



GRUNDIG

**TECHNICAL
ANNUAL
2000**



Grundig Service

Hotline Germany...
...Mo.-Fr. 8.00-18.00 hr

Technical Support:

TV	0180/52318-41
TV	0180/52318-49
SAT	0180/52318-48
VCR/LiveCam	0180/52318-42
HiFi/Audio	0180/52318-43
Car Audio	0180/52318-44
Telecommunication	0180/52318-45
Fax:	0180/52318-51
Planatron (8.00-22.00hr)	0180/52318-99

Spare Parts Order Desk: Mo.-Fr. 8.00-19.00 hr

Phone: 0180/52318-40
Fax: 0180/52318-50

Region Süd

Beuthener Str. 65
90471 Nürnberg

Region Süd-West

Dudenstr. 45-53
68167 Mannheim

Region West

Horbeller Str. 19
50858 Köln

Phone

0180 - 523 1852

Fax

0180 - 523 1846

Region Ost

Wittestr. 30e
13509 Berlin

Region Nord

Kolumbusstr. 14
22113 Hamburg

We would be obliged for any tips and suggestions or criticism which we shall give our attention. Please send to fax number: ++49 9 11 / 7 03 19 05

Grundig AG, D-90748 Fürth/Bay.

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Technical Annual 2000

Dear Readers,
In order not to go beyond the limits of a booklet this issue contains
as usual only the latest data and technical changes.

For information frequently repeated in the past few years please
refer to the previous issues of the Grundig Technical Annual.

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Subject to alteration

Partners help each other

Please help us find hidden faults and return all modules with a brief description of the fault.

For this purpose, a fault tag or adhesive label is enclosed with all modules (insert cards) delivered by the GRUNDIG service organisation.

<p>FÜR IHR RÜCKABETEIL FOR RETURNING FAULTY MODULES ALLEGARE AL PEZZO CHE VIENE RIMANDATO INDIETRO POUR RETOURNER AVEC LE MODULE DEFECTUEUX PARA DEVOLUCIÓN DE MÓDULOS AVERIADOS</p>	<p>Fehleranhänger für Module / Label tag for modules Cartellino dei difetti per i moduli / Fiche suiveuse pour module Etiqueta de avería para módulos</p> <p><input type="checkbox"/> Fehler tritt sofort auf / Fault occurs immediately / Il difetto compare subito Le défaut apparaît immédiatement / La avería aparece inmediatamente</p> <p><input type="checkbox"/> Fehler tritt nur zeitweise auf / Fault occurs intermittently / Il difetto compare solo a periodi / Le défaut est intermittent / La avería aparece intermitentemente</p> <p><input type="checkbox"/> Fehler tritt nach ca. Minuten auf Fault occurs after approx. minutes Il difetto compare dopo ca. minuti Le défaut apparaît après environ minutes de fonctionnement La avería aparece tras minutos</p> <p><input type="checkbox"/> Wackelkontakt / intermittent contact / Contatto difettoso Mauvais contact intermittent / contacto intermitente Sonstige Fehlererscheinungen: / Other faults: / Altri difetti: Autres défauts: / Otras averías: _____</p> <p>_____</p> <p>_____</p>
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<p>○</p>	<p>Bitte unterstützen Sie uns beim Auffinden versteckter Fehler: Versehen Sie alle Modul-Rückläufer mit vollständig ausgefüllten Fehleranhängern!</p> <p>Please help us to trace obscure faults: Ensure all modules are returned with label tag completed!</p> <p>Collaborate con noi nella ricerca deidifetti: corredate ogni modulo che rimandate indietro dei cartellino dei difetti compilato in tutti i suoi punti!</p> <p>Afin de nous permettre d'améliorer la Qualité de notre service, nous vous prions de nous renvoyer avec votre module, cette étiquette dûment renseignée. Merci pour votre collaboration.</p> <p>Ayúdenos a encontrar las averías ocultas: procuren que cada módulo devuelto vaya con su etiqueta de avería para módulos debidamente relienda!</p>
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General Part

GRUNDIG**General Management**

Kurgartenstraße 37, 90762 Fürth
 Tel. (09 11) 7 03-0, Fax: (09 11) 70 53 76
 Internet: <http://www.grundig.com>

Central Customer Service, Beuthener Str.55, 90471 Nürnberg

Manager: Thomas Kobusch
 Tel.: 0911/703-1900 Fax: -1903 e-mail: Thomas.Kobusch@Grundig.com

Central Warranty Remuneration / Workshops, Kolumbusstraße 14, 22113 Hamburg

Tel.: 0180 / 500 02 95 Fax 0180 / 500 02 96
 Manager: Peter Müller
 Tel.: 0911/703-7708 Fax: -8626 e-mail: Peter.Mueller@Grundig.com

GRUNDIG Customer Service Centres:

... for the delivery of repair goods

- Region Süd

Beuthener Str. 65 Tel.: 0180 - 523 1852
 90471 Nürnberg Fax: 0180 - 523 1846

- Region Süd-West

Dudenstr. 45-53 Tel.: 0180 - 523 1852
 68167 Mannheim Fax: 0180 - 523 1846

- Region West

Horbeller Str. 19 Tel.: 0180 - 523 1852
 50858 Köln Fax: 0180 - 523 1846

- Region Ost

Wittestr. 30e Tel.: 0180 - 523 1852
 13509 Berlin Fax: 0180 - 523 1846

- Region Nord

Kolumbusstr. 14 Tel.: 0180 - 523 1852
 22113 Hamburg Fax: 0180 - 523 1846

GRUNDIG Spare Parts Service

... for handling of exchange parts

Please send all components and products which are subject to exchange directly to the address below indicating your customer number.

GRUNDIG Zentralkundendienst
 - Tor 7 / 8 -
 Beuthener Straße 55
 90471 Nürnberg

We ask you to send all picture tubes under guarantee with the exception of Philips tubes to above mentioned address. **Pass all warranty claims arising from Philips picture tubes directly on to Philips.** For advance replacement please call...

Tel.: 040 / 28 52 22 01
 Fax: 040 / 28 52 22 03

Grundig Sales Companies (Europe)**S.A. Grundig Belux N. V.**

Deltapark Unit 3, Weihoek 3 G, B-1930 Zaventem
Tel.: (+32-2) 7 16 04 00, Telefax: (+32-2) 7 16 03 82

Grundig Danmark A/S

Lejrvej 19, DK-3500 Vaerloese
Tel.: (+45) 44 48 68 22, Telefax: (+45) 44 48 62 63, (+45) 44 48 66 67
e-mail: post@grundig.dk

Grundig Oy

Luoteisrinne 5, FIN-02270 Espoo, Finland
Tel.: (+358) 98 04 39 10, Telefax: (+358) 98 04 39 01

Grundig France S. A. S.

5, Boulevard Marcel Pourtout, F-92563 Rueil Malmaison Cedex
Tel.: (+33-1) 41 39 26 26, Telex: 0 42-63 45 04, Telefax: (+33-1) 47 08 69 48

Grundig UK Limited.

Elstree Way, Borehamwood, Hertfordshire, WD6 1RX, Great Britain
Tel.: (+44-181) 3 24 94 00, Telefax: (+44-181) 3 24 94 01

Grundig Italiana S. P. A.

Via G. B. Trener 8, I-38100 Trento
Tel.: (+39-04 61) 89 31 11, Telefax: (+39-04 61) 89 32 07 / 89 34 08 (KD)

Grundig Nederland B. V.

Joan Muyskenweg 22, NL-1096 CJ Amsterdam
Tel.: (+31-20) 5 68 15 68, Telefax: (+31-20) 5 68 14 06

Grundig Norge A/S

Glynitveien 25, Postboks 234, N-1402 Ski
Tel.: (+47) 64 87 82 00, Telefax: (+47) 64 87 66 10

Grundig Austria Ges. m. b. H.

Breitenfurter Str. 43-45, A-1120 Wien
Tel.: (+43-1) 81 11 73 29, Telefax: (+43-1) 81 11 77 13
e-mail: kundendienst.vie@Grundig.com

Grundig Portuguesa, Comércio de Artigos Electronicos Lda.

Rua Bento de Jesus Caraça, 17, P-1495-686 Cruz Quebrada
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e-mail: gpl@mail.telepac.pt

Grundig Svenska AB

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e-mail: grundig@internet.sk

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Tel.: (+36) 1 - 25 08 142, (+36) 1 - 25 08 143, Telefax (+36) 1 - 25 08 144
e-mail: grundig@grundig.hu

Grundig Slovenija d.o.o.

Dunajska 22, Si - 1511 Ljubljana, Slovenia
Tel.: (+386) 61 - 32 88 79, (+386) 61 - 32 88 83, Telefax (+386) 61 - 32 86 86
e-mail: marn.grundig@siol.net

Grundig Hrvatska d.o.o.

Metalceva 5, HR - 10000 Zagreb, Croatia
Tel.: (+385) 1 - 3 09 34 06, Fax: (+385) 1 - 3 09 17 78
e-mail: grundig-hrvatska@zg.tel.hr

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Kurgartenstraße 37 , 90762 Fuerth / Germany
 Tel. ++49-911-703-0 , Fax ++49-911-703-7134
 e-mail: info@grundig.com

EUROPE**RUSSIA**

Grundig - Representative Office Moscow
 Denissovskij Pereulok 26-28
 107055 Moscow

Tel.: ++7-095-933 5131
 Fax: ++7-095-933 5132
 e-mail: grundig@dol.ru

Distributors in Europe**CYPRUS**

Ideal Grafico Ltd.
 14 C Stassinos Ave.,
 P.O. Box 4809
 Nicosia 1304

Tel.: ++35-72-752 109
 Fax: ++35-72-750 943
 e-mail: graphicocy@logos.cy.net

GREECE

ELEX S.A.
 13th km National Road
 14564 Kiffissia
 Athens

Tel.: ++30-1-80 75 403
 Fax: ++30-1-80 76 704
 e-mail: elex@acci.gr

ICELAND

Television Center Ltd.
 Sidumula 2
 128 Reykjavik

Tel.: ++354-5-68 90 90
 Fax: ++354-5-68 03 90
 e-mail: tel@islandia.is

MALTA

Jokate Group of Co. Ltd.
 Jokate Buildings
 P.O. Box 1
 Msida

Tel.: ++356-22 10 12
 Fax: ++356-24 31 54

RUSSIA

Kompas
 Ligovski Prospekt 97
 St. Petersburg

Tel. ++7-812-969 18 75
 Fax ++7-812-164 74 47

TURKEY

Mercansoy A.S.
 Yildirim Mah.
 Ali Fuat Basgil Cad. 43, Bayrampasa
 34170 Istanbul

Tel.: ++90-212-649 32 96
 Fax: ++90-212-537 56 98
 e-mail: infomer@mercansoy.com.tr

AFRICA**ALGERIA**

E.I.P.EL

14, Rue Khaled Bellagaune (ex Lulli)
Alger 16000

Tel.: ++213-2-725 259 , 725 261

Fax: ++213-2-726 397

EGYPTIEP International Electronical Products
3rd Industrial Zone
Lot No. 268
6th October City

Tel.: ++20-2-261 83 33

Fax: ++20-2-261 99 13

ETHIOPIACabey Private Limited
Box 18192
Addis Ababa

Tel.: ++251-1-613 891, 613 892

Fax: ++251-1-517 953

IVORY COASTAtlantis Electronique
RDC CCIA Abidjan Plateau
22 BP 1275
Abidjan 22

Tel.: ++225-214 838

Fax: ++225-218 040

e-mail: atlantis@africaonline.co.ci

KENYAArdofe Electronics
Luthuli Avenue
P.O. Box 30866
Nairobi

Tel.: ++254-2-224 583

Fax: ++254-2-224 449

MAURITIUSLO Thiap Hing Ltd.
P.O. Box 411
Port Louis

Tel. ++230-208 8879

Fax ++230-212 2441

MOROCCOUmareq
43, Bld. Ibn. Tachfine
Casablanca

Tel.: ++212-2-30 15 42

Fax: ++212-2-30 30 03

e-mail: Umareq@casanet.net.ma

SOUTH AFRICARoshni Enterprises
21 Stellar Avenue, Crown Extensin 4
Johannesburg 2092
P.O. Box 42530
Fordsburg 2033

Tel. ++27-11-830 1542

Fax ++27-11-837 6661

e-mail: tenshor@iafrica.com

ZIMBABWE

Alliance Co.
No. 2 Telford Road, Graniteside
P.O. Box 66273
Kopje - Harare

Tel.: ++263-4-753935, 771434
Fax: ++263-4-753938
e-mail: alliken@cst.co.zw

AMERICA**ARGENTINA**

Crown Mustang S.A.
Av. Eva Perón 7455 / 85
1439 Buenos Aires

Tel.: ++54-11-686 1071
Fax: ++54-11-686 4551
e-mail: crown@way.net.ar

MEXICO

Grupo Gomo
Av. Tlahuac No. 171
Col. Sta. Isabel Industrial
C.P. 09820, Mexico D.F.

Tel.: ++52-5-697 0180
Fax: ++52-5-697 9932
e-mail: rcabrera@gomo.com.mx

USA / CANADA (Distributor for shortwave World Receivers)

Lextronix Inc.
3520 Haven Avenue, Unit L
Redwood City, CA 94063

Tel.: ++1-650-361 16 11
Fax: ++1-650-361 17 24
e-mail: grundig@ix.netcom.com
Toll free number USA ++1-800-872 2228
Toll free number Canada ++1-800-637 1648

ASIA**MIDDLE EAST** (Regional Office)

Grundig Gulf FZE
P.O. Box 61012
Jebel Ali
Dubai / U.A.E.
Dispatch Address:
Grundig Gulf FZE
Junction 8, SB-01
(Behind JVC)
Dubai / U.A.E.

Tel.: ++971-4-838 989
Fax: ++971-4-838 798
e-mail: gmeja@emirates.net.ae

Distributors in Asia**ARMENIA**

Zig-Zag Electronics
Sayat - Nova 20
Yerevan 375 001

Tel.: ++374-2-552 757, 521 334
Fax: ++374-2-151 975
e-mail: zigzag@arminco.com

AZERBAIJAN

Universal Technics Co. Ltd.
Ave. Aziz Aliyev 5
Baku

Tel.: ++994-12-929 732
Fax: ++994-12-971 134

BAHRAIN

Yousuf Awadi Group
P.O. Box 20004
Manama

Tel.: ++973-214 666
Fax: ++973- 210 900

BANGLADESH

Sears Electronics
28, Dilkusha C/A, Suite-3
7th Floor
Dhaka - 1000

Tel.: ++880-2-873 590, 873 589
Fax: ++880-2-873 879, 808 519
e-mail: atigroup@bdmail.net

CHINA / HONGKONG

Great Wall Electronics Ltd.
16/F. Riley House
88 Lei Muk Road
Kwai Chung, N.T. / Hongkong

Tel.: ++852-2616 3689
Fax: ++852-2423 8181
e-mail: jackie@great-wall.com.hk

CHINA P.R. (Distributor for HiFi products)

MCH Global Ltd.
Suite 8071, Jingan Center
No. 8 East Beisanhuan Road
Chaoyang District
Beijing 100028

Tel.: ++86-10-6468 9001
Fax: ++86-10-6468 9493
e-mail: mchchina@public.bta.net.cn

IRAN

PARS Electric Mfg. Co.
563 Azadi Ave.
Tehran - 14

Tel.: ++98-21-490 51 00
Fax: ++98-21-490 50 95
e-mail: m.tavakolian@parsaray.com

ISRAEL

PIRA Ltd.
19, Hatsfira Street
P.O. Box 28085
67779 Tel Aviv

Tel.: ++972-3-687 62 30
Fax: ++972-3-537 47 07
e-mail: izchak@pilot.co.il

JORDAN (Distributor for Projects)

Gi.Rho.Ma Co.
Kalbouneh Center
Prince Moh`d Street
P.O. Box 639
Amman 11118

Tel.: ++962-4-619 093, 619 094
Fax: ++962-4-619 733
e-mail: girhoma@go.com.jo

JORDAN (Distributor for Consumer Electronics)

Hanna Zananiri & Sons Co.
P.O. Box 842
Amman 11118

Tel.: ++962-5-682 386
Fax: ++962-5-672 505

KUWAIT

Morad Yousuf Behbehani
P.O. Box 146
13002 Safat

Tel.: ++965-481 9734
Fax: ++965-484 4053
e-mail: moradb@ncc.moc.kw

LEBANON

Boulos Freres & Co.
P.O. Box 1656
Hazmieh Boulevard
Beirut

Tel.: ++961-1-455 071
Fax: ++961-1-601 240
e-mail: boulos@dm.net.lb

MALAYSIA (Service Partner)

Luxor Electric Corp. Sdn. Bhd.
Penthouse, Menara Luxor
6B, Persiaran Tropicana
Tropicana Golf & Country Resort
47410 Petaling Jaya
Selangor / Malaysia

Tel.: ++60-3-711 9888
Fax: ++60-3-711 9889

OMAN

Mushrif Enterprises
P.O. Box 1289
Ruwi 112
Sultanate of Oman

Tel.: ++968-693 620
Fax: ++968-604 600

OMAN (Distributor for Projects)

Assarain Enterprises LLC
P.O. Box 1475
Ruwi 112
Sultanate of Oman

Tel.: ++968-771 1878, 771 6504
Fax: ++968-771 7142

QATAR

Salam Stores & Studio
P.O. Box 121
Doha

Tel.: ++974-832 050
Fax: ++974-832 103

SAUDI ARABIA

Ahmed Ali Badogaish & Co.
P.O. Box 65
Al Khobar 31952

Tel.: ++966-3-864 6786
Fax: ++966-3-898 2585

SINGAPORE (Service Partner)

G8 Progress Asia Pte. Ltd.
621 Aljunied Road # 04 - 03
Singapore 389834

Tel.: ++65-749 4998
Fax: ++65-742 6878, 742 7989

SOUTH KOREA (Distributor for HiFi / Audio products)

SAEM Energy Co. Ltd.
#1304 Samdo Officetel
Youngdeungpo-Ku
Seoul

Tel.: ++82-2-7800 907
Fax: ++82-2-7800 905
e-mail: saem@interpia.net

SOUTH KOREA (Service Partner CTV)

Twentyone International Trading
Koryo Academitel RM 1421
437-3, Ahyun-Dong, Mapu-Gu
Seoul

Tel.: ++82-2-761 8830
Fax: ++82-2-783 0363

SYRIA

Trading & Engineering Center
P.O. Box 2053
Damascus

Tel.: ++963-11-541 6482
Fax: ++963-11-541 7031

TAIWAN R.O.C.

GRE Trading
P.O. Box 26-1182
11 F. No. 602, Tun Hua South
Taipei

Tel.: ++886-2-705 22 60
Fax: ++886-2-755 23 93
e-mail: a0947782@ms8.hinet.net

U.A.E.

Al Gurg Electronics
P.O. Box 325
Dubai / U.A.E.

Tel.: ++971-4-376 804
Fax: ++971-4-365 167
e-mail: gurgtyre@emirates.net.ae

YEMEN

Ghamdan General Trading
P.O. Box 10932
T.R. 10932
Sana'a

Tel.: ++967-1-279 143
Fax: ++967-1-237 715
e-mail: ggti@y.net.ye

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General Electronics
P.O. Box 18105
Had Street
Sana'a

Tel.: ++967-1-269 098
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A U S T R A L I A**AUSTRALIA**

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Belmore NSW 2192
Sydney

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information: e-mail: office@grundig-australia.com
technical: e-mail: support@grundig-australia.com
commercial: e-mail: sales@grundig-australia.com

O C E A N I A**NEW ZEALAND**

Sound Group Holdings Ltd.
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Albany P.O. Box 302-106
North Harbour Post Centre
Auckland

Tel.: ++64-9-415 66 80
Fax: ++64-9-415 66 83
e-mail: bob@soundgroup.co.nz

Product Range and Customer Services: Test and Measuring Instruments

Laboratory and Service Measuring Instruments	Programmable Power Supply PN 300 Programmable Power Supply PN 200 Universal Counter UZ 2500 Automatic RLC Meter RLC 300 Automatic RLC Meter RLC 100 Automatic RLC Meter RLC 200 Digital Multimeter DM 100 Function Generator FG 100 Arbitrary Function Generator AFG 100 Low Distortion Generator TG 100 AF-Millivoltmeter MV 100 <i>digimesse® Soft-Workshop</i> Software Set for <i>digimesse®</i> Instruments System Controller SC 600 19"-Adapter single expert MA 19-1 19"-Adapter dual compact MA 19-2 19"-Adapter single compact MA 19-3 Dual Channel Oscilloscope MO 32 Dual Channel Oscilloscope MO 30 Digital Storage Oscilloscope SO 100 Operating and User Software S 100 S
Video Measuring Instruments	PALplus Studio Encoder PPE 400 PALplus Studio Decoder PPE 600 Professional Video Generator VG 1100 TV and SAT Signal Generator VTG 700
Antenna Measuring Instruments	Combination Measuring Receiver MSK 33 Combination Measuring Receiver MSK 33/G Combination Measuring Receiver MSK 33/Q Combination Measuring Receiver ME 100 Level Measuring Receiver MSK 23 Level Measuring Receiver MSK 23/V
Accessories	Connection Cables Probes and Adapters Oscilloscope Accessories Bags

Grundig AG
 Geschäftsbereich Instruments
 Test- und Meßsysteme
 Würzburger Str. 150
 D-90766 Fürth
 Tel.: 0911 / 703-4118
 Fax: 0911 / 703-4130
 eMail: instruments@grundig.de
 Internet: <http://www.grundig-instruments.de>

Business Line Instruments - Test and Measuring Systems (domestic) (Geschäftsbereich Instruments - Test- und Meßsysteme)

Area Manager Nord	H. Siebrasse Hagenkamp 15 D-30982 Pattensen	Tel.: 0 50 66 / 20 31 Fax: 0 50 66 / 20 32
Area Manager Süd	W. Meinicke Behringstraße 46 D-90542 Eckental	Tel.: 0 91 26 / 28 80 83 Fax: 0 91 26 / 28 80 96
Area Manager West	K. Vogel Walter-Freitag-Str. 19 D-42899 Remscheid	Tel.: 0 21 91 / 94 86-70 Fax: 0 21 91 / 94 86-69
Area Manager Nordost	A. Schrank Straße 142 Nr. 33 D-13053 Berlin	Tel.: 0 30 / 9 82 42 42 Fax: 0 30 / 9 82 42 41
Area Manager Mitte	K.-H. Kaiser Am Klingelborn 29 D-60437 Frankfurt	Tel.: 0 61 01 / 4 89 43 Fax: 0 61 01 / 4 88 36
Göpel electronic GmbH	Göschwitzer Straße 58 / 60 D-07745 Jena	Tel.: 0 36 41 / 68 96-69 Fax: 0 36 41 / 68 96-44

Business Line Instruments - Test and Measuring Systems (abroad) (Geschäftsbereich Instruments - Test- und Meßsysteme)

Egypt	Phillips Egypt 10, Abdel Rahman El Rafei St. Mohandesin P.O. Box 242 Dokki Cairo	Tel.: + 20-2-3 49 09 22 Fax: + 20-2-3 49 21 42
Australia	Rhode & Schwarz Pty. Ltd. 63 Parramatta Silverwater N.S.W. 21 28	Tel.: + 61-2-97 48 01 55 Fax: + 61-2-97 48 18 36
Belgium	Air-Parts B.V. Kalkovenweg 12 NL - 2401 LK Alphen aan den Rijn	Tel.: + 31-172-422-455 Fax: + 31-172-421-022
Denmark	Erik Blichfeld A/S Birkemosevej 11 6000 Kolding	Tel.: + 45-75 56 70 00 Fax: + 45-75 56 70 07
Denmark	Witronic A/S Road Roskildevej 308 2610 Rødovre	Tel.: + 45-36 72 20 00 Fax: + 45-36 72 04 40
Finland	PEREL OY Torpankatu 28 05800 Hyvinkää	Tel.: + 358-19-8 71 11 Fax: + 358-19-8 71 15 00
France	Salies S.A. Zi des radars 9 Rue Diderot Grigney 91350	Tel.: + 33-1-69 02 25 60 Fax: + 33-1-69 02 25 99
Greece	Berger Electronics Industrial Area 61100 Kilkis	Tel.: + 30-341-7 21 72 Fax: + 30-341-7 21 72
Greece	T.M. Fryda Electronics (T.M.F.) 10 Pandoras ST. Glyfada 166-74	Tel.: + 30-1-9 68 06 98 Fax: + 30-1-9 68 15 75
Hong Kong	GEC Hong Kong CC Wu Building 302-308 Hennessy Road Wanchai P.O. Box 15 GPO	Tel.: + 852-29 19 83 83 Fax: + 852-25 91 05 48

Hong Kong	Schmidt & Co (HK) Ltd. 9/F North Somerset House Taikoo Place 979 King's Road, Quarry Bay Hong Kong	Tel.: + 852-25 07 02 63 Fax: + 852-28 27 56 56
Indonesia	GAE PT Guna Electro Jl. Terusan Arjuna 50 Jakarta Barat 11510	Tel.: + 62-21-5 65 50 10 Fax: + 62-21-5 65 50 30
Ireland	Vann Draper Electronics Limited Unit 5, Premier Works Canal Street South Wingston Leicester LE 18 2 PL	Tel.: + 44-116-2 77 14 00 Fax: + 44-116-2 77 39 45
Israel	Kanion 8 Mikhaelis St. Kiryat-Arie P.O.B. 3783 Petah-Tikva 49130	Tel.: + 972-3-9 22 12 87 Fax: + 972-3-9 22 07 51
Italy	Delo Instruments Via Piemonte, 14 20090 Fizzonasco Pieve E. (Mi)	Tel.: + 39-02-90 72 24 41 Fax: + 39-02-90 72 27 42
Japan	Matsushita Electric Industrial Co. Ltd. Corporate International Trade Division 32nd Floor, World Trade Center Buildg. 4-1, Hamamatsu-Cho, 2-chome, Minato Ku Tokyo 105	Tel.: + 81-3-54 04 88 43 Fax: + 81-3-54 04 88 49
Luxembourg	Air-Parts B.V. Kalkovenweg 12 NL - 2401 LK Alphen aan den Rijn	Tel.: + 31-172-422-455 Fax: + 31-172-421-022
Netherlands	Air-Parts B.V. Kalkovenweg 12 NL - 2401 LK Alphen aan den Rijn	Tel.: + 31-172-422-455 Fax: + 31-172-421-022
Norway	Grundig Norge A/S Postboks 234 1401 Ski	Tel.: + 47-64 87 82 00 Fax: + 47-64 87 66 10
Austria	Grundig Austria Vertriebsleitung Breitenfurter Str. 43-45 1121 Wien	Tel.: + 43-1-811-17 491 Fax: + 43-1-811-17 310
Poland	Lamium sp.c. ul. Zwirki i Wigury 4 44-120 Pyskowice	Tel.: + 48-32-2 33 33 30 Fax: + 48-32-2 33 33 30
Portugal	Grundig Portugesa Rua Bento de Jesus Caraca, 17, Cruz Quebrada 1495 Lisboa	Tel.: + 351-141-9 75 70 Fax: + 351-141-9 90 83
Singapore	Gold Lite Pte. Ltd. Blk 211 Henderson Road Henderson Industrial Park # 08-03 Singapore 159552	Tel.: + 65-2 73 04 87 Fax: + 65-2 73 50 06
South Africa	Tek Test cc P.O. Box 6090 Birchleigh 1621	Tel.: + 27-11-972-60 05 Fax: + 27-11-972-60 05

South Korea	Whain Systech Co., LTD. 3F Iljeong Building, 425-2 Togok-Dong, Kangnam-Ku Seoul	Tel.: + 82-2-571-57 11 Fax: + 82-2-571-57 14
Sweden	Ferner Electronics AB Vedestavägen 15 17526 Järfälla	Tel.: + 46-8-7 60 83 60 Fax: + 46-8-7 60 83 41
Sweden	Polystar AB Dalhemsvägen 23 14146 Huddinge	Tel.: +46-8-6 08 28 28 Fax: +46-8-7 11 44 45
Switzerland	Erevision AG Im Moos 13 4710 Balsthal	Tel.: + 41-62-3 91 11 34 Fax: + 41-62-3 91 48 19
Switzerland	Grundig Schweiz AG Steinackerstraße 28 8302 Kloten	Tel.: + 41-1-8 15 81 11 Fax: + 41-1-8 13 52 31
Taiwan	Precision International Corp. PIC P.O. Box 03-15 Sanchung City 241 Taipei	Tel.: + 886-2-9 99 08 50 Fax: + 886-2-9 99 15 22
Thailand	Schmidt Scientific (Thailand) Ltd. Government Housing Bank Bldg. 212 Rama 9 Rd., Huay Kwang Bangkok 10320 Thailand	Tel.: + 662-643-13 30-9 Fax: + 662-643-13 40-1
Czechia	Utes Instruments, s.r.o. Srbska 53 61200 Brno	Tel.: + 420-5-41 58 92 11 Fax: + 420-5-41 58 92 11
UK	Vann Drapper Electronics Limited Unit 5, Premier Works Canal Street South Wigston Leicester LE 18 2PL	Tel.: + 44-116-2 77 14 00 Fax: + 44-116-2 77 39 45

Agencies for Automotive Measuring Instruments

Brazil	NAHUEL Indl. E Coml. LTDA Rua Pedro Alexandrino No. 205 J.D. Portinari, Diadema Sao Paulo	Tel.: + 55-11-7467-133 Fax: + 55-11-7467-181
China	SHENZHEN WANTONG MOTOR-CAR TECHNOLOGY DEVELOPMENT CO., LTD 5/F 19 # Yan Shan RD. SheKou / ShenZhen People Republic of China (PRC)	Tel.: + 86-755-6 89 18 85 Fax: + 86-755-6 67 92 95
Indonesia	GAE PT Guna Electro Jl. Terusan Arjuna 50 Jakarta Barat 11510	Tel.: + 62-21-5 65 50 10 Fax: + 62-21-5 67 46 30
Norway	a.s. Fartskriver Persveien 32 P.B. 78, Oekern 05078 Oslo	Tel.: + 47-22-64 58 60 Fax: + 47-22-65 83 50
Austria	Teuber Automotive Componenten GmbH Nebingerstraße 3 4020 Linz	Tel.: + 43-732-66 38 52 Fax: + 43-732-66 38 52-15 e-mail: office.linz@teuber-tac.at
Portugal	GRUBER LDA. Rua Oliveira Martins, 10-5°D P-2810 Feijo	Tel.: + 35-11-2 74 76 79 Fax: + 35-11-2 73 27 83
Rumania	DEMACO Autocentrum Str. Lemharilor Nr. 14/A 4150 Odorheiu Secuiesc	Tel.: +004-066-21 83 31 Tel.: +004-066-21 83 50 Fax: +004-006-21 82 99
Switzerland	W. Luginbühl AG Bruneggerstr. 45 5103 Möriken	Tel.: + 41-62-8 93 24 24 Fax: + 41-62-8 93 37 05
Spain	Auto Expert. C/. Londres, 4-6 Nave 61 Pol. Ind. ALBRESA 28340 Valdemore (Madrid)	Tel.: + 34-91-8 08 14 80 Fax: + 34-91-8 95 04 37 Handy: + 34-6 56 80 01 38
Czechia	UNIVER, spol. s.r.o. Preperska 1809 511 01 Turnov	Tel.: + 420-436-2 33 81 Fax: + 420-436-2 12 72
Hungary	MOTROCO 200 Kft. Cziraki utca 26-32 1163 Budapest	Tel.: + 36-1-407-71 51 Fax: + 36-1-407-71 51
USA	Gemini Technologies AG 5 Donald Drive, Orinda CA. 94563 USA	Tel.: + 925-254-2755 Fax: + 925-253-8646

Service Training Courses for our Customers

We train you in intensive courses in the GRUNDIG Central Customer Service division in Nuremberg as well as in one-day regional training courses.

We deal with all current questions on product technology in the fields of television, satellite reception, video and digital audio.

Our rooms are furnished for theoretical and hands-on training of 24 participants. Monitors are used to display measured values true to the detail and special measuring and adjustment procedures of the products the participants are to be trained on. The suitable and modern equipment of measuring instruments makes it possible for the trainees to turn the theoretical knowledge gained directly into practical experience.



For detailed information on these courses please see the service training booklet which is available on request from your competent GRUNDIG contact partner. A registration form is included in this booklet.

For inquiries do not hesitate to contact Mrs. Schmitt Tel. 0911/703-8584

Fax-No.: 0911/703-8626

We ask for your understanding that we can consider only applications in writing.

Private Study with Service Training Manuals

The following training manuals can be ordered for private study against payment of a fee:

TV Engineering Service Training	Part No. D	Part No. GB
CUC 6360/6365/7300	72010 350 0000	-
Digi IV/ 100Hz Technique	72010 350 0500	-
Pal+ System Principles	72010 350 1000	-
Digi Basic	72010 350 1500	72010 350 1600
Digi Basic ++	72010 350 1700	72010 350 1800
Digi 6 / CUC 1842	72010 350 3000	72010 350 3100
CUC 2000/2010/2030/2050	72010 350 3500	72010 350 3600
Digi Basic 3	72010 350 3700	72010 350 3750
Planatron 2 (available in 03/2000 approx.)	72010 350 3800	-
Video Engineering Service Training	Part No. D	Part No. GB
GV 400 and variants	72010 525 1000	-
GV 500 and variants	72010 525 1500	-
GV 540/560 HiFi and variants	72010 525 2000	-
HSD Drive Mechanism	72010 525 2500	-
GV 640 and variants	72010 528 9000	72010 528 9100
GV 670-690	72010 528 9300	-
GV 900/940	72010 536 1500	-
GV 7000	72010 531 4000	72010 531 4100
Principles of Digital-Video DV	72010 532 3500	-
MPEG Principles Digital-Video	72010 534 4000	-
Audio/HiFi Engineering: Service Training	Part No. D	Part No. GB
Principles of Audio Engineering	72010 749 5000	-
FM Tuner T11 / T1000	72010 749 5500	-
CD Player CD11 / CD12	72010 749 6000	-
DAB Principles	72010 749 6500	-

Video Training Film

Training film: High-speed Video Drive Mechanism HSDPart No.:72007 744 8100
 Dismantling and re-assembling the drive mechanism • replacement of wearing parts • re-
 placement of the headwheel and the CTL head • adjustment of the tape transport path,
 tracking position and head gap position indicator • length approx. 30 minutes.

GRUNDIG**ISDN - InfoTip®**

The common
Service Communication System in the
Entertainment Electronics Industry

GRUNDIG and members of the industrial association
of entertainment electronics within the ZVEI (Central
Association of the Electrotechnical Industry) offer the
specialised dealers

"ISDN-InfoTip®"

as a future-orientated communication system.

Further information and quotation of prices are
obtainable from:

InfoTip® Service GmbH • Marketing und Vertrieb
Postfach 510 213 • 44874 Bochum
Tel.: 0180 - 567 30 42/43 (24Pf/min.) • Fax 0234 - 941 10 02
e-Mail: infotip@t-online.de or info@infotip.de
www.infotip.de

search

find

replace

invoicing

InfoTip® – The Service System of the manufacturers for the trade

Use the direct access to:

- ? Descriptions of 48.000 types of products
- ? Up-to-date information of the manufacturers
- ? Efficient search function
- ? authorised product information

The InfoTip Solution



The InfoTip® Communication System allows you to gain direct access to data banks updated to the very day containing the special service know how of 17 CE manufacturers at present (23 trademarks)

Each piece of information is exactly allocated to the respective product and can always be reached with a few mouse clicks.



The user interface of the system dispenses with all superfluous trifles so that it is easy to make yourself master of it and it is identical for all manufacturers connected to it. Once you are familiar with it you know the way irrespective of the manufacturer you are looking for information.



*Service Tips –
applying and using them effectively*

Help for analysing faults

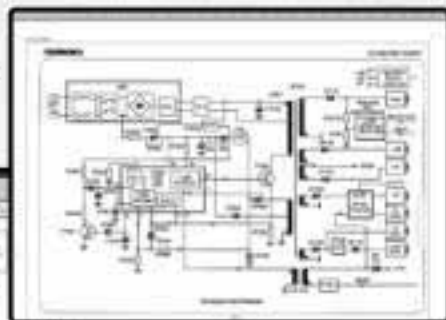
! Customer service information specific to the manufacturer and contact partners

The InfoTip® Solution



The fault descriptions clearly arranged in groups so that you can find the information you are searching for in no time. No matter whether you are aiming at an individual repair tip or whether you want to thumb through all the relevant information.

Intensify the power of your trademark and improve also your competence towards your customer. Precise information will help you even in difficult cases and with types of products less cared of.



And yet, if the matter becomes more complicated sometimes, the InfoTip Communication System provides more than 12.000 documents, extracts from circuit diagrams, layouts of circuit boards, ...

search
find
replace
invoicing

*Original spare parts
...it cannot be done faster!*

Simplified procurement of spare parts

- † exact spare part order numbers
- † efficient search function
- † fastest handling by online ordering
- † checking the deliverability

The InfoTip Solution:

Required spare parts identified in a second, price lists help you calculate the costs. Spare parts orders are prepared off-line and sent to the respective manufacturer just by pressing a single button.



Information about the availability (not yet realised for all manufacturers) help you to give your customer a more precise statement of the duration of the repair work.

Spare parts can be entered straight into the order mask. You can simply select the spare parts from the spare parts lists or use the practical search function for finding the desired spare part.

search
find
replace
invoicing

*Stop that bureaucratic warfare:
fast – safe – faultless*

Warranty accounting made easy:

- Σ **Electronic form according to the EACEM Standard**
- Σ **Uniform for all manufacturers**
- Σ **Aided by an Iris Code**
- Σ **Prepared for EDIFACT**

The InfoTip® Solution:

Who does not know it that onerous time-consuming paper warfare: "Application for remuneration of repairs under warranty"?

Reparaturwerkstatt	Vertriebspartner	Gerätehersteller
St. Nr. Service: <input type="text"/>	St. Nr. Verkauf: <input type="text"/>	St. Nr. Geräteherst.:
Name: <input type="text"/>	Name: <input type="text"/>	Name: <input type="text"/>
Strasse: <input type="text"/>	Strasse: <input type="text"/>	Strasse: <input type="text"/>
PLZ: <input type="text"/>	PLZ: <input type="text"/>	PLZ: <input type="text"/>
Ort: <input type="text"/>	Ort: <input type="text"/>	Ort: <input type="text"/>
Telefon: <input type="text"/>	Telefon: <input type="text"/>	Telefon: <input type="text"/>

Gerätehersteller		
Artik. Nr.:	GRUNDIG	Service Center Nr.:
Modell:	GRUNDIG	Service Center:
Vertriebsjahr:	1999	Rep. Anst.:
		Rep. Anst.:
		Rep. Anst.:
		Rep. Anst.:

The electronic warranty accounting form is uniform for all manufacturers connected to the system and is based on the so-called EACEM Standard (EACEM = European Association of Consumer Electronics Manufacturers).

The IRIS Code for describing the fault is easily and quickly selected from the respective tables.

GRUNDIG

Bitte beachten Sie:

AP: Bitte beachten Sie, dass die Reparaturkosten, einschließlich der Materialkosten, von Grundig übernommen werden. Die Reparaturkosten werden Ihnen von Grundig erstattet. Bitte beachten Sie, dass die Reparaturkosten von Grundig erstattet werden. Bitte beachten Sie, dass die Reparaturkosten von Grundig erstattet werden.

OK Abbrechen Zurück Weiter Drucken Hilfe

Completed warranty accounts can be sent either immediately by pressing a single button or can be collected on a monthly basis.

Grundig Universal Remote Controls



TV Control 1 Part No.: 72011 601 0000

replaces the following types:

Type	Code
TP Easy	102
TP 621	101
TP 622	101
TC 622	101
RC 622	101
TP 623	102
TP 661	103
RC 661	103
TP 661 Top	104
RC 661 Top	104
TP 661 Fasttext	104
TP 663	105
TP 911	103
TP 911 Top	104

and variants

Programming:
Press the Standby and OK buttons simultaneously. Release the buttons and enter the 3-digit code.



TV Control 2
Part No.: 72011 602 0000

replaces the following types:

Type	Code
TVP 1	122
TVP 2	123
TP 15	117
TP 85	113
TP 200	113
TP 300	113
TP 300 Text	113
TP 310	113
TP 360	113
TP 370	113
TP 380	113
TP 390	115
TP 400	113
TP 500 Antiope	114
TP 500 AT Antares	113
TP 500	113
TP 590 VT	115
TP 600	115
TP 610	116
TP 611	116
RC 611	116
TP 630	116
TP 650	116
TC 650	116
TP 660	116
TC 660	116
TP 660 Top/Fast	119

and variants

Programming:

Press the Standby and OK buttons simultaneously. Release the buttons and enter the 3-digit code.



Video Control 1
Part No.: 72011 610 0000

replaces the following types:

Type	Code
RP 4	205
RP 6	201
RC 6	201
RP 50	205
VP 386	202
VP 615	206
RC 615	206

and variants

Programming:
 Press the Standby and OK buttons simultaneously. Release the buttons and enter the 3-digit code.



SAT Control 1
Part No.: 72011 620 0000

replaces the following types

Type	Code
TP DSR	302
RC SAT	301
RC 200 SAT	301
RC 201	301
RC 212	301
RC 300	301

and variants

Programming:
 Press the Standby and OK buttons simultaneously. Release the buttons and enter the 3-digit code.



Telepilot 807 C
Part No.: 29642 061 1700

replaces the following types:

Type

- TP 720
- TP 760
- TP 770

and variants

No programming needed!

General Part



**Video Control LCD
Part No.: 72011 615 0000**

replaces the following types:

Type	Code
RP 5 LCD	1
RP 6 LCD	1
RP 13 LCD	2
RP 20 LCD	3
RP 25 LCD	4
RP 30 LCD	5
RP 33 LCD	6
RP 35 LCD	6
RC 60 LCD	7
RP 65 LCD	1
RP 70 LCD	1
RC 70 LCD	1
RC 75 LCD	7
RP 75 LCD	7
RP 85 LCD	8
RP 90 LCD	7
RP 95 LCD	7
RP 130 LCD	2

and variants

Programming:
Insert battery -> SEL in display -> enter the code and confirm with OK.

The handling of the remote controls not mentioned before remains unchanged.

We recommend our dealers to build up appropriate stocks of these six types for immediate customer support in the case of repairs.

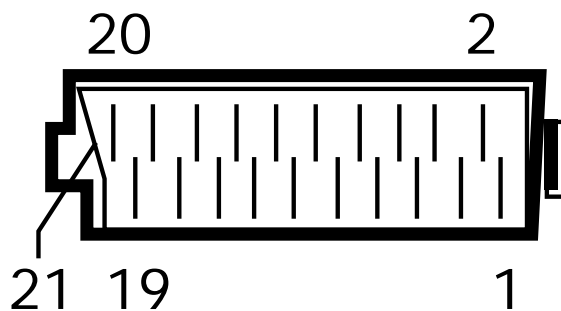
The remote controls are offered in a pleasing sales packing with all operating and coding information printed on it.

Pinning of Sockets and Plugs

Pinning of the EURO-AV Socket

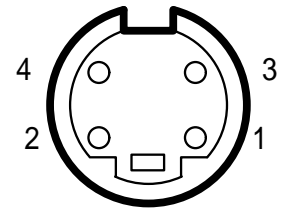
The following table helps you to establish a standard connection of your television receiver to additional equipment on request (e.g. computer, amplifier).

Pin	=	Signal
1	=	Audio output right
2	=	Audio input right
3	=	Audio output left
4	=	Audio ground
5	=	Blue ground
6	=	Audio input left
7	=	RGB Blue input, chroma input/output with SVHS
8	=	Switching voltage 6V (16:9), 12V (4:3)
9	=	Green ground
10	=	Data lead MEGALOGIC
11	=	RGB Green input
12	=	Data
13	=	Red ground
14	=	Ground
15	=	RGB Red input, chroma input/output with SVHS
16	=	RGB switching voltage (1V Fastblanking)
17	=	Video ground
18	=	RGB switching voltage ground
19	=	CCVS output
20	=	CCVS / Y input
21	=	Shielding/ground



Pinning of Hosiden Socket (S-Video)

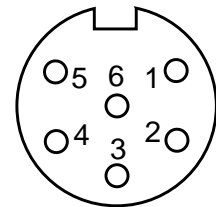
Pin		Signal
1	=	Ground
2	=	Ground
3	=	Y-signal
4	=	Chroma signal



Top View

Pinning of DIN-AV Socket

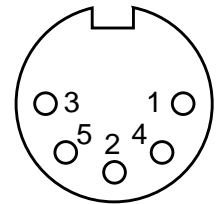
Pin		Signal
1	=	Switching voltage on playback
2	=	CCVS signal
3	=	Ground
4	=	Audio left
5	=	Operating voltage for video adapter
6	=	Audio right



Top View

Pinning of DIN-Audio Socket

Pin		Signal
1	=	Record left and mono
2	=	Ground
3	=	Playback left and mono
4	=	Record left
5	=	Playback right



Top View

Pinning of Jack Plug

Pin		Signal
1	=	Ground
2	=	AF right
3	=	AF left



Pinning of ISO Standard Connector Blocks for Car Radios

(I: Additional connector block for Grundig products only)

I: Additional block

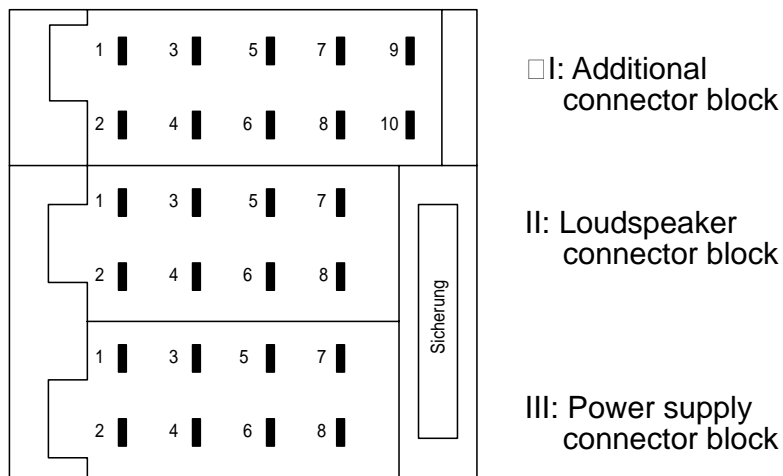
Pin	=	Signal
1	=	TXD
2	=	RXD
3	=	+A CD changer
4	=	+U CDchanger
5	=	GND
6	=	GND
7	=	Line out FR
8	=	Line out RR
9	=	Line out FL
10	=	Line out RL

II: Loudspeaker connector block

Pin	=	Signal
1	=	RR+
2	=	RR-
3	=	FR+
4	=	FR-
5	=	FL+
6	=	FL-
7	=	RL+
8	=	RL-

III: Power supply connector block

Pin	=	Signal
1	=	SCV
2	=	Telephone mute
3	=	not used
4	=	Ignition (contact 15)
5	=	Automatic aerial
6	=	Illumination
7	=	+14V (contact 30)
8	=	GND



Top View

Pinning of ISO Standard Connector Blocks for Car Radios

(I: Additional connector block for Grundig products fonly)

I: Additional connector

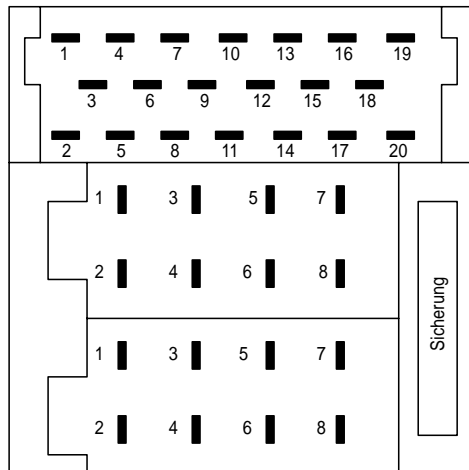
Pin	Signal
1	= Line out RL
2	= Line out RR
3	= Line out GND
4	= Line out FL
5	= Line out FR
6	= +Booster
7	= RXD
8	= TXD
9	= GND
10	= Subwoofer NF
11	= Aux IN
12	= Aux GND
13	= CD-bus
14	= not used
15	= CD-bus GND
16	= +A CD changer
17	= +U CD changer
18	= CD-NF GND
19	= CD-NF left
20	= CD-NF right

II: Loudspeaker connector block

Pin	Signal
1	= RR+
2	= RR-
3	= FR+
4	= FR-
5	= FL+
6	= FL-
7	= RL+
8	= RL-

III: Power supply connector block

Pin	Signal
1	= SCV
2	= Telephone mute
3	= not used
4	= Ignition (contact 15)
5	= Automatic aerial
6	= Illumination
7	= +14V (contact 30)
8	= GND



□ I: Additional connector block

□ II: Loudspeaker connector block

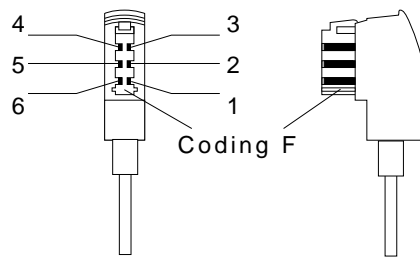
□ III: Power supply connector block

Top View

**TAE-plug (F-coded)
with integrated Western socket**

Standardized contact configuration
(TAE-plug)

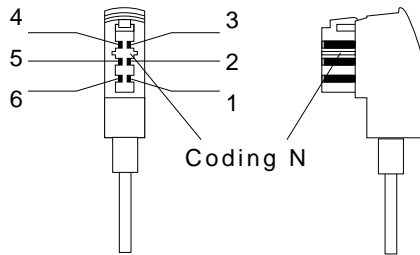
- 1 --> A 4 --> E
 - 2 --> B 5 --> NC
 - 3 --> W2 6 --> NC
- (NC = not connected)



**TAE-plug (N-coded)
with integrated Western socket**

Standardized contact configuration
(TAE-plug)

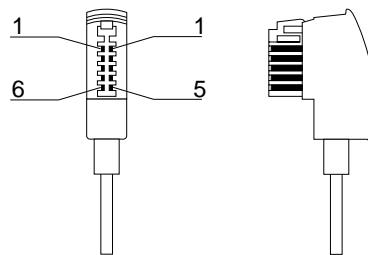
- 1 --> A 4 --> E
- 2 --> B 5 --> B1
- 3 --> W2 6 --> A1



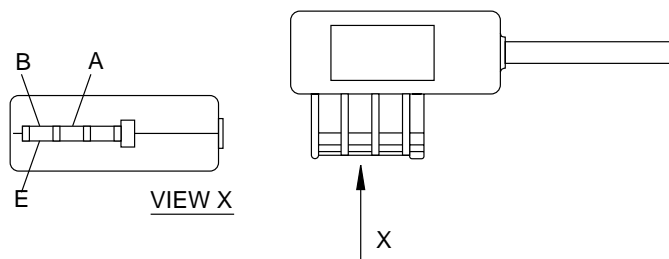
Connecting plug for Austrian variant

Contact configuration

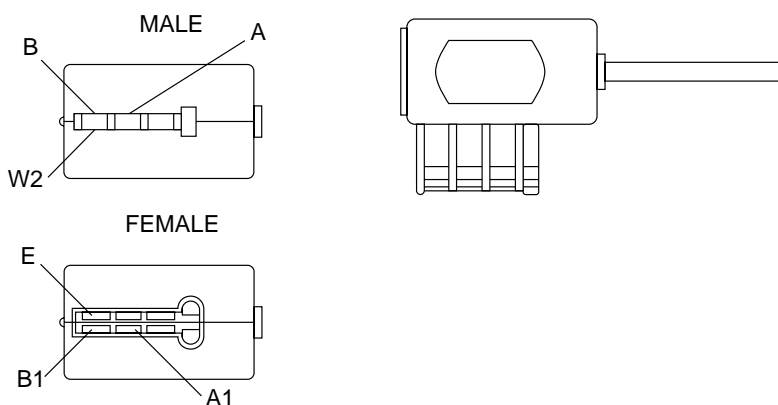
- 1 --> A 6 --> B1
 - 2 --> E 7 --> NC
 - 3 --> W2 8 --> NC
 - 4 --> NC 9 --> NC
 - 5 --> B 10 --> A1
- (NC = not connected)



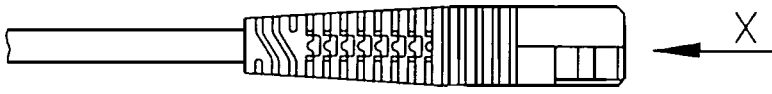
Connecting plug for French variant 1



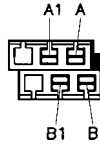
Connecting plug for French variant 2



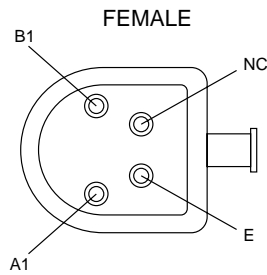
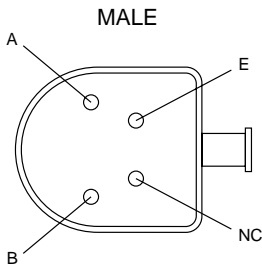
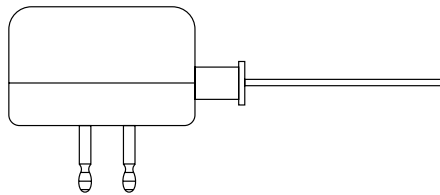
Connecting plug for Swiss variant



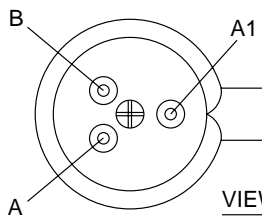
VIEW X



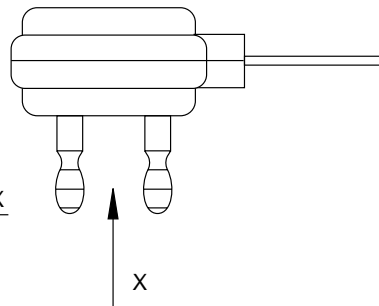
Connecting plug for Dutch variant



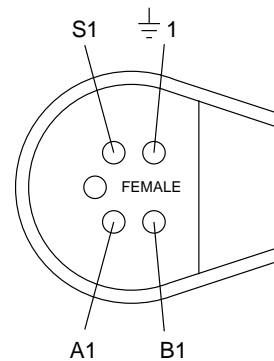
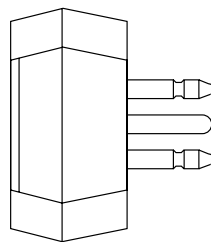
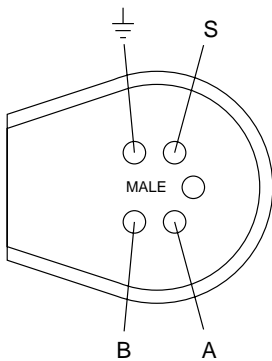
Connecting plug for Italian variant



VIEW X



Connecting plug for Belgian Variant



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Frequencies and Standards

Allocation of Frequencies

151 - 285 kHz	2001 - 1050 m	Long Wave
536 - 1605 kHz	560 - 189 m	Medium Wave
5,95 - 26,1 MHz	50 - 11,5 m	Short Wave
41 - 68 MHz	Channel Width 7 MHz	VHF-TV Band I
87,5 - 108 MHz	Channel Width 100 kHz	VHF-UKW Band II
174 - 223 MHz	Channel Width 7 MHz	VHF-TV Band III
470 - 606 MHz	Channel Width 8 MHz	UHF-TV Band IV
606 - 854 MHz	Channel Width 8 MHz	UHF-TV Band V

TV

General Television Standards

Standard	Lines	Channel Width in MHz	Video Band-width in MHz	Vision/Sound Spacing in MHz	Residual Side-band in MHz	Colour Sub-carrier in MHz (PAL)	Vision Modulation	Sound Modulation
A	405	5	3	-3,5	0,75	-	Pos	AM
B	625	7	5	+ 5,5	0,75	4,43	Neg	FM
C	625	7	5	+ 5,5	0,75	4,43	Pos	AM
D	625	8	6	+ 6,5	0,75	-	Neg	FM
E	819	14	10	+ 11,15	2	-	Pos	AM
F	819	7	5	+ 5,5	0,75	-	Pos	AM
G	625	8	5	+ 5,5	0,75	4,43	Neg	FM
H	625	8	5	+ 5,5	1,25	4,43	Neg	FM
I	625	8	5,5	+ 6,0	1,25	4,43	Neg	FM
K	625	8	6	+ 6,5	0,75	4,43	Neg	FM
K'	625	8	6	+ 6,5	1,25	4,43	Neg	FM
L	625	8	6	+ 6,5	1,25	4,43	Pos	AM
M	525	6	4,2	+ 4,5	0,75	3,576 *)	Neg	FM
N	625	6	4,2	+ 4,5	0,75	3,582	Neg	FM

50 Hz field frequency, 60 Hz only Standard M *) NTSC = 3.579 MHz

Band IV/V - European and African Standards

(only 625 lines, channel bandwidth 8 MHz)

Standard	Video Band-width MHz	Vision/Sound Spacing MHz	Residual Side band MHz	Vision Modulation	Sound Modulation MHz	Colour Sub-carrier	Picture/Sound Radio
G	5	5,5	0,75	Neg	FM	4,43	5:1
H	5	5,5	1,25	Neg	FM	4,43	5:1
I	5,5	6	1,25	Neg	FM	4,43	5:1
K	6	6,5	0,75	Neg	FM	4,43	5:1
L	6	6,5	1,25	Pos	AM	4,43	8:1

Satellite Bands

Designation	Frequency Range GHz
C-Band	3,6-4,2
Ku-Bands	10,7-12,75

Standards and Channels

Standard A

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
Ch 1	45,0	41,5	Ch 7	184,75	181,25
Ch 2	51,75	48,25	Ch 8	189,75	186,25
Ch 3	56,75	53,25	Ch 9	194,75	191,25
Ch 4	61,75	58,25	Ch 10	199,75	196,25
Ch 5	66,75	63,25	Ch 11	204,75	201,25
Ch 6	179,75	176,25	Ch 12	209,75	206,25

Standard B/C/F/G

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
	Band I		Ch 37	599,25	604,75
Ch 1	46,25	51,75	Ch 38	607,25	612,75
Ch 2	48,25	53,75	Ch 39	615,25	620,75
Ch 3	55,25	60,75	Ch 40	623,25	628,75
Ch 4	62,25	67,75	Ch 41	631,25	636,75
	Band III		Ch 42	639,25	644,75
Ch 5	175,25	180,75	Ch 43	647,25	652,75
Ch 6	182,25	187,75	Ch 44	655,25	660,75
Ch 7	189,25	194,75	Ch 45	663,25	668,75
Ch 8	196,25	201,75	Ch 46	671,25	676,75
Ch 9	203,25	208,75	Ch 47	679,25	684,75
Ch 10	210,25	215,75	Ch 48	687,25	692,75
Ch 11	217,25	222,75	Ch 49	695,25	700,75
Ch 12	224,25	229,75	Ch 50	703,25	708,75
	Band IV/V acc. to Standard H		Ch 51	711,25	716,75
Ch 21	471,25	476,75	Ch 52	719,25	724,75
Ch 22	479,25	484,75	Ch 53	727,25	732,75
Ch 23	487,25	492,75	Ch 54	735,25	740,75
Ch 24	495,25	500,75	Ch 55	743,25	748,75
Ch 25	503,25	508,75	Ch 56	751,25	756,75
Ch 26	511,25	516,75	Ch 57	759,25	764,75
Ch 27	519,25	524,75	Ch 58	767,25	772,75
Ch 28	527,25	532,75	Ch 59	775,25	780,75
Ch 29	535,25	540,75	Ch 60	783,25	788,75
Ch 30	543,25	548,75	Ch 61	791,25	796,75
Ch 31	551,25	556,75	Ch 62	799,25	804,75
Ch 32	559,25	564,75	Ch 63	807,25	812,75
Ch 33	567,25	572,75	Ch 64	815,25	820,75
Ch 34	575,25	580,75	Ch 65	823,25	828,75
Ch 35	583,25	588,75	Ch 66	831,25	836,75
Ch 36	591,25	596,75	Ch 67	839,25	844,75
			Ch 68	847,25	852,75
			Ch 69	855,25	860,75

Standard D *)

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
Ch 1	49,75	56,25	Ch 7	183,25	189,75
Ch 2	59,25	65,75	Ch 8	191,25	197,75
Ch 3	77,25	83,75	Ch 9	199,25	205,75
Ch 4	85,25	91,75	Ch 10	207,25	213,75
Ch 5	93,25	99,75	Ch 11	215,25	221,75
Ch 6	175,25	181,75	Ch 12	223,25	229,75

*) UHF channels and vision carriers like Standard B, vision to sound carrier spacing + 6,5 MHz each

Standard E

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
Ch 2	52,4	41,25	Ch 8	185,25	174,1
Ch 4	65,55	54,4	Ch 8A	186,55	175,4
Ch 5	164	175,15	Ch 9	190,3	201,45
Ch 6	173,4	162,25	Ch 10	199,7	188,55
Ch 7	177,15	188,3	Ch 11	203,45	214,6
			Ch 12	212,85	201,7

Standard I

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
A	45,75	51,75			
B	53,75	59,75			
C	61,75	67,75	Ch 21	471,25	477,25
D	175,25	181,25	Ch 22	479,25	485,25
E	183,25	189,25			
F	191,25	197,25		up to *	
G	199,25	205,25			
H	207,25	213,25	Ch 67	839,25	845,25
I	215,25	221,25	Ch 68	847,25	853,25

*Channel allocation and vision carriers like Standard B. Vision to sound carrier spacing + 6 MHz each.

Standard K' (French overseas territories)

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
Ch 4	175,25	181,75	Ch 7	199,25	205,75
Ch 5	183,25	189,75	Ch 8	207,25	213,75
Ch 6	191,25	197,75	Ch 9	215,25	221,75

Standard M/N

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
Ch 1	-	-	Ch 8	181,25	185,75
Ch 2	55,25	59,75	Ch 9	187,25	191,75
Ch 3	61,25	65,75	Ch 10	193,25	197,75
Ch 4	67,25	71,75	Ch 11	199,25	203,75
Ch 5	77,25	81,75	Ch 12	205,25	209,75
Ch 6	83,25	87,75	Ch 13	211,25	215,75
Ch 7	175,25	179,75	Ch 14	471,25	475,75
			Ch 83	885,25	889,75

Channel Allocation - Italy (otherwise Standard B)

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
A	53,75	59,25	E	183,25	189,75
B	62,25	67,75	F	192,25	197,75
C	82,25	87,75	G	201,25	206,75
D	175,25	180,75	H	210,25	215,75
			H 1	217,25	222,75

Channel Allocation - Morocco (otherwise Standard B)

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
M 4	163,25	168,75	M 8	195,25	200,75
M 5	171,25	176,75	M 9	203,25	208,75
M 6	179,25	184,75	M 10	211,25	216,75
M 7	187,25	192,75			

Channel Allocation - Australia (otherwise B)

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
Ch 0	46,25	51,75	Ch 6	175,25	180,75
Ch 1	57,25	62,75	Ch 7	182,25	187,75
Ch 2	64,25	69,75	Ch 8	189,25	194,75
Ch 3	86,25	91,75	Ch 9	196,25	201,75
Ch 4	95,25	100,75	Ch 10	209,25	214,75
Ch 5	102,25	107,75	Ch 11	216,25	221,75
Ch 5A	138,25	143,75			

Channel Allocation - New Zealand (otherwise Standard B)

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
Ch 1	45,25	50,75	Ch 6	189,25	194,75
Ch 2	55,25	60,75	Ch 7	196,25	201,75
Ch 3	62,25	67,75	Ch 8	203,25	208,75
Ch 4	175,25	180,75	Ch 9	210,25	215,75
Ch 5	182,25	187,75			

Channel Allocation - Japan (otherwise Standard M)

	Picture MHz	Sound MHz		Picture MHz	Sound MHz
Ch 1	91,25	95,75	Ch 10	205,25	209,75
Ch 2	97,25	101,75	Ch 11	211,25	215,75
Ch 3	103,25	107,75	Ch 12	217,25	221,75
Ch 4	171,25	175,75			
Ch 5	177,25	181,75	Ch 33	591,25	595,75
Ch 6	183,25	187,75			
Ch 7	189,25	193,75			
Ch 8	193,25	197,75			
Ch 9	199,25	203,75	Ch 62	765,25	769,75



Television Standards of the World (as far as known to us)

with indication of the mains voltage and mains frequency

Country	b/w	Colour	Mains Voltage Volt	Mains Frequency Hz
Afghanistan	B	PAL	220	50
Albania	B/G	PAL	220	50
Algeria	B/H	PAL	127-220	50
Angola	I	PAL	220	50
Antigua	M	NTSC	230	50
Argentina	N 1)	PAL	220	50
Australia	B/H 1)	PAL	240	50
Austria	B/G	PAL	220	50
Azores	B	PAL	220	50
Bahamas	M	NTSC	120	60
Bahrain	B	PAL	230	50-60
Bangladesh	B	PAL	220-230	50
Barbados	N	NTSC	110-220	50
Belgium	B/H	PAL	220	50
Benin	K'	SECAM	220	50
Bermuda	M	NTSC	115-120	60
Bolivia	N	NTSC	115-230	50-60
Botswana	I 1)	PAL	220	50
Brasil	M	PAL	220	60
Brunei	B	PAL	230	50
Bulgaria	D/K	SECAM (B/Z)	220	50
Burkina Fasso	K'	SECAM	220	50
Burkina Fasso (Upper Volta)	K'	SECAM	220	50
Burma	M	NTSC	220	50
Burundi	K1	SECAM	220	50
Cambodia	B/G	PAL	120-220	50
Cameron	B/G	PAL	127-220	50
Canada	M	NTSC	120	60
Canary Islands	B/G	PAL	127-220	50
Central African Republic	K	SECAM	220	50
Chad	K'	SECAM	220	50
Chile	M	NTSC	220	50
China (People's Republic)	D/K	PAL	220	50
Colombia	M	NTSC	120	60
Congo (Republic)	K'	SECAM	220	50
Costa Rica	M	NTSC	120	60
Croatia	B/G	PAL	220	50
Cuba	M	NTSC	115-120	60
Cyprus	B/G	SECAM (Z) + PAL	240	50
Czechia	D/K	PAL	220	50
Denmark	B/G	PAL	220	50
Djibouti	K'	SECAM	220	50
Dominican Republic	M	NTSC	110	60
Ecuador	M	NTSC	110-220	60
Egypt	B/H	SECAM	110-220	50
El Salvador	M	NTSC	115	60
Ethiopia	B/G	PAL	220	50
Fiji Islands	B	PAL	240	50
Finland	B/G	PAL	230	50
France	E/L	SECAM (Z)	220	50
Gabon	K'	SECAM	220	50
Germany	B/G	PAL	230	50
Ghana	B	PAL	220	50
Gibraltar	B/H	PAL	240	50
Great Britain	A/I	PAL	210-240	50

1) Channels are differing! (B) = Field identification (Z) = Line identification

Country	b/w	Colour	Mains Voltage Volt	Mains Frequency Hz
Greece	B/H	PAL	220	50
Greenland	M	NTSC	220	50
Guadelope	K'	SECAM	220	50
Guatemala	M	NTSC	110-220	60
Guayana (French)	K'	SECAM	220	50
Guinea Republic	K'	SECAM	220	50
GUS states (former)	D/K	SECAM (B/Z)	127-220	50
Haiti	M	NTSC	110-220	50-60
Hawaii	M	NTSC	120	60
Honduras	M	NTSC	110-220	60
Hong Kong	I	PAL	220	50
Hungary	D/K	PAL	220	50
Iceland	B/G	PAL	220	50
India	B	PAL	220	50
Indonesia	B	PAL	220	50
Iran	B/G	SECAM (Z)	220	50
Iraq	B	SECAM (Z)	220	50
Ireland (Republic)	I	PAL	220	50
Israel	B/G	PAL	230	50
Italy	B/G	PAL	127-220	50
Ivory Coast	K'	SECAM (B)	220	50
Jamaica	M	NTSC	220	50
Japan	M 1)	NTSC	100-200	50/60
Jordan	B/G	PAL	220	50
Kenya	B	PAL	240	50
Korea (People's Republic)	D	SECAM	100-200	50
Korea (Republic)	M	NTSC	220	60
Kuwait	B/G	PAL	240	50
Laos	M	PAL	127-220	50
Lebanon	B	SECAM (Z)	110-220	50
Liberia	B	PAL	120	60
Libya	B/H	SECAM (Z)	127-230	50
Luxembourg	B/G/L	PAL/SECAM (Z)	120-220	50
Madagascar	K'	SECAM	127-220	50
Madeira	B	PAL	220	50
Malaysia	B/G	PAL	240	50
Maldive Islands	B	PAL	230	50
Malta	B/H	PAL	240	50
Martinique	K'	SECAM (B)	220	50
Mauritania	K'	SECAM	220	50
Mauritius	B	SECAM	230	50
Mexico	M	NTSC	120	60
Monaco	E/L/G	PAL/SECAM (B/Z)	127-220	50
Mongolia	D	SECAM (B/Z)	220	50
Morocco	B/H	SECAM (B)	115-230	50
Mozambique	B	PAL	220	50
Netherlands	B/G	PAL	220	50
Netherlands Antilles	M	NTSC	115-223	50-60
New Caledonia	K'	SECAM	220	50
New Zealand	B1)	PAL	240	50
Nicaragua	M	NTSC	120	60
Niger	K'	PAL	220	50
Nigeria	B/I	PAL	230	50
Norway	B/G	PAL	230	50
Oman	B/G	PAL	220	50

1) Channels are differing! (B) = Field identification (Z) = Line identification

Country	b/w	Colour	Mains Voltage Volt	Mains Frequency Hz
Pakistan	B	PAL	220-230	50
Panama	M	NTSC	120	60
Paraguay	N	PAL	220	50
Peru	M	NTSC	220	60
Philippines	M	NTSC	220	60
Poland	D/K	PAL	220	50
Portugal	B/G	PAL	220	50
Puerto Rico	M	NTSC	120	60
Quatar	B	PAL	240	50
Republic of South Africa	I1)	PAL	230	50
Rumania	D/K	PAL	220	50
Rwanda	K'	PAL/SECAM	220	50
Samoa	M	NTSC	230	50
Saudi Arabia	B/G	PAL/SECAM (Z)	220	50-60
Senegal	K'	SECAM	127-220	50
Sierra Leone	B	PAL	220	50
Singapore	B/G	PAL	230	50
Slovakia	D/K	PAL	220	50
Slovenia	B/G	PAL	220	50
Somalia	B/G	PAL	110-230	50
Spain	B/G	PAL	127-220	50
Sri Lanka	B/H	PAL	220	50
St. Pierre and Miquel	K'	SECAM		
Sudan	B	PAL	240	50
Surinam	M	NTSC	110-127	60
Swaziland	B/G	PAL	230	50
Sweden	B/G	PAL	220	50
Switzerland	B/G	PAL	220	50
Syria	B	PAL	115-220	50
Tahiti	K'	SECAM	120-240	60
Taiwan	M	NTSC	120	60
Tanzania	B	PAL	230	50
Thailand	B/G	PAL	220	50
Togo	K'	SECAM	127-220	50
Trinidad and Tobago	M	NTSC	115-230	60
Tunisia	B/G	SECAM	127-220	50
Turkey	B/G	PAL	220	50
Uganda	B/G	PAL	240	50
United Arab Emirates	B/G	NTSC	220-240	50
Uruguay	N	PAL	220	50
USA	M	NTSC	110	60
Venezuela	M	NTSC	120	60
Vietnam	D/M	NTSC/SECAM	120-230	50
Virgin Islands	M	NTSC	120	60
Yemen (Republic)	B	PAL	220	50
Yugoslavia (former)	B/G	PAL	220	50
Zaire	K'	SECAM	220	50
Zambia	B	PAL	220	50
Zanzibar	I	PAL	230	50
Zimbabwe	B/G	PAL	220	50

1) Channels are differing! (B) = Field identification (Z) = Line identification

Notes:

1. For countries where several mains voltage levels are applicable because of regional differences, the lowest and highest value is given.
2. Two mains frequencies are stated for countries where two frequencies are possible.

Important for the Selection of Special Channels with non-directly indicating Colour TVs and VCRs with Frequency Synthesizer and Cable Tuner

All German-language transmitters (Federal Republic of Germany, Austria) are directly indicated with their channel numbers. Exceptions may exist for transmitters which are converted into other frequency ranges by converters (e.g. reception by cable). The table given below shows the allocation of the channel numbers to special channels of public cable television systems.

Channel No. Indication	Special Channel	Vision Carrier Frequency (MHz)	Band
81	S 1	105,25	Lower Special Channel Band "USB"
82	S 2	112,25	
83	S 3	119,25	
84	S 4	126,25	
85	S 5	133,25	
86	S 6	140,25	
87	S 7	147,25	
88	S 8	154,25	
89	S 9	161,25	
90	S 10	168,25	
91	S 11	231,25	Upper Special Channel Band "OSB"
92	S 12	238,25	
93	S 13	245,25	
94	S 14	252,25	
95	S 15	259,25	
96	S 16	266,25	
97	S 17	273,25	
98	S 18	280,25	
99	S 19	287,25	
00	S 20	294,25	
74		69,25	Special Channel Band Belgium
75		76,25	
76		83,25	
77		90,25	
78		97,25	
79		59,25	OIRT Channels
80		93,25	

Hyperband in Germany

GRUNDIG television receivers fitted with the Tuner 29504-101.01/ .06 can receive the Hyperband channels S21 - S25 only by means of a hyperband converter. This converter can be obtained from:

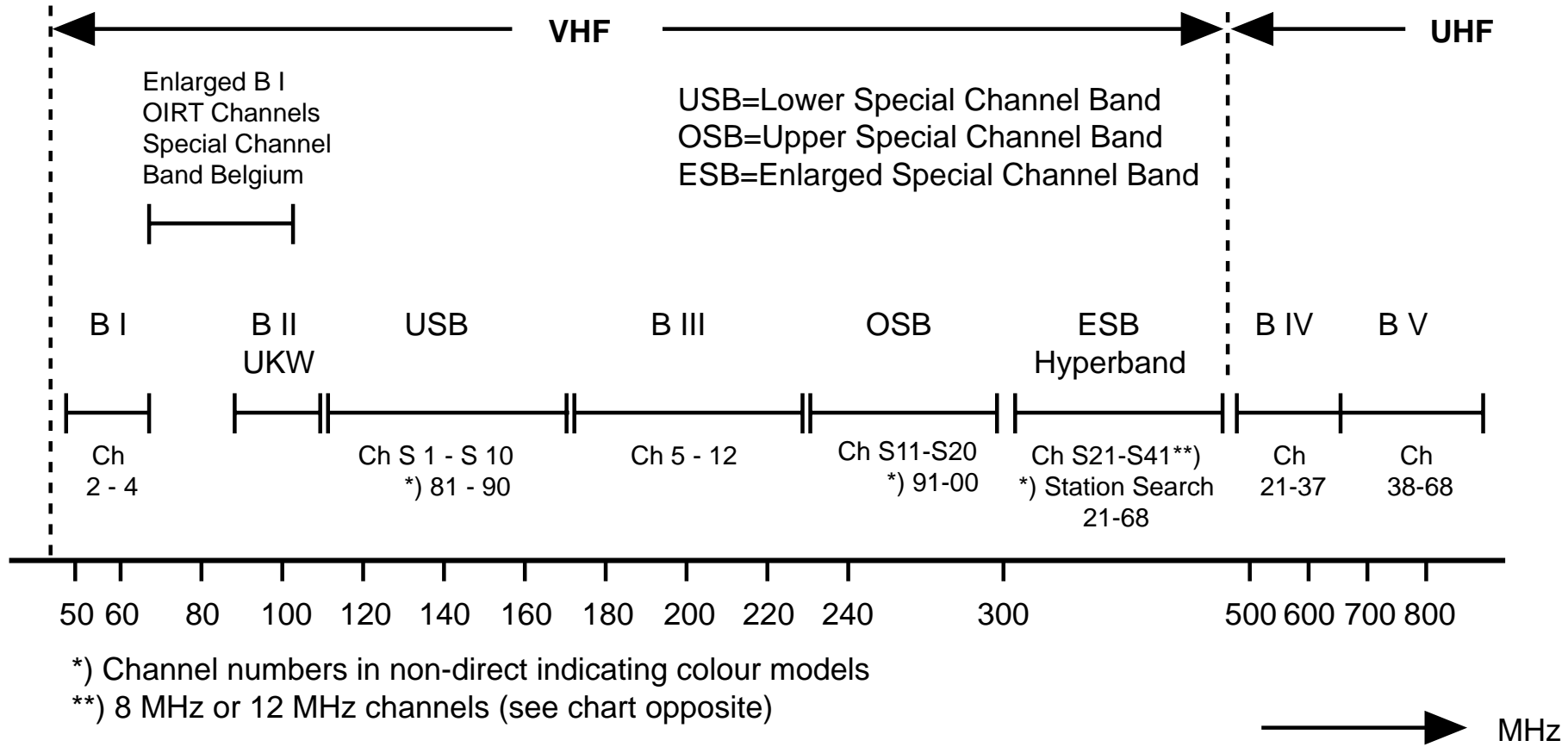
Elektronic Thoma GmbH, Friedhofweg 5, D-91599 Dentlein,
Tel. ++49 9855/9777-0 FAX 09855/977720

TV

Special Channel	8 MHz Channels		12 MHz Channels	Band
	Vision Carrier (MHz)	Sound Carrier(MHz)	Carrier	
S 21	303,25	308,75	303,25	Extended Special Channel Band "ESB"
S 22	311,25	316,75	315,25	
S 23	319,25	324,75	327,25	
S 24	327,25	332,75	339,25	
S 25	335,25	340,75	351,25	
S 26	343,25	348,75	363,25	
S 27	351,25	356,75	375,25	
S 28	359,25	364,75	387,25	
S 29	367,25	372,75	399,25	
S 30	375,25	380,75	411,25	
S 31	383,25	388,75	423,25	
S 32	391,25	396,75	435,25	
S 33	399,25	404,75	447,25	
S 34	407,25	412,75	459,25	
S 35	415,25	420,75		
S 36	423,25	428,75		
S 37	431,25	436,75		
S 38	439,25	444,75		
S 39	447,25	452,75		
S 40	455,25	460,75		
S 41	463,25	468,75		

Subject to alterations!

Channel Overview



TV

TV Chassis Chart

Models produced from 1994/95 to 1999/2000 in alphabetical order

TV	Chassis	Tele-Pilot®	Module Chart page
ARGANTO 70 MW70-500 IRDT (VNM)	CUC 2059 D	TP 815 C	2.34
ARGANTO 70 MW70-505 IRDT/DPL (VNM)	CUC 2059 D	TP 815 C	2.34
ARGANTO 70 MW70-510/8 DPL (VNM)	CUC 1930	TP 850 C	2.38
ARGANTO 82 MW 82-500 IRDT (VNM)	CUC 2058 D	TP 815 C	2.34
ARGANTO 82 MW82-505 IRDT/DPL (VNM)	CUC 2058 D	TP 815 C	2.34
ARGANTO 82 MW82-510/8 DPL (VNM)	CUC 1931 (Basic 3)	TP 850 C	2.38
ARGANTO 82 MW82-520/9 PALplus	CUC 1983 (digi 6)	TP 850 C	2.39
ATLANTA SE 7220 IDTV/LOG	CUC 1826 (Basic+)	TP 900	2.29
ATLANTA SE 7220 IDTV/PIP	CUC 1830 (Basic++)	TP 900	2.33
ATLANTA SE 7289 IDTV/LOG	CUC 1826 (Basic+)	TP 900	2.25/.26
ATLANTA SE7250 PIP DOLBY (VNM)	CUC 1832 (Basic 3)	TP 910 C	2.38
ATLANTA SE7250/8 DOLBY (VNM)	CUC 1832 (Basic 3)	TP 910 C	2.38
BERLIN SE 70-100/8	CUC 1828 (Basic++)	TP 900	2.29
BERLIN SE 7027/8 PIP	CUC 1828 (Basic++)	TP 900	2.33
BERLIN SE 7290 IDTV/LOG	CUC 1822 (digi 5)	TP 771	2.25/.26
BERLIN SE7050/8 PIP/DOLBY	CUC 1930 (Basic 3)	TP 910 C	2.38
BOSTON SE 7090 IDTV/LOG	CUC 1826 (Basic+)	TP 900	2.29
BOSTON SE 7090/8 IDTV/LOG	CUC 1826 (Basic+)	TP 900	2.29
BOSTON ST 170 IDTV	CUC 1824 (digi 5)	TP 760	2.22
BOSTON ST 270 IDTV/LOG	CUC 1825 (Basic)	TP 900	2.25/.26
BOSTON ST 270/8 IDTV/LOG	CUC 1825 (Basic)	TP 900	2.25/.26
COPENHAGEN ST 763 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.25/.26
DAVIO 55 M55-290/8 IDTV	CUC 1806 (Basic++)	TP 800	2.37
DAVIO 55 ST55-855 NIC/TOP (VNM)	CUC 2021 N	TP 715/750 C	2.36
DAVIO 70 M70-290/8 IDTV (VNM)	CUC 1836 (Basic++)	TP 800/TP 810C	2.37
DAVIO 70 M70-290IDTV (VNM)	CUC 1836 (Basic++)	TP 800	2.37
DAVIO 70 ST70-853 NIC/PIP (VNM)	CUC 2050 N	TP 800	2.36
DAVIO 70 ST70-870 FR/TOP (VNM)	CUC 2035 F	TP 715	2.36
DENVER SE 82-100 PALplus	CUC 1984 (digi 6)	TP 900	2.29
DENVER SE 82-100 PALplus (with double window)	CUC 1984 (digi 6)	TP 900	2.33
DENVER SE 8216/9 PALplus	CUC 1984 (digi 6)	TP 900	2.29
DENVER SE 8216/9 PIP Reference	CUC 1984 (digi 6)	TP 900	2.25/.26
DENVER SE 8250/8 PIP/DOLBY (VNM)	CUC 1931 (Basic 3)	TP 910 C	2.38
E 55-700 TOP/LOG TV-Max	CUC 6450 (Stereo)	TP 720	2.20
E 55-700/9 TOP/LOG TV-Max	CUC 6450 (Stereo)	TP 720	2.20
E 72-170 IDTV Elegance	CUC 1822 (digi 5)	TP 770	2.22
E 72-911 DPL/IDTV	CUC 1861 (digi 5)	TP 770	2.22
GREENVILLE 100 SE 7030 (/VNM)	CUC 1836 (Basic++)	TP 900	2.37
GREENVILLE 37 SP 737 text	CUC 7350 (Stereo)	TP 720	2.22
GREENVILLE 370 SE 3780 text	CUC 7303 (Mono)	TP 715	2.33
GREENVILLE 55 T 5574 TOP	CUC 7300 (Mono)	TP 720	2.22
GREENVILLE 550 SE 5586 TOP	CUC 2020 (Stereo)	TP 715	2.33
GREENVILLE 560 SE5587 TOP	CUC 2021	TP 715	2.36
GREENVILLE 70 ST 1770 TOP	CUC 6360 (Stereo)	TP 720	2.22
GREENVILLE 7002 text	CUC 6330 (Stereo)	TP 900	2.25/.26
GREENVILLE 7002/8 text	CUC 6330 (Stereo)	TP 900	2.25/.26
GREENVILLE 7003 NIC/TOP	CUC 2030N (Stereo)	TP 900	2.29
GREENVILLE 7003 text	CUC 2030 (Stereo)	TP 900	2.29
GREENVILLE 7004 NIC/TOP	CUC 2050 (Stereo)	TP 900	2.33
GREENVILLE 7005 TOP (VNM)	CUC 2032	TP 900	2.35
HAMBURG ST 770/9 TOP	CUC 6360 (Stereo)	TP 720	2.22
LISSABON SE 5576 text	CUC 7350 (Stereo)	TP 720	2.25/.26
M 55-280/8 a IDTV/LOG	CUC 1806 (Basic++)	TP 800	2.30
M 55-280/8 IDTV/LOG	CUC 1805 (Basic)	TP 800	2.27
M 61-1690 DPL	CUC 6469 (Stereo)	TP 720	2.20
M 61-1690 TOP/LOG	CUC 6369 (Stereo)	TP 760	2.23

TV	Chassis	Tele-Pilot®	Module Chart page
M 63-115/9 IDTV	CUC 1822 (digi 5)	TP 770	2.21
M 63-280 IDTV/LOG	CUC 1825 (Basic)	TP 800	2.23
M 63-280/8 IDTV/LOG	CUC 1825 (Basic)	TP 800	2.23
M 63-281 IDTV/LOG	CUC 1826 (Basic+)	TP 800	2.27
M 63-281 IDTV/LOG /from 7/98	CUC 1836 (Basic++)	TP 800	2.31
M 63-281/8 IDTV/LOG	CUC 1826 (Basic+)	TP 800	2.27
M 63-281/8 IDTV/LOG /from 7/98	CUC 1836 (Basic++)	TP 800	2.31
M 63-776/9 TOP	CUC 6365 (Stereo)	TP 720	2.21
M 70-169/9 IDTV	CUC 1951 (digi 5)	TP 760	2.21
M 70-1690 DPL/IDTV	CUC 1961 (digi 5)	TP 770	2.21
M 70-1690 DPL/IDTV/LOG	CUC 1961 (digi 5)	TP 770	2.24
M 70-1690 TOP/LOG	CUC 6369 (Stereo)	TP 760	2.24
M 70-269 PALplus/LOG	CUC 1962 (digi 6)	TP 800	2.24
M 70-269/9 Referenz	CUC 1952 (digi 6)	TP 800	2.25/.26
M 70-280 IDTV/LOG	CUC 1825 (Basic)	TP 800	2.24
M 70-280/8 IDTV/LOG	CUC 1825 (Basic)	TP 800	2.24
M 70-281 IDTV/LOG	CUC 1826 (Basic+)	TP 800	2.28
M 70-281 IDTV/LOG /from 7/98	CUC 1836 (Basic++)	TP 800	2.32
M 70-281/8 IDTV/LOG	CUC 1826 (Basic+)	TP 800	2.28
M 70-281/8 IDTV/LOG /from 7/98	CUC 1836 (Basic++)	TP 800	2.32
M 70-290 IDTV	CUC 1836 (Basic++)	TP 800	2.32
M 70-290/8 IDTV	CUC 1836 (Basic++)	TP 800	2.32
M 72-100	CUC 1826 (Basic+)	TP 800	2.28
M 72-100 a	CUC 1830 (Basic++)	TP 800	2.32
M 72-100/8	CUC 1826 (Basic+)	TP 800	2.28
M 72-100/8 a	CUC 1830 (Basic++)	TP 800	2.32
M 72-115 IDTV	CUC 1852 (digi 5)	TP 770	2.22
M 72-215 IDTV/Reference	CUC 1852 (digi 5+)	TP 770	2.22
M 72-215/9 IDTV/PIP/Reference	CUC 1852 (digi 5+)	TP 770	2.22
M 72-270 IDTV/LOG Elegance	CUC 1826 (Basic+)	TP 800	2.28
M 72-315 IDTV/Reference	CUC 1852 (digi 5+)	TP 771	2.24
M 72-315/9 IDTV/PIP/Reference	CUC 1852 (digi 5+)	TP 771	2.24
M 72-410 Reference	CUC 1842 (digi 6)	TP 800	2.28
M 72-410 Reference/PIP	CUC 1842 (digi 6)	TP 800	2.28
M 72-410/9 Reference	CUC 1842 (digi 6)	TP 800	2.28
M 82-115/9 IDTV/PIP	CUC 1882 (digi 5)	TP 770	2.22
M 82-169 a PALplus	CUC 1981 (digi 4)	TP 760	2.25/.26
M 82-169/9 IDTV	CUC 1982 (digi 5)	TP 760	2.22
M 82-1690/9 TOP/LOG	CUC 6368 (Stereo)	TP 760	2.25/.26
M 82-269 PALplus/LOG	CUC 1983 (digi 6)	TP 800	2.25/.26
M 82-269/9 Reference	CUC 1984 (digi 6)	TP 800	2.25/.26
M 84-210/8 a IDTV/LOG	CUC 1829 (Basic++)	TP 800	2.33
M 84-210/8 IDTV/LOG	CUC 1827 (Basic+)	TP 800	2.25/.26
M 95-115/9 IDTV/PIP	CUC 1893 (digi 5)	TP 770	2.22
M 95-410/9 Reference/PIP	CUC 1894 (digi 6)	TP 800	2.28
M 95-410/90 Reference	CUC 1894 (digi 6)	TP 800	2.25/.26
M 95-411/9 Reference/PIP	CUC 1894 (digi 6)	TP 800	2.33
M72-798 IDTV	CUC 1830 (Basic++)	TP 800	2.37
M84-211/8 IDTV (VNM)	CUC 1929 (Basic++)	TP 800	2.37
Melbourne SE 7210 a NIC/TOP	CUC 2051N (Stereo)	TP 900	2.33
Melbourne SE 7210 NIC/TOP	CUC 2031N (Stereo)	TP 900	2.29
Melbourne SE 7210 TOP	CUC 2031 (Stereo)	TP 900	2.29
Melbourne SE7212 Top (VNM)	CUC 2033	TP 900	2.35
Miami SE 3780 text	CUC 7303 (Mono)	TP 715	2.33
MW 70-100/8	CUC 1828 (Basic++)	TP 800	2.28
MW 70-269 PALplus	CUC 1952 (digi 6)	TP 800	2.28

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MW 70-269 PALplus (with double window)	CUC 1952 (digi 6)	TP 800	2.32
MW 70-2690 NIC/TOP	CUC 2059N (Stereo)	TP 800	2.32
MW 82-100/9	CUC 1984 (digi 6)	TP 800	2.28
MW 82-100/9 (with double window)	CUC 1984 (digi 6)	TP 800	2.33
MW 82-100/9 PALplus	CUC 1983 (digi 6)	TP 800	2.28
MW 82-100/9 PALplus (with double window)	CUC 1983 (digi 6)	TP 800	2.33
MW 82-2690 NIC/TOP	CUC 2058N (Stereo)	TP 800	2.28
MW 82-50/8	CUC 1929 (Basic++)	TP 800	2.33
MW70-2699 DPL/FT (VNM)	CUC 2059 N	TP 800	2.34
MW70-2699 FR/TOP (VNM)	CUC 2059 F	TP 800	2.34
MW70-2699 NIC/FT (VNM)	CUC 2059 N	TP 810 C	2.34
MW70-2699 NIC/TOP (VNA)	CUC 2059 N	TP 810 C	2.34
MW70-2699 NIC/TOP (VNM)	CUC 2059 N	TP 800	2.34
MW82-2699 DPL/FT (VNM)	CUC 2058 N	TP 800	2.34
MW82-2699 FR/TOP (VNM)	CUC 2059 F	TP 800	2.34
MW82-2699 NIC/FT (VNM)	CUC 2058 N	TP 810 C	2.34
MW82-2699 NIC/TOP (VNA)	CUC 2058 N	TP 810 C	2.34
MW82-2699 NIC/TOP (VNM)	CUC 2058 N	TP 800	2.34
MW82-40/8 (VNM)	CUC 1836 (Basic++)	TP 810 C	2.37
P 37-065	G 1000	TRC 1	2.20
P 37-065/5	CUC 7301 (Mono)	TP 711	2.23
P 37-070	CUC 7301 (Mono)	TP 711	2.20
P 37-071	CUC 7303 (Mono)	TP 711	2.23
P 37-080	CUC 7303 (Mono)	TP 715	2.30
P 37-3035	CUC 7303 (Mono)	TP 711	2.30
P 37-730 text	CUC 7301 (Mono)	TP 711	2.20
P 37-731 text	CUC 7303 (Mono)	TP 711	2.23
P 37-731/12 text	CUC 7305 (Mono)	TP 711	2.23
P 37-732/5 text	CUC 7303 (Mono)	TP 711	2.27
P 37-830 text	CUC 7303 (Mono)	TP 715	2.30
P 37-830/12 text Globetrotter	CUC 7305 (Mono)	TP 715	2.30
P 37-830/4 text	CUC 7303 (Mono)	TP 715	2.30
P 37-842 FR	CUC 7303 (Mono)	TP 715	2.30
P 37-843 FR	CUC 7301 F (Mono)	TP 711	2.20
P 37-845	CUC 7300 F (Mono)	TP 720	2.20
P 37-845 FR/SAT	CUC 7300 F (Mono)	TP 720	2.20
P 37-846 FR/text	CUC 7303F (Mono)	TP 711	2.30
P 37-847 FR/text	CUC 7303F (Mono)	TP 715	2.30
P 3770 text	G 1000	TRC 1	2.20
P 40-64 FR/FM/CL	CUC 6301 F (Mono)	TP FM/CL	2.20
P 40-64/4 FM/CL	CUC 6301 (Mono)	TP FM/CL	2.20
P 45-731 text	CUC 7303 (Mono)	TP 711	2.23
P 45-830 text	CUC 7303 (Mono)	TP 715	2.30
P 45-830/4 text	CUC 7303 (Mono)	TP 715	2.30
P 45-845 FR	CUC 7300 F (Mono)	TP 720	2.20
P 45-846 FR/text	CUC 7300 F (Mono)	TP 711	2.30
P 45-847 FR/text	CUC 7300 F (Mono)	TP 715	2.30
P37-080 TR (VNM)	CUC 7303	TP 715	2.35
P37-830 text/TR (VNM)	CUC 7303	TP 715	2.35
P37-837 text (VNM)	CUC 7303	TP 715	2.35
P37-838 text (VNM)	CUC 7303	TP 715	2.35
P37-840/12 TOP/SAT	CUC 2005	TP 715	2.36
P37-844 FR (VNA)	CUC 7303 F	TP 715	2.35
P37-848 FR text (VNA)	CUC 7303 F	TP 715	2.35
P37-9441 FR (VNM)	CUC 7303 F	TP 715/750 C	2.35
P37-9442 FR (VNM)	CUC 7303 F	TP 715/750 C	2.35

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P37-9443 FR (VNM)	CUC 7303 F	TP 715/750 C	2.35
P45 830/4 text (VNA)	CUC 7303	TP 715	2.35
P45-830 text (VNA)	CUC 7303	TP 715	2.35
P45-848 FR text (VNA)	CUC 7303 F	TP 715	2.35
Planatron 110/1E	GFL-FL Digi	TP 800 PT	-
Planatron 110/1F	GFL-FL Digi	TP 800 PT	-
Planatron PW 110-520/9 PALplus	Flat 1	TP 888 PT	-
SE 6376 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.25/.26
SE 7088 IDTV	CUC 1824 (digi 5)	TP 760	2.22
SE 7089 IDTV/LOG	CUC 1825 (Basic)	TP 900	2.25/.26
ST 55-710 NIC/TOP	CUC 2020 (Stereo)	TP 715	2.30
ST 55-750 text	CUC 7350 (Stereo)	TP 720	2.20
ST 55-750/9 text	CUC 7350 (Stereo)	TP 720	2.20
ST 55-798 text	CUC 7350 (Stereo)	TP 712	2.30
ST 55-800 a text	CUC 2020 (Stereo)	TP 715	2.27
ST 55-800 a TOP	CUC 2020 (Stereo)	TP 715	2.30
ST 55-800 NIC/TOP	CUC 2020N (Stereo)	TP 715	2.30
ST 55-800 text	CUC 7350 (Stereo)	TP 712	2.27
ST 55-800/9 text	CUC 7350 (Stereo)	TP 712	2.27
ST 55-801/9 text	CUC 7350 (Stereo)	TP 712	2.30
ST 55-850 FR/TOP	CUC 2020F (Stereo)	TP 715	2.30
ST 55-850 NIC/TOP	CUC 2020N (Stereo)	TP 715	2.30
ST 55-850 TOP	CUC 2020 (Stereo)	TP 715	2.30
ST 55-876/9 text	CUC 7350 (Stereo)	TP 720	2.23
ST 55-900 FR/TOP	CUC 2020F (Stereo)	TP 715	2.30
ST 55-95 ECO	CUC 7350 (Stereo)	TP 712	2.23
ST 63-160 a IDTV	CUC 1822 (digi 5)	TP 760	2.23
ST 63-255 IDTV/LOG	CUC 1825 (Basic)	TP 771	2.23
ST 63-255/8 IDTV/LOG	CUC 1825 (Basic)	TP 771	2.23
ST 63-270/8 IDTV /from 6/98	CUC 1836 (Basic++)	TP 800	2.31
ST 63-700 FR/TOP	CUC 2030F (Stereo)	TP 713/715	2.27
ST 63-700 NIC/TOP	CUC 2030N (Stereo)	TP 713/715	2.27
ST 63-700 text	CUC 2030 (Stereo)	TP 713/715	2.27
ST 63-705 NIC/text	CUC 2030N (Stereo)	TP 715	2.31
ST 63-710 NIC/text	CUC 2030N (Stereo)	TP 715	2.31
ST 63-720/8 text	CUC 6330 (Stereo)	TP 711	2.23
ST 63-725/8 text	CUC 6330 (Stereo)	TP 712	2.23
ST 63-750 text	CUC 6330 (Stereo)	TP 720	2.21
ST 63-750/9 TOP	CUC 6360 (Stereo)	TP 720	2.21
ST 63-780 NIC/TOP	CUC 2030N (Stereo)	TP 715	2.27
ST 63-780 text	CUC 2030 (Stereo)	TP 713/715	2.31
ST 63-800 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.23
ST 63-800/9 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.23
ST 70-100 IDTV	CUC 1824 (digi 5)	TP 760	2.21
ST 70-150 IDTV	CUC 1824 (digi 5)	TP 760	2.21
ST 70-160 IDTV	CUC 1824 (digi 5)	TP 760	2.21
ST 70-160/9 IDTV	CUC 1824 (digi 5)	TP 760	2.21
ST 70-200 IDTV	CUC 1836 (Basic++)	TP 800	2.31
ST 70-255 IDTV/LOG	CUC 1825 (Basic)	TP 771	2.23
ST 70-255/8 IDTV/LOG	CUC 1825 (Basic)	TP 771	2.23
ST 70-270 IDTV	CUC 1825 (Basic)	TP 800	2.27
ST 70-270 IDTV /from 8/98	CUC 1836 (Basic++)	TP 800	2.31
ST 70-270/8 IDTV	CUC 1825 (Basic)	TP 800	2.27
ST 70-270/8 IDTV /from 9/98	CUC 1836 (Basic++)	TP 800	2.31
ST 70-278 IDTV /from 8/98	CUC 1836 (Basic++)	TP 800	2.31
ST 70-600 text	CUC 2030 (Stereo)	TP 715	2.31

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ST 70-700 DPL/NIC/FT	CUC 2040N (Stereo)	TP 715	2.27
ST 70-700 FR/TOP	CUC 2030F (Stereo)	TP 713/715	2.27
ST 70-700 FR/TOP	CUC 2030F (Stereo)	TP 713/715	2.31
ST 70-700 NIC/TOP	CUC 2030N (Stereo)	TP 713/715	2.32
ST 70-700 text	CUC 2030 (Stereo)	TP 713/715	2.32
ST 70-705 NIC/text	CUC 2030N (Stereo)	TP 715	2.32
ST 70-705/8 text	CUC 6330 (Stereo)	TP 712	2.23
ST 70-705/9 TOP	CUC 6360 (Stereo)	TP 720	2.21
ST 70-705/9 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.23
ST 70-710 NIC/text	CUC 2030N (Stereo)	TP 715	2.32
ST 70-715 NIC/TOP	CUC 2030N (Stereo)	TP 715	2.32
ST 70-720/8 text	CUC 6330 (Stereo)	TP 712	2.23
ST 70-725/8 text	CUC 6330 (Stereo)	TP 712	2.24
ST 70-728 text	CUC 6330 (Stereo)	TP 712	2.24
ST 70-745 text	CUC 6330 (Stereo)	TP 720	2.21
ST 70-750 text	CUC 6330 (Stereo)	TP 720	2.21
ST 70-750/9 TOP	CUC 6360 (Stereo)	TP 720	2.21
ST 70-755 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.21
ST 70-755/9 DPL	CUC 6460 (Stereo)	TP 720	2.21
ST 70-755/9 DPL/LOG	CUC 6460 (Stereo)	TP 720	2.24
ST 70-755/9 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.21
ST 70-760 TOP/LOG	CUC 6361 (Stereo)	TP 720	2.24
ST 70-770 text	CUC 6330 (Stereo)	TP 712	2.27
ST 70-778 text	CUC 6330 (Stereo)	TP 712	2.27
ST 70-780 FR/TOP	CUC 2030F (Stereo)	TP 713/715	2.27
ST 70-780 NIC/TOP	CUC 2030N (Stereo)	TP 715	2.27
ST 70-780 text	CUC 2030 (Stereo)	TP 715	2.27
ST 70-788	CUC 2030 (Stereo)	TP 715	2.32
ST 70-798 text	CUC 2030 (Stereo)	TP 715	2.32
ST 70-800 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.24
ST 70-800/9 TOP/LOG	CUC 6360 (Stereo)	TP 720	2.24
ST 70-810 DPL	CUC 2050N (Stereo)	TP 800	2.32
ST 70-819 NIC/TOP	CUC 2050N (Stereo)	TP 800	2.32
ST 70-850 NIC/PIP	CUC 2050N (Stereo)	TP 800	2.32
ST 70-860 FR/TOP	CUC 2030F (Stereo)	TP 715	2.32
ST 70-869 IDTV	CUC 1825 (Basic)	TP 800	2.24
ST 70-95 TOP	CUC 6360 (Stereo)	TP 720	2.21
ST 70-97 IDTV	CUC 1825 (Basic)	TP 771	2.27
ST 72-01 IDTV	CUC 1826 (Basic+)	TP 800	2.32
ST 72-161 IDTV	CUC 1822 (digi 5)	TP 760	2.21
ST 72-161/9 IDTV	CUC 1822 (digi 5)	TP 760	2.21
ST 72-261 IDTV/LOG	CUC 1826 (Basic+)	TP 800	2.24
ST 72-261/8 IDTV/LOG	CUC 1826 (Basic+)	TP 800	2.24
ST 72-700 TOP	CUC 2051N (Stereo)	TP 800	2.33
ST 72-760 text	CUC 6331 (Stereo)	TP 720	2.25/.26
ST 72-760/8 text	CUC 6331 (Stereo)	TP 720	2.25/.26
ST 72-761 SAT	CUC 6365 (Stereo)	TP 720	2.21
ST 72-762 TOP	CUC 6365 (Stereo)	TP 720	2.21
ST 72-762/9 TOP	CUC 6365 (Stereo)	TP 720	2.21
ST 72-860 FR/TOP	CUC 2031F (Stereo)	TP 800/715	2.28
ST 72-860 NIC/TOP	CUC 2031N (Stereo)	TP 800	2.28
ST 72-860 TOP	CUC 2031 (Stereo)	TP 800	2.28
ST 72-865 NIC/TOP	CUC 2031N (Stereo)	TP 800	2.28
ST 84-796/9 TOP/LOG	CUC 6380 (Stereo)	TP 720	2.22
ST 84-896 FR/TOP	CUC 2080F (Stereo)	TP 800	2.33
ST 84-896 NIC/TOP	CUC 2080N (Stereo)	TP 800	2.33

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ST55-715 NIC/TOP (VNM)	CUC 2021 N	TP 715/750 C	2.36
ST55-725 b FT/TOP (VNM)	CUC 2021 N	TP 715/750 C	2.36
ST55-798 text	CUC 7350	TP 712	2.36
ST55-805 NIC/TOP (VNM)	CUC 2021 N	TP 715/750 C	2.36
ST55-805 TOP (VNM)	CUC 2021	TP 715	2.36
ST55-805 TOP/TR (VNM)	CUC 2021	TP 715	2.36
ST55-825 FT/GB (VNM)	CUC 2021 N	TP 715/750 C	2.36
ST55-855 TOP (VNM)	CUC 2021	TP 715	2.36
ST55-898 TOP (VNM)	CUC 2021	TP 715	2.36
ST55-898 TOP (VNM)	CUC 2021 N	TP 715/750 C	2.36
ST63-700 A NIC/FT (VNM)	CUC 2030 N	TP 715	2.35
ST63-701 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST63-702 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST63-702 TOP (VNM)	CUC 2032	TP 715	2.35
ST63-705 FR/TOP (VNM)	CUC 2035 F	TP 715	2.36
ST63-706 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST63-712 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST63-782 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST63-782 TOP (VNM)	CUC 2032	TP 715	2.35
ST70-209 (VNM)	CUC 1836 (Basic++)	TP 800	2.37
ST70-250 IDTV (VNM)	CUC 1836 (Basic++)	TP 810 C	2.37
ST70-260/8 IDTV (VNM)	CUC 1836 (Basic++)	TP 810 C	2.37
ST70-602 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.36
ST70-700 A NIC/FT (VNM)	CUC 2030 N	TP 715	2.35
ST70-701 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST70-702 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST70-702 TOP (VNM)	CUC 2032	TP 715	2.35
ST70-702 TOP/TR (VNM)	CUC 2032	TP 715	2.35
ST70-703 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.36
ST70-705 FR TITANE (VNM)	CUC 2035 F	TP 715	2.36
ST70-705 FR/TOP (VNM)	CUC 2035 F	TP 715	2.36
ST70-706 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST70-712 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST70-712/5 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST70-730 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST70-782 NIC/TOP (VNM)	CUC 2030 N	TP 715	2.35
ST70-782 TOP (VNM)	CUC 2032	TP 715	2.35
ST70-788 A (VNM)	CUC 2032	TP 715	2.36
ST70-798 A text (VNM)	CUC 2032	TP 715	2.36
ST70-820 TOP (VNM)	CUC 2032	TP 715	2.35
ST70-869 a IDTV (VNM)	CUC 1836 (Basic++)	TP 800	2.37
ST72-600 TOP (VNM)	CUC 2033	TP 800	2.35
ST72-862 TOP (VNM)	CUC 2033	TP 800	2.35
ST72-870 FR/TOP (VNM)	CUC 2031 F	TP 800	2.36
ST84-896 NIC/TOP (VNA)	CUC 2080 N	TP 810 C	2.36
Sydney 100 SE 7020 IDTV/LOG	CUC 1826 (Basic+)	TP 900	2.29
Sydney 100 SE 7020 IDTV/LOG /from 6/98	CUC 1836 (Basic++)	TP 900	2.33
Sydney 100 SE 7021 IDTV/PIP	CUC 1836 (Basic++)	TP 900	2.33
Sydney 100/8 SE 7020/8 IDTV/LOG	CUC 1826 (Basic+)	TP 900	2.29
Sydney 100/8 SE 7020/8 IDTV/LOG /from 6/98	CUC 1836 (Basic++)	TP 900	2.33
Sydney SE7230 DOLBY (VNM)	CUC 1832 (Basic 3)	TP 910 C	2.38
Sydney ST 872/8 text	CUC 6331 (Stereo)	TP 900	2.25/.26
T 51-070	CUC 7301 (Mono)	TP 711	2.23
T 51-071	CUC 7303 (Mono)	TP 711	2.27
T 51-3035 text	CUC 7303 (Mono)	TP 711	2.30
T 51-711 text	CUC 7301 (Mono)	TP 711	2.20

TV	Chassis	Tele-Pilot®	Module Chart page
T 51-720 text	CUC 7303 (Mono)	TP 711/715	2.30
T 51-730 text	CUC 7301 (Mono)	TP 711	2.20
T 51-730/5 text	CUC 7301 (Mono)	TP 711	2.20
T 51-731 text	CUC 7303 (Mono)	TP 711	2.23
T 51-732/5 text	CUC 7303 (Mono)	TP 711	2.23
T 51-846 FR/text	CUC 7303F (Mono)	TP 711	2.30
T 55-3035	CUC 7303 (Mono)	TP 711	2.31
T 55-3035 text	CUC 7303 (Mono)	TP 711	2.31
T 55-64 FR/FM/CL	CUC 6301 F (Mono)	TP FM/CL	2.20
T 55-64/4 FM/CL	CUC 6301 (Mono)	TP FM/CL	2.20
T 55-645 text	G 1000	TRC 1	2.20
T 55-730 text	CUC 7301 (Mono)	TP 711	2.20
T 55-730/5 text	CUC 7301 (Mono)	TP 711	2.20
T 55-731 a text	CUC 7303 (Mono)	TP 711/715	2.31
T 55-731 text	CUC 7303 (Mono)	TP 711	2.23
T 55-732/5 text	CUC 7303 (Mono)	TP 711	2.23
T 55-830 text	CUC 7303 (Mono)	TP 715	2.31
T 55-830/4 text	CUC 7303 (Mono)	TP 715	2.31
T 55-840 TOP/SAT	CUC 2003 (Mono)	TP 715	2.31
T 55-842 FR	CUC 7303F (Mono)	TP 715	2.31
T 55-843 FR	CUC 7301 F (Mono)	TP 711	2.23
T 55-845 FR	CUC 7300 F (Mono)	TP 720	2.20
T 55-846 FR/text	CUC 7303F (Mono)	TP 711	2.31
T 55-847 FR/text	CUC 7303F (Mono)	TP 715	2.31
T 5570 text	G 1000 (Mono)	TRC 1	2.20
T 70-740 text	CUC 6310 (Mono)	TP 720	2.21
T 70-740/4 TOP	CUC 6310 (Mono)	TP 720	2.21
T 70-843 FR	CUC 6310 F (Mono)	TP 720	2.24
T51-071 (VNX)	CUC 7303	TP 715	2.35
T51-071 TR (VNA)	CUC 7303	TP 715	2.35
T51-071 TR (VNM)	CUC 7303	TP 715	2.35
T51-3035 text (VNX)	CUC 7303	TP 715	2.35
T51-720 text (VNX)	CUC 7303	TP 715	2.35
T51-731 text (VNX)	CUC 7303	TP 715	2.35
T51-731 text/TR (VNA)	CUC 7303	TP 715	2.35
T51-731 text/TR (VNM)	CUC 7303	TP 715	2.35
T51-732/4 text (VNA)	CUC 7303	TP 715	2.35
T55-3035 text (VNX)	CUC 7303	TP 715	2.35
T55-830 text (VNA)	CUC 7303	TP 715	2.35
T55-830 text/TR (VNA)	CUC 7303	TP 715	2.35
T55-830 text/TR (VNM)	CUC 7303	TP 715	2.35
T55-830/4 text (VNA)	CUC 7303	TP 715	2.35
T55-837 text (VNM)	CUC 7303	TP 715	2.35
T55-838 text (VNM)	CUC 7303	TP 715	2.35
T55-844 FR (VNA)	CUC 7303 F	TP 715	2.35
T55-848 FR text (VNA)	CUC 7303 F	TP 715	2.35
Trento SE 7016/9 PIP Reference	CUC 1952 (digi 6)	TP 900	2.25/.26
Trento SE 7026 PALplus	CUC 1952 (digi 6)	TP 900	2.29
TVR 3701 SV	1 Tuner (Mono)	TVP 762	-
TVR 3705	1 Tuner (Mono)	TVP 763	-
TVR 3710	1 Tuner (Mono)	TVP 762	-
TVR 3720	2 Tuner (Mono)	TVP 763	-
TVR 3730 text (version 1)	2 Tuner (Mono)	TVP 763	-
TVR 3730 text (version 2)	2 Tuner (Mono)	TVP 763	-
TVR 5100	1 Tuner (Mono)	TVP 762/763	-
TVR 5100 (version 3)	1 Tuner (Mono)	TVP 762	-

TV	Chassis	Tele-Pilot®	Module Chart page
TVR 5130 text (version 1)	2 Tuner (Mono)	TVP 763	-
TVR 5130 text (version 2)	2 Tuner (Mono)	TVP 763	-
TVR 5500	2 Tuner (Mono)	TVP 762/860	-
TVR 5530 text (version 1)	2 Tuner (Mono)	TVP 860	-
TVR 5530 text (version 2)	2 Tuner (Mono)	TVP 860	-
Wien 100 SE 6320 IDTV/LOG	CUC 1826 (Basic+)	TP 900	2.29
Wien 100 SE 6320 IDTV/LOG /from 6/98	CUC 1836 (Basic++)	TP 900	2.33
Xentia 63 M63-400/8 (VNM)	CUC 1836 (Basic++)	TP 810 C	2.37
XENTIA 72 Flat MF72-490 DOLBY (VNM)	CUC 1832 (Basic 3)	TP 850 C	2.38
XENTIA 72 Flat MF72-490/8 DOLBY (VNM)	CUC 1832 (Basic 3)	TP 850 C	2.38
XENTIA 72 M72-400 DOLBY (VNM)	CUC 1832 (Basic 3)	TP 810 C	2.38
XENTIA 72 M72-400/8 DOLBY (VNM)	CUC 1832 (Basic 3)	TP 810 C	2.38
XS 55/1	CUC 7350 (Stereo)	TP 720	2.22
XS 55/9	CUC 7350 (Stereo)	TP 720	2.22
XS 63/2	CUC 6330 (Stereo)	TP 720	2.22
XS 63/81	CUC 6330 (Stereo)	TP 712	2.25/.26
XS 70/81	CUC 6330 (Stereo)	TP 712	2.25/.26

Module Chart of 1995/1996 Television Receivers



Designation	Part No.	P 37-065	P 37-065/5	P 37-070	P 37-730 text	P 3770 text	P 37-843 FR	P 37-845 FR	P 37-845 FR/SAT	P 40-64/4 FM/CL	P 40-64 FR/FM/CL	P 45-845 FR	T 51-711 text	T 51-730 text	T 51-730/5 text	T 55-64/4 FM/CL	T 55-64 FR/FM/CL	T 55-645 text	T 5570 text	T 55-730 text	T 55-730/5 text	T 55-845 FR	ST 55-750 text	ST 55-750/9 text	E 55-700 TOP/LOG TV-MAX	E 55-700/9 TOP/LOG TV-MAX	M 61-1690 DPL		
Tuning Module	29504 103 8000																												
Tuning Module	29504 103 9500																												
CRT Panel	29305 022 0700																												
CRT Panel	29305 022 1100																												
CRT Panel	29305 022 1200																												
CRT Panel	29305 022 1400																												
CRT Panel	29305 022 1500																												
CRT Panel	29305 022 7800																												
CRT Panel	29305 122 0200																												
CRT Panel	29305 122 0300																												
Colour Sync	29504 105 6700																												
Colour Sync	29504 165 6700																												
Colour Sync	29504 165 7200																												
Velocity Modulator	29305 108 0600																												
AF Stereo	29504 104 6700																												
AF Stereo DPL	29504 104 6900																												
SAT Module	29504 106 2300																												
Tuner	29504 201 0100																												
Tuner	29504 201 2100																												
Tuner	29504 201 3100																												
Tuner	75990 200 5400																												
Tuner-SAT	29504 201 7300																												
Teletext	29504 108 3900																												
IF Sound Stereo	29504 102 4000																												
IF Stereo	29504 102 5600																												
IF Sound Stereo	29504 162 3900																												
IF Stereo	29504 162 5600/ 5700																												
IF/FM Module	29504 002 3200																												
IF/FM Module	29504 042 3100																												

1) optionally fitted

Module Chart of 1995/1996 Television Receivers

Designation	Part No.																										
		M 63-115/9 IDTV	M 63-776/9 TOP	ST 63-750 text	ST 63-750/9 TOP	T 70-740 text	T 70-740/4 TOP	ST 70-100 IDTV	ST 70-150 IDTV	ST 70 160 IDTV	ST 70 160/9 IDTV	ST 70-705 TOP	ST 70-705/9 TOP/LOG	ST 70-745 text	ST 70-750 text	ST 70-750/9 TOP	ST 70-755 TOP/LOG	ST 70-755/9 DPL	ST 70-755/9 TOP/LOG	ST 70-95 TOP	M 70-169/9 IDTV	M 70-1690 DPL/IDTV	ST 72-161 IDTV	ST 72-761 SAT	ST 72-762 TOP	ST 72-762/9 TOP	
Tuning Module	29504 003 6500	•																									
Tuning Module	29504 103 9300							•	•	•	•														•		
Tuning Module	29504 103 6800																										
Tuning Module	29504 103 7100/ 8100				•							•				•											
Tuning Module	29504 103 7400/ 8400		•																		•				•	•	•
Tuning Module	29504 103 9500																										
Tuning Module	29504 103 8700												1)				1)										
Tuning Module	29504 003 8100												1)				1)		1)								
Display	29501 080 9400																						•				
CRT Panel	29305 022 3600																					•	•				
CRT Panel	29305 022 3700									•	•	•	•												•		
CRT Panel	29305 022 3900	•																									
CRT Panel	29305 022 4400				•								•	•			•	•	•	•	•						
CRT Panel	29305 022 7500		•																						•	•	•
CRT Panel	29305 122 0500			•		•	•							•	•												
CRT Panel	29305 160 0500	•						•	•	•	•												•				
Socket Board	29305 160 0600																					•		•			
Colour Sync	29504 105 5600											•										•			•	•	
Colour Sync	29504 105 6700																										
Colour Sync	29504 165 6700		•		•							•					•		•	•							•
Feature Box	29504 103 3200	•							•	•	•	•													•		
Feature Box	29504 103 3500																						•	•			
Velocity Modulator	29305 108 0500	•																				•	•	•			
Seagull Correction Board	29304 019 9700																								•		
AF-Amplifier	29504 104 2600									•	•	•	•														
AF-Amplifier	29504 104 2800	•																									
AF-Amplifier	29504 104 5600																								•		
AF-Amplifier	29504 104 6300																						•				
AF-Amplifier DPL	29504 104 6800																							•			
AF-Amplifier DPL	29504 104 6900																		•								
East/West	29504 107 6200																						•	•			
East/West	29504 107 6500	•																									
East/West	29504 107 8900																								•		
East/West	29504 107 9300										•	•	•	•													
SAT Module	29504 106 2200																								•		
Tuner	29504 201 0100	•				•	•	•	•	•	•	•											•	•	•	•	•
Tuner	29504 201 2100		•	1)	•							•	•	1)	1)	•	•	•	•	•	•			•	•	•	•
Tuner	29504 201 3100			1)										1)	1)												
Tuner-SAT	29504 201 7300																								•		
Video Module	29504 165 6400	•																									
Video Module	29504 165 7300									•	•	•	•										•	•	•		
IF-Amplifier	29504 102 3300									•	•	•												•			
IF-Amplifier	29504 102 5600																								•	•	
IF-Amplifier	29504 102 5700				•																						
IF-Amplifier	29504 162 4600	•										•											•				
IF-Amplifier	29504 162 4800																							•			
IF-Amplifier	29504 162 5600/ 5700		•		•								•			•											•

1) optionally fitted



Module Chart of 1995/1996 Television Receivers

AL

Designation	Part No.	ST 72-161/9 IDTV	M 72-115 IDTV	M 72-215 IDTV/Referenz	M 72-215/9 IDTV/PIP/Referenz	E 72-170 IDTV Eleganz	E 72-911 DPL/IDTV	M 82-169/9 IDTV	ST 84-796/9 TOP/LOG	M 95-115/9 IDTV/PIP	SP 737 text GREENVILLE 37	T 5574 TOP GREENVILLE 55	ST 770 TOP/LOG SALZBURG	ST 770/9 TOP HAMBURG	ST 1770 TOP GREENVILLE 70	ST 170 IDTV Boston	SE 7088 IDTV	XS 55/1	XS 55/9	XS 63/2	
Tuning Module	29504 003 8100/ 8700								•												
Tuning Module	29504 003 6500					•															
Tuning Module	29504 103 7400/ 8400														•	•					
Tuning Module	29504 103 9300	•															•	•			
Keyboard Control	29501 080 2100								•												
Keyboard Control	29501 080 9700		•	•	•																
Keyboard Control	29501 080 8200							•													
Keyboard Control	29501 082 1900						•														
CRT Panel	29305 022 1200											•									
CRT Panel	29305 022 3100		•	•	•	•				•											
CRT Panel	29305 022 3500									•											
CRT Panel	29305 022 3600							•													
CRT Panel	29305 022 3700	•				•											•	•			
CRT Panel	29305 022 4400												•	•	•						
CRT Panel	29305 022 7700							•													
CRT Panel	29305 122 0200																	•	•		
CRT Panel	29305 122 0500																				•
CRT Panel	29305 122 0600										•										
Socket Board	29305 160 0500		•	•	•	•				•							•	•			
Socket Board	29305 160 0600	•					•	•		•											
Colour Sync	29504 105 5600															•					
Colour Sync	29504 105 6700												•								
Colour Sync Multi	29504 165 6700													•							
Colour Sync	29504 165 7000							•													
Feature Box	29504 103 3200	•	•			•	•		•								•	•			
Feature Box	29504 103 3500							•													
Feature Box	29504 103 3600			•	•																
Velocity Modulator	29305 108 0500	•	•	•	•			•	•	•											
Seagull Correction Board	29304 019 9700	•				•															
AF-Amplifier	29504 104 2600					•											•	•			
AF-Amplifier	29504 104 5600	•																			
AF-Amplifier	29504 104 6300		•	•	•			•	•												
AF-Amplifier-DPL	29504 104 6800						•														
East/West	29504 107 6200							•													
East/West	29504 107 6400		•	•	•																
East/West	29504 107 6700									•											
East/West	29504 107 8800						•														
East/West	29504 107 8900	•				•															
East/West	29504 107 9300																•	•			
PIP Colour-Multi	29504 165 9400				•					•							•	•			
Tuner	29504 201 0100	•		•	•	•	•	•	•	•							•	•			
Tuner	29504 201 2100		•						•		1) 1)	•	•	•				1) 1) 1)			
Tuner	29504 201 3100										1) 1)							1) 1) 1)			
Video Module	29504 165 6400		•	•	•	•			•												
Video Module	29504 165 7100																•	•			
Video Module	29504 165 7300	•					•	•													
IF-Amplifier	29504 102 3300		•	•		•											•	•			
IF-Amplifier	29504 102 5600											•			•						
IF-Amplifier	29504 102 5700																				•
IF-Amplifier	29504 162 4600	•			•			•	•												
IF-Amplifier	29504 162 4800						•														
IF-Amplifier	29504 162 5600/ 5700							•							•					•	
IF-Amplifier	29504 102 4000									•								•			
IF-Amplifier	29504 162 3900																		•		

1) optionally fitted

Module Chart of 1996/1997 Television Receivers

Designation	Part No.	P 37-065/5	P 37-071	P 37-731 text	P 37-731/12 text	P 37-843 a FR	P 45-731 text	T 51-070	T 51-731 text	T 51-732/5 text	T 55-731 text	T 55-732/5 text	T 55-843 FR	ST 55-876/9 text	ST 55-95 ECO	M 61-1690 TOP/LOG	ST 63-160 a IDTV	ST 63-255 IDTV/LOG	ST 63-255/8 IDTV/LOG	M 63-280 IDTV/LOG	M 63-280/8 IDTV/LOG	ST 63-720/8 text	ST 63-725/8 text	ST 63-800 TOP/LOG	ST 63-800/9 TOP/LOG	ST 70-255 IDTV/LOG	ST 70-255/8 IDTV/LOG	ST 70-705/8 text
Tuning Module	29504 003 8100																								1)	1)		
Tuning Module	29504 003 9500															•												
Tuning Module	29504 103 8700																		•						1)	1)		
Tuning Module	29504 103 9300																		•									
CRT Panel	29305 022 1400	•	•	•	•																							
CRT Panel	29305 022 1500						•	•																				
CRT Panel	29305 022 1600								•	•	•	•	•															
CRT Panel	29305 022 1700													•	•													
CRT Panel	29305 022 3900																	•										
CRT Panel	29305 022 4400																								•	•		•
CRT Panel	29305 022 7800															•												
CRT Panel	29305 122 0400																		•	•	•	•				•	•	
CRT Panel	29305 122 0500																					•	•					
Socket Board	29304 160 0600																	•										
Colour Sync	29504 105 6700																								•			
Colour Sync	29504 165 6700																									•		
Colour Sync	29504 165 7400																•											
Feature Box	29504 103 3200																		•									
Feature Box	29504 103 3700																		•	•	•	•				•	•	
Velocity Modulator	29305 108 0600																•											
AF-Amplifier	29504 104 2800																		•									
East/West	29504 107 6400																		•									
Signal Module	29504 102 3400																		•		•					•		
Signal Module (Multi)	29504 162 3400																		•	•	•	•				•	•	
Tuner	29504 201 2100	1)					1)					1)	1)	1)	•			•		•	•		1)	1)	•	•	•	1)
Tuner	29504 201 3100	1)					1)					1)	1)	1)	•			•		•	•		1)	1)	•	•	•	1)
Tuner	81406 016 1000	•	•	•		•		•	•	•	•	•																
Video Module	29504 165 7100																		•									
IF-Amplifier	29504 102 3300																		•									
Audio-IF-Amplifier	29504 102 4000														•													
IF-Amplifier	29504 102 5600																								•			
Audio-IF-Amp (Nicam)	29504 162 3900													•														
IF-Amplifier (Multi)	29504 162 5700													•	•											•		
IF-Amplifier (Multi)	29504 162 5800																					•	•					•

1) optionally fitted



Module Chart of 1996/1997 Television Receivers

NT

Designation	Part No.	ST 70-705/9 TOP/LOG	ST 70-720/8 text	ST 70-725/8 text	ST 70-728 text	ST 70-755/9 DPL/LOG	ST 70-760 TOP/LOG	ST 70-800 TOP/LOG	ST 70-800/9 TOP/LOG	ST 70-869 IDTV	T 70-843 FR	M 70-1690 DPL/IDTV/LOG	M 70-1690 TOP/LOG	M 70-269 PALplus/LOG	M 70-269/9 Referenz	M 70-280 IDTV/LOG	M 70-280/8 IDTV/LOG	ST 72-261 IDTV/LOG	ST 72-261/8 IDTV/LOG	ST 72-760 text	ST 72-760/8 text	
		Tuning Module	29504 003 8100	1)				1)	1)	1)												
Tuning Module	29504 003 8800					•																
Tuning Module	29504 003 9500												•									
Tuning Module	29504 103 6800											•										
Tuning Module	29504 103 8700	1)				1)	1)	1)														
CRT Panel	29305 022 3600											•										
CRT Panel	29305 022 4400	•				•	•	•						•								
CRT Panel	29305 022 7500												•									
CRT Panel	29305 122 0100					•																
CRT Panel	29305 122 0400									•							•	•				
CRT Panel	29305 122 0500		•	•	•						•											
CRT Panel	29305 122 0700													•	•							
CRT Panel	29305 122 1000																		2)	2)		
CRT Panel	29305 122 1100																				•	•
CRT Panel	29305 122 1200																		2)	2)		
Socket Board	29305 160 1500											•										
Socket Board	29305 160 3400													•								
Colour Sync	29504 105 6700					•	•	•														
Colour Sync	29504 165 6700	•				•		•														
Colour Sync	29504 165 7400												•									
Feature Box	29504 103 3500											•										
Feature Box	29504 103 3700									•												
Feature Box	29504 103 3800													•								
Feature Box	29504 103 4100														•							
Velocity Modulator	29305 108 0500											•	•									
AF-Amplifier	29504 104 6800											•										
AF-Amplifier	29504 104 6900					•																
AF-Amplifier	29504 104 7100													•								
AF-Amplifier	29504 104 7200														•							
East/West	29504 107 6200											•										
Signal Module	29504 102 3400																•		•			
Signal Module	29504 162 3400									•								•		•		
Signal Module	29504 162 3500													•	•							
Tuner	29504 201 2100	•	1)	1)	1)	•	•	•	•	•		•	•	•	•	•	•	•	•	•	1)	1)
Tuner	29504 201 3100		1)	1)	1)						•										1)	1)
VGA Module	29305 160 3500													•								
Video Module	29504 165 7300											•										
IF-Amplifier Stereo	29504 102 5600					•	•															
IF-Amplifier Stereo	29504 102 5700				•																•	
IF-Amplifier FR	29504 142 3000										•											
IF-Amplifier Stereo	29504 162 4800											•										
IF-Amplifier (Multi)	29504 162 5700	•				•		•					•									
IF-Amplifier (Multi)	29504 162 5800		•	•																		•

1) optionally fitted
 2) Philips picture tube 122 1000, Toshiba picture tube 122 1200

Module Chart of 1996/1997 Television Receivers

Designation	Part No.	Reference Models																							
		M 72-315/9 IDTV/PIP/Referenz	M 72-315 IDTV/Referenz	M 82-169 a PALplus	M 82-1690/9 TOP/LOG	M 82-269 PALplus/LOG	M 82-269/9 Reference	M 84-210/8 IDTV/LOG	M 95-410/90 Referenz/PIP	DENVER SE 8216/9 PIP/Referenz	ATLANTA SE 7289 IDTV/LOG	BERLIN SE 7290 IDTV/LOG	BOSTON ST 270 IDTV/LOG	BOSTON ST 270/8 IDTV/LOG	TRENTO SE 7016/9 PIP/Referenz	COPENHAGEN ST 763 TOP/LOG	GREENVILLE 7002 text	GREENVILLE 7002/8 text	LISSABON SE 5576 text	SYDNEY ST 872/8 text	SE 6376 TOP/LOG	SE 7089 IDTV/LOG	XS 63/81	XS 70/81	
Tuning Module	29504 003 8400																								
Tuning Module	29504 003 9500				•																	•			
Tuning Module	29504 103 7400																								
Tuning Module	29504 103 8400																								
Keyboard Control	29501 082 3300	•	•																						
Keyboard Control	29501 082 3400			•																					
Keyboard Control	29501 082 4200												•												
Bildrohrplatte	29305 022 1700																				•				
CRT Panel	29305 022 3700	•	•										•												
CRT Panel	29305 022 4400																•					•			
CRT Panel	29305 022 7700				•																				
CRT Panel	29305 022 8400			•																					
CRT Panel	29305 122 0400												•	•									•		
CRT Panel	29305 122 0500																						•	•	
CRT Panel	29305 122 0700					•	•		•	•							•								
CRT Panel	29305 122 1000							•			•														
CRT Panel	29305 122 1100																				•				
CRT Panel	29304 060 9300			•																					
Socket Board	29305 160 0500	•	•										•												
Socket Board	29305 160 3400					•	•																		
Colour Sync	29504 105 5600																•								
Colour Sync	29504 105 5700																					•			
Colour Sync	29504 165 7400				•																				
Feature Box	29504 103 3600	•	•										•												
Feature Box	29504 103 3700											•	•	•									•		
Feature Box	29504 103 3800					•																			
Feature Box	29504 103 3900			•																					
Feature Box	29504 103 4100																								
Velocity Modulator	29305 108 0400			•																					
Velocity Modulator	29305 108 0500	•	•										•												
Velocity Modulator	29305 108 0600				•																				
AF-Amplifier Stereo	29504 104 2600																								
AF-Amplifier Stereo	29504 104 2900	•	•																						
AF-Amplifier Stereo	29504 104 7000			•																					
AF-Amplifier Stereo	29504 104 7100					•																			
AF-Amplifier Stereo	29504 104 7200						•	•	•																

1) optionally fitted



Module Chart of 1996/1997 Television Receivers



Designation	Part No.	M 72-315/9 IDTV/PIP/Referenz	M 72-315 IDTV/Referenz	M 82-169 a PALplus	M 82-1690/9 TOP/LOG	M 82-269 PALplus/LOG	M 82-269/9 Reference	M 84-210/8 IDTV/LOG	M 95-410/90 Referenz/PIP	DENVER SE 8216/9 PIP/Referenz	ATLANTA SE 7289 IDTV/LOG	BERLIN SE 7290 IDTV/LOG	BOSTON ST 270 IDTV/LOG	BOSTON ST 270/8 IDTV/LOG	TRENTO SE 7016/9 PIP/Referenz	COPENHAGEN ST 763 TOP/LOG	GREENVILLE 7002 text	GREENVILLE 7002/8 text	LISSABON SE 5576 text	SYDNEY ST 872/8 text	SE 6376 TOP/LOG	SE 7089 IDTV/LOG	XS 63/81	XS 70/81
East/West	29504 107 6500	•	•																					
PIP Colour-Multi	29504 165 9400	•										•												
PIP Module	29504 165 9600								•	•					•									
Signal Module	29504 102 3400										•		•									•		
Signal Module	29504 162 3400							•																
Signal Module	29504 162 3500					•	•	•	•					•	•									
Tuner	29504 201 0100	•	•									•												
Tuner	29504 201 2100				•	•	•	•	•	•	•		•	•	•	•	1)	1)	1)	1)	•	•	1)	1)
Tuner	29504 201 3100																1)	1)	1)	1)			1)	1)
Tuner	29504 101 2500			•																				
VGA Module	29305 160 3500					•	•	•	•															
Video Module	29504 105 7200			•																				
Video Module	29504 165 6400	•	•									•												
Audio IF	29504 102 4000																		•					
IF-Amplifier Stereo	29504 102 3300			•								•												
IF-Amplifier Stereo	29504 102 5600															•					•			
IF-Amplifier Stereo	29504 102 5700																•							
IF-Amplifier (Multi)	29504 162 4700			•																				
IF-Amplifier (Multi)	29504 162 4800	•																						
IF-Amplifier (Multi)	29504 162 5700				•																			
IF-Amplifier (Multi)	29504 162 5800																•		•			•	•	

1) optionally fitted

Module Chart of 1997/1998 Television Receivers

Designation	Part No.	P 37-732/5 text	T 51-071	M 55-280/8 IDTV/LOG	ST 55-800 text	ST 55-800/9 text	ST 55-800 a text	ST 63-700 FR/TOP	ST 63-700 NIC/TOP	ST 63-700 text	ST 63-780 NIC/TOP	M 63-281 IDTV/LOG	M 63-281/8 IDTV/LOG	ST 70-270 IDTV	ST 70-270/8 IDTV	ST 70-700 DPL/NIC/FT	ST 70-770 text	ST 70-778 text	ST 70-780 FR/TOP	ST 70-780 NIC/TOP	ST 70-780 text	ST 70-97 IDTV
CRT Panel	29305 022 1400	●																				
CRTPanel	29305 022 1600	●																				
CRT Panel	29305 022 1700				●	●																
CRT Panel	29305 022 1900						●															
CRT Panel	29305 122 0400			●								●	●	●	●							●
CRTPanel	29305 122 0500																●	●				
CRTPanel	29305 122 1600							●	●	●	●					●			●	●	●	
Feature Box	29504 103 3700			●								●	●	●	●							●
AF-Amplifier	29504 104 4100						●															
AF-Amplifier	29504 104 4300																					
AF-Amplifier	29504 104 7500															●						
Signal Module	29504 102 3400											●		●								●
Signal Module	29504 162 3400			●									●	●								
Tuner	29504 201 2100			●								●	●	●	●		1)	1)				●
Tuner	29504 201 3100				●	●											1)	1)				
Tuner	81406 016 1000	●	●				1)	1)	1)	1)												
Tuner	81406 016 1200															1)						
Tuner	81406 016 1300							●							1)				●			
Tuner	81406 016 1400						1)	1)	1)	1)										●	●	
IF-Amplifier	29504 162 5700					●																
Audio IF-Amp Stereo	29504 102 4000				●																	
Audio IF-Amp (Nicam)	29504 162 3900					●																
IF-Amplifier	29504 102 5700																●	●				

1) optionally fitted



Module Chart of 1997/1998 Television Receivers



Designation	Part No.	M 70-281 IDTV/LOG	M 70-281/8 IDTV/LOG	MW 70-100/8	MW 70-269 PAL PLUS	ST 72-860 FR/TOP	ST 72-860 NIC/TOP	ST 72-860 TOP	ST 72-865 NIC/TOP	M 72-100	M 72-100/8	M 72-410/9 Reference	M 72-410 Reference/PIP	M 72-410 Reference	M 72-270 IDTV/LOG Elegance	MW 82-100/9	MW 82-100/9 PAL PLUS	M 95-410/9 a Reference/PIP
CRT Panel	29305 122 0400	•	•															
CRT Panel	29305 122 0700											•	•	•				•
CRT Panel	29305 122 1000									•	•				•			
CRT Panel	29305 122 1400				•													
CRT Panel	29305 122 1500					•	•	•	•							•	•	
CRT Panel	29305 122 1700			•														
CRT Panel	29305 122 1800					•	•	•	•									
Socket Board	29305 160 3400				•							•	•	•		•	•	•
Feature Box	29504 103 3700	•	•							•	•				•			
Feature Box	29504 103 3800				•												•	•
Feature Box	29504 103 4100											•	•	•		•		•
Feature Box	29504 103 4200			•														
AF-Amplifier	29504 104 8100																•	•
AF-Amplifier	29504 104 8200				•											•		•
AF-Amplifier	29504 104 8300											•	•	•				
PIP Module	29504 165 9600																	•
PIP Module	29504 165 9700												•				•	
Signal Module	29504 102 3400	•								•					•			
Signal Module	29504 102 3500				•								•	•				
Signal Module	29504 162 3400		•	•							•							
Signal Module	29504 162 3500											•	•			•	•	•
Tuner	29504 201 2100	•	•	•	•					•	•	•	•	•	•	•	•	•
Tuner	81406 016 1200							1)										
Tuner	81406 016 1300				•	•	1)	•										
VGA Module	29305 160 3500											•	•			•	•	•

1) optionally fitted

Module Chart of 1997/1998 Television Receivers

Designation	Part No.														
		Atlanta SE 7220 IDTV/LOG	Berlin SE 70-100/8	Boston SE 7090 IDTV/LOG	Boston SE 7090/8 IDTV/LOG	Denver SE 82-100 PAL PLUS	Denver SE 8216/9 PAL PLUS	Greenville 7003 NIC/TOP	Greenville 7003 text	Melbourne SE 7210 NIC/TOP	Melbourne SE 7210 TOP	Sydney 100 SE 7020 IDTV/LOG	Sydney 100/8 SE 7020/8 IDTV/LOG	Trento SE 7026 PAL PLUS	Wien 100 SE 6320 IDTV/LOG
CRT Panel	29305 122 0400			●	●							●	●		●
CRT Panel	29305 122 1000	●													
CRT Panel	29305 122 1400													●	
CRT Panel	29305 122 1500					●	●								
CRT Panel	29305 122 1600							●	●						
CRT Panel	29305 122 1700	●													
CRT Panel	29305 122 1800								●	●					
Socket Board	29305 160 3400					●	●							●	
Feature Box	29504 103 3700	●		●	●						●	●		●	
Feature Box	29504 103 3800					●	●							●	
Feature Box	29504 103 4200		●												
AF-Amplifier	29504 104 8200					●	●							●	
Signal Module	29504 102 3400	●		●							●				●
Signal Module	29504 102 3500													●	
Signal Module	29504 162 3400		●		●							●			
Signal Module	29504 162 3500					●	●								
Tuner	29504 201 2100	●	●	●	●	●	●				●	●	●	●	
Tuner	81406 016 1200									1)					
Tuner	81406 016 1300								●	1)					
Tuner	81406 016 1400							●	●						
VGA Module	29305 160 3500					●	●								

1) optionally fitted



Module Chart of 1998/1999 Television Receivers

Designation	Part No.	Module Options																										
		P 37-080	P 37-3035	P 37-830 text	P 37-830/12 text Globetrotter	P 37-830/4 text	P 37-842 FR	P 37-846 FR/text	P 37-847 FR/text	P 45-830 text	P 45-830/4 text	P 45-846 FR/text	P 45-847 FR/text	T 51-3035 text	T 51-720 text	T 51-731 text (Versionsnr. "M")	T 51-846 FR/text	M 55-280/8 a IDTV/LOG	ST 55-710 NIC/TOP	ST 55-798 text	ST 55-800 a TOP	ST 55-800 NIC/TOP	ST 55-801/9 text	ST 55-850 FR/TOP	ST 55-850 NIC/TOP	ST 55-850 TOP	ST 55-900 FR/TOP	
CRT Panel	29305 022 8700	●	●	●	●	●																						
CRT Panel	29305 022 8800									●	●																	
CRT Panel	29305 022 1400							●																				
CRT Panel	29305 022 1500										●																	
CRT Panel	29305 022 1600															●												
CRT Panel	29305 022 1700																		●				●					
CRT Panel	29305 022 1900																	●				●		●	●	●	●	●
CRT Panel	29305 022 9000													●	●	●												
CRT Panel	29305 122 1700																●											
Feature Box	29504 103 4200																	●										
AF-Amplifier	29504 104 4100																	●				●					●	
AF-Amplifier	29504 104 4200																							●				●
AF-Amplifier	29504 104 4300																		●				●		●			
Signal Module	29504 162 3400																	●										
Tuner PLL	29504 201 2100																	●		1)				1)				
Tuner PLL	29504 201 3100																			1)				1)				
Tuner VST	61406 016 1000	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)											
Tuner PLL	61406 016 1200																		1)		1)	1)		1)	1)	1)	1)	1)
Tuner PLL	61406 016 1300																		1)		1)	1)		1)	1)	1)	1)	1)
Tuner VST	61406 016 1400	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)											
Audio IF-Amp	29504 162 3900																		●				●					
IF-Amplifier	29504 162 5700																						●					
VGA Module	29305 160 3600																●											

1) optionally fitted

Module Chart of 1998/1999 Television Receivers

Designation	Part No.	T 55-3035	T 55-3035 text	T 55-731 a text	T 55-830 text	T 55-830/4 text	T 55-840 TOP/SAT	T 55-842 FR	T 55-846 FR/text	T 55-847 FR/text	M 63-281 IDTV/LOG /ab 7/98	M 63-281/8 IDTV/LOG /ab 7/98	ST 63-270/8 IDTV /ab 6/98	ST 63-705 NIC/text	ST 63-710 NIC/text	ST 63-780 text	ST 70-200 IDTV	ST 70-270 IDTV /ab 8/98	ST 70-270/8 IDTV /ab 9/98	ST 70-278 IDTV /ab 8/98	ST 70-600 text	ST 70-700 FR/TOP
CRT Panel	29305 022 9000				●	●	●	●	●	●												
CRT Panel	29305 122 1600	●	●	●					●					●	●	●					●	●
CRT Panel	29305 122 1700										●	●	●				●	●	●	●		
Feature Box	29504 103 4200										●	●	●				●	●	●	●		
SAT Module	29504 106 2800					●																
Signal Module	29504 102 3400						●				●						●	●	●	●		
Signal Module	29504 162 3400										●	●	●				●	●	●	●		
Tuner PLL	29504 201 2100										●	●	●				●	●	●	●		
Tuner PLL	29504 301 0100						1)															
Tuner VST	61406 016 1000	1)	1)	1)	1)	1)		1)	1)	1)			1)	1)	1)						1)	
Tuner PLL	61406 016 1200						1)															1)
Tuner PLL	61406 016 1300																					1)
Tuner VST	61406 016 1400	1)	1)	1)	1)	1)		1)	1)	1)			1)	1)	1)						1)	

1) optionally fitted



Module Chart of 1998/1999 Television Receivers

Designation	Part No.																						
		M 70-281 IDTV/LOG /ab 7/98	M 70-281/8 IDTV/LOG /ab 7/98	M 70-290 IDTV	M 70-290/8 IDTV	ST 70-700 NIC/TOP	ST 70-700 text	ST 70-705 NIC/text	ST 70-710 NIC/text	ST 70-715 NIC/TOP	ST 70-788	ST 70-798 text	ST 70-810 DPL	ST 70-819 NIC/TOP	ST 70-850 NIC/PIP	ST 70-860 FR/TOP	MW 70-269 PAL PLUS (mit dw)	MW 70-2690 NIC/TOP	M 72-100 a	M 72-100/8 a	ST 72-01 IDTV		
CRT Panel	29305 122 1000																						●
CRT Panel	29305 122 1400																	●					
CRT Panel	29305 122 1600					●	●	●	●	●	●	●	●	●	●	●							
CRT Panel	29305 122 1700	●	●	●	●															●	●		
CRT Panel	29305 122 2100																	●					
Double Window Module	29504 109 2100																●						
Feature Box	29504 103 3700																						●
Feature Box	29504 103 3800																●						
Feature Box	29504 103 4200	●	●	●	●															●	●		
AF-Amplifier	29504 104 7700											●											
AF-Amplifier	29504 104 8200																●						
PIP Module	29504 106 5100													●									
Signal Module	29504 102 3400	●		●																●			●
Signal Module	29504 102 3500																●						
Signal Module	29504 162 3400		●		●																●		
Tuner PLL	29504 201 2100	●	●	●	●												●			●	●	●	
Tuner PLL	29504 301 0100																	1)					
Tuner VST	61406 016 1000							1)	1)	1)	1)	1)	1)	1)	1)	1)							
Tuner PLL	61406 016 1200																	1)					
Tuner VST	61406 016 1400							1)	1)	1)	1)	1)	1)	1)	1)	1)							

1) optionally fitted

Module Chart of 1998/1999 Television Receivers

Designation	Part No.	ST 72-700 TOP	MW 82-100/9 (mit dw)	MW 82-100/9 PAL PLUS (mit dw)	MW 82-50/8	M 84-210/8 a IDTV/LOG	ST 84-896 FR/TOP	ST 84-896 NIC/TOP	M 95-411/9 Reference/PIP	Greenville 370 SE 3781 text	Miami SE 3780 text	Wien 100 SE 6320 IDTV/LOG /ab 6/98	Greenville 550 SE 5586 TOP	Sydney 100 SE 7020 IDTV/LOG /ab 6/98	Sydney 100/8 SE 7020/8 IDTV/LOG /ab 6/98	Sydney 100 SE 7021 IDTV/PIP	Greenville 7004 NIC/TOP	Melbourne SE 7210 a NIC/TOP	Atlanta SE 7220 IDTV/PIP	Berlin SE 7027/8 PIP	Denver SE 82-100 PAL PLUS (mit dw)	
CRTPanel	29305 022 8700										•											
CRT Panel	29305 022 1900											•										
CRT Panel	29305 022 2000									•												
CRT Panel	29305 122 0700		2)					•													2)	
CRT Panel	29305 122 1500	•	2)																			2)
CRT Panel	29305 122 1600																•					
CRTPanel	29305 122 1700				•							•		•	•	•				•	•	
CRT Panel	29305 122 2000				•																	
CRT Panel	29305 122 2100	•																	•			
CRT Panel	29305 122 2500						•	•														
Socket Board	29305 008 3600		•	•																		
Socket Board	29305 008 4000				•																•	
Socket Board	29305 008 4100														•	•				•		
Socket Board	29305 008 8300																		•			
Double Window Module	29504 109 2100		•	•																	•	
Feature Box	29504 103 3800			•																	•	
Feature Box	29504 103 4100		•						•													
Feature Box	29504 103 4200				•	•						•	•	•	•					•	•	
AF-Amplifier	29504 104 4100											•										
AF-Amplifier	29504 104 8100			•																		
AF-Amplifier	29504 104 8200		•						•													•
PIP Module (AV PIP)	29504 106 5200	•																				
PIP Module (AV PIP)	29504 106 5400															•				•	•	
PIP Module (HF PIP)	29504 165 9700			•					•													
Signal Module	29504 162 3400				•	•								•							•	
Signal Module	29504 102 3400											•	•	•						•		
Signal Module	29504 162 3500		•	•					•													•
Tuner PLL	29504 201 2100		•	•	•	•			•			•	•	•	•					•	•	•
Tuner PLL	29504 301 0100	1)					1) 1)		1)			1)					1) 1)					
Tuner VST	61406 016 1000									1)												
Tuner PLL	61406 016 1200	1)					1) 1)		1)			1)					1) 1)					
Tuner VST	61406 016 1400									1)												
VGA Module	29305 160 3500		•	•					•													•

1) optionally fitted 2) dependent on type of picture tube



Module Chart of 1999/2000 Television Receivers

CUC 2058 D
CUC 2058 N
CUC 2059 D
CUC 2059 N

TV

Designation	Part No.	ARGANTO 70 MW70-500 IRDT (VNM)	ARGANTO 70 MW70-505 IRDT/DPL (VNM)	ARGANTO 82 MW 82-500 IRDT (VNM)	ARGANTO 82 MW82-505 IRDT/DPL (VNM)	MW70-2699 DPL/FT (VNM)	MW70-2699 FR/TOP (VNM)	MW70-2699 NIC/FT (VNM)	MW70-2699 NIC/TOP (VNA)	MW70-2699 NIC/TOP (VNM)	MW82-2699 DPL/FT (VNM)	MW82-2699 FR/TOP (VNM)	MW82-2699 NIC/FT (VNM)	MW82-2699 NIC/TOP (VNA)	MW82-2699 NIC/TOP (VNM)
CRT Panel	29305 122 2500	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CRT Panel	29305 122 2800														
Socket Board	29305 008 3700					•	•	•	•	•	•	•	•	•	•
Socket Board	29305 160 6300	2)	•	2)	•										
Dolby-Surround	29504 104 7700					2)	2)		2)	2)	2)				2)
Dolby-Surround	29504 104 8500	2)	•	2)	•										
Feature Box CTI/LTI	29305 119 3500					•	•	•		•	•	•	•		•
Feature Box	29305 129 0700								•					•	
IRDT Module	29504 207 0100	•	•	•	•										
Keyboard Control	29501 083 2500					•	•	•	•	•	•	•	•	•	•
Keyboard Control	29501 083 8300	•	•	•	•										
Mains Switch Board	29305 165 7100					•	•	•	•	•	•	•	•	•	•
Mains Switch Board	29305 165 8300	•	•	•	•										
AF-Amplifier	29504 104 8400	•		•											
AF Module DPL 2	G.AD 8900							2)	2)				2)	2)	
Panorama View	29305 129 0400	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PIP Module PIP 4	G.AD 9000					2)	2)	2)	2)	2)	2)	2)	2)	2)	2)
Processor Board	29305 119 7100					1)				1)	1)				1)
Processor Board	29305 219 0600					1)				1)	1)				1)
Processor Board	29305 219 0700						•					•			
Processor Board	29305 219 1300	•	•	•	•										
SAT Module SNR 105	G.AD 9551					2)	2)			2)	2)	2)			2)
SAT Module SER 250	G.AE 0700							2)	2)				2)	2)	
TP 800	29642 061 0100					•	•			•	•	•			•
TP 810 C	29642 061 1001							•	•				•	•	
TP 815 C	29642 061 1400	•	•	•	•										
Tuner PLL	29504 301 0100	•	•	•	•	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)
Tuner PLL	81406 016 1200					1)	1)	1)	1)	1)	1)	1)	1)	1)	1)
YUV-Interface	29305 129 0600	•	•	•	•										

1) optionally fitted
2) retrofittable

CUC 2030 N CUC 2032 CUC 2033	Designation	Part No.	GREENVILLE 7005 TOP (VNM)	MELBOURNE SE7212 TOP (VNM)	ST63-700 A NIC/FT (VNM)	ST63-701 NIC/TOP (VNM)	ST63-702 NIC/TOP (VNM)	ST63-702 TOP (VNM)	ST63-706 NIC/TOP (VNM)	ST63-712 NIC/TOP (VNM)	ST63-782 NIC/TOP (VNM)	ST63-782 TOP (VNM)	ST70-700 A NIC/FT (VNM)	ST70-701 NIC/TOP (VNM)	ST70-702 NIC/TOP (VNM)	ST70-702 TOP (VNM)	ST70-702 TOP/TR (VNM)	ST70-706 NIC/TOP (VNM)	ST70-712 NIC/TOP (VNM)	ST70-712/5 NIC/TOP (VNM)	ST70-730 NIC/TOP (VNM)	ST70-782 NIC/TOP (VNM)	ST70-782 TOP (VNM)	ST70-820 TOP (VNM)	ST72-600 T OP (VNM)	ST72-862 TOP (VNM)	
Keyboard Control	29501 082 5900			●	●	●	●						●	●	●	●											
Keyboard Control	29501 082 6100										●	●															
Keyboard Control	29501 082 6200									●																	
CRT Panel	29305 122 2100		●																							●	●
CRT Panel	29305 122 2300		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BSO Board	29305 119 4400			●																						●	●
Socket Board	29305 008 3700																									●	●
Socket Board	29305 008 3800		●	●																							
Keyboard Control	29501 081 8500							●									●										
Keyboard Control	29501 083 2500																									●	●
Keyboard Control	29501 083 4400		●	●																							
Mains Switch Board	29305 165 7100																									●	●
Mains Switch Board	29305 165 7300		●	●																							
Mains Switch Board	29305 165 7600								●									●									
Processor Board	29305 219 0200		1)	1)	1)		1)				1)	1)	1)	1)	1)	1)	1)				1)	1)	1)	1)	1)	1)	1)
Processor Board	29305 219 0300				1)	1)		1)	1)				1)					1)	1)	1)							
SAT Module SER 250	G.AE 0700		2)	2)		2)	2)		2)	2)	2)		2)	2)	2)	2)	2)				2)	2)	2)	2)	2)	2)	2)
SAT Module SNR 105	G.AD 9551				2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)
TP 715	29642 062 1102			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TP 800	29642 061 0100																									●	●
TP 900	29642 061 1100		●	●																							
Tuner PLL	29504 301 0100		1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)
Tuner PLL	81406 016 1200		1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)
UG2-Shift	29305 119 4300		●	●																					●	●	

CUC 7303 (F)	Designation	Part No.	P37-080 TR (VNM)	P37-830 TEXT/TR (VNM)	P37-837 TEXT (VNM)	P37-838 TEXT (VNM)	P37-844 FR (VNA)	P37-848 FR TEXT (VNA)	P37-9441 FR (VNM)	P37-9442 FR (VNM)	P37-9443 FR (VNM)	P45-830/4 TEXT (VNA)	P45-830 TEXT (VNA)	P45-848 FR TEXT (VNA)	T51-071 (VNX)	T51-071 TR (VNA)	T51-071 TR (VNM)	T51-3035 TEXT (VNX)	T51-720 TEXT (VNX)	T51-731 TEXT (VNX)	T51-731 TEXT/TR (VNA)	T51-731 TEXT/TR (VNM)	T51-732/4 TEXT (VNA)	T55-3035 TEXT (VNX)	T55-830 TEXT (VNA)	T55-830 TEXT/TR (VNA)	T55-830 TEXT/TR (VNM)	T55-830/4 TEXT (VNA)	T55-837 TEXT (VNM)	T55-838 TEXT (VNM)	T55-844 FR (VNA)	T55-848 FR TEXT (VNA)				
CRT Panel	29305 022 8700		●	●	●	●	●	●	●	●	●																									
CRT Panel	29305 022 8800											●	●	●																						
CRT Panel	29305 022 9000														●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
TP 715	29642 062 1102		●	●	●	●	●	●																												
TP 715	29642 062 4600								1)																											
TP 715	29642 062 4700									1)																										
TP 715	29642 062 4800																																			
TP 750 C	29642 062 5100																																			
TP 750 C	29642 062 5200																																			
TP 750 C	29642 062 5300								1)																											
Tuner PLL	29504 301 0100						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tuner VST	81406 016 1000		1)	1)	1)	1)											1)						1)													
Tuner VST	81406 016 1400		1)	1)	1)	1)											1)						1)													

1) optionally fitted
2) retrofittable



CUC 2005
 CUC 2021
 CUC 2031 F
 CUC 2032
 CUC 2035 F
 CUC 7350

CUC 2030N
 CUC 2050N
 CUC 2080N



Designation	Part No.	DAVIO 55	DAVIO 70	DAVIO 70	GREENVILLE	P37-840/12	ST55-715	ST55-725	ST55-798	ST55-805	ST55-805	ST55-805	ST55-825	ST55-855	ST55-898	ST55-898	ST63-705	ST70-602	ST70-703	ST70-705	ST70-705	ST70-788	ST70-798	ST72-870	ST84-896	
Keyboard Control	29501 082 5900																									
Keyboard Control	29501 082 6100																									
Keyboard Control	29501 082 7000																									
Keyboard Control	29501 082 8200																									
CRT Panel	29305 022 1700																									
CRT Panel	29305 022 2000																									
CRT Panel	29305 122 1900																									
CRT Panel	29305 122 2100																									
CRT Panel	29305 122 2300																									
CRT Panel	29305 122 2800																									
BSO Board	29305 119 4400																									
Socket Board	29305 008 3700																									
Feature Box CT I/LTI	29305 119 3500																									
Feature Box	29305 129 0700																									
Keyboard Control	29501 081 8500																									
Keyboard Control	29501 083 2500																									
Keyboard Control	29501 083 7000																									
Mains Switch Board	29305 165 7100																									
Mains Switch Board	29305 165 7600																									
12V Power Supply Unit	29305 007 3200																									
AF-Amplifier	29504 102 8100																									
AF-Amplifier	29504 102 8200																									
AF-Amplifier DPL 2	G.AD 8900																									2)
PIP Module	29524 106 5100																									2)
PIP Module PIP 4	G.AD 9000																									2)
Processor Board	29305 219 0200																									
Processor Board	29305 219 0300																									
Processor Board	29305 319 0300																									
SAT Module	29504 106 2800	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)
SAT Module SER 250	G.AE 0700																									2)
SAT Module SNR 105	G.AD 9551		2)														2)		2)	2)				2)		2)
TP 712	29642 063 0100																									
TP 715	29642 062 1102	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)
TP 750 C	29642 062 1800																									
TP 750 C	29642 062 1900	1)																								
TP 800	29642 061 0104																									
TP 810 C	29642 061 1001																									
Tuner	29504 201 3100																									
Tuner PLL	29504 301 0100	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)
Tuner PLL	81406 016 1200	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1)
UG2-Panorama View	29305 119 4300																									
Audio-IF	29504 102 4000																									

1) optionally fitted 2) retrofittable

Designation	Part No.	Digi Basic ++											
		DAVIO 55 M55-290/8 IDTV	DAVIO 70 M70-290/8 IDTV (VNM)	DAVIO 70 M70-290IDTV (VNM)	GREENVILLE 100 SE 7030 (VNM)	M72-798 IDTV	M84-211/8 IDTV (VNM)	MW82-40/8 (VNM)	ST70-209 (VNM)	ST70-250 IDTV (VNM)	ST70-260/8 IDTV (VNM)	ST70-869 A IDTV (VNM)	XENTIA 63 M63-400/8 (VNM)
Keyboard Control	29501 082 1300												
Keyboard Control	29501 082 7600												
Keyboard Control	29501 082 7900	•											
Keyboard Control	29501 082 8100		•	•									
Keyboard Control	29501 085 0200											•	
Keyboard Control	29501 085 0400							•					
CRT Panel	29305 122 1700	•	•	•	•	•	•	•	•	•	•	•	
CRT Panel	29305 122 2000							•					
Socket Board	29305 008 4000					•							
Socket Board	29305 008 4100				•								
Feature Box	29504 103 4200	•	•	•	•	•	•	•	•	•	•	•	
Focusing Board	29305 025 3600							•					
Velocity Modulator	29305 108 0700							•					
Keyboard Control	29501 081 8500									•			
Keyboard Control	29501 081 9500						•						
Keyboard Control	29501 083 0200				•								
Keyboard Control	29501 083 0400							•					
Keyboard Control	29501 083 2400					•							
Mains Interfer. Suppressor	29308 150 0700									•			
Mains Switch Board	29305 165 6400				•								
Mains Switch Board	29305 165 6800					•							
Mains Switch Board	29305 165 1900									•			
Standby Power Supply Unit	29304 050 2900	•	•	•	•	2)	•	2)	•	•	2)	2)	•
Standby Power Supply Unit	29304 050 8200		•	•	•	2)		2)		•	2)	2)	
PIP 3 Module	29504 106 5400	2)	2)	2)	2)	2)		2)	2)	2)	2)	2)	2)
PIP Module	29504 106 5300				•	2)	2)						
SAT Module	29504 106 2400	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)
Signal Module	29504 102 3400					•							
Signal Module	29504 102 3600					3)							
Signal Module	29504 162 3400	•	•	•	•		•	•	•	•	•	•	•
Signal Module	29504 162 3600	3)	3)	3)	3)		3)	3)	3)	3)	3)	3)	3)
TP800	29642 061 0104	•	•	•		•	•		•		•		
TP810C	29642 061 1001		•					•		•	•		•
TP900	29642 061 1103				•								
Tuner	29504 201 2100	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)
Tuner	29504 201 3100							•		•	•	•	•
Tuner	29504 301 0100	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)
VGA2 Module	29305 160 3600	•	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)	2)

- 1) optionally fitted
- 2) retrofittable
- 3) optionally from software version ≥ 19798 318 1000
- 4) dependent on Signal Module





CUC 1832 **Digi Basic 3**
CUC 1930
CUC 1931

Designation	Part No.	ARGANTO 70 MW70-510/8 DPL (VNM)	ARGANTO 82 MW82-510/8 DPL (VNM)	ATLANTA SE7250 PIP DOLBY (VNM)	ATLANTA SE7250/8 DOLBY (VNM)	BERLIN SE7050/8 PIP/DOLBY	DENVER SE 8250/8 PIP/DOLBY (VNM)	SYDNEY SE7230 DOLBY (VNM)	XENTIA 72 FLAT MF72-490 DOLBY (VNM)	XENTIA 72 FLAT MF72-490/8 DOLBY (VNM)	XENTIA 72 M72-400 DOLBY (VNM)	XENTIA 72 M72-400/8 DOLBY (VNM)
Keyboard Control	29501 082 8800			•	•			•				
Keyboard Control	29501 085 0100								•	•	•	•
CRT Panel	29305 122 2400		•				•					
CRT Panel	29305 122 2600	•				•					•	•
CRT Panel	29305 122 3000			•	•			•	•	•		
Click Fit Socket Board	29305 160 6000	•	•									
Dynamic Focusing Board	29305 025 3700		•				•					
Dynamic Focusing Board	29305 025 4200			•	•			•	•	•		
EPG Board	29305 129 0300	•	•			1) 1)			•	•	•	•
EPG Board	29305 129 1100					1) 1)						
EURO-AV3 Board	29305 160 3700	•	•			•	•			•		•
Feature Box	29504 209 0100		•									
Feature Box	29504 209 0200	•		•	•			•				
Feature Box	29504 209 0300								•	•		
Feature Box	29504 209 0500					•	•				•	•
Keyboard Control	29501 083 8000	•	•			•	•					
LFR Board	29305 014 4100		•									
Mains Switch Board	29305 165 8100	•	•			•	•					
Mains Switch Board	29305 165 8400			•	•			•				
Standby Power Supply Unit	29304 050 8200	•	•	•	•	•	•	•	•	•	•	•
AF-Amplifier	29504 204 0100			•				•	1)	1)		
AF-Amplifier	29504 204 0300	•	•									
AF-Amplifier	29504 204 0400				•					1)	1)	
AF-Amplifier	29504 204 0500			1) 1)			1) 1)	1) 1)	1) 1)	1) 1)		
AF-Amplifier	29504 204 0600					•	•					
PIP Module	29504 206 0100			•		•	•					
PIP Module PIP5	G.AE 2000	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)
PIP Module PIP6	G.AE 7300	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)
Processor Board	29504 203 0100		•					1) 1)	1) 1)			
Processor Board	29504 203 0200	•										
Processor Board	29504 203 0400			•	•			•			•	•
Processor Board	29504 203 0600					1) 1)	1) 1)		1) 1)			
Processor Board	29504 203 0800					1)						
Processor Board	29504 203 0900					1)						
Rotation Board	29305 129 0200		•				•					
SAT Module SER 300	29504 222 0100	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)	2) 2)
Signal Module	29504 202 0100			•				•	•		•	
Signal Module	29504 212 0200	2) 2)	2) 2)	• 2)	3) 3)	• 2)	3) 3)	3) 3)	3) 3)	3) 3)	3) 3)	3) 3)
Signal Module	29504 262 0100	•	•	•	•	•			•	•		•
TP 810 C	29642 061 1001										•	•
TP 850 C	29642 061 0901	•	•						•	•		
TP 910 C	29642 061 1201			•	•	•	•	•				
Tuner	29504 301 0100	•	•	•	•	•	•	•	•	•	•	•
Tuner	81406 016 1900			•		•						
VGA-Module	on Processor B.	•	•			•	•		•	•		
VGA-Module VGA 3	G.AF 4900										2) 2)	2) 2)

1) optionally fitted
 2) retrofittable
 3) when retrofitting PIP5

CUC 1983 Digi 6			
Designation	Part No.	ARGANTO 82 MW82-520/9 PALPLUS	
CRT Panel	29305 122 1500	●	
Dolby	29305 119 1700	●	
Double Window	29504 109 2100	●	
Dynamic Focusing Board	29305 025 2900	●	
EURO-AV Socket Board	29305 160 3400	●	
Feature Box	29504 103 3800	1)	
Feature Box	29504 103 4400	1)	
Keyboard Control	29501 083 8200	●	
Mains Switch Board	29305 165 8200	●	
AF-Amplifier	29504 104 8100	●	
PALplus (Feature Box)	29305 014 4000	●	
PIP Module	29504 165 9700	●	
PIP Module	29504 165 9800	●	
SAT Module SER 150 ET	G.AD 2500	2)	
Signal Module	29504 162 3500	1)	
Signal Module	29504 162 3700	1)	
TP 850 C	29642 061 0900	●	
Tuner	29504 201 2100	●	
Tuner	29504 301 0100	●	
VGA Module	29305 160 3500	●	

1) optionally fitted
 2) retrofittable



GRUNDIG Tele-Pilot® Remote Control Handsets/Overview - TV Product Range

TV



TP 710
29642 059 1200



TP711
29642 062 0100



TP712
29642 063 0100



TP715
29642 062 1100



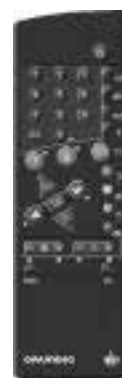
TP 720 (SAT)
29642 059 0600
(29642 059 1800)



TP760 (HiFi)
29642 059 0100
(29642 059 1100)



TP770
29642 062 1100



TP 771
29642 059 5100



TP800
29642 061 0100



TP900
29642 061 1100



TVP762
75988 017 0600



TVP763
75988 019 9700



TVP860
72011 650 0400



TP 800 PT
29642 061 0400



TP 810 C
29642 061 1001



TP 815 C
29642 061 1400



TP 850 C
29642 061 0901
TP 950 C
29642 061 0701



TP 910 C
29642 061 1201



TP WEB
29642 064 0100



Personal Remote 10
29642 061 1501



TV Control 1
72011 601 0000



TV Control 2
72011 602 0000



TRC 1
75990 200 1400



TRC 2
75990 300 0000

Retrofitting Options for Colour Television Receivers (up to 1998/1999)

1. To receive additional or different Standards
2. Teletext
3. Connecting sockets
4. Sat reception

The following tables show which retrofit kit or module is required in each case.

In **Table 1** all CCIR-PAL Colour Television Receivers up to '98/99 are listed along with a number code.

In connection with **Table 2** these number codes are used to establish the module required to achieve retrofit or conversion requirements. The resulting redundant modules are also indicated.

All modules and adapters listed in this chapter are obtainable from the Service or Sales Department operated by Grundig Branches or Sales Companies.

TV



Table 1 to establish the number code

	Secam East	Secam West 5)	NTSC Sound 4.5 MHz	GB Sound 6 MHz	OIRT Sound 6.5 MHz	Tele-text	SAT	S-VHS Hosiden or Euro-AV	Video+ Audio Cinch	Head-phone Socket k = 3.5 K = 6.3
	Norm B/G	Norm L	Norm M	Norm I	Norm D/K/K'					
ATLANTA SE 7220 a IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
ATLANTA SE 7220 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
ATLANTA SE 7220 IDTV/PIP	●	-	1)3)4)	-	-	●	19	●	●	●
ATLANTA SE 7289 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
BERLIN SE 70-100/8	●	●	1)2)3)	●	●	●	19	●	●	k
BERLIN SE 7027/8 PIP	●	●	1)2)3)	●	●	●	19	●	●	●
BERLIN SE 7290 IDTV/LOG	●	10	10	10	10	●	-	●	●	k
BOSTON SE 7090 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
BOSTON SE 7090/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
BOSTON ST 270 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
BOSTON ST 270/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
COPENHAGEN ST 763 TOP/LOG	13	-	1)2)3)	-	-	●	18	●	●	k
Denver SE 82-100 PALplus	●	●	●	●	●	●	19	●	●	k
Denver SE 82-100 PALplus (with dw)	●	●	●	●	●	●	19	●	●	●
DENVER SE 82-100 PALplus (without dw)	●	●	●	●	●	●	19	●	●	●
DENVER SE 8216/9 PALplus	●	●	●	●	●	●	19	●	●	k
DENVER SE 8216/9 PIP/Referenz	●	●	●	●	●	●	19	●	●	k
E 55-700 TOP/LOG TV-Max	13	-	-	-	-	●	18	●	●	K
E 55-700/9 TOP/LOG TV-Max	●	●	●	●	●	●	18	●	●	K
E 72-170 IDTV Elegance	●	10	10	10	10	●	-	●	●	k
E 72-911 DPL/IDTV	●	●	●	●	●	●	-	●	●	k
GREENVILLE 370 SE 3781 text	-	-	-	-	-	●	23	-	-	●
GREENVILLE 550 SE 5586 TOP	-	-	-	-	-	●	20	●	●	●
GREENVILLE 7002 text	-	-	-	-	-	●	-	-	●	k
GREENVILLE 7002/8 text	●	●	-	●	●	●	-	-	●	k
GREENVILLE 7003 NIC/TOP	-	-	-	●	●	●	-	●	●	k
GREENVILLE 7003 text	-	-	-	-	-	●	-	●	●	k
GREENVILLE 7004 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
LISSABON SE 5576 text	-	-	1)3)4)	-	-	●	-	●	●	k
M 55-280/8 a IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	●
M 55-280/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
M 61-1690 DPL	●	●	●	●	●	●	18	●	●	k
M 61-1690 TOP/LOG	●	●	●	●	●	●	18	●	●	k
M 63-115/9 IDTV	●	●	●	●	●	●	-	●	●	k
M 63-280 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
M 63-280/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
M 63-281 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
M 63-281 IDTV/LOG /from 7/98	●	-	1)3)4)	-	-	●	19	●	●	●
M 63-281/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
M 63-281/8 IDTV/LOG /from 7/98	●	●	1)2)3)	●	●	●	19	●	●	●
M 63-776/9 TOP	●	●	●	●	●	●	18	●	●	k
M 70-169/9 IDTV	●	●	●	●	●	●	-	●	●	k
M 70-1690 DPL/IDTV	●	●	●	●	●	●	-	●	●	k
M 70-1690 DPL/IDTV/LOG	●	●	●	●	●	●	-	●	●	k
M 70-1690 TOP/LOG	●	●	●	●	●	●	18	●	●	k
M 70-269 PALplus/LOG	●	●	●	●	●	●	19	●	●	k
M 70-269/9 Referenz	●	●	●	●	●	●	19	●	●	k
M 70-280 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
M 70-280/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
M 70-281 IDTV/LOG /from 7/98	●	-	1)3)4)	-	-	●	19	●	●	●
M 70-281 IDTV/LOG /to 7/98	●	-	1)3)4)	-	-	●	19	●	●	k

1) NTSC 4.43 MHz
4) no NTSC 3.58 MHz

2) NTSC 3.58 MHz only via AV
5) TV sets designated /8 no French Band I

3) no 4.5 MHz sound



**Continuation of Table 1
to establish the number code**

	Secam East	Secam West 5)	NTSC Sound 4.5 MHz	GB Sound 6 MHz	OIRT Sound 6.5 MHz	Tele- text	SAT	S-VHS Hosiden or Euro-AV	Video+ Audio Cinch	Head- phone Socket k = 3.5 K = 6.3
	Norm B/G	Norm L	Norm M	Norm I	Norm D/K/K'					
M 70-281/8 IDTV/LOG /from 7/98	●	●	1)2)3)	●	●	●	19	●	●	●
M 70-281/8 IDTV/LOG /to 7/98	●	●	1)2)3)	●	●	●	19	●	●	k
M 70-290 IDTV	●	-	1)3)4)	-	-	●	19	●	●	●
M 70-290/8 IDTV	●	●	1)2)3)	●	●	●	19	●	●	●
M 72-100	●	-	1)3)4)	-	-	●	19	●	●	k
M 72-100 a	●	-	1)3)4)	-	-	●	19	●	●	●
M 72-100/8	●	●	1)2)3)	●	●	●	19	●	●	k
M 72-100/8 a	●	●	1)2)3)	●	●	●	19	●	●	●
M 72-115 IDTV	●	10	10	10	10	●	-	●	●	k
M 72-215 IDTV/Referenz	●	10	10	10	10	●	-	●	●	k
M 72-215/9 IDTV/PIP/Referenz	●	●	●	●	●	●	-	●	●	k
M 72-270 IDTV/LOG Elegance	●	-	1)3)4)	-	-	●	19	●	●	k
M 72-315 IDTV/Referenz	●	10	10	10	10	●	-	●	●	k
M 72-315/9 IDTV/PIP/Referenz	●	●	●	●	●	●	-	●	●	k
M 72-410 Reference	●	21	21	21	21	●	19	●	●	k
M 72-410 Reference/PIP	●	21	21	21	21	●	19	●	●	k
M 72-410/9 Reference	●	●	●	●	●	●	19	●	●	k
M 82-115/9 IDTV/PIP	●	●	●	●	●	●	-	●	●	k
M 82-169 a PALplus	●	●	●	●	●	●	-	●	●	k
M 82-169/9 IDTV	●	●	●	●	●	●	-	●	●	k
M 82-1690/9 TOP/LOG	●	●	●	●	●	●	18	●	●	k
M 82-269 PALplus/LOG	●	●	●	●	●	●	19	●	●	k
M 82-269/9 Reference	●	●	●	●	●	●	19	●	●	k
M 84-210/8 a IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	●
M 84-410/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
M 95-115/9 IDTV/PIP	●	●	●	●	●	●	-	●	●	k
M 95-410/9 a Reference/PIP	●	●	●	●	●	●	19	●	●	k
M 95-410/90 Referenz/PIP	●	●	●	●	●	●	19	●	●	k
M 95-411/9 Reference/PIP	●	●	●	●	●	●	19	●	●	●
Melbourne SE 7210 a NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
Melbourne SE 7210 NIC/TOP	-	-	1)3)4)	●	●	●	-	●	●	k
Melbourne SE 7210 TOP	-	-	1)3)4)	-	-	●	-	●	●	k
Miami SE 3780 text	-	-	-	-	-	●	-	-	-	●
MW 70-100/8	●	●	1)2)3)	●	●	●	19	●	●	k
MW 70-269 PALplus	●	21	21	21	21	●	19	●	●	k
MW 70-269 PALplus (with dw)	●	-	1)2)3)	-	-	●	19	●	●	●
MW 70-2690 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
MW 82-100/9	●	●	●	●	●	●	19	●	●	k
MW 82-100/9 (with dw)	●	●	●	●	●	●	19	●	●	●
MW 82-100/9 (without dw)	●	●	●	●	●	●	19	●	●	●
MW 82-100/9 PALplus	●	●	●	●	●	●	19	●	●	k
MW 82-100/9 PALplus (with dw)	●	●	●	●	●	●	19	●	●	●
MW 82-100/9 PALplus (without dw)	●	●	●	●	●	●	19	●	●	●
MW 82-2690 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	k
MW 82-50/8	●	●	1)2)3)	●	●	●	19	●	●	●
MW 82-520/9 PALplus	●	●	●	●	●	●	19	●	●	●
P 37-065	-	-	-	-	-	-	-	-	-	-
P 37-065/5	●	-	1)3)4)	-	●	-	-	-	-	-
P 37-070	-	-	-	-	-	-	-	-	-	-
P 37-071	-	-	-	-	-	-	-	-	-	-
P 37-080	-	-	-	-	-	-	-	-	-	●

1) NTSC 4.43 MHz
4) no NTSC 3.58 MHz

2) NTSC 3,58 MHz only via AV
5) TV sets designated /8 no French Band I

3) no 4.5 MHz sound

Continuation of Table 1 to establish the number code	Secam East	Secam West 5)	NTSC Sound 4.5 MHz	GB Sound 6 MHz	OIRT Sound 6.5 MHz	Tele-text	SAT	S-VHS Hosiden or Euro-AV	Video+ Audio Cinch	Head-phone Socket k = 3.5 K = 6.3
	Norm B/G	Norm L	Norm M	Norm I	Norm D/K/K'					
P 37-3035	●	-	1)3)4)	-	●	-	-	-	-	●
P 37-730 text	-	-	-	-	-	●	-	-	-	-
P 37-731 text	-	-	-	-	-	●	-	-	-	k
P 37-731/12 text	●	●	-	-	-	●	-	-	-	-
P 37-732/5 text	●	-	1)3)4)	-	●	●	-	-	-	-
P 37-830 text	-	-	-	-	-	●	-	-	-	●
P 37-830/12 text Globetrotter	●	●	-	●	-	●	-	-	-	●
P 37-830/4 text	●	-	1)3)4)	-	●	●	-	-	-	●
P 37-842 FR	●	●	-	●	-	●	-	-	-	●
P 37-843 a FR	●	●	-	●	-	-	-	-	-	-
P 37-846 FR/text	●	●	-	●	-	●	-	-	-	●
P 37-847 FR/text	●	●	-	●	-	●	-	-	-	●
P 3770 text	-	-	-	-	-	●	-	-	-	-
P 40-64/4 FM/CL	●	-	-	●	●	14	-	-	●	k
P 45-731 text	-	-	-	-	-	●	-	-	-	k
P 45-830 text	-	-	-	-	-	●	-	-	-	●
P 45-830/4 text	●	-	1)3)4)	-	●	●	-	-	-	●
P 45-846 FR/text	●	●	-	●	-	●	-	-	-	●
P 45-847 FR/text	●	●	-	●	-	●	-	-	-	●
Planatron 110/1E	●	●	5) 6)	-	-	●	-	●	●	●
Planatron PW 110-520/9 PALplus	●	●	●	●	●	●	22	●	●	●
SE 6376 TOP/LOG	13	-	1)2)3)	-	-	●	18	●	●	k
SE 7088 IDTV	●	10	10	10	10	●	-	●	●	k
SE 7089 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
SP 737 text GREENVILLE 37	-	-	-	-	-	●	-	●	●	k
ST 170 IDTV Boston	●	10	10	10	10	●	-	●	●	k
ST 1770 TOP GREENVILLE 70	13	-	-	-	-	●	18	●	●	k
ST 55-710 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
ST 55-750 text	-	-	-	-	-	●	-	●	●	k
ST 55-750/9 text	●	●	●	●	●	●	-	●	●	k
ST 55-798 text	-	-	1)3)4)	-	-	●	-	●	●	●
ST 55-800 a text	-	-	1)3)4)	-	-	●	20	●	●	k
ST 55-800 a TOP	-	-	-	-	-	●	20	●	●	●
ST 55-800 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
ST 55-800 text	-	-	1)3)4)	-	-	●	-	●	●	k
ST 55-800/9 text	●	●	●	●	●	●	-	●	●	k
ST 55-801/9 text	●	●	●	●	●	●	-	●	●	●
ST 55-850 FR/TOP	●	●	1)3)4)	●	-	●	20	●	●	●
ST 55-850 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
ST 55-850 TOP	-	-	-	-	-	●	20	●	●	●
ST 55-876/9 text	●	●	●	●	●	●	-	●	●	k
ST 55-900 FR/TOP	●	●	1)3)4)	●	-	●	20	●	●	●
ST 55-95 ECO	-	-	-	-	-	●	-	●	-	k
ST 63-160 a IDTV	●	10	10	10	10	●	-	●	●	k
ST 63-255 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
ST 63-255/8 IDTV	●	●	1)3)4)	●	●	●	19	●	●	k
ST 63-255/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
ST 63-270/8 IDTV /from 6/98	●	●	1)2)3)	●	●	●	19	●	●	●
ST 63-700 FR/TOP	●	●	1)3)4)	●	-	●	-	●	●	k
ST 63-700 NIC/TOP	-	-	-	●	●	●	-	●	●	k
ST 63-700 text	-	-	-	-	-	●	-	●	●	k

1) NTSC 4.43 MHz
4) no NTSC 3.58 MHz

2) NTSC 3.58 MHz only via AV
5) TV sets designated /8, no French Band I

3) no 4.5 MHz sound



**Continuation of Table 1
to establish the number code**

	Secam East	Secam West 5)	NTSC Sound 4.5 MHz	GB Sound 6 MHz	OIRT Sound 6.5 MHz	Tele- text	SAT	S-VHS Hosiden or Euro-AV	Video+ Audio Cinch	Head- phone Socket k = 3.5 K = 6.3
	Norm B/G	Norm L	Norm M	Norm I	Norm D/K/K'					
ST 63-705 NIC/text	-	-	1)2)3)	●	●	●	20	●	●	●
ST 63-710 NIC/text	-	-	1)2)3)	●	●	●	20	●	●	●
ST 63-720/8 text	●	●	-	●	●	●	-	-	●	k
ST 63-725/8 text	●	●	-	●	●	●	-	-	●	k
ST 63-750 text	-	-	-	-	-	●	-	-	●	k
ST 63-750/9 TOP	●	●	●	●	●	●	18	●	●	k
ST 63-780 NIC/TOP	-	-	-	●	●	●	-	●	●	k
ST 63-780 text	-	-	1)3)4)	-	-	●	20	●	●	●
ST 63-800 TOP/LOG	13	-	1)3)4)	-	-	●	18	●	●	k
ST 63-800/9 TOP/LOG	●	●	●	●	●	●	18	●	●	k
ST 70-100 IDTV	●	10	10	10	10	●	-	●	-	k
ST 70-150 IDTV	●	10	10	10	10	●	-	●	●	k
ST 70-160 IDTV	●	10	10	10	10	●	-	●	●	k
ST 70-160/9 IDTV	●	●	●	●	●	●	-	●	●	k
ST 70-200 IDTV	●	-	1)3)4)	-	-	●	19	●	●	●
ST 70-255 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
ST 70-255/8 IDTV	●	●	1)3)4)	●	●	●	19	●	●	k
ST 70-255/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
ST 70-270 IDTV /from 8/98	●	-	1)3)4)	-	-	●	20	●	●	●
ST 70-270 IDTV /to 8/98	●	-	1)3)4)	-	-	●	19	●	●	k
ST 70-270/8 IDTV /from 9/98	●	●	1)2)3)	●	●	●	19	●	●	●
ST 70-270/8 IDTV /to 9/98	●	●	1)2)3)	●	●	●	19	●	●	k
ST 70-278 IDTV /from 8/98	●	-	1)3)4)	-	-	●	19	●	●	●
ST 70-600 text	-	-	1)3)4)	-	-	●	20	●	●	●
ST 70-700 DPL/NIC/FT	-	-	-	●	●	●	-	●	●	k
ST 70-700 FR/TOP	●	●	1)3)4)	●	-	●	-	●	●	●
ST 70-700 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
ST 70-700 text	-	-	1)3)4)	-	-	●	20	●	●	●
ST 70-705 NIC/text	-	-	1)2)3)	●	●	●	20	●	●	●
ST 70-705/8 text	●	●	-	●	●	●	-	-	●	k
ST 70-705/9 TOP	●	●	●	●	●	●	18	●	●	k
ST 70-705/9 TOP/LOG	●	●	●	●	●	●	18	●	●	k
ST 70-710 NIC/text	-	-	1)2)3)	●	●	●	20	●	●	●
ST 70-715 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
ST 70-720/8 text	●	●	-	●	●	●	-	-	●	k
ST 70-725/8 text	●	●	-	●	●	●	-	-	●	k
ST 70-728 text	-	-	-	-	-	●	-	-	-	k
ST 70-745 text	-	-	-	-	-	●	-	-	-	k
ST 70-750 text	-	-	-	-	-	●	-	-	●	k
ST 70-750/9 TOP	●	●	●	●	●	●	18	-	●	k
ST 70-755 TOP/LOG	13	-	-	-	-	●	18	●	●	k
ST 70-755/9 DPL	●	●	●	●	●	●	18	●	●	k
ST 70-755/9 DPL/LOG	●	●	●	●	●	●	18	●	●	k
ST 70-755/9 TOP/LOG	●	●	●	●	●	●	18	●	●	k
ST 70-760 TOP/LOG	13	-	1)3)4)	●	●	●	18	●	●	k
ST 70-770 text	-	-	-	-	-	●	-	-	●	k
ST 70-778 text	-	-	-	-	-	●	-	-	●	k
ST 70-780 FR/TOP	●	●	1)3)4)	●	-	●	-	●	●	k
ST 70-780 FR/TOP	●	●	1)3)4)	●	-	●	20	●	●	●
ST 70-780 NIC/TOP	-	-	-	●	●	●	-	●	●	k
ST 70-780 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●

1) NTSC 4.43 MHz
4) no NTSC 3.58 MHz

2) NTSC 3.58 MHz only via AV
5) TV sets designated /8 no French Band I

3) no 4.5 MHz sound

Continuation of Table 1 to establish the number code	Secam	Secam	NTSC	GB	OIRT	Tele-	SAT	S-VHS	Video+	Head-
	East	West	Sound	Sound	Sound	text		Hosiden	Audio	phone
		5)	4.5	6	6.5			or	Cinch	Socket
	Norm	Norm	MHz	MHz	MHz			Euro-AV		k = 3.5
	B/G	L	Norm	Norm	Norm					K = 6.3
			M	I	D/K/K'					
ST 70-780 text	-	-	-	-	-	●	-	●	●	k
ST 70-780 text	-	-	1)3)4)	-	-	●	20	●	●	●
ST 70-788	-	-	1)3)4)	-	-	●	20	●	●	●
ST 70-798 text	-	-	1)3)4)	-	-	●	20	●	●	●
ST 70-800 TOP/LOG	13	-	1)3)4)	●	●	●	18	●	●	k
ST 70-800/9 TOP/LOG	●	●	●	●	●	●	18	●	●	k
ST 70-810 DPL	-	-	1)3)4)	●	●	●	20	●	●	●
ST 70-819 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
ST 70-850 NIC/PIP	-	-	1)3)4)	●	●	●	20	●	●	●
ST 70-860 FR/TOP	●	●	1)3)4)	●	-	●	-	●	●	●
ST 70-869 IDTV	●	●	1)2)3)	●	●	●	19	●	●	k
ST 70-95 TOP	13	-	-	-	-	●	18	●	-	k
ST 70-97 IDTV	●	-	1)3)4)	-	-	●	19	●	●	k
ST 72-01 IDTV	●	-	1)3)4)	-	-	●	19	●	●	●
ST 72-161 IDTV	●	10	10	10	10	●	-	●	●	k
ST 72-161/9 IDTV	●	●	●	●	●	●	-	●	●	k
ST 72-261 IDTV/LOG	●	-	1)3)4)	-	-	●	19	●	●	k
ST 72-261/8 IDTV/LOG	●	●	1)2)3)	●	●	●	19	●	●	k
ST 72-700 TOP	-	-	1)3)4)	●	●	●	20	●	●	●
ST 72-760 text	-	-	-	-	-	●	-	-	●	k
ST 72-760/8 text	●	●	-	●	●	●	-	-	●	k
ST 72-761 SAT	13	-	-	-	-	●	●	●	●	k
ST 72-762 TOP	13	-	-	-	-	●	18	●	●	k
ST 72-762/9 TOP	●	●	●	●	●	●	18	●	●	k
ST 72-860 FR/TOP	●	●	1)3)4)	●	-	●	-	●	●	k
ST 72-860 NIC/TOP	-	-	1)3)4)	●	●	●	-	●	●	k
ST 72-860 TOP	-	-	1)3)4)	-	-	●	-	●	●	k
ST 72-865 NIC/TOP	-	-	1)3)4)	●	●	●	-	●	●	k
ST 763 TOP COPENHAGEN	13	-	-	-	-	●	18	●	●	k
ST 770/9 TOP HAMBURG	●	●	●	●	●	●	18	●	●	k
ST 84-796/9 TOP/LOG	●	●	●	●	●	●	18	●	●	k
ST 84-896 FR/TOP	●	●	1)3)4)	●	-	●	20	●	●	●
ST 84-896 NIC/TOP	-	-	1)3)4)	●	●	●	20	●	●	●
Sydney 100SE7020 IDTV/LOG /from 6/98	●	-	1)3)4)	-	-	●	19	●	●	●
Sydney 100SE7020 IDTV/LOG /to 6/98	●	-	1)3)4)	-	-	●	19	●	●	k
Sydney 100SE7021 IDTV/PIP	●	-	1)3)4)	-	-	●	19	●	●	●
Sydney 100/8SE7020/8IDTV/LOG/fr. 6/98	●	●	1)2)3)	●	●	●	19	●	●	●
Sydney 100/8SE7020/8IDTV/LOG/to 6/98	●	●	1)2)3)	●	●	●	19	●	●	k
SYDNEY ST 872/8 text	●	●	-	●	●	●	-	-	●	k
T 51-070	-	-	-	-	-	-	-	-	-	-
T 51-071	-	-	-	-	-	-	-	-	-	-
T 51-3035 text	●	-	1)3)4)	-	●	●	-	-	-	●
T 51-711 text	-	-	-	-	-	●	-	-	-	-
T 51-720 text	-	-	-	-	-	●	-	-	-	●
T 51-730 text	-	-	-	-	-	●	-	-	-	-
T 51-730/5 text	●	-	1)3)4)	-	●	●	-	-	-	-
T 51-731 text	-	-	-	-	-	●	-	-	-	-
T 51-732/5 text	●	-	1)3)4)	-	●	●	-	-	-	-
T 51-846 FR/text	●	●	-	●	-	●	-	-	-	●
T 55-3035	●	-	1)3)4)	-	●	-	-	-	-	●
T 55-3035 text	●	-	1)3)4)	-	●	●	-	-	-	●



1) NTSC 4.43 MHz
4) no NTSC 3.58 MHz

2) NTSC 3.58 MHz only via AV
5) TV sets designated /8 no French Band I

3) no 4.5 MHz sound

**Continuation of Table 1
to establish the number code**

	Secam East Norm B/G	Secam West 5) Norm L	NTSC Sound 4.5 MHz Norm M	GB Sound 6 MHz Norm I	OIRT Sound 6.5 MHz Norm D/K/K'	Tele- text	SAT	S-VHS Hosiden or Euro-AV	Video+ Audio Cinch	Head- phone Socket k = 3.5 K = 6.3
T 55-64/4 FM/CL	●	-	-	●	●	14	-	-	●	k
T 55-645 text	-	-	-	-	-	●	-	-	-	-
T 55-730 text	-	-	-	-	-	●	-	-	-	k
T 55-730/5 text	●	-	1)3)4)	-	●	●	-	-	-	k
T 55-731 a text	-	-	-	-	-	●	-	-	-	●
T 55-731 text	-	-	-	-	-	●	-	-	-	k
T 55-732/5 text	●	-	1)3)4)	-	●	●	-	-	-	k
T 55-830 text	-	-	-	-	-	●	-	-	-	●
T 55-830/4 text	-	-	1)3)4)	-	●	●	-	-	-	●
T 55-840 TOP/SAT	-	-	-	-	-	●	●	-	-	●
T 55-842 FR	●	●	-	●	-	-	-	-	-	●
T 55-843 FR	●	●	-	●	-	-	-	-	-	-
T 55-846 FR/text	●	●	-	●	-	●	-	-	-	●
T 55-847 FR/text	●	●	-	●	-	●	-	-	-	●
T 5574 TOP GREENVILLE 55	-	-	-	-	-	●	17	●	●	k
T 70-740 text	-	-	-	-	-	●	-	-	-	k
T 70-740 TOP	-	-	-	-	-	●	-	-	●	k
T 70-740/4 TOP	●	-	-	-	●	●	-	-	●	k
T 70-843 FR	●	●	-	●	-	-	-	-	-	k
TRENTO SE 7016/9 PIP/Referenz	●	●	●	●	●	●	19	●	●	k
Trento SE 7026 PALplus	●	21	21	21	21	●	19	●	●	k
TVR 3730 text (version 1)	-	-	5)	-	-	●	-	-	●	●
TVR 3730 text (version 2)	-	-	5)	-	-	●	-	-	●	●
TVR 5100 (version 3)	-	-	5)	-	-	●	-	-	6)	●
TVR 5130 text (version 1)	-	-	5)	-	-	●	-	-	●	●
TVR 5130 text (version 2)	-	-	5)	-	-	●	-	-	●	●
TVR 5530 text (version 1)	-	-	5)	-	-	●	-	-	●	●
TVR 5530 text (V version 2)	-	-	5)	-	-	●	-	-	●	●
Wien 100 SE 6320 IDTV/LOG /from 6/98	●	-	1)3)4)	-	-	●	19	●	●	●
Wien 100 SE 6320 IDTV/LOG /to 6/98	●	-	1)3)4)	-	-	●	19	●	●	k
XS 55/1	-	-	-	-	-	●	-	●	-	k
XS 55/9	●	●	●	●	●	●	-	●	-	k
XS 63/2	-	-	-	-	-	●	-	-	-	k
XS 63/81	●	●	-	●	●	●	-	-	-	k
XS 70/81	●	●	-	●	●	●	-	-	-	k

1) NTSC 4.43 MHz
4) no NTSC 3.58 MHz

2) NTSC 3.58 MHz only via AV
5) TV sets designated /8 no French Band I

3) no 4.5 MHz sound

Table 2/ Allocation of Number Code (from Table 1) - required material - redundant modules

Number Code	For conversion necessary adapters, kits and modules	Redundant modules (basic version)
1	Audio module 6.0 MHz, BFBS-Norm 1)	
2	Audio module 6.5 MHz, OIRT-Norm 1)	
3	Audio module 4.5 MHz, AFN-Norm 1)	
4	Colour/RGB 29504 105 2800	Colour/RGB 29504 105 1400
5	Colour/RGB 29504 105 5100/ 5200/ 5400	Colour/RGB 29504 105 4900/ 5000
6	Audio module 6.5 MHz (see number code 2) + Colour/RGB 29504 105 5100/ 5200	Colour/RGB 29504 105 5000
7	VT 5336 (West) G.AV 7800 (29504 108 7600) or VT 5337 (East) G.AV 7900 (29504 108 7700)	
8	IF 29504 162 1700 + Colour/RGB 29504 165 5100/ 5200/ 5400 + Control Processor (IC 811) SDA 20561 A009 or equivalent, part no. 8305 157 56100	IF 29504 102 1700 Colour/RGB 29504 105 5000/ 5100/ 5200 SDA 20561 A008 or lower
9	VT 5436 G.AX 03 00 (29504 108 8300)	
10	IF 29504 162 4300/ 4600 Connecting cable IF/Display unit "IM" part no. 29200 233 4100	IF 29504 102 3300
11	IF 29504 162 4400 Connecting cable IF/Display unit (main chassis) "NI" part no. 29210 234 2200	IF 29504 102 1400
12 2)	IF 29504 182 2500	29504 102 2500
13	Colour Sync Module 29504 165 6700	29504 105 5600
14	VT 6301 G.AY 1400 (29504 108 3900)	
15	IF 29504 112 2500	IF 29504 102 2500
16 2)	IF 29504 182 2500 + Colour/RGB 29504 105 2800	IF 29504 102 2500 Colour/RGB 29504 105 1500
17	SER 7300 G.AX 7300 (29504 106 2300)	
18	SER 6350 G.AX 8200 (29504 106 2200)	
19	SER 150ET G.AD 2500 (29504 106 2400)	
20	Micro Sat Receiver for external integration	for modules produced from 9/98
21	Signal Module 29504 162 3500	29504 102 3500
22	SER 520 retrofittable into Planatron PW 110-520/9 PALplus (29305 302 0200)	
23	SER 2000 (29504 106 2800) G.AE 0600	

1) These audio modules are not included in the range of GRUNDIG accessories. They can be obtained for example from company Haas, Holzgasse 22, D-64380 Rossdorf, tel. 06154/9437.

2) Apply an operating voltage of +8 - 12 V (e.g. +B') to IF-contact 15 on the main chassis.

An additional single-pole switch (ON/OFF) can be used to switch over between 5.5 and 6.5 MHz sound IF.

TV-Modell / TV model	Bestellnummer / Order number	Chassis	Nachrüstung Retrofit EPROM	SNR 105	SER 150 ET	SER 250	SER 300	SER 520	SER 2000
ARGANTO 70 MW 70-510/8 DPL	GCH5975	CUC 1930 (Basic 3)					x		
ARGANTO 82 MW 82-510/8 DPL	GCH58...	CUC 1931 (Basic 3)					x		
ARGANTO 82 MW 82-520/9 PALplus	GCH4875	CUC 1983 (Digi 6)	19798 311 4700		x				
Atlanta SE 7220 IDTV/LOG	GCE95...	CUC 1826 (Basic+)	19798 300 2400		x				
Atlanta SE 7220 IDTV/PIP	GCG52...	CUC 1830 (Basic ++)			x				
Atlanta SE 7250 PIP/Dolby	GCI2575	CUC 1832 (Basic 3)					x		
Atlanta SE 7250/8 Dolby	GCI7375	CUC 1832 (Basic 3)					x		
Berlin SE 70-100/8	GCF6875	CUC 1828 (Basic ++)			x				
Berlin SE 7027/8 PIP	GCH5175	CUC 1828 (Basic ++)			x				
Berlin SE 7250/8 DOLBY	GCI7075	CUC 1930 (Basic 3)					x		
Boston SE 7010 IDTV	GCI0475	CUC 1836 (Basic++)			x				
Boston SE 7012 DOLBY	GCI23...	CUC 1837			x				
Boston SE 7090/8 IDTV	GCF3275	CUC 1826 (Basic+)	19798 300 2400		x				
DAVIO 55 M 55-290/8 IDTV	GCH47...	CUC 1806 (Basic++)			x				
DAVIO 55 M 55-292/8 DOLBY	GCI82...	CUC 1807			x				
DAVIO 55 ST 55-850 FR/TOP	GCH0972FB	CUC 2020 F		x					
DAVIO 55 ST 55-850 NIC/TOP	GCG88...	CUC 2020 N		x					
DAVIO 55 ST 55-855 NIC/TOP	GCK12...	CUC 2021 N	29798 001 1000						x
DAVIO 55 ST 55-855 TOP	GCH6372	CUC 2021	29798 001 1000						x
DAVIO 55 ST 55-870 FR/TOP	GCK1372FB	CUC 2021F	29798 001 1000						x
DAVIO 70 M 70-290 IDTV	GCH3072	CUC 1836 (Basic++)			x				
DAVIO 70 M 70-290/8 IDTV	GCH37...	CUC 1836 (Basic++)			x				
DAVIO 70 M 70-292 DOLBY	GCI8572	CUC 1837			x				
DAVIO 70 M 70-292/8 DOLBY	GCI84...	CUC 1837			x				
DAVIO 70 ST 70-850 NIC/PIP	GCH1072	CUC 2050 N	29798 001 2000				x ¹⁾		
DAVIO 70 ST 70-853 NIC/PIP	GCK0272	CUC 2050 N	29798 001 2000				x ¹⁾		
DAVIO 70 ST 70-860 FR/TOP	GCH1172FB	CUC 2030 F		x					
DAVIO 70 ST 70-870 FR/TOP	GCI2172FB	CUC 2035 F		x					
Denver SE 82-100 PAL PLUS	GCG3075	CUC 1984 (Digi 6)	19798 311 4700		x				
Denver SE 82-100 PAL PLUS	GCG3077	CUC 1984 (Digi 6)	19798 311 4700		x				
Denver SE 8216/9 PAL PLUS	GCF1590	CUC 1984 (Digi 6)	19798 311 4700		x				
Denver SE 8216/9 Ref./PIP	GCF0890	CUC 1984 (Digi 6)	19798 311 4700		x				
Denver SE 8227/8 PIP	GCH7875	CUC 1929 (Basic ++)			x				

¹⁾ Ab Chassis-Index 29304-764.22 2L (12) ist der Nachrüstsatz SER250 mit dem gelisteten EPROM verwendbar. Dieses TV-Gerät ist auch mit SNR105 nachrüstbar.

From chassis index 29304-764.22 2L (12) the SER250 Retrofit Kit with the specified EPROM is to be used. This TV set can also be retrofitted with SNR 105.

²⁾ Geräte mit Software 19798-515.XX können nicht nachgerüstet werden. TV sets with software 19798-515.XX are not retrofittable.

SAT Retrofitting Options

TV-Modell / TV model	Bestellnummer / Order number	Chassis	Nachrüstung Retrofit EPROM	SNR 105	SER 150 ET	SER 250	SER 300	SER 520	SER 2000
Denver SE 8250/8 DOLBY	GCI6975	CUC 1931 (Basic 3)					x		
Greenville 100 SE 7030	GCI5182	CUC 1836 (Basic++)			x				
Greenville 370 SE 3781 TOP	GCH7102	CUC 2003	29798 001 0300						x
Greenville 550 SE 5586 TOP	GCG3175	CUC 2020		x					
Greenville 560 SE 5587 TOP	GCH4375	CUC 2021	29798 001 1000						x
Greenville 7003 FR/TOP	GCF9581FB	CUC 2030 F		x ²⁾					
Greenville 7003 NIC/TOP	GCG0281	CUC 2030 N	from serial no. 006377	x					
Greenville 7003 text	GCF2481	CUC 2030	from serial no. 027772	x					
Greenville 7004 NIC/TOP	GCH5075	CUC 2050 N	29798 001 2000			x ¹⁾			
Greenville 7005 TOP	GCH8475	CUC 2032	29798 001 1000			x			
M 55-280/8 a IDTV/LOG	GCG5175	CUC 1806 (Basic++)			x				
M 55-280/8 IDTV/LOG	GCF1481	CUC 1805 (Basic)	19798 300 2400		x				
M 63-281 IDTV/LOG	GCE5481	CUC 1826 (Basic+)	19798 300 2400		x				
M 63-281 IDTV/LOG	GCE5485	CUC 1836 (Basic++)			x				
M 63-281/8 IDTV/LOG	GCE6081	CUC 1826 (Basic+)	19798 300 2400		x				
M 63-281/8 IDTV/LOG	GCE6085	CUC 1836 (Basic++)			x				
M 70-269/9 Reference (Ph.-CRT)	GCF3875	CUC 1952 (Digi 6)	19798 311 4700		x				
M 70-281 IDTV/LOG	GCF2881	CUC 1826 (Basic+)	19798 300 2400		x				
M 70-281 IDTV/LOG	GCF2885	CUC 1836 (Basic++)			x				
M 70-281/8 IDTV/LOG	GCF2981	CUC 1826 (Basic+)	19798 300 2400		x				
M 70-281/8 IDTV/LOG	GCF2985	CUC 1836 (Basic++)			x				
M 70-282 DOLBY	GCI8975	CUC 1837			x				
M 70-282/8 DOLBY	GCI8875	CUC 1837			x				
M 72-100	GCF1781	CUC 1826 (Basic+)	19798 300 2400		x				
M 72-100 a	GCG5475	CUC 1830 (Basic ++)			x				
M 72-100/8	GCF1881	CUC 1826 (Basic+)	19798 300 2400		x				
M 72-100/8 a	GCG5375	CUC 1830 (Basic ++)			x				
M 72-270/8 IDTV/LOG Elegance	GCH3626	CUC 1826 (Basic+)	19798 300 2400		x				
M 72-410 Reference	GCE6175	CUC 1842 (Digi 6)	19798 311 4700		x				
M 72-410 Reference/PIP	GCF6050	CUC 1842 (Digi 6)	19798 311 4700		x				
M 72-410 Reference/PIP	GCF6075	CUC 1842 (Digi 6)	19798 311 4700		x				
M 72-410/9 Reference	GCE6275	CUC 1842 (Digi 6)	19798 311 4700		x				
M 72-510/8 PIP	GCH6175	CUC 1832 (Basic 3)					x		

¹⁾ Ab Chassis-Index 29304-764.22 2L (12) ist der Nachrüstsatz SER250 mit dem gelisteten EPROM verwendbar. Dieses TV-Gerät ist auch mit SNR105 nachrüstbar.
From chassis index 29304-764.22 2L (12) the SER250 Retrofit Kit with the specified EPROM is to be used. This TV set can also be retrofitted with SNR 105.

²⁾ Geräte mit Software 19798-515.XX können nicht nachgerüstet werden. TV sets with software 19798-515.XX are not retrofittable.

TV-Modell / TV model	Bestellnummer / Order number	Chassis	Nachrüstung Retrofit EPROM	SNR 105	SER 150 ET	SER 250	SER 300	SER 520	SER 2000
M 72-520/8 DPL/PIP	GCH6075	CUC 1832 (Basic 3)					x		
M 72-798 IDTV	GCI7172	CUC 1830 (Basic ++)			x				
M 82-269 PAL PLUS/LOG	GCC7290	CUC 1983 (Digi 6)	19798 311 4700		x				
M 82-269/9 Reference (Ph.-CRT)	GCF4090	CUC 1984 (Digi 6)	19798 311 4700		x				
M 84-210/8 a IDTV/LOG	GCG5590	CUC 1829 (Basic ++)			x				
M 84-211/8 IDTV	GCI1290	CUC 1829 (Basic ++)			x				
M 84-212/8 DOLBY	GCI9090	CUC 1839			x				
M 95-410/9 Reference/PIP	GCE6390	CUC 1894 (Digi 6)	19798 311 4700		x				
M 95-411/9 Reference/PIP	GCG4890	CUC 1894 (Digi 6)	19798 311 4700		x				
Melbourne SE 7210 a NIC/TOP	GCG05...	CUC 2051 N	29798 001 2000			x ¹⁾			
Melbourne SE 7210 NIC/TOP	GCF89...	CUC 2031 N		x ²⁾					
Melbourne SE 7212 TOP	GCI08...	CUC 2033	29798 001 1000			x			
MFW 82-710/9 DPL/PIP	GCH7242	CUC 1931 (Basic 3)					x		
MFW 82-720/9 DVD	GCI0542	CUC 1931 (Basic 3)					x		
MW 70-100/8	GCF2681	CUC 1828 (Basic ++)			x				
MW 70-150/8 DOLBY	GCI9175	CUC 1934			x				
MW 70-269 PAL PLUS	GCF6782	CUC 1952 (Digi 6)	19798 311 4700		x				
MW 70-269 PAL PLUS	GCF6785	CUC 1952 (Digi 6)	19798 311 4700		x				
MW 70-2690 FR/TOP	GCH1275FB	CUC 2059 F	29798 001 2000			x ¹⁾			
MW 70-2690 NIC/TOP	GCF9875	CUC 2059 N	29798 001 2000			x ¹⁾			
MW 70-2699 FR/TOP	GCI1352/75FB	CUC 2059 F	29798 001 2000			x ¹⁾			
MW 70-2699 FR/TOP	GCI1353/78FB	CUC 2059 F	29798 001 2000			x			
MW 70-2699 NIC/FT	GCK2475GB	CUC 2059 N	29798 001 2000			x			
MW 70-2699 NIC/TOP	GCI1175	CUC 2059 N	29798 001 2000			x ¹⁾			
MW 70-2699 NIC/TOP	GCI1178	CUC 2059 N	29798 001 2000			x			
MW 70-2699 TOP	GCI4875	CUC 2059	29798 001 2000			x			
MW 70-2700 DPL/FT	GCI20...GB	CUC 2059 N	29798 001 2000			x ¹⁾			
MW 70-510/8 DPL	GCH5975	CUC 1930 (Basic 3)					x		
MW 82-100/9	GCF43...	CUC 1984 (Digi 6)	19798 311 4700		x				
MW 82-100/9 PAL PLUS	GCF42...	CUC 1983 (Digi 6)	19798 311 4700		x				
MW 82-150/8 DOLBY	GCI92...	CUC 1935			x				
MW 82-2690 NIC/TOP	GCF9775	CUC 2058 N	29798 001 2000			x ¹⁾			
MW 82-2699 FR/TOP	GCI14...FB	CUC 2058 F	29798 001 2000			x			

¹⁾ Ab Chassis-Index 29304-764.22 2L (12) ist der Nachrüstsatz SER250 mit dem gelisteten EPROM verwendbar. Dieses TV-Gerät ist auch mit SNR105 nachrüstbar.
From chassis index 29304-764.22 2L (12) the SER250 Retrofit Kit with the specified EPROM is to be used. This TV set can also be retrofitted with SNR 105.

²⁾ Geräte mit Software 19798-515.XX können nicht nachgerüstet werden. TV sets with software 19798-515.XX are not retrofittable.

SAT Retrofitting Options

TV-Modell / TV model	Bestellnummer / Order number	Chassis	Nachrüstung Retrofit EPROM	SNR 105	SER 150 ET	SER 250	SER 300	SER 520	SER 2000
MW 82-2699 NIC/FT	GCK2575GB	CUC 2058 N	29798 001 2000			x			
MW 82-2699 NIC/TOP	GCI1075	CUC 2058 N	29798 001 2000			x ¹⁾			
MW 82-2699 NIC/TOP	GCI1078	CUC 2058 N	29798 001 2000			x			
MW 82-2699 TOP	GCI4775	CUC 2058	29798 001 2000			x			
MW 82-2700 DPL/FT	GCI1975GB	CUC 2058 N	29798 001 2000			x ¹⁾			
MW 82-40/8	GCK2075	CUC 1929 (Basic ++)			x				
MW 82-50/8	GCH04...	CUC 1929 (Basic ++)			x				
MW 82-510/8 DPL	GCH5875	CUC 1931 (Basic 3)					x		
MW 82-520/9 PAL PLUS	GCH4875	CUC 1983 (Digi 6)	19798 311 4700		x				
P 37-840 FR	GCG9802FB	CUC 2003 F	29798 001 0300						x
P 37-840/12 TOP/SAT	GCH7682	CUC 2005	29798 001 1000						x
Planatron PW 110-520/9 PAL PLUS	GCG7052	FLAT1						x	
ST 55-710 NIC/TOP	GCH0275	CUC 2020 N		x					
ST 55-715 NIC/TOP	GCK1175	CUC 2021N	29798 001 1000						x
ST 55-725 a FT/GB	GCG5075GB	CUC 2020 N		x					
ST 55-725 b FT/GB	GCK1475GB	CUC 2021N	29798 001 1000						x
ST 55-750 FR/TOP	GCH7575FB	CUC 2020 F		x					
ST 55-800 a TOP	GCG2775	CUC 2020		x					
ST 55-800 NIC/TOP	GCG2875	CUC 2020 N		x					
ST 55-805 NIC/TOP	GCK0975	CUC 2021N	29798 001 1000						x
ST 55-805 TOP	GCH8275	CUC 2021	29798 001 1000						x
ST 55-805 TOP/TR	GCI6475	CUC 2021	29798 001 1000						x
ST 55-850 FR/TOP	GCH0972FB	CUC 2020 F		x					
ST 55-850 NIC/TOP	GCG88...	CUC 2020 N		x					
ST 55-850 TOP	GCG87...	CUC 2020		x					
ST 55-855 TOP	GCH63...	CUC 2021	29798 001 1000						x
ST 55-898 TOP	GCI7272	CUC 2021	29798 001 1000						x
ST 55-900 FR/TOP	GCG3275FB	CUC 2020 F		x					
ST 55-905 FR/TOP	GCK1075FB	CUC 2021 F	29798 001 1000						x
ST 63-270/8 IDTV	GCG1681	CUC 1825 (Basic)	19798 300 2400		x				
ST 63-270/8 IDTV	GCG1685	CUC 1836 (Basic++)			x				
ST 63-700 a NIC/FT	GCH9375GB	CUC 2030 N		x					
ST 63-700 DPL/NIC/TOP	GCF7081	CUC 2040 N		x					

¹⁾ Ab Chassis-Index 29304-764.22 2L (12) ist der Nachrüstsatz SER250 mit dem gelisteten EPROM verwendbar. Dieses TV-Gerät ist auch mit SNR105 nachrüstbar.
From chassis index 29304-764.22 2L (12) the SER250 Retrofit Kit with the specified EPROM is to be used. This TV set can also be retrofitted with SNR 105.

²⁾ Geräte mit Software 19798-515.XX können nicht nachgerüstet werden. TV sets with software 19798-515.XX are not retrofittable.

TV-Modell / TV model	Bestellnummer / Order number	Chassis	Nachrüstung Retrofit EPROM	SNR 105	SER 150 ET	SER 250	SER 300	SER 520	SER 2000
ST 63-700 FR/TOP	GCF3581FB	CUC 2030 F		x ²⁾					
ST 63-700 NIC/FT	GCG3581GB	CUC 2030 N	from serial no. 000903	x					
ST 63-700 NIC/text	GCG2581	CUC 2030 N	from serial no. 004433	x					
ST 63-700 NIC/TOP	GCF4881	CUC 2030 N	from serial no. 008484	x					
ST 63-700 text	GCF2581	CUC 2030	from serial no. 014915	x					
ST 63-701 NIC/TOP	GCH9075	CUC 2030 N		x					
ST 63-702 NIC/TOP	GCH9275	CUC 2030 N		x					
ST 63-702 TOP	GCH8675	CUC 2032	29798 001 1000			x			
ST 63-705 FR/TOP	GCI1675FB	CUC 2035 F		x					
ST 63-705 NIC/text	GCH4175	CUC 2030 N	from serial no. 501001	x					
ST 63-706 NIC/TOP	GCH9975	CUC 2030 N		x					
ST 63-710 NIC/text	GCG4975	CUC 2030 N	from serial no. 002008	x					
ST 63-712 NIC/TOP	GCH9175	CUC 2030 N		x					
ST 63-775 DPL	GCG3681GB	CUC 2040 N		x ²⁾					
ST 63-780 FR/TOP	GCF6575FB	CUC 2030 F		x ²⁾					
ST 63-780 NIC/TOP	GCF6475	CUC 2030 N	from serial no. 513000	x					
ST 63-780 text	GCF6375	CUC 2030	from serial no. 519751	x					
ST 63-782 NIC/TOP	GCI0175	CUC 2030 N		x					
ST 63-782 TOP	GCH8775	CUC 2032	29798 001 1000			x			
ST 63-875 DPL/FT	GCF7375GB	CUC 2050 N	29798 001 2000			x ¹⁾			
ST 70-200 IDTV	GCH7075	CUC 1836 (Basic++)			x				
ST 70-209	GCI6675	CUC 1836 (Basic++)			x				
ST 70-250 IDTV	GCK0375	CUC 1836 (Basic++)			x				
ST 70-260/8 IDTV	GCK1875	CUC 1836 (Basic++)			x				
ST 70-270 IDTV	GCG1381	CUC 1825 (Basic)	19798 300 2400		x				
ST 70-270 IDTV	GCG1385	CUC 1836 (Basic++)			x				
ST 70-270/8 IDTV	GCG1481	CUC 1825 (Basic)	19798 300 2400		x				
ST 70-270/8 IDTV	GCG1485	CUC 1836 (Basic++)			x				
ST 70-272 DOLBY	GCI8775	CUC 1836 (Basic++)			x				
ST 70-278 IDTV	GCH0675	CUC 1825 (Basic)	19798 300 2400		x				
ST 70-278 IDTV	GCH0685	CUC 1836 (Basic++)			x				
ST 70-280 IDTV	GCI0368	CUC 1836 (Basic++)			x				
ST 70-280 IDTV	GCI0375	CUC 1836 (Basic++)			x				

¹⁾ Ab Chassis-Index 29304-764.22 2L (12) ist der Nachrüstsatz SER250 mit dem gelisteten EPROM verwendbar. Dieses TV-Gerät ist auch mit SNR105 nachrüstbar.
From chassis index 29304-764.22 2L (12) the SER250 Retrofit Kit with the specified EPROM is to be used. This TV set can also be retrofitted with SNR 105.

²⁾ Geräte mit Software 19798-515.XX können nicht nachgerüstet werden. TV sets with software 19798-515.XX are not retrofittable.

TV-Modell / TV model	Bestellnummer / Order number	Chassis	Nachrüstung Retrofit EPROM	SNR 105	SER 150 ET	SER 250	SER 300	SER 520	SER 2000
ST 70-282/8 DOLBY	GCI8675	CUC 1837			x				
ST 70-600 text	GCH1869	CUC 2030	from serial no. 510501	x					
ST 70-602 NIC/TOP	GCK1975	CUC 2030 N		x					
ST 70-700 FR/TOP	GCF2281FB	CUC 2030 F		x ²⁾					
ST 70-700 NIC/FT	GCG3481GB	CUC 2030 N	from serial no. 511000	x					
ST 70-700 NIC/text	GCG2481	CUC 2030 N	from serial no. 510301	x					
ST 70-700 NIC/TOP	GCF2381	CUC 2030 N	from serial no. 530000	x					
ST 70-700 text	GCF1352	CUC 2030	from serial no. 546201	x					
ST 70-700 text	GCF1381	CUC 2030	from serial no. 546201	x					
ST 70-701 NIC/TOP	GCH9575	CUC 2030 N		x					
ST 70-702 NIC/FT	GCH9875GB	CUC 2030 N		x					
ST 70-702 NIC/TOP	GCI02...	CUC 2030 N		x					
ST 70-702 TOP	GCH8575	CUC 2032	29798 001 1000			x			
ST 70-702 TOP/TR	GCI6575	CUC 2032	29798 001 1000			x			
ST 70-703 NIC/TOP	GCI0175	CUC 2030 N		x					
ST 70-705 FR TITANE	GCI9392FB	CUC 2035 F		x					
ST 70-705 FR/TOP	GCI1575FB	CUC 2035 F		x					
ST 70-705 NIC/text	GCH4075	CUC 2030 N	from serial no. 501001	x					
ST 70-706 NIC/TOP	GCH9675	CUC 2030 N		x					
ST 70-710 NIC/text	GCG2675	CUC 2030 N	from serial no. 504901	x					
ST 70-712 NIC/TOP	GCH9775	CUC 2030 N		x					
ST 70-712/5 NIC/TOP	GCI5275	CUC 2030 N		x					
ST 70-715 NIC/TOP	GCG8675	CUC 2030 N	from serial no. 515401	x					
ST 70-730 NIC/TOP	GCH9475	CUC 2030 N		x					
ST 70-775 DPL	GCF6981GB	CUC 2040 N		x ²⁾					
ST 70-780 FR/TOP	GCF5975FB	CUC 2030 F		x ²⁾					
ST 70-780 NIC/TOP	GCF5875	CUC 2030 N	from serial no. 009111	x					
ST 70-780 text	GCF5775	CUC 2030	from serial no. 025822	x					
ST 70-782 NIC/TOP	GCH8975	CUC 2030 N		x					
ST 70-782 TOP	GCH8375	CUC 2032	29798 001 1000			x			
ST 70-788	GCH0575	CUC 2030	from serial no. 008013	x					
ST 70-788 a	GCI6775	CUC 2032	29798 001 1000			x			
ST 70-798 a text	GCI6875	CUC 2032	29798 001 1000			x			

¹⁾ Ab Chassis-Index 29304-764.22 2L (12) ist der Nachrüstsatz SER250 mit dem gelisteten EPROM verwendbar. Dieses TV-Gerät ist auch mit SNR105 nachrüstbar.
From chassis index 29304-764.22 2L (12) the SER250 Retrofit Kit with the specified EPROM is to be used. This TV set can also be retrofitted with SNR 105.

²⁾ Geräte mit Software 19798-515.XX können nicht nachgerüstet werden. TV sets with software 19798-515.XX are not retrofittable.

TV-Modell / TV model	Bestellnummer / Order number	Chassis	Nachrüstung Retrofit EPROM	SNR 105	SER 150 ET	SER 250	SER 300	SER 520	SER 2000
ST 70-798 text	GCH2975	CUC 2030	from serial no. 507101	x					
ST 70-810 DPL	GCH0775	CUC 2050 N	29798 001 2000			x ¹⁾			
ST 70-819 NIC/TOP	GCH4675	CUC 2050 N	29798 001 2000			x ¹⁾			
ST 70-820 TOP	GCI2275	CUC 2032	29798 001 1000			x			
ST 70-869 a IDTV	GCK2686	CUC 1836 (Basic++)			x				
ST 70-869 IDTV	GCF0181	CUC 1826 (Basic+)	19798 300 2400		x				
ST 70-869 IDTV	GCF0185	CUC 1836 (Basic++)			x				
ST 70-870 FR/DPL	GCH0872FB	CUC 2050 F	29798 001 2000			x			
ST 70-875 DPL/FT	GCG6775GB	CUC 2050 N	29798 001 2000			x ¹⁾			
ST 70-97 IDTV	GCG0469	CUC 1825 (Basic)	19798 300 2400		x				
ST 72-01 IDTV	GCG2069	CUC 1826 (Basic+)	19798 300 2400		x				
ST 72-600 TOP	GCI5075	CUC 2033	29798 001 1000			x			
ST 72-700 TOP	GCH6575	CUC 2051 N	29798 001 2000			x ¹⁾			
ST 72-860 a NIC/TOP	GCG0675	CUC 2051 N	29798 001 2000			x			
ST 72-860 FR/TOP	GCG0881FB	CUC 2031 F		x ²⁾					
ST 72-860 NIC/TOP	GCF8681	CUC 2031 N		x ²⁾					
ST 72-860 TOP	GCF8781	CUC 2031		x ²⁾					
ST 72-862 TOP	GCH8875	CUC 2033	29798 001 1000			x			
ST 72-865 NIC/TOP	GCG2975	CUC 2031 N		x ²⁾					
ST 72-870 FR/TOP	GCI1775FB	CUC 2031 F		x					
ST 84-896 FR/TOP	GCH0190FB	CUC 2080 F	29798 001 2000			x ¹⁾			
ST 84-896 FR/TOP	GCH0191FB	CUC 2080 F	29798 001 2000			x			
ST 84-896 NIC/TOP	GCF8490	CUC 2080 N	29798 001 2000			x ¹⁾			
ST 84-896 NIC/TOP	GCF8491	CUC 2080 N	29798 001 2000			x			
ST 84-896 TOP	GCI4690	CUC 2080	29798 001 2000			x			
Sydney 100 SE 7020 IDTV/LOG	GCF0324	CUC 1826 (Basic+)	19798 300 2400		x				
Sydney 100 SE 7020 IDTV/LOG	GCF0381	CUC 1826 (Basic+)	19798 300 2400		x				
Sydney 100 SE 7020 IDTV/LOG	GCF0323	CUC 1836 (Basic++)			x				
Sydney 100 SE 7020 IDTV/LOG	GCF0385	CUC 1836 (Basic++)			x				
Sydney 100 SE 7021 IDTV/PIP	GCH6624	CUC 1836 (Basic++)			x				
Sydney 100 SE 7021 IDTV/PIP	GCH6675	CUC 1836 (Basic++)			x				
Sydney 100/8 SE 7020/8 IDTV/LOG	GCF8241	CUC 1826 (Basic+)	19798 300 2400		x				
Sydney 100/8 SE 7020/8 IDTV/LOG	GCF8285	CUC 1836 (Basic++)			x				

¹⁾ Ab Chassis-Index 29304-764.22 2L (12) ist der Nachrüstsatz SER250 mit dem gelisteten EPROM verwendbar. Dieses TV-Gerät ist auch mit SNR105 nachrüstbar.
From chassis index 29304-764.22 2L (12) the SER250 Retrofit Kit with the specified EPROM is to be used. This TV set can also be retrofitted with SNR 105.

²⁾ Geräte mit Software 19798-515.XX können nicht nachgerüstet werden. TV sets with software 19798-515.XX are not retrofittable.

TV-Modell / TV model	Bestellnummer / Order number	Chassis	Nachrüstung Retrofit EPROM	SNR 105	SER 150 ET	SER 250	SER 300	SER 520	SER 2000
Sydney SE 7230 DOLBY	GCI2475	CUC 1832 (Basic 3)					x		
T 55-840 TOP/SAT	GCH4272	CUC 2003	29798 001 0300						x
Trento SE 7016/9 Ref/PIP	GCF0975	CUC 1952 (Digi 6)	19798 311 4700		x				
Trento SE 7026 PAL PLUS	GCF7275	CUC 1952 (Digi 6)	19798 311 4700		x				
Wien 100 SE 6320 IDTV/LOG	GCF0423	CUC 1836 (Basic++)			x				
Wien 100 SE 6320 IDTV/LOG	GCF0424	CUC 1826 (Basic+)	19798 300 2400		x				
Wien 100 SE 6320 IDTV/LOG	GCF0481	CUC 1826 (Basic+)	19798 300 2400		x				
Wien 100 SE 6320 IDTV/LOG	GCF0485	CUC 1836 (Basic++)			x				
Wien 100 SE 6322 DOLBY	GCK15...	CUC 1837			x				
XENTIA 55 ST 55-400 DOLBY	GCI8177	CUC 2021 N	29798 001 1000						x
XENTIA 55 ST 55-400 FR/DOLBY	GCK2177FB	CUC 2021 F	29798 001 1000						x
XENTIA 55 ST 55-400 NIC/DOLBY	GCI8077	CUC 2021	29798 001 1000						x
XENTIA 63 M 63-400/8	GCI09...	CUC 1836 (Basic++)			x				
XENTIA 63 M 63-400/8 DOLBY	GCI8377	CUC 1837			x				
XENTIA 72 Flat MF 72-490 DOLBY	GCI7577	CUC 1832 (Basic 3)					x		
XENTIA 72 Flat MF 72-490/8 DOLBY	GCI7477	CUC 1832 (Basic 3)					x		
XENTIA 72 M 72-400 DOLBY	GCH7977	CUC 1832 (Basic 3)					x		
XENTIA 72 M 72-400/8	GCH8072	CUC 1832 (Basic 3)					x		
XENTIA 82 Flat MF 82-490/9 DOLBY	GCI9977	CUC 1931 (Basic 3)					x		

¹⁾ Ab Chassis-Index 29304-764.22 2L (12) ist der Nachrüstsatz SER250 mit dem gelisteten EPROM verwendbar. Dieses TV-Gerät ist auch mit SNR105 nachrüstbar.
From chassis index 29304-764.22 2L (12) the SER250 Retrofit Kit with the specified EPROM is to be used. This TV set can also be retrofitted with SNR 105.

²⁾ Geräte mit Software 19798-515.XX können nicht nachgerüstet werden. TV sets with software 19798-515.XX are not retrofittable.

VGA Retrofitting Options

TV-Modell TV model	Bestellnummer Order number	Chassis	VGA1	VGA2	VGA3
Atlanta SE 7220 IDTV/PIP	GCG5224	CUC 1830		x	
Atlanta SE 7220 IDTV/PIP	GCG5252	CUC 1830		x	
Atlanta SE 7220 IDTV/PIP	GCG5275	CUC 1830		x	
Atlanta SE 7250 PIP/DOLBY	GCI2575	CUC 1832			x
Atlanta SE 7250/8 DOLBY	GCI7375	CUC 1832			x
Berlin SE 70-100/8	GCF6875	CUC 1828		x	
Berlin SE 7027/8 PIP	GCH5175	CUC 1828		x	
Boston SE 7010 IDTV	GCI0475	CUC 1836		x	
Boston SE 7012 DOLBY	GCI23...	CUC 1837		x	
DAVIO 70 M 70-290 IDTV	GCH3072	CUC 1836		x	
DAVIO 70 M 70-290/8 IDTV	GCH3772	CUC 1836		x	
DAVIO 70 M 70-292 DOLBY	GCI8572	CUC 1837		x	
DAVIO 70 M 70-292/8 DOLBY	GCI84...	CUC 1837		x	
Denver SE 8227/8 PIP	GCH7875	CUC 1929		x	
Greenville 100 SE 7030	GCI5182	CUC 1836		x	
M 63-281 IDTV/LOG	GCE5485	CUC 1836		x	
M 63-281/8 IDTV/LOG	GCE6085	CUC 1836		x	
M 70 -282 DOLBY	GCI8975	CUC 1837		x	
M 70 -282/8 DOLBY	GCI8875	CUC 1837		x	
M 70-269/9 Reference	GCF3875	CUC 1952	x		
M 70-281 IDTV/LOG	GCF2885	CUC 1836		x	
M 70-281/8 IDTV/LOG	GCF2985	CUC 1836		x	
M 72-100 a	GCG5475	CUC 1830		x	
M 72-100/8 a	GCG5375	CUC 1830		x	
M 72-410 Reference	GCE6175	CUC 1842	x		
M 72-798 IDTV	GCI7172	CUC 1830		x	
M 84-210/8 a IDTV/LOG	GCG5590	CUC 1829		x	
M 84-211/8 IDTV	GCI1290	CUC 1829		x	
M 84-212/8 DOLBY	GCI9090	CUC 1839		x	
MW 70-100/8	GCF2681	CUC 1828		x	
MW 70-150/8 DOLBY	GCI9175	CUC 1934		x	
MW 70-269 PAL PLUS	GCF6782	CUC 1952	x		
MW 70-269 PAL PLUS	GCF6785	CUC 1952	x		
MW 82-150/8 DOLBY	GCI92...	CUC 1935		x	
MW 82-40/8	GCK2075	CUC 1929		x	
MW 82-50/8	GCH04...	CUC 1929		x	
MW 82-50/8	GCH0475	CUC 1929		x	
ST 63-270/8 IDTV	GCG1685	CUC 1836		x	
ST 70-200 IDTV	GCH7075	CUC 1836		x	
ST 70-209	GCI6675	CUC 1836		x	
ST 70-250 IDTV	GCK0375	CUC 1836		x	
ST 70-270 IDTV	GCG1385	CUC 1836		x	
ST 70-270/8 IDTV	GCG1485	CUC 1836		x	
ST 70-272 DOLBY	GCI8775	CUC 1837		x	

VGA Retrofitting Options

TV-Modell TV model	Bestellnummer Order number	Chassis	VGA1	VGA2	VGA3
ST 70-278 IDTV	GCH0685	CUC 1836		x	
ST 70-280 IDTV	GCI0368	CUC 1836		x	
ST 70-280 IDTV	GCI0375	CUC 1836		x	
ST 70-282/8 DOLBY	GCI8675	CUC 1837		x	
ST 70-869 a IDTV	GCK2686	CUC 1836		x	
ST 70-869 IDTV	GCF0185	CUC 1836		x	
Sydney 100 SE 7020 IDTV/LOG	GCF0323	CUC 1836		x	
Sydney 100 SE 7020 IDTV/LOG	GCF0385	CUC 1836		x	
Sydney 100 SE 7021 IDTV/PIP	GCH6624	CUC 1836		x	
Sydney 100 SE 7021 IDTV/PIP	GCH6675	CUC 1836		x	
Sydney 100/8 SE 7020/8 IDTV/LOG	GCF8285	CUC 1836		x	
Sydney SE 7230 DOLBY	GCI2475	CUC 1832			x
Trento SE 7016/9 Ref/PIP	GCF0975	CUC 1952	x		
Trento SE 7026 PAL PLUS	GCF7275	CUC 1952	x		
Wien 100 SE 6320 IDTV/LOG	GCF0423	CUC 1836		x	
Wien 100 SE 6320 IDTV/LOG	GCF0485	CUC 1836		x	
Wien 100 SE 6322 DOLBY	GCK15...	CUC 1837		x	
XENTIA 63 M 63-400/8	GCI0977	CUC 1836		x	
XENTIA 63 M 63-402/8 DOLBY	GCI8377	CUC 1837		x	
XENTIA 72 M 72-400 DOLBY	GCH7977	CUC 1832			x
XENTIA 72 M 72-400/8 DOLBY	GCH8077	CUC 1832			x

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PIP Retrofitting Options

TV-Modell / TV model	Bestellnummer Order number	Chassis	PIP 1	PIP 2	PIP 3	PIP 4	PIP 5	PIP 6
ARGANTO 70 MW 70-510/8 DPL	GCH5975	CUC 1930					x	x
ARGANTO 82 MW 82-510/8 DPL	GCH58...	CUC 1931					x	x
Atlanta SE 7250/8 DOLBY	GCI7375	CUC 1832					x	x
Berlin SE 70-100/8	GCF6875	CUC 1828			x			
Boston SE 7010 IDTV	GCI0475	CUC 1836			x			
Boston SE 7012 DOLBY	GCI23...	CUC 1837			x			
DAVIO 55 M 55-290/8 IDTV	GCH47...	CUC 1806			x			
DAVIO 55 M 55-292/8 DOLBY	GCI8252	CUC 1807			x			
DAVIO 70 M 70-290 IDTV	GCH3072	CUC 1836			x			
DAVIO 70 M 70-290/8 IDTV	GCH37...	CUC 1836			x			
DAVIO 70 M 70-292 DOLBY	GCI8572	CUC 1837			x			
DAVIO 70 M 70-292/8 DOLBY	GCI84...	CUC 1837			x			
Denver SE 82-100 PAL PLUS	GCG30...	CUC 1984	x	x				
Denver SE 8216/9 PAL PLUS	GCF1590	CUC 1984	x	x				
Greenville 7004 NIC/TOP	GCH5075	CUC 2050N				x		
M 55-280/8 a IDTV/LOG	GCG5175	CUC 1806			x			
M 63-281 IDTV/LOG	GCE5485	CUC 1836			x			
M 63-281/8 IDTV/LOG	GCE6085	CUC 1836			x			
M 70-281 IDTV/LOG	GCF2885	CUC 1836			x			
M 70-281/8 IDTV/LOG	GCF2985	CUC 1836			x			
M 70-282 DOLBY	GCI8975	CUC 1837			x			
M 70-282/8 DOLBY	GCI8875	CUC 1837			x			
M 72-100 a	GCG5475	CUC 1830			x			
M 72-100/8 a	GCG5375	CUC 1830			x			
M 72-410 Reference	GCE6175	CUC 1842	x	x				
M 72-410/9 Reference	GCE6275	CUC 1842	x	x				
M 72-798 IDTV	GCI7172	CUC 1830			x			
M 82-269 PAL PLUS/LOG	GCC7290	CUC 1983	x	x				
M 82-269/9 Reference	GCF4090	CUC 1984	x	x				
M 84-210/8 a IDTV/LOG	GCG5590	CUC 1829			x			
M 84-211/8 IDTV	GCI1290	CUC 1829			x			
M 84-212/8 DOLBY	GCI9090	CUC 1839			x			
Melbourne SE 7210 a NIC/TOP	GCG05...	CUC 2051N				x		
MW 70-100/8	GCF2681	CUC 1828			x			
MW 70-150/8 DOLBY	GCI9175	CUC 1934			x			
MW 70-269 PAL PLUS	GCF6782	CUC 1952	x	x				
MW 70-269 PAL PLUS	GCF6785	CUC 1952	x	x				
MW 70-2690 FR/TOP	GCH1275FB	CUC 2059F				x		
MW 70-2690 NIC/TOP	GCF9875	CUC 2059N				x		
MW 70-2699 FR/TOP	GCI13...FB	CUC 2059 F				x		
MW 70-2699 NIC/FT	GCK2475GB	CUC 2059N				x		
MW 70-2699 NIC/TOP	GCI11...	CUC 2059N				x		
MW 70-2699 TOP	GCI4875	CUC 2059				x		
MW 70-2700 DPL/FT	GCI20...GB	CUC 2059N				x		

PIP Retrofitting Options

TV-Modell / TV model	Bestellnummer Order number	Chassis	PIP 1	PIP 2	PIP 3	PIP 4	PIP 5	PIP 6
MW 82-100/9	GCF43...	CUC 1984	x	x				
MW 82-150/8 DOLBY	GCI92...	CUC 1935			x			
MW 82-2690 NIC/TOP	GCF9775	CUC 2058N				x		
MW 82-2699 FR/TOP	GCI14...FB	CUC 2058F				x		
MW 82-2699 NIC/FT	GCK2575GB	CUC 2058N				x		
MW 82-2699 NIC/TOP	GCI10...	CUC 2058N				x		
MW 82-2699 TOP	GCI4775	CUC 2058				x		
MW 82-2700 DPL/FT	GCI19...GB	CUC 2058 N				x		
MW 82-40/8	GCK2075	CUC 1929			x			
MW 82-50/8	GCH04...	CUC 1929			x			
ST 63-270/8 IDTV	GCG1685	CUC 1836			x			
ST 70-200 IDTV	GCH7075	CUC 1836			x			
ST 70-209	GCI6675	CUC 1836			x			
ST 70-250 IDTV	GCK0375	CUC 1836			x			
ST 70-260/8 IDTV	GCK1875	CUC 1836			x			
ST 70-270 IDTV	GCG1385	CUC 1836			x			
ST 70-270/8 IDTV	GCG1485	CUC 1836			x			
ST 70-272 DOLBY	GCI8775	CUC 1837			x			
ST 70-278 IDTV	GCH0685	CUC 1836			x			
ST 70-280 IDTV	GCI03...	CUC 1836			x			
ST 70-282/8 DOLBY	GCI8675	CUC 1837			x			
ST 70-810 DPL	GCH0775	CUC 2050N				x		
ST 70-819 NIC/TOP	GCH4675	CUC 2050N				x		
ST 70-869 a IDTV	GCK2686	CUC 1836			x			
ST 70-869 IDTV	GCF01...	CUC 1836			x			
ST 70-870 FR/DPL	GCH0872FB	CUC 2050F				x		
ST 72-860 a NIC/TOP	GCG0675	CUC 2051N				x		
ST 84-896 FR/TOP	GCH01...FB	CUC 2080F				x		
ST 84-896 NIC/TOP	GCF84...	CUC 2080N				x		
ST 84-896 TOP	GCI4690	CUC 2080				x		
Sydney 100 SE 7020 IDTV/LOG	GCF03...	CUC 1836			x			
Sydney 100/8 SE 7020/8 IDTV/LOG	GCF8285	CUC 1836			x			
Sydney SE 7230 DOLBY	GCI2475	CUC 1832					x	x
Wien 100 SE 6320 IDTV/LOG	GCF04...	CUC 1836			x			
Wien 100 SE 6322 DOLBY	GCK15...	CUC 1837			x			
XENTIA 63 M 63-400/8	GCI0977	CUC 1836			x			
XENTIA 63 M 63-402/8 DOLBY	GCI8377	CUC 1837			x			
XENTIA 72 Flat MF 72-490 DOLBY	GCI7577	CUC 1832					x	x
XENTIA 72 Flat MF 72-490/8 DOLBY	GCI7477	CUC 1832					x	x
XENTIA 72 M 72-400 DOLBY	GCH7977	CUC 1832					x	x
XENTIA 72 M 72-400/8 DOLBY	GCH8077	CUC 1832					x	x
XENTIA 82 Flat MF 82-490/9 DOLBY	GCI9977	CUC 1931					x	x

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DPL Retrofitting Options

TV-Modell / TV model	Bestellnummer Order number	Chassis	DPL 1	DPL 2
DAVIO 70 ST 70-850 NIC/PIP	GCH1072	CUC 2050 N		x
DAVIO 70 ST 70-853 NIC/PIP	GCK 0272	CUC 2050 N		x
Denver SE 82-100 PAL PLUS	GCG30...	CUC 1984	x	
Denver SE 8216/9 PAL PLUS	GCF1590	CUC 1984	x	
Denver SE 8216/9 Ref./PIP	GCF0890	CUC 1984	x	
Greenville 7004 NIC/TOP	GCH5075	CUC 2050 N		x
M 70-269/9 Reference	GCF3875	CUC 1952	x	
M 72-410 Reference	GCE6175	CUC 1842	x	
M 72-410 Reference/PIP	GCF6050	CUC 1842	x	
M 72-410 Reference/PIP	GCF6075	CUC 1842	x	
M 72-410/9 Reference	GCE6275	CUC 1842	x	
M 82-269/9 Reference	GCF4090	CUC 1984	x	
M 95-410/9 Reference/PIP	GCE6390	CUC 1894	x	
M 95-411/9 Reference/PIP	GCG4890	CUC 1894	x	
Melbourne SE 7210 a NIC/TOP	GCG0524	CUC 2051 N		x
Melbourne SE 7210 a NIC/TOP	GCG0575	CUC 2051 N		x
MW 70-269 PAL PLUS	GCF6782	CUC 1952	x	
MW 70-269 PAL PLUS	GCF6785	CUC 1952	x	
MW 70-2690 FR/TOP	GCH1275FB	CUC 2059 F		x
MW 70-2690 NIC/TOP	GCF9875	CUC 2059 N		x
MW 70-2699 FR/TOP	GCI13...FB	CUC 2059 F		x
MW 70-2699 NIC/FT	GCK 2475GB	CUC 2059 N		x
MW 70-2699 NIC/TOP	GCI11...	CUC 2059 N		x
MW 70-2699 TOP	GCI4875	CUC 2059		x
MW 82-100/9	GCF4352	CUC 1984	x	
MW 82-100/9	GCF4377	CUC 1984	x	
MW 82-100/9	GCF4381	CUC 1984	x	
MW 82-2690 NIC/TOP	GCF9775	CUC 2058 N		x
MW 82-2699 FR/TOP	GCI14...FB	CUC 2058 F		x
MW 82-2699 NIC/FT	GCK 2527GB	CUC 2058 N		x
MW 82-2699 NIC/TOP	GCI10...	CUC 2058 N		x
MW 82-2699 TOP	GCI4775	CUC 2058		x
ST 70-819 NIC/TOP	GCH4675	CUC 2050 N		x
ST 72-700 TOP	GCH6575	CUC 2051 N		x
ST 72-860 a NIC/TOP	GCG0675	CUC 2051 N		x
ST 84-896 FR/TOP	GCH01...FB	CUC 2080 F		x
ST 84-896 NIC/TOP	GCF84...	CUC 2080 N		x
ST 84-896 TOP	GCI4690	CUC 2080		x
Trento SE 7016/9 Ref/PIP	GCF0975	CUC 1952	x	
Trento SE 7026 PAL PLUS	GCF7275	CUC 1952	x	

TV

Special Functions of Colour Television Receivers (Options) - Table 1

Each of the functions below is listed with a number code which is used with the TV receiver model or type of chassis to establish the necessary sequence of operations from Table 2 on the following pages for activating or cancelling the respective function.

Special Function (option)	Code No.
Single-digit programme indication from 1-9 (no effect on AV positions). The short-time flashing of the programme indication after having changed the programme is omitted.	1
Station ident (abbreviated station name) display: off/ short-time on changing the programme/ continuous	2
Switching on with „AV“ („1 AV“).	3
French cable channel spacing. For operation of a TV, multi-norm or converted to norm L, in a French cable installation the receiver must be adjusted to the different French cable channel spacing.	4
French Band I channels with +6.5 MHz sound carrier. Reception of a French Band I channel (-6.5 MHz sound carrier) which is converted to a CCIR-Band I channel (+6.5 MHz sound carrier) with a TV set operated in a cable installation.	5
Default values (emergency data set). Loading of average values for brightness, volume, contrast, TINT, picture geometry etc. if the stored analogue values are lost.	6
Dealer Automatic Programming with IR-Data-Programmer IDP 2	7
Sleep function. Cancelling the Sleep function which is activated approx. 10 minutes after the end of the TV programme, the end of the tape or after any signal failure. This option cannot be stored but must be programmed whenever the TV set is switched on.	8
Limitation of the programme positions when stepping through with „P +“.	9
Hotel Mode for limiting the maximum possible volume level and for disabling the functions: channel mode (P/C), store (M), automatic station search (ATS) and the menu for setting the TV set.	10
Child lock (switch-on lock/programme lock/electronic combination lock)	11
No display of the bars when setting the volume, contrast and brightness („OSD OFF“).	12
Peaking Changing the picture sharpness.	13
Luminance delay correction (changing the Y-delay).	14
Software status (calling up the EPROM version number).	15
PIP settings.	16
Forced PAL/Secam/NTSC at 50 or 60 Hz.	17
OSD position (horizontal shifting of the display on the screen).	18
ATS / Auto Tuning System (starting the automatic station search).	19
Switching the HIFI-MODE to linear/ controlled	20
Changing the menu language	21
Setting the AV time constant in Peri mode (e.g. Peri decimal point is set)	22

Special Function (option)	Code No.
Setting the Peri Bit (decimal point). Example: „P. 1“. Important for Premiere-Decoder for example.	23
Forced mono storable on a per-programme basis.	24
White level correction.	25
Entering default values. This option is particularly important on replacement of the memory-IC.	26
ATS Reset This option starts the automatic station search the next time the TV set is switched on via the menu Language -> Country -> Cable/Aerial or Satellite (only with SAT module) and „OK“.	27
Switching off the blue screen background	28
Deactivating the economy mains switch	29
Activating/deactivating Demo Mode	30
Changing the colour of the menu background (white/light-blue)	31
Cancelling the band limits With TV sets with VST tuning module, this option cancels any band limit values stored in the memory EEPROM. This function is to be carried out on every replacement of the memory to ensure that all channels within the complete frequency range are tuned in.	32

Table 2 for establishing the sequence of operations (activating/cancelling).

We distinguish between 12 groups of chassis which are designated letters **A** to **L**:

- A: Models with CUC 2003/2005
- B: Models with CUC 1800/1821/1822/1824/1851/1852/1881/1892 (Digi 4/5)
- C: Models with CUC 6300/6301/6310
- D: Models with CUC 6360/6365/6380/6450/6460/6469
- E: Models with CUC 7300/7302
- F: Models with CUC 6330/6331/7350
- G: Models with CUC 7301
- H: Models with CUC 1805/1825/1826/1827 (Digi Basic/Basic+)
- I: Models with CUC 1842/1894/1952/1962/1983/1984 (Digi 6) 1806/1828/1829/1830/1836/1929 (Digi Basic++)
- J: Models with CUC 7303/7305
- K: Models with CUC 2020/2021/2030/2031/2032/2033/2050/2051/2058/2059
- L: Models with CUC 1832/1930/1931

Code No.	Model Group	Sequence of Operations
1	B	See operating instructions. The user is guided by the menu.
	A/C to I/L	Enter channel "C00" on programme position "10".
	J/K	TV groups J and K with VST-tuning: Enter "00" under "Band selection" in the manual tuning menu. TV group K with PLL-tuning: Enter channel "C00" on programme position "10".

Code No.	Model Group	Sequence of Operations
2	C	Off via "OSD OFF" (menu guide), "permanent" with remote control button "i".
	B	Menu guide: "i", "Special functions", "Settings", "Station ident short - permanent* - off". * only models without separate display outside the screen
	H/I	Display of station ident On: press button "i", then do not operate any other button within a period of about 6s. Display Off: press button "i" once.
	A/K/L	Display of station ident On: press button "i", then do not operate any other button within a period of about 6s. Display Off: press button "i" and press it once again within a period of about 6s.
3	B	Menu guide: "i", "Special functions", "Service", "Switch on with...".
	D	Menu guide: "i", "Special functions", "Settings", "Switch on with...".
	A/H/I/K/L	Menu guide: "i", "Dialog Center", "Special functions", "TV on with...".
4	C	Menu guide: "Programmes" 4th position ("S").
	A/B/D/E/H/I/K/L	Under ATS menu option "Adjust country" select "F"/"France".
	F	Only multi-system TVs: Select "FR ON" in the ATS menu.
5	A to H	In "Norm 1" and Band I, the TV set - multi-system or converted to Norm L - switches to the -6.5 MHz sound carrier when entering a channel between 1 to 4. For a French channel converted to +6.5 MHz, the channel numbers C81 to C84 must be entered. In these channels, the sound carrier is not changed to -6.5 MHz. Use the finetuning function if necessary.
6	B	Loading the picture geometry default values: Menu guide: "i", "Special functions", "Service", code number 8500, "Geometry"...
7	B/I	Depress and hold the "P -" button while switching on with the mains switch. Hold the button until the indication appears.
	C/D/E	Sub-menu "SPECIAL FUNCTIONS", "PROGRAMMER HP", remote control button "OK".
	B	Sub-menu "Special functions" and "IR-Dataprogrammer".
	F	Press and hold the "i" button while switching on with the mains button. Select "Programmer HP" in the menu and confirm with "OK".
	A/H/I/K/L	Menu guide: "i", "Dialog Center", "Service" (only TVs without SAT Module). Model group K: only models with PLL tuning system!
8	A/B	Operate the TV set in Channel mode (display shows "C06" for example).

Code No.	Model Group	Sequence of Operations
9	A to F/H bis L	TV sets with PLL tuning system: Store channel "C00" in the programme position which shall no longer be selectable. TV sets with VST tuning system: band selectionl "----" or enter "00" in the programme position which shall no longer be selectable.
10	A/C/D/F/G/J/K	Depress and hold button "i" ("P/C" for model group D) while switching the TV set on with the mains switch. In menu line "HOTEL" select "ON" and leave the menu pressing button "i" (for model groups A/K: set menu option "END" to "with mem." and confirm with OK). Deactivating the Hotel Mode: Repeat the steps above but change "HOTEL" to "OFF".
	E	Depress and hold the "P/C" and switch on from Standby using the "P+" button on the TV set. Set the Hotel Mode to "OFF" with "OK".
11	C	Menu guide: "Timer and key symbol", "OK", with the buttons ▼, ▲ select the key symbol which will turn red, "OK", enter a 4-digit number, "OK", "TV". The child lock remains active even if it has been unlocked repeatedly (entering the code number). To cancel it: enter the code number via the menu (see above) or press the buttons ►, ◀, ▼, ▲, "OK" in this order.
	B/D	Menu guide: sub-menu "Timer-Security-System"; "OK", enter a 4-digit code number and the switch-off time. To cancel it: repeat the steps described under "A/C".
	A/H/I/K	Menu guide: "i", "Dialog Center", "Child lock", enter a 4-digit number. To cancel it: repeat the steps described under "A/C". Model group K and Digi Basic++: general reset with number "7038". Model group L: general reset with number "7038580"
12	C	Sub-menu "SPECIAL FUNCTIONS", "OSD ON OFF", "OK".
	B/D/E	Menu guide: "i", "Special functions", "Settings", "Picture/Sound options on/off".
	H/I/L	Menu guide: "i", "Dialog Center", "Special functions", "Picture/Sound options on/off" (group I/L: "visible/invisible").
13	B	Menu guide: "i", "Picture settings" or "Picture menu", "Peaking".
	H/I/L	"Eye" button (red text button), "Personal", "OK"
14	B	Menu guide: "i", "Special functions", "Service" or "Settings", "Luma delay".
	H/I/L	Menu guide: "i", "Dialog Center", "Service", "Colour match.."

Code No.	Model Group	Sequence of Operations
15	A/K/L	Buttons "i" -> "OK" and "AUX". Dependent on the component assembly, the type of mask computer or the EPROM version number is indicated.
	B/D/E/H/I	Buttons "i" -> "OK" and "AUX". The figure following the decimal point indicates the EPROM version.
16	B	Menu guide: "i", "Special functions", "Settings", "PIP frame" and "PIP brightness".
	I/K	PIP adjustment mode: depress and hold the "PIP" button while switching the TV set on with the mains switch. Change the PIP position using the buttons "L-", "L+", "P-", "P+" (Basic++ models: button "PIP" to change to left/right, "L-", "L+" for left/right fine adjustment. Store with "OK".
	L	PIP adjustment mode: depress and hold the "PIP" button while switching the TV set on with the mains switch. Position the PIP (top/bottom/left/right) with the "Format button". Fine adjustment of the PIP is possible with the buttons "L-", "L+", "P-", "P+". Store with "OK".
17	B	Menu guide: "i", "TV Station Table". Under "Channel ident" put a comma in the 4th place and enter the following letters and figures in the 5th and 6th place: PB for PAL, PH for PAL H, PN for PAL N, P4 for PAL 4.43 MHz, BW for Black/White, NM for NTSC M, PG for PAL G, PI for PAL I, PM for PAL M, SE for SECAM and N4 for NTSC 4.43MHz.
	D/H	Menu guide: "i", "TV Station Table". Under "Channel ident" put a comma in the 2nd place and enter the following letters and figures in the 3rd and 4th place: PA for PAL, SE for Secam, N3 for NTSC 3.58 MHz, N4 for NTSC 4.43 MHz. Forced settings for the AV programme positions must be entered in the "AV Settings" menu. In this menu, the "AUX" button activates the line for entering the desired data. (Model group H: "i", "Dialog Center", "TV-Programme-Chart", move the yellow bar to "AV" and activate with the "blue button").
	I	Menu guide: "i", "TV-Programme-Chart". Under "Station name" put a comma in the 4th/(2nd) place and enter the following letters and figures in the 5th/(3rd) and 6th/(4th) place: PB for PAL, NM for NTSC 3.58, SE for Secam, N4 for NTSC 4.43, PM for PAL M, PN for PAL N, P6 for PAL 60Hz (expressions in parentheses for models with Digi Basic++ chassis).
	A/K	Multi-system TV sets can be forced into a Standard on a per-programme basis via the Service menu, menu option "Color Px".
	L	Menu guide: "AUX", "green button". Under the menu option "Standard" it is possible to select the chroma standard.

Code No.	Model Group	Sequence of Operations
18	C/J	Depress and hold the remote control button "i" while switching on with the mains button. Set the OSD position in the menu and store with "OK".
	A/K	Depress and hold the remote control button "i" while switching on with the mains button. Set the OSD position in the menu. To store the position: In menu line "End" select "with mem." and confirm with OK.
19	B/D/E/F/G/J	Depress and hold the remote control button "P/C" for about 4 seconds.
	I	Menu guide: "i", "OK", menu option "Search for new TV programmes".
	A/K/L	Menu guide: "i", "OK", menu option "Automatic Tuning System"/"Automatic Programming".
20	B	Press the remote control button ∇ , "OK", "HIFI output variable - linear - off".
	L	Menu guide: "blue button", "OK", menu option "Audio output controllable/linear".
21	B/C	Menu guide (refer also to operating instructions)
	D/E/H/I	Calling up the ATS system -> Language can be selected
	A/K	Menu guide: "i", "OK" "Adjust language"
	L	Menu guide: "i", "OK", menu option "Change language".
22	B	Select the Station Table in the menu and enter the station name (6 places). For this, begin with the letters "AV" in the first two places (e.g. AV K36). Attention! The time constant changes only if AV is entered in the first two places. Additionally, the on screen display must not be switched off completely but must be set to short-time or permanent.
	D/E/H/I	Menu guide: "i", "TV Station Table". Under "Channel ident" put a comma in the 2nd (4th) place and enter the letters "AV" in the 3rd (5th) and 4th (6th) place. Expressions in parentheses apply to model group I.
	L	Menu guide: "i", "OK", "Programme Chart", blue button. Put a comma in the 4th place and enter the letters "AV" in the 5th and 6th place.

Code No.	Model Group	Sequence of Operations
23	C	Select the corresponding programme position. Menu guide: "i", "OK", "SPECIAL FUNCTIONS", "DESCRAMBLER", "ON". To cancel it: "i", "OK", "SPECIAL FUNCTIONS", "DESCRAMBLER", "OFF".
	B	Press the buttons "AUX" and "0" in the current programme position. By repeatedly pressing the button "0" the following descrambler operating modes can be selected: "Descrambler off", "Descrambler on Stereo", "Descrambler on Mono-L" and "Descrambler on Mono-R". The selected mode is stored automatically.
	D/E	Menu guide: "i", "OK", "Special functions", "AV Settings", "AV 1" and select "Decoder"..
	F	Button "P/C" -> "DEC". Set to "ON".
	H/I	Menu guide: "i", "Dialog Center", "TV-Programme-Chart", "AUX" button.
	J	In the Tune menu (called up with "i"+"OK") set "Dec" to "ON".
	A/K	Select the desired programme position. With "i", "OK", call up the "Special functions" menu. Set "Decoder" to "ON".
	L	Menu guide: "i", "OK", "Service", "Decoder". This option makes it possible to switch the decoder off/on for all programme positions.
24	B/I	Menu guide: "i", "TV Station Table". Put a comma in the forth (Digi Basic++: second) place of the station ident and enter the letters "MO" in the last two places.
	D/H	Menu guide: "i", "TV Station Table". Put a comma in the second place of the station ident and enter the letters "MO" in the last two places.
	K	Ear button (blue) -> "Sound Mono" and confirm with "OK".
	L	Menu guide: "i", "OK", "TV-Programme-Chart", blue button. Put a comma in the 4th place and enter the letters "MO" in the 5th and 6th place.
25	B	Menu guide: "i", "Special functions", "Service", code number "8500", "White balance" "OK". The components Green/Red and Blue/Red can be adjusted (the white area in the middle of the picture must not be coloured).
	D	Press and hold down the "P/C" remote control button and switch the TV set on with the mains button. Select "White balance" in the menu. The components Green/Red and Blue/Red can be adjusted.
	A/H/I/K/L	Menu guide: "i", "OK", "Service", "Service Code", enter "8500". Select "White adjustment". The components Green/Red and Blue/Red can be adjusted.

Code No.	Model Group	Sequence of Operations
26	C	Depress and hold down the remote control button while switching on with the mains button. Menu guide: "Horizontal Position", "OK", "OK". Press button "i" to leave the menu.
	D/H	Depress and hold down the remote control button "P-" while switching on with the mains button. (This is only possible once when replacing the NVM or μ P). To cancel the volume offset: Depress and hold down the remote control button "AUX" while switching on with the mains button.
	E	Depress and hold down the remote control button "P-" and switch the TV set on from Standby with the "P+" on the local keyboard. (This is only possible once when replacing the NVM or μ P). To cancel the volume offset: Depress and hold down the remote control button "AUX" while switching on with the mains button.
	I	Resetting the factory default values: buttons "AUX", "OK"
	K	Depress and hold down the remote control button "P-" while switching on with the mains button. Additionally, on replacement of the memory, it is necessary to deactivate the Hotel Mode (point 10), to cancel the band limit values (VST models, see point 32), to adjust the AGC, and also the AFC dependent on the type of the fitted video processor.
	A	Depress and hold down the remote control button "P-" while switching on with the mains button. Additionally, on replacement of the memory, it is necessary to deactivate the Hotel Mode (point 10) and to adjust the AGC.
	L	Depress and hold down the "P-" button on the TV set while switching on with the mains button.
27	A/B/D/H/I/K/L	Depress and hold down the "L+" button on the remote control handset (model group L: on the TV) while switching on with the mains button.
	E	Depress and hold down the remote control button "L+" while switching the TV set on from Standby using button "P+" on the local keyboard.
28	H/I	Menu guide: "i", "Dialog Center", "Service", "for authorised dealer", Code "8500". Depress the yellow button. When changing the programme, the blue background is switched off. This function is cancelled when switching the TV set off.
	A/K	Menu guide: "i", "Dialog Center", "Service". Set "Blue Screen" to "off".
	L	Menu guide: "i", "Dialog Center", "Service", "for authorised dealer", code "8500" - set "Blue Screen" to "off".
29	F	Depress and hold down button "L+" on the TV set while switching on with the mains button. Repeat this step to re-activate the economy switch.

Code No.	Model Group	Sequence of Operations
30	I	Only Digi 6: Demo on: depress and hold down button "L+" on the TV set while switching on with the mains button. Depress button "P+" within a period of 10s. Demo off: with ATS-Reset (depress and hold down button "L+" on the TV set while switching on with the mains button.).
31	A/K	Depress and hold down remote control button "i" while switching on with the mains button. Move the bar to "OSD-horizontal" in the menu and press "AUX", "OK" in this order.
32	J/K	Depress and hold down remote control button "i" while switching on with the mains button. Move the bar to "AGC" in the menu and press "AUX", "OK" in this order.

Service Manuals from 1995 onwards sorted by TV sets

TV Set	Part No.	Kind of Manual	Chassis
ARGANTO 70 MW70-500 IRDT (VNM)	72010 025 9000	Service Manual	CUC 2059 D
ARGANTO 70 MW70-505 IRDT/DPL (VNM)	72010 025 9000	Service Manual	CUC 2059 D
ARGANTO 70 MW70-510/8 DPL (VNM)	72010 024 9000	Service Manual	CUC 1930
ARGANTO 82 MW 82-500 IRDT (VNM)	72010 025 9000	Service Manual	CUC 2058 D
ARGANTO 82 MW82-505 IRDT/DPL (VNM)	72010 025 9000	Service Manual	CUC 2058 D
ARGANTO 82 MW82-510/8 DPL (VNM)	72010 024 9000	Service Manual	CUC 1931
ARGANTO 82 MW82-520/9 PALPLUS	72010 019 9000 72010 019 9100 72010 019 9200 72010 019 9400 72010 019 9500	Service Manual Supplement 1 Supplement 2 Supplement 4 Supplement 5	CUC 1983
ATLANTA SE 7220 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
ATLANTA SE 7020 IDTV/LOG	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2	CUC 1826
ATLANTA SE 7220 IDTV/PIP	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1600	Service Manual Supplement 2 Supplement 4 Supplement 6	CUC 1830
ATLANTA SE 7289 IDTV/LOG	72010 019 3000	Service Manual	CUC 1826
ATLANTA SE7250 PIP DOLBY (VNM)	72010 024 9000	Service Manual	CUC 1832
ATLANTA SE7250/8 DOLBY (VNM)	72010 024 9000	Service Manual	CUC 1832
BERLIN SE 70-100/8	72010 021 1000	Service Manual	CUC 1828
BERLIN SE 7027/8 PIP	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1600	Service Manual Supplement 2 Supplement 4 Supplement 6	CUC 1828
BERLIN SE 7290 IDTV LOG	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500 72010 014 2600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6	CUC 1822
BERLIN SE7050/8 PIP/DOLBY	72010 024 9000 72010 024 9100	Service Manual Supplement 1	CUC 1930
BOSTEN SE 7010 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400 72010 021 1700	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 7	CUC 1836
BOSTON SE 7010 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400 72010 021 1700	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 7	CUC 1836
BOSTON SE 7090 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
BOSTON SE 7090 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
BOSTON SE 7090/8 I DTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
BOSTON SE 7090/8 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
BOSTON ST 170 IDTV	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300	Service Manual Supplement 1 Supplement 2 Supplement 3	CUC 1824
BOSTON ST 270 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
BOSTON ST 270/8 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
COPENHAGEN ST 763 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6	CUC 6360
COPENHAGEN ST 763/9 TOP	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 6360
DAVIO 55 M55-290/8 IDTV	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1900	Service Manual Supplement 2 Supplement 4 Supplement 9	CUC 1806
DAVIO 55 ST55-855 NIC/TOP (VNM)	72010 024 7000 72010 024 7200	Service Manual Supplement 2	CUC 2021 N
DAVIO 70 M70-290 IDTV (VNM)	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1900	Service Manual Supplement 2 Supplement 4 Supplement 9	CUC 1836
DAVIO 70 M70-290/8 IDTV (VNM)	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1900	Service Manual Supplement 2 Supplement 4 Supplement 9	CUC 1836
DAVIO 70 ST70-853 NIC/PIP (VNM)	72010 026 0000	Service Manual	CUC 2050 N
DAVIO 70 ST70-870 FR/TOP (VNM)	72010 020 8000 72010 020 8200 72010 020 8300 72010 020 8500	Service Manual Supplement 2 Supplement 3 Supplement 5	CUC 2035 F
DENVER 82-100 PALPLUS	72010 019 9000 72010 019 9100 72010 019 9200	Service Manual Supplement 1 Supplement 2	CUC 1984
DENVER 82-100/9 PALPLUS	72010 019 9000 72010 019 9100	Service Manual Supplement 1	CUC 1984
DENVER SE 82-100 PALPLUS	72010 019 9000 72010 019 9100 72010 019 9200 72010 019 9400	Service Manual Supplement 1 Supplement 2 Supplement 4	CUC 1984
DENVER SE 8227/8 PIP	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400 72010 021 1700	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 7	CUC 1929
DENVER SE 8250/8 PIP/DOLBY (VNM)	72010 024 9000 72010 024 9100	Service Manual Supplement 1	CUC 1931
E 55-700 TOP	72010 017 5000	Service Manual	CUC 6450
E 55-700/9 TOP	72010 017 5000	Service Manual	CUC 6450
GREENV. 7003 NIC/TOP D/GB	72010 020 7000	Service Manual	CUC 2030 N

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
GREENVILLE 100 SE 7030 (VNM)	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1900	Service Manual Supplement 2 Supplement 4 Supplement 9	CUC 1836
GREENVILLE 370 SE 3781 TOP	72010 024 0000	Service Manual	CUC 2003
GREENVILLE 55 T 5574 TOP	72010 015 4000 72010 015 4100	Service Manual Supplement 1	CUC 7300
GREENVILLE 550 SE 5586 TOP	72010 021 4000	Service Manual	CUC 2020
GREENVILLE 560 SE5587 TOP	72010 024 7000	Service Manual	CUC 2021
GREENVILLE 70 ST 1770 TOP	72010 015 0000 72010 015 0100	Service Manual Supplement 1	CUC 6360
GREENVILLE 7002 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330
GREENVILLE 7002/8 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330
GREENVILLE 7003 TEXT	72010 020 7000	Service Manual	CUC 2030
GREENVILLE 7004 NIC/TOP	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2050 N
GREENVILLE 7005 TOP (VNM)	72010 024 8000	Service Manual	CUC 2032
GT 1401	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 1401 I	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 1402	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 1402 I	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 2001	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 2001 I	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 2003	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 2003 I	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 2005	72010 019 1000	Service Manual	G 1000 St.
GT 2101	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 2103	72010 017 6000 72010 017 6100	Service Manual Supplement 1	G 1000
GT 2105	72010 019 1000	Service Manual	G 1000 St.
HAMBURG ST 770/9 TOP	72010 015 0000 72010 015 0100	Service Manual Supplement 1	CUC 6360
M 1403	72010 020 5000	Service Manual	CUC 7303
M 1403 TXT	72010 020 5000	Service Manual	CUC 7303
M 2003 TXT	72010 020 5000	Service Manual	CUC 7303
M 2103 TXT	72010 020 5000	Service Manual	CUC 7303
M 2150 TXT	72010 020 6000	Service Manual	CUC 7350
M 55-105 IDTV	72010 014 2000 72010 014 2100 72010 014 2200	Service Manual Supplement 1 Supplement 2	CUC 1800
M 55-105/9 IDTV	72010 014 2000 72010 014 2100 72010 014 2200	Service Manual Supplement 1 Supplement 2	CUC 1800

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part. No.	Kind of Manual	Chassis
M 55-280/8 A IDTV LOG	72010 021 1000 72010 021 1200	Service Manual Supplement 2	CUC 1806
M 55-280/8 IDTV/LOG	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2	CUC 1805
M 55-290/8 IDTV	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1600	Service Manual Supplement 2 Supplement 4 Supplement 6	CUC 1806
M 61-1690 DPL	72010 018 7000	Service Manual	CUC 6469
M 61-1690 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6	CUC 6369
M 63-281 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
M 63-281 IDTV/LOG	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
M 63-281/8 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
M 63-281/8 IDTV/LOG	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
M 63-776/9 TOP	72010 015 0000 72010 015 0100	Service Manual Supplement 1	CUC 6365
M 70-169/9 IDTV	72010 016 1000	Service Manual	CUC 1951
M 70-1690 DPL	72010 018 7000	Service Manual	CUC 6469
M 70-1690 DPL/IDTV	72010 018 9000	Service Manual	CUC 1961
M 70-1690 DPL/IDTV/LOG	72010 018 9000	Service Manual	CUC 1961
M 70-1690 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 6369
M 70-269/9 REFERENC	72010 019 9000	Service Manual	CUC 1952
M 70-280 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
M 70-280/8 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
M 70-281 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
M 70-281 IDTV/LOG	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
M 70-281/8 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
M 70-281/8 IDTV/LOG	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836



Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
M 70-290 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
M 70-290/8 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
M 72-100 A	72010 021 1000 72010 021 1200	Service Manual Supplement 2	CUC 1830
M 72-100 IDTV	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2	CUC 1826
M 72-100/8 A	72010 021 1000 72010 021 1200	Service Manual Supplement 2	CUC 1830
M 72-100/8 IDTV	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2	CUC 1826
M 72-115 IDTV	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 1852
M 72-115/9 IDTV PIP	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 1852
M 72-215/9 IDTV/PIP REFERENCE	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 1852
M 72-270 IDTV/LOG ELEGANCE	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
M 72-270/8 IDTV/LOG ELEGANCE	72010 019 3000 72010 019 3100 72010 019 3200 72010 019 3300 72010 019 3600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 6	CUC 1826
M 72-315 IDTV REFERENCE	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500 72010 014 2600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6	CUC 1852
M 72-315/9 IDTV/PIP/REFERENCE	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500 72010 014 2600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6	CUC 1852
M 72-410 REFERENCE	72010 019 9000	Service Manual	CUC 1842
M 72-410/9 REFERENCE	72010 019 9000	Service Manual	CUC 1842
M 72-410/9 REFERENCE/PIP	72010 019 9000	Service Manual	CUC 1842

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
M 72-798 IDTV	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1900	Service Manual Supplement 2 Supplement 4 Supplement 9	CUC 1830
M 82-169 PAL PLUS	72010 016 0000	Service Manual	CUC 1981
M 82-169/9 IDTV	72010 016 1000	Service Manual	CUC 1982
M 82-1690 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600 72010 015 0700 72010 015 0800	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6 Supplement 7 Supplement 8	CUC 6360
M 82-169A PAL PLUS	72010 016 0000 72010 016 0100	Service Manual Supplement 1	CUC 1981
M 82-269/9 REF	72010 019 9000	Service Manual	CUC 1984
M 82-269PALPLUS/LOG	72010 019 9000	Service Manual	CUC 1983
M 84-210/8 A IDTV LOG	72010 021 1000 72010 021 1200	Service Manual Supplement 2	CUC 1829
M 84-210/8 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1827
M 84-211/8 IDTV (VNM)	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400 72010 021 1800	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 8	CUC 1929
M 95-410/9 REFERENCE/PIP	72010 019 9000	Service Manual	CUC 1842
M 95-411/9 REFERENCE/PIP	72010 019 9000 72010 019 9100 72010 019 9200	Service Manual Supplement 1 Supplement 2	CUC 1894
MELBOURNE SE 7210 A NIC/TOP	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2051 N
MELBOURNE SE 7210 TOP	72010 020 7000 72010 020 7100	Service Manual Supplement 1	CUC 2031
MELBOURNE SE 7210/NIC/TOP	72010 020 7000 72010 020 7100	Service Manual Supplement 1	CUC 2031 N
MELBOURNE SE7212 TOP (VNM)	72010 024 8000	Service Manual	CUC 2033
MIAMI SE 3780 TEXT	72010 019 4000 72010 019 4300 72010 019 4600	Service Manual Supplement 3 Supplement 6	CUC 7303
MINERVA M 1403	72010 020 5000	Service Manual	CUC 7303
MINERVA M 1403 TXT	72010 020 5000	Service Manual	CUC 7303
MINERVA M 2003 TXT	72010 020 5000	Service Manual	CUC 7303
MINERVA M 2103 TXT	72010 020 5000	Service Manual	CUC 7303
MINERVA T 5570 TEXT	72010 017 6000	Service Manual	G 1000
MW 70-100/8	72010 021 1000	Service Manual	CUC 1828
MW 70-269 PALPLUS	72010 019 9000 72010 019 9100 72010 019 9200 72010 019 9400	Service Manual Supplement 1 Supplement 2 Supplement 4	CUC 1952
MW 70-2690 FR/TOP	72010 020 8000 72010 020 8200 72010 020 8300	Service Manual Supplement 2 Supplement 3	CUC 2059 F

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
MW 70-2690 NIC/TOP	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2059 N
MW 82-100/9	72010 019 9000 72010 019 9100 72010 019 9200 72010 019 9400	Service Manual Supplement 1 Supplement 2 Supplement 4	CUC 1984
MW 82-100/9 PALPLUS	72010 019 9000 72010 019 9100 72010 019 9200	Service Manual Supplement 1 Supplement 2	CUC 1983
MW 82-100/9 PALPLUS	72010 019 9000 72010 019 9100 72010 019 9200 72010 019 9400	Service Manual Supplement 1 Supplement 2 Supplement 4	CUC 1983
MW 82-269/9 REFERENCE	72010 019 9000 72010 019 9100	Service Manual Supplement 1	CUC 1984
MW 82-2690 NIC/TOP	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2058 N
MW 82-50/8	72010 021 1000 72010 021 1200 72010 021 1300	Service Manual Supplement 2 Supplement 3	CUC 1929
MW70-2699 DPL/FT (VNM)	72010 020 7000 72010 020 7400 72010 020 7600 72010 020 7800	Service Manual Supplement 4 Supplement 6 Supplement 8	CUC 2059 N
MW70-2699 FR/TOP (VNM)	72010 020 8000 72010 020 8200 72010 020 8400	Service Manual Supplement 2 Supplement 4	CUC 2059 F
MW70-2699 NIC/FT (VNM)	72010 026 0000	Service Manual	CUC 2059 N
MW70-2699 NIC/TOP (VNA)	72010 026 0000	Service Manual	CUC 2059 N
MW70-2699 NIC/TOP (VNM)	72010 020 7000 72010 020 7400 72010 020 7600 72010 020 7800	Service Manual Supplement 4 Supplement 6 Supplement 8	CUC 2059 N
MW82-2699 DPL/FT (VNM)	72010 020 7000 72010 020 7400 72010 020 7600 72010 020 7800	Service Manual Supplement 4 Supplement 6 Supplement 8	CUC 2058 N
MW82-2699 FR/TOP (VNM)	72010 020 8000 72010 020 8200 72010 020 8400	Service Manual Supplement 2 Supplement 4	CUC 2058 F
MW82-2699 NIC/FT (VNM)	72010 026 0000	Service Manual	CUC 2058 N
MW82-2699 NIC/TOP (VNA)	72010 026 0000	Service Manual	CUC 2058 N
MW82-2699 NIC/TOP (VNM)	72010 020 7000 72010 020 7400 72010 020 7600 72010 020 7800	Service Manual Supplement 4 Supplement 6 Supplement 8	CUC 2058 N
MW82-40/8 (VNM)	72010 026 9000	Service Manual	CUC 1836
P 14-6210/4	72010 019 8000	Service Manual	CUC 400
P 14-6210/4 TEXT	72010 019 8000	Service Manual	CUC 400
P 14-6210/6	72010 019 8000	Service Manual	CUC 400
P 14-6210/6 TEXT	72010 019 8000	Service Manual	CUC 400
P 14-6210/8	72010 019 8000	Service Manual	CUC 400
P 14-6210/8 TEXT	72010 019 8000	Service Manual	CUC 400
P 20-6210/4 TEXT	72010 019 8000	Service Manual	CUC 400

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
P 20-6210/8 TEXT	72010 019 8000	Service Manual	CUC 400
P 37 - 830 / 12 TEXT GLOBETROTTER	72010 019 5000 72010 019 5100	Service Manual Supplement 1	CUC 7305
P 37 - 842 FR	72010 019 6000 72010 019 6300	Service Manual Supplement 3	CUC 7303 FR
P 37 - 847 FR / TEXT	72010 019 6000 72010 019 6300 72010 019 6400	Service Manual Supplement 3 Supplement 4	CUC 7303 FR
P 37-066/5	72010 019 4000	Service Manual	CUC 7303
P 37-071	72010 019 4000	Service Manual	CUC 7303
P 37-071 GB	72010 019 4000	Service Manual	CUC 7303
P 37-071-071 IR	72010 019 4000 72010 019 4100 72010 019 4200 72010 019 4300	Service Manual Supplement 1 Supplement 2 Supplement 3	CUC 7303
P 37-3035 TEXT	72010 019 4000 72010 019 4100 72010 019 4200	Service Manual Supplement 1 Supplement 2	CUC 7303
P 37-730 MEGASIS	72010 017 8000 72010 017 8100 72010 017 8200 72010 017 8300 72010 017 8400 72010 017 8500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 7301
P 37-730 TEXT	72010 017 8000	Service Manual	CUC 7301
P 37-730 TEXT ASIS	72010 017 8000 72010 017 8100	Service Manual Supplement 1	CUC 7301
P 37-730/5 TEXT ICN	72010 017 8000 72010 017 8100 72010 017 8200 72010 017 8300 72010 017 8400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 7301
P 37-731 TEXT IR	72010 019 4000 72010 019 4100 72010 019 4200	Service Manual Supplement 1 Supplement 2	CUC 7303
P 37-731 TEXT/GB	72010 019 4000	Service Manual	CUC 7303
P 37-731/12 TEXT	72010 019 5000	Service Manual	CUC 7305
P 37-732/5 TEXT	72010 019 4000 72010 019 4100 72010 019 4200 72010 019 4300	Service Manual Supplement 1 Supplement 2 Supplement 3	CUC 7303
P 37-830 MULTI/ICN	72010 024 0000	Service Manual	CUC 2003 H
P 37-841 FR	72010 019 6000	Service Manual	CUC 7303 F
P 37-845 FR+SAT	72010 016 6000	Service Manual	CUC 7300 F
P 37-846 FR	72010 019 6000 72010 019 6100 72010 019 6200	Service Manual Supplement 1 Supplement 2	CUC 7303 F
P 40-64 FR/FM/CL	72010 016 4000	Service Manual	CUC 6301 F
P 40-64/4 ASIS	72010 014 8000 72010 014 8100	Service Manual Supplement 1	CUC 6301
P 45-64/4 ASIS	72010 014 8000 72010 014 8100	Service Manual Supplement 1	CUC 6301
P 45-731 TEXT	72010 019 4000	Service Manual	CUC 7303
P 45-830 MULTI MEGASIS	72010 024 0000	Service Manual	CUC 2003 H
P 45-841 FR	72010 019 6000	Service Manual	CUC 7303 F
P 45-843 FR	72010 019 4600	Service Manual	CUC 7303

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
P 45-845 FR	72010 016 6000	Service Manual	CUC 7300 F
P37-080	72010 019 4000 72010 019 4300 72010 019 4600	Service Manual Supplement 3 Supplement 6	CUC 7303
P37-080 GB	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
P37-080 IR	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
P37-080 TR (VNM)	72010 019 4000 72010 019 4600 72010 021 9100	Service Manual Supplement 6 Supplement 11	CUC 7303
P37-830 TEXT	72010 019 4000 72010 019 4300 72010 019 4600	Service Manual Supplement 3 Supplement 6	CUC 7303
P37-830 TEXT/GB	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
P37-830 TEXT/IR	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
P37-830 TEXT/TR (VNM)	72010 019 4000 72010 019 4600 72010 021 9100	Service Manual Supplement 6 Supplement 11	CUC 7303
P37-830/4 TEXT	72010 019 4000 72010 019 4300 72010 019 4600	Service Manual Supplement 3 Supplement 6	CUC 7303
P37-837 TEXT (VNM)	72010 019 4000 72010 019 4600 72010 021 9000	Service Manual Supplement 6 Supplement 10	CUC 7303
P37-838 TEXT (VNM)	72010 019 4000 72010 019 4600 72010 021 9000	Service Manual Supplement 6 Supplement 10	CUC 7303
P37-840/12 TOP/SAT	72010 026 2000	Service Manual	CUC 2005
P37-844 FR (VNA)	72010 025 7000	Service Manual	CUC 7303 F
P37-848 FR TEXT (VNA)	72010 025 7000	Service Manual	CUC 7303 F
P37-9441 FR (VNM)	72010 019 6000 72010 019 6300 72010 019 6600	Service Manual Supplement 3 Supplement 6	CUC 7303 F
P37-9442 FR (VNM)	72010 019 6000 72010 019 6300 72010 019 6600	Service Manual Supplement 3 Supplement 6	CUC 7303 F
P37-9443 FR (VNM)	72010 019 6000 72010 019 6300 72010 019 6600	Service Manual Supplement 3 Supplement 6	CUC 7303 F
P45 830/4 TEXT (VNA)	72010 026 1000	Service Manual	CUC 7303
P45-830 TEXT	72010 019 4000 72010 019 4300 72010 019 4600	Service Manual Supplement 3 Supplement 6	CUC 7303
P45-830 TEXT (VNA)	72010 026 1000	Service Manual	CUC 7303
P45-830/4 TEXT	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
P45-848 FR TEXT (VNA)	72010 025 7000	Service Manual	CUC 7303 F
PLANATRON PW110-520/9 PALPLUS	72010 024 6000	Service Manual	

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
SE 6376 TOP/LOG	72010 015 0000	Service Manual	CUC 6360
	72010 015 0100	Supplement 1	
	72010 015 0200	Supplement 2	
	72010 015 0300	Supplement 3	
	72010 015 0400	Supplement 4	
	72010 015 0500	Supplement 5	
SE 7016/9 REF./PIP TRENTO	72010 019 9000	Service Manual	CUC 1952
SE 7087 TOP/LOG	72010 015 0000	Service Manual	CUC 1824
	72010 015 0100	Supplement 1	
	72010 015 0200	Supplement 2	
	72010 015 0300	Supplement 3	
SE 7088 IDTV	72010 014 2000	Service Manual	CUC 1824
	72010 014 2100	Supplement 1	
	72010 014 2200	Supplement 2	
SE 7089 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
SE 7277 TEXT	72010 016 9000	Service Manual	CUC 6331
	72010 016 9100	Supplement 1	
SE 7287 TOP/LOG	72010 015 0000	Service Manual	CUC 6360
	72010 015 0100	Supplement 1	
	72010 015 0200	Supplement 2	
	72010 015 0300	Supplement 3	
SE 8216/9 REF./PIP DENVER	72010 019 9000	Service Manual	CUC 1984
ST 25-8210/6 NT	72010 020 7000	Service Manual	CUC 2040 India
	72010 020 7100	Supplement 1	
	72010 020 7300	Supplement 3	
ST 28-8210/6 NT	72010 020 7000	Service Manual	CUC 2040 India
	72010 020 7100	Supplement 1	
	72010 020 7300	Supplement 3	
ST 55 - 798 TEXT	72010 016 8000	Service Manual	CUC 7350
	72010 016 8500	Supplement 5	
	72010 016 8700	Supplement 7	
ST 55-710 NIC/TOP	72010 021 4000	Service Manual	CUC 2020 N
ST 55-725 A FT/GB	72010 021 4000	Service Manual	CUC 2020 N
ST 55-725 FT/GB	72010 016 8000	Service Manual	CUC 7350
	72010 016 8100	Supplement 1	
ST 55-750 FR/TOP	72010 021 8000	Service Manual	CUC 2020 FR
	72010 021 8100	Supplement 1	
ST 55-753 FR/NIC	72010 016 2000	Service Manual	CUC 5350 F
ST 55-800 A TOP	72010 021 4000	Service Manual	CUC 2020
ST 55-800 NIC/TOP	72010 021 4000	Service Manual	CUC 2020 N
ST 55-850 FR / TOP	72010 021 8000	Service Manual	CUC 2020 FR
ST 55-850 NIC/TOP	72010 021 4000	Service Manual	CUC 2020 N
ST 55-850 TOP	72010 021 4000	Service Manual	CUC 2020
ST 55-875 FR/NIC	72010 016 2000	Service Manual	CUC 5350 F
	72010 016 2100	Supplement 1	
ST 55-876/9 TEXT	72010 016 8000	Service Manual	CUC 7350
	72010 016 8100	Supplement 1	
ST 55-900 FR / TOP	72010 021 8000	Service Manual	CUC 2020 FR

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!



TV Set	Part No.	Kind of Manual	Chassis
ST 63-160A IDTV	72010 014 2000	Service Manual	CUC 1822
	72010 014 2100	Supplement 1	
	72010 014 2200	Supplement 2	
	72010 014 2300	Supplement 3	
	72010 014 2400	Supplement 4	
	72010 014 2500	Supplement 5	
ST 63-255 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
ST 63-255/8 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
ST 63-270/8 IDTV	72010 019 3000	Service Manual	CUC 1825
	72010 019 3100	Supplement 1	
	72010 019 3200	Supplement 2	
	72010 019 3300	Supplement 3	
ST 63-270/8 IDTV	72010 021 1000	Service Manual	CUC 1836
	72010 021 1200	Supplement 2	
	72010 021 1300	Supplement 3	
	72010 021 1400	Supplement 4	
ST 63-700 DPL/NIC/FT	72010 020 7000	Service Manual	CUC 2040 N
	72010 020 7100	Supplement 1	
ST 63-700 FR	72010 020 8000	Service Manual	CUC 2030
ST 63-700 NIC/FT	72010 020 7000	Service Manual	CUC 2030 N
	72010 020 7100	Supplement 1	
ST 63-700 NIC/TEXT	72010 020 7000	Service Manual	CUC 2030 N
ST 63-700 NIC/TOP	72010 020 7000	Service Manual	CUC 2030 N
ST 63-700 TEXT	72010 020 7000	Service Manual	CUC 2030
ST 63-705 NIC/TEXT	72010 020 7000	Service Manual	CUC 2030 N
	72010 020 7100	Supplement 1	
	72010 020 7300	Supplement 3	
	72010 020 7400	Supplement 4	
ST 63-710 NIC/TEXT	72010 020 7000	Service Manual	CUC 2030 N
	72010 020 7100	Supplement 1	
ST 63-720/8 TEXT	72010 016 9000	Service Manual	CUC 6330
ST 63-725/8 FT/GB	72010 016 9000	Service Manual	CUC 6330
	72010 016 9100	Supplement 1	
ST 63-725/8 TEXT	72010 016 9000	Service Manual	CUC 6330
	72010 016 9100	Supplement 1	
ST 63-750/9 TOP	72010 015 0000	Service Manual	CUC 6360
	72010 015 0100	Supplement 1	
ST 63-755 DPL	72010 020 7000	Service Manual	CUC 2040 N
	72010 020 7100	Supplement 1	
	72010 020 7300	Supplement 3	
ST 63-755 TOP/LOG	72010 015 0000	Service Manual	CUC 6360
	72010 015 0100	Supplement 1	
	72010 015 0200	Supplement 2	
	72010 015 0300	Supplement 3	
ST 63-755/9 TOP/LOG	72010 015 0400	Supplement 4	CUC 6360
	72010 015 0000	Service Manual	
	72010 015 0100	Supplement 1	
	72010 015 0200	Supplement 2	
	72010 015 0300	Supplement 3	
	72010 015 0400	Supplement 4	
ST 63-780 NIC/TOP	72010 020 7000	Service Manual	CUC 2031 N
	72010 020 7000	Service Manual	
ST 63-780 TEXT	72010 020 7000	Service Manual	CUC 2031

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
ST 63-800 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600 72010 015 0700	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6 Supplement 7	CUC 6360
ST 63-800/9 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600 72010 015 0700	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6 Supplement 7	CUC 6360
ST 63-875 DPL/FT	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2050 N
ST 70-100 IDTV	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 1824
ST 70-150 IDTV	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 1824
ST 70-160 IDTV	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 1824
ST 70-160/9 IDTV	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 1824
ST 70-200 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
ST 70-255 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
ST 70-255/8 IDTV/LOG	72010 019 3000	Service Manual	CUC 1825
ST 70-270 IDTV	72010 019 3000 72010 019 3100 72010 019 3200 72010 019 3300	Service Manual Supplement 1 Supplement 2 Supplement 3	CUC 1825
ST 70-270 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
ST 70-270/8 IDTV	72010 019 3000 72010 019 3100 72010 019 3200 72010 019 3300	Service Manual Supplement 1 Supplement 2 Supplement 3	CUC 1825

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
ST 70-270/8 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
ST 70-278 IDTV	72010 019 3000 72010 019 3100 72010 019 3200 72010 019 3300 72010 019 3600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 6	CUC 1825
ST 70-278 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
ST 70-280 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400 72010 021 1700	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 7	CUC 1836
ST 70-600 TEXT	72010 020 7000 72010 020 7100 72010 020 7300	Service Manual Supplement 1 Supplement 3	CUC 2030
ST 70-700 FR	72010 020 8000	Service Manual	CUC 2030
ST 70-700 NIC/FT	72010 020 7000 72010 020 7100	Service Manual Supplement 1	CUC 2030 N
ST 70-700 NIC/TEXT	72010 020 7000	Service Manual	CUC 2030 N
ST 70-700 NIC/TOP	72010 020 7000	Service Manual	CUC 2030 N
ST 70-700 TEXT	72010 020 7000	Service Manual	CUC 2030
ST 70-705 NIC/TEXT	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2030 N
ST 70-705/8 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330
ST 70-705/9 TOP	72010 015 0000 72010 015 0100 72010 015 0200	Service Manual Supplement 1 Supplement 2	CUC 6360
ST 70-705/9 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 6360
ST 70-710 DPL/NIC/FT	72010 020 7000 72010 020 7100	Service Manual Supplement 1	CUC 2040 N
ST 70-710 NIC/TEXT	72010 020 7000 72010 020 7100	Service Manual Supplement 1	CUC 2030 N
ST 70-715 NIC/TOP	72010 020 7000 72010 020 7100 72010 020 7300	Service Manual Supplement 1 Supplement 3	CUC 2030 N
ST 70-720/8 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330
ST 70-721/8 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330
ST 70-725/8 FT/GB	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330
ST 70-725/8 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330
ST 70-728 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
ST 70-750 TEXT	72010 016 9000	Service Manual	CUC 6330
ST 70-750/9 TOP	72010 015 0000 72010 015 0100	Service Manual Supplement 1	CUC 6360
ST 70-755 DPL	72010 020 7000 72010 020 7100 72010 020 7300	Service Manual Supplement 1 Supplement 3	CUC 2040 N
ST 70-755/9/DPL/LOG	72010 018 7000	Service Manual	CUC 6469
ST 70-760 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 6360
ST 70-780 FR /TOP	72010 020 8000	Service Manual	CUC 2030
ST 70-780 NIC/TOP	72010 020 7000	Service Manual	CUC 2030 N
ST 70-780 TEXT	72010 020 7000	Service Manual	CUC 2030 N
ST 70-788	72010 020 7000 72010 020 7100 72010 020 7300	Service Manual Supplement 1 Supplement 3	CUC 2030
ST 70-798 TEXT	72010 020 7000 72010 020 7100 72010 020 7300	Service Manual Supplement 1 Supplement 3	CUC 2030
ST 70-800 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6	CUC 6360
ST 70-800/9 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6	CUC 6360
ST 70-809	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600 72010 015 0700	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6 Supplement 7	CUC 6360
ST 70-810 DPL	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2050 N
ST 70-819 NIC/TOP	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2050 N
ST 70-869 IDTV	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400 72010 021 1700	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 7	CUC 1836
ST 70-869 IDTV	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
ST 70-875 DPL/FT	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2050 N
ST 70-95 TOP	72010 015 0000 72010 015 0100 72010 015 0200	Service Manual Supplement 1 Supplement 2	CUC 6360
ST 70-97 IDTV	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2	CUC 1825
ST 72-01 IDTV	72010 019 3000 72010 019 3100 72010 019 3200 72010 019 3300	Service Manual Supplement 1 Supplement 2 Supplement 3	CUC 1826
ST 72-161 IDTV	72010 014 2000 72010 014 2100 72010 014 2200	Service Manual Supplement 1 Supplement 2	CUC 1822
ST 72-161/9 IDTV	72010 014 2000 72010 014 2100 72010 014 2200	Service Manual Supplement 1 Supplement 2	CUC 1822
ST 72-261 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1825
ST 72-261/8 IDTV/LOG	72010 019 3000 72010 019 3100	Service Manual Supplement 1	CUC 1826
ST 72-700 TOP	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2051 N
ST 72-760 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6331
ST 72-760/8 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6331
ST 72-762 TOP	72010 015 0000 72010 015 0100	Service Manual Supplement 1	CUC 6365
ST 72-762/9 TOP	72010 015 0000 72010 015 0100	Service Manual Supplement 1	CUC 6365
ST 72-860 FR /TOP	72010 020 8000	Service Manual	CUC 2031 F
ST 72-860 NIC/TOP	72010 020 7000	Service Manual	CUC 2031 N
ST 72-860 TOP	72010 020 7000	Service Manual	CUC 2031
ST 72-865 NIC/TOP	72010 020 7000 72010 020 7100	Service Manual Supplement 1	CUC 2031 N
ST 84 - 896 FR / TOP	72010 020 8000 72010 020 8200	Service Manual Supplement 2	CUC2080 F
ST 84-896 NIC/TOP	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4	CUC 2080 N
ST55-715 NIC/TOP (VNM)	72010 024 7000 72010 024 7200	Service Manual Supplement 2	CUC 2021 N
ST55-725 B FT/TOP (VNM)	72010 024 7000 72010 024 7200	Service Manual Supplement 2	CUC 2021 N
ST55-798 TEXT	72010 016 8000 72010 016 8500 72010 016 8700	Service Manual Supplement 5 Supplement 7	CUC 7350
ST55-805 NIC/TOP (VNM)	72010 024 7000 72010 024 7200	Service Manual Supplement 2	CUC 2021 N
ST55-805 TOP (VNM)	72010 024 7000	Service Manual	CUC 2021

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
ST55-805 TOP/TR (VNM)	72010 024 7000	Service Manual	CUC 2021
ST55-825 FT/GB (VNM)	72010 024 7000 72010 024 7200	Service Manual Supplement 2	CUC 2021 N
ST55-855 TOP (VNM)	72010 024 7000	Service Manual	CUC 2021
ST55-898 TOP (VNM)	72010 024 7000 72010 024 7200	Service Manual Supplement 2	CUC 2021 N
ST63-700 A NIC/FT (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST63-701 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST63-702 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST63-702 TOP (VNM)	72010 024 8000	Service Manual	CUC 2032
ST63-705 FR/TOP (VNM)	72010 020 8000 72010 020 8200 72010 020 8300 72010 020 8500	Service Manual Supplement 2 Supplement 3 Supplement 5	CUC 2035 F
ST63-706 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST63-712 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST63-782 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST63-782 TOP (VNM)	72010 024 8000	Service Manual	CUC 2032
ST70-209 (VNM)	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1900	Service Manual Supplement 2 Supplement 4 Supplement 9	CUC 1836
ST70-250 IDTV (VNM)	72010 026 9000	Service Manual	CUC 1836
ST70-260/8 IDTV (VNM)	72010 026 9000	Service Manual	CUC 1836
ST70-602 NIC/TOP (VNM)	72010 026 0000	Service Manual	CUC 2030 N
ST70-700 A NIC/FT (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST70-701 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
ST70-702 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST70-702 TOP (VNM)	72010 024 8000	Service Manual	CUC 2032
ST70-702 TOP/TR (VNM)	72010 024 8000	Service Manual	CUC 2032
ST70-703 NIC/TOP (VNM)	72010 026 0000	Service Manual	CUC 2030 N
ST70-705 FR TITANE (VNM)	72010 020 8000 72010 020 8200 72010 020 8600	Service Manual Supplement 2 Supplement 6	CUC 2035 F
ST70-705 FR/TOP (VNM)	72010 020 8000 72010 020 8200 72010 020 8300 72010 020 8500	Service Manual Supplement 2 Supplement 3 Supplement 5	CUC 2035 F
ST70-706 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST70-712 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST70-712/5 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST70-730 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST70-782 NIC/TOP (VNM)	72010 020 7000 72010 020 7100 72010 020 7400 72010 020 7800 72010 020 7900	Service Manual Supplement 1 Supplement 4 Supplement 8 Supplement 9	CUC 2030 N
ST70-782 TOP (VNM)	72010 024 8000	Service Manual	CUC 2032
ST70-788 A (VNM)	72010 024 8000 72010 024 8100	Service Manual Supplement 1	CUC 2032
ST70-798 A TEXT (VNM)	72010 024 8000 72010 024 8100	Service Manual Supplement 1	CUC 2032
ST70-820 TOP (VNM)	72010 024 8000	Service Manual	CUC 2032
ST70-860 FR/TOP	72010 020 8000 72010 020 8200 72010 020 8300	Service Manual Supplement 2 Supplement 3	CUC 2030 F
ST70-869 A IDTV (VNM)	72010 026 9000	Service Manual	CUC 1836
ST72-600 TOP (VNM)	72010 024 8000	Service Manual	CUC 2033
ST72-862 TOP (VNM)	72010 024 8000	Service Manual	CUC 2033
ST72-870 FR/TOP (VNM)	72010 020 8000 72010 020 8200 72010 020 8300 72010 020 8500	Service Manual Supplement 2 Supplement 3 Supplement 5	CUC 2031 F
ST84-896 NIC/TOP (VNA)	72010 026 0000	Service Manual	CUC 2080 N

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
SYDNEY 100 SE 7020 IDTV/LOG	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
SYDNEY 100 SE 7021 IDTV/PIP	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
SYDNEY 100/8 SE 7020 IDTV/LOG	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
SYDNEY 72 ST 1772 TOP/LOG	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 6360
SYDNEY SE7230 DOLBY (VNM)	72010 024 9000	Service Manual	CUC 1832
SYDNEY ST 872 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6331
SYDNEY ST 872/8 TEXT	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6331
SYDNEY100 SE 7020 IDTV/LOG	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2	CUC 1826
SYDNEY100/8 SE 7020/8 IDTV/LOG	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2	CUC 1826
T 20-6210/4 TEXT	72010 019 8000	Service Manual	CUC 400
T 20-6210/6	72010 019 8000	Service Manual	CUC 400
T 20-6210/6 TEXT	72010 019 8000	Service Manual	CUC 400
T 20-6210/8	72010 019 8000	Service Manual	CUC 400
T 20-6210/8 TEXT	72010 019 8000	Service Manual	CUC 400
T 21-6210/4	72010 019 8000	Service Manual	CUC 400
T 21-6210/4 TEXT	72010 019 8000	Service Manual	CUC 400
T 21-6210/6	72010 019 8000	Service Manual	CUC 400
T 21-6210/6 TEXT	72010 019 8000	Service Manual	CUC 400
T 21-6210/8	72010 019 8000	Service Manual	CUC 400
T 21-6210/8 TEXT	72010 019 8000	Service Manual	CUC 400
T 44-64/ASIS	72010 014 8000 72010 014 8100	Service Manual Supplement 1	CUC 6301
T 45-845 FR	72010 016 6000	Service Manual	CUC 7300 F
T 51-070	72010 017 8000 72010 017 8100	Service Manual Supplement 1	CUC 7301
T 51-071	72010 019 4000	Service Manual	CUC 7303
T 51-3035 TEXT	72010 019 4000 72010 019 4100 72010 019 4200	Service Manual Supplement 1 Supplement 2	CUC 7303
T 51-720 TEXT	72010 019 4000	Service Manual	CUC 7303
T 51-720 TEXT/GB	72010 019 4000	Service Manual	CUC 7303
T 51-721/5	72010 019 8000	Service Manual	CUC 400
T 51-721/5 TEXT	72010 019 8000	Service Manual	CUC 400

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
T 51-730 MEGASIS	72010 017 8000 72010 017 8100 72010 017 8200 72010 017 8300 72010 017 8400 72010 017 8500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 7301
T 51-730 TEXT ASIS	72010 017 8000 72010 017 8100 72010 017 8200	Service Manual Supplement 1 Supplement 2	CUC 7301
T 51-730/5 MEGASIS	72010 017 8000 72010 017 8100 72010 017 8200 72010 017 8300 72010 017 8400 72010 017 8500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 7301
T 51-730/5 TEXT	72010 017 8000 72010 017 8100	Service Manual Supplement 1	CUC 7301
T 51-731 TEXT	72010 019 4000	Service Manual	CUC 7303
T 51-731/5 TEXT	72010 017 8000 72010 017 8100	Service Manual Supplement 1	CUC 7301
T 51-732/5 TEXT	72010 019 4000	Service Manual	CUC 7303
T 51-830 MULTI/ICN	72010 024 0000 72010 024 0100	Service Manual Supplement 1	CUC 2003 H
T 51-846 FR	72010 019 6000	Service Manual	CUC 7303 F
T 55 - 842 FR	72010 019 6000 72010 019 6300 72010 019 6400	Service Manual Supplement 3 Supplement 4	CUC 7303 FR
T 55 - 843 FR MEGASIS	72010 018 5000 72010 018 5100	Service Manual Supplement 1	CUC 7301 F ASIS
T 55 - 847 FR / TEXT	72010 019 6000 72010 019 6300 72010 019 6400	Service Manual Supplement 3 Supplement 4	CUC 7303 FR
T 55-3035	72010 019 4000 72010 019 4100 72010 019 4200 72010 019 4300	Service Manual Supplement 1 Supplement 2 Supplement 3	CUC 7303
T 55-3035 TEXT	72010 019 4000 72010 019 4100 72010 019 4200	Service Manual Supplement 1 Supplement 2	CUC 7303
T 55-64 FR/FM/CL	72010 016 4000	Service Manual	CUC 6301 F
T 55-64/4 ASIS	72010 014 8000 72010 014 8100	Service Manual Supplement 1	CUC 6301
T 55-645 TEXT	72010 017 6000	Service Manual	G 1000
T 55-730 MEGASIS	72010 017 8000 72010 017 8100 72010 017 8200 72010 017 8300 72010 017 8400 72010 017 8500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 7301
T 55-730 TEXT	72010 017 8000 72010 017 8100	Service Manual Supplement 1	CUC 7301
T 55-730 TEXT /GB	72010 017 8000 72010 017 8100 72010 017 8200	Service Manual Supplement 1 Supplement 2	CUC 7301
T 55-730 TEXT ASIS	72010 017 8000 72010 017 8100 72010 017 8200	Service Manual Supplement 1 Supplement 2	CUC 7301

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
T 55-730/5 MEGASIS	72010 017 8000 72010 017 8100 72010 017 8200 72010 017 8300 72010 017 8400 72010 017 8500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5	CUC 7301
T 55-730/5 TEXT ASIS	72010 017 8000 72010 017 8100 72010 017 8200	Service Manual Supplement 1 Supplement 2	CUC 7301
T 55-730/5 TEXT ICN	72010 017 8000 72010 017 8100 72010 017 8200 72010 017 8300 72010 017 8400	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4	CUC 7301
T 55-731 FT/GB	72010 019 4000	Service Manual	CUC 7303
T 55-731 FT/IR	72010 019 4000 72010 019 4100 72010 019 4200	Service Manual Supplement 1 Supplement 2	CUC 7303
T 55-731 TEXT	72010 019 4000	Service Manual	CUC 7303
T 55-731/5 TEXT	72010 017 8000 72010 017 8100 72010 017 8200	Service Manual Supplement 1 Supplement 2	CUC 7301
T 55-732/5 TEXT	72010 019 4000	Service Manual	CUC 7303
T 55-733/5 TEXT	72010 019 4000	Service Manual	CUC 7303
T 55-830 MULTI MEGASIS	72010 024 0000 72010 024 0100	Service Manual Supplement 1	CUC 2003 H
T 55-830 MULTI/ICN	72010 024 0000	Service Manual	CUC 2003 H
T 55-840 TOP/SAT	72010 024 0000	Service Manual	CUC 2003
T 55-841 FR	72010 019 6000	Service Manual	CUC 7303 F
T 55-845 FR	72010 016 6000	Service Manual	CUC 7300 F
T 55-846 FR	72010 019 6000 72010 019 6100 72010 019 6200	Service Manual Supplement 1 Supplement 2	CUC 7303 F
T 70-740 FT/GB	72010 013 8000 72010 013 8100	Service Manual Supplement 1	CUC 6310
T 70-740 TEXT	72010 013 8000 72010 013 8100 72010 013 8200	Service Manual Supplement 1 Supplement 2	CUC 6310
T 70-740/4 TOP	72010 013 8000 72010 013 8100 72010 013 8200	Service Manual Supplement 1 Supplement 2	CUC 6310
T51-071 (VNX)	72010 026 1000	Service Manual	CUC 7303
T51-071 TR (VNA)	72010 026 1000	Service Manual	CUC 7303
T51-071 TR (VNM)	72010 019 4000 72010 019 4600 72010 021 9100	Service Manual Supplement 6 Supplement 11	CUC 7303
T51-3035 TEXT (VNX)	72010 026 1000	Service Manual	CUC 7303
T51-720 TEXT (VNX)	72010 026 1000	Service Manual	CUC 7303
T51-731 TEXT (VNX)	72010 026 1000	Service Manual	CUC 7303
T51-731 TEXT/TR (VNA)	72010 026 1000	Service Manual	CUC 7303
T51-731 TEXT/TR (VNM)	72010 019 4000 72010 019 4600 72010 021 9100	Service Manual Supplement 6 Supplement 11	CUC 7303
T51-732/4 TEXT (VNA)	72010 026 1000	Service Manual	CUC 7303
T55-3035 TEXT (VNX)	72010 026 1000	Service Manual	CUC 7303

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

TV Set	Part No.	Kind of Manual	Chassis
T55-830 FT/GB	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
T55-830 FT/IR	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
T55-830 TEXT (VNA)	72010 026 1000	Service Manual	CUC 7303
T55-830 TEXT/TR (VNA)	72010 026 1000	Service Manual	CUC 7303
T55-830 TEXT/TR (VNM)	72010 019 4000 72010 019 4600 72010 021 9100	Service Manual Supplement 6 Supplement 11	CUC 7303
T55-830/ TEXT	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
T55-830/4 TEXT	72010 019 4000 72010 019 4600 72010 019 4700	Service Manual Supplement 6 Supplement 7	CUC 7303
T55-830/4 TEXT (VNA)	72010 026 1000	Service Manual	CUC 7303
T55-837 TEXT (VNM)	72010 019 4000 72010 019 4600 72010 021 9000	Service Manual Supplement 6 Supplement 10	CUC 7303
T55-838 TEXT (VNM)	72010 019 4000 72010 019 4600 72010 021 9000	Service Manual Supplement 6 Supplement 10	CUC 7303
T55-844 FR (VNA)	72010 025 7000	Service Manual	CUC 7303 F
T55-848 FR TEXT (VNA)	72010 025 7000	Service Manual	CUC 7303 F
TRENTO SE 7026 PALPLUS	72010 019 9000 72010 019 9100	Service Manual Supplement 1	CUC 1952
WIEN 100 SE 6320 IDTV/LOG	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400	Service Manual Supplement 2 Supplement 3 Supplement 4	CUC 1836
WIEN100 SE 6320 IDTV/LOG	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2	CUC 1826
XENTIA 63 M63-400/8 (VNM)	72010 026 9000	Service Manual	CUC 1836
XENTIA 72 FLAT MF72-490 DOLBY (VNM)	72010 024 9000 72010 024 9100	Service Manual Supplement 1	CUC 1832
XENTIA 72 FLAT MF72-490/8 DOLBY (VNM)	72010 024 9000 72010 024 9100	Service Manual Supplement 1	CUC 1832
XENTIA 72 M72-400 DOLBY (VNM)	72010 024 9000 72010 024 9100	Service Manual Supplement 1	CUC 1832
XENTIA 72 M72-400/8 DOLBY (VNM)	72010 024 9000 72010 024 9100	Service Manual Supplement 1	CUC 1832
XS 63/81	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330
XS 70/81	72010 016 9000 72010 016 9100	Service Manual Supplement 1	CUC 6330

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

Service Manuals from 1995 onwards sorted by Chassis

Chassis		Part No.	Kind of Manual
CUC 1800	DIGI 5	72010 014 2000 72010 014 2100 72010 014 2200	Service Manual Supplement 1 Supplement 2
CUC 1805	DIGI BASIC	72010 019 3000 72010 019 3100 72010 019 3200	Service Manual Supplement 1 Supplement 2
CUC 1806	DIGI BASIC ++	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1600 72010 021 1900	Service Manual Supplement 2 Supplement 4 Supplement 6 Supplement 9
CUC 1822	DIGI 5	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500 72010 014 2600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6
CUC 1824	DIGI 5	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5
CUC 1825	DIGI BASIC	72010 019 3000 72010 019 3100 72010 019 3200 72010 019 3300 72010 019 3600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 6
CUC 1826	DIGI BASIC +	72010 019 3000 72010 019 3100 72010 019 3200 72010 019 3300 72010 019 3600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 6
CUC 1827	DIGI BASIC +	72010 019 3000 72010 019 3100	Service Manual Supplement 1
CUC 1828	DIGI BASIC ++	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1600	Service Manual Supplement 2 Supplement 4 Supplement 6
CUC 1829	DIGI BASIC ++	72010 021 1000 72010 021 1200	Service Manual Supplement 2
CUC 1830	DIGI BASIC ++	72010 021 1000 72010 021 1200 72010 021 1400 72010 021 1600 72010 021 1900	Service Manual Supplement 2 Supplement 4 Supplement 6 Supplement 9
CUC 1832	DIGI Basic 3	72010 024 9000 72010 024 9100	Service Manual Supplement 1
CUC 1836	DIGI BASIC ++	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400 72010 021 1700 72010 021 1900	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 7 Supplement 9
CUC 1836 (from 11/99)	DIGI BASIC ++	72010 026 9000	Service Manual
CUC 1842	DIGI 6	72010 019 9000	Service Manual

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

Chassis		Part No.	Kind of Manual
CUC 1852	DIGI 5	72010 014 2000 72010 014 2100 72010 014 2200 72010 014 2300 72010 014 2400 72010 014 2500 72010 014 2600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6
CUC 1894	DIGI 6	72010 019 9000 72010 019 9100 72010 019 9200	Service Manual Supplement 1 Supplement 2
CUC 1929	DIGI BASIC ++	72010 021 1000 72010 021 1200 72010 021 1300 72010 021 1400 72010 021 1700 72010 021 1800	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 7 Supplement 8
CUC 1930	DIGI Basic 3	72010 024 9000 72010 024 9100	Service Manual Supplement 1
CUC 1931	DIGI Basic 3	72010 024 9000 72010 024 9100	Service Manual Supplement 1
CUC 1951	DIGI 5 / 16:9	72010 016 1000	Service Manual
CUC 1952	DIGI 6	72010 019 9000 72010 019 9100 72010 019 9200 72010 019 9400	Service Manual Supplement 1 Supplement 2 Supplement 4
CUC 1961	DIGI 5 / 16:9	72010 018 9000	Service Manual
CUC 1981	DIGI 4 PAL PLUS	72010 016 0000 72010 016 0100	Service Manual Supplement 1
CUC 1982	DIGI 5 / 16:9	72010 016 1000	Service Manual
CUC 1983	DIGI 6	72010 019 9000 72010 019 9100 72010 019 9200 72010 019 9400 72010 019 9500	Service Manual Supplement 1 Supplement 2 Supplement 4 Supplement 5
CUC 1984	DIGI 6	72010 019 9000 72010 019 9100 72010 019 9200 72010 019 9400	Service Manual Supplement 1 Supplement 2 Supplement 4
CUC 2003/H		72010 024 0000 72010 024 0100	Service Manual Supplement 1
CUC 2005		72010 026 2000	Service Manual
CUC 2020		72010 021 4000	Service Manual
CUC 2020 FR		72010 021 8000 72010 021 8100	Service Manual Supplement 1
CUC 2020 N		72010 021 4000	Service Manual
CUC 2021		72010 024 7000	Service Manual
CUC 2021 N		72010 024 7000 72010 024 7200	Service Manual Supplement 3
CUC 2030		72010 020 7000 72010 020 7100 72010 020 7300	Service Manual Supplement 1 Supplement 3
CUC 2030 F		72010 020 8000 72010 020 8200 72010 020 8300	Service Manual Supplement 2 Supplement 3

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

Chassis	Part No.	Kind of Manual
CUC 2030 N	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400 72010 020 7900	Service Manual Supplement 1 Supplement 3 Supplement 4 Supplement 9
CUC 2030 N (from11/99)	72010 026 0000	Service Manual
CUC 2031	72010 020 7000 72010 020 7100	Service Manual Supplement 1
CUC 2031 F	72010 020 8000 72010 020 8500	Service Manual Supplement 5
CUC 2031 N	72010 020 7000 72010 020 7100	Service Manual Supplement 1
CUC 2032	72010 024 8000 72010 024 8100	Service Manual Supplement 1
CUC 2033	72010 024 8000	Service Manual
CUC 2035 F	72010 020 8000 72010 020 8200 72010 020 8300 72010 020 8500 72010 020 8600	Service Manual Supplement 2 Supplement 3 Supplement 5 Supplement 6
CUC 2040 India	72010 020 7000 72010 020 7100 72010 020 7300	Service Manual Supplement 1 Supplement 3
CUC 2040 N	72010 020 7000 72010 020 7100 72010 020 7300	Service Manual Supplement 1 Supplement 3
CUC 2050 N	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4
CUC 2050 N (from11/99)	72010 026 0000	Service Manual
CUC 2051 N	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4
CUC 2058 D	72010 025 9000	Service Manual
CUC 2058 F	72010 020 8000 72010 020 8200 72010 020 8400	Service Manual Supplement 2 Supplement 4
CUC 2058 N	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400 72010 020 7800	Service Manual Supplement 1 Supplement 3 Supplement 4 Supplement 8
CUC 2058 N (from11/99)	72010 026 0000	Service Manual
CUC 2059 D	72010 025 9000	Service Manual
CUC 2059 F	72010 020 8000 72010 020 8200 72010 020 8300 72010 020 8400	Service Manual Supplement 2 Supplement 3 Supplement 4
CUC 2059 N	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400 72010 020 7800	Service Manual Supplement 1 Supplement 3 Supplement 4 Supplement 8
CUC 2059 N (from11/99)	72010 026 0000	Service Manual

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

Chassis	Part No.	Kind of Manual
CUC 2080 N	72010 020 7000 72010 020 7100 72010 020 7300 72010 020 7400	Service Manual Supplement 1 Supplement 3 Supplement 4
CUC 2080 N (from 11/99)	72010 026 0000	Service Manual
CUC 400	72010 019 8000	Service Manual
CUC 5350 F	72010 016 2000 72010 016 2100	Service Manual Supplement 1
CUC 6301	72010 014 8000 72010 014 8100	Service Manual Supplement 1
CUC 6301 F	72010 016 4000	Service Manual
CUC 6310	72010 013 8000 72010 013 8100 72010 013 8200	Service Manual Supplement 1 Supplement 2
CUC 6310 F	73720 814 5600 72010 018 3100	Service Manual Supplement 1
CUC 6331	72010 016 9000 72010 016 9100	Service Manual Supplement 1
CUC 6360	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600 72010 015 0700 72010 015 0800	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6 Supplement 7 Supplement 8
CUC 6361	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600 72010 015 0700 72010 015 0800	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6 Supplement 7 Supplement 8
CUC 6365	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600 72010 015 0700 72010 015 0800	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6 Supplement 7 Supplement 8
CUC 6369	72010 015 0000 72010 015 0100 72010 015 0200 72010 015 0300 72010 015 0400 72010 015 0500 72010 015 0600	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6
CUC 6460	72010 018 7000	Service Manual
CUC 6469	72010 018 7000	Service Manual
CUC 7300	72010 015 4000 72010 015 4100 72010 015 4200	Service Manual Supplement 1 Supplement 2
CUC 7300 F	72010 016 6000	Service Manual

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

Chassis		Part No.	Kind of Manual
CUC 7301		72010 017 8000 72010 017 8100 72010 017 8200 72010 017 8400 72010 017 8500	Service Manual Supplement 1 Supplement 2 Supplement 4 Supplement 5
CUC 7301 F ASIS		72010 018 5000 72010 018 5100	Service Manual Supplement 1
CUC 7303		72010 019 4000 72010 019 4100 72010 019 4200 72010 019 4300 72010 019 4600 72010 019 4700 72010 019 4800 72010 021 9000 72010 021 9100	Service Manual Supplement 1 Supplement 2 Supplement 3 Supplement 6 Supplement 7 Supplement 8 Supplement 10 Supplement 11
CUC 7303 with PLL		72010 026 1000	Service Manual
CUC 7303 F		72010 019 6000 72010 019 6200 72010 019 6300 72010 019 6400 72010 019 6500 72010 019 6600	Service Manual Supplement 2 Supplement 3 Supplement 4 Supplement 5 Supplement 6
CUC 7303 F with PLL		72010 025 7000	Service Manual
CUC 7303 MINERVA		72010 020 5000	Service Manual
CUC 7305		72010 019 5000 72010 019 5100	Service Manual Supplement 1
CUC 7350		72010 016 8000 72010 016 8500 72010 016 8700	Service Manual Supplement 5 Supplement 7
CUC 2080 F		72010 020 8000 72010 020 8200	Service Manual Supplement 2
G 1000		72010 017 6000 72010 017 6100	Service Manual Supplement 1
G 1000 St.		72010 019 1000	Service Manual

Observe also the instructions given in the "Safety" Service Manual, part no. 72010 800 0000!

Partners help each other

Please help us find hidden faults and return all modules with a brief description of the fault.

For this purpose, a fault tag or adhesive label is enclosed with all modules (insert cards) delivered by the GRUNDIG service organisation.

TV

<p>FÜR IHR RÜCKABETEIL FOR RETURNING FAULTY MODULES ALLEGARE AL PEZZO CHE VIENE RIMANDATO INDIETRO POUR RETOURNER AVEC LE MODULE DEFECTUEUX PARA DEVOLUCIÓN DE MÓDULOS AVERIADOS</p>	<p>Fehleranhänger für Module / Label tag for modules Cartellino dei difetti per i moduli / Fiche suivieuse pour module Etiqueta de avería para módulos</p> <p><input type="checkbox"/> Fehler tritt sofort auf / Fault occurs immediately / Il difetto compare subito Le défaut apparaît immédiatement / La avería aparece inmediatamente</p> <p><input type="checkbox"/> Fehler tritt nur zeitweise auf / Fault occurs intermittently / Il difetto compare solo a periodi / Le défaut est intermittent / La avería aparece intermitentemente</p> <p><input type="checkbox"/> Fehler tritt nach ca. Minuten aut Fault occurs after approx minutes Il difetto compare dopo ca. minuti Le défaut apparait après environ minutes de fonctionnement La avería aparece tras minutos</p> <p><input type="checkbox"/> Wackelkontakt / intermittent contact / Contatto difettoso Mauvais contact intermittent / contacto intermitente</p> <p>Sonstige Fehlererscheinungen: / Other faults: / Altri difetti: Autres défauts: / Otras averías: _____</p> <p>_____</p> <p>_____</p>
---	---

Bitte unterstützen Sie uns beim Auffinden versteckter Fehler: Versehen Sie alle Modul-Rückläufer mit vollständig ausgefüllten Fehleranhängern!

Please help us to trace obscure faults: Ensure all modules are returned with label tag completed!

**Collaborate con noi nella ricerca deidifetti:
corredate ogni modulo che rimandate indietro dei cartellino dei difetti compilato in tutti i suoi punti!**

Afin de nous permettre d'améliorer la Qualité de notre service, nous vous prions de nous renvoyer avec votre module, cette étiquette dûment renseignée. Merci pour votre collaboration.

Ayúdenos a encontrar las averías ocultas: procuren que cada módulo devuelto vaya con su etiqueta de avería para módulos debidamente relienda!

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Module Chart GV 500 to GV 565

Video

Designation	Part No.	GV 500 GB	GV 500 SV	GV 500 SV /1	GV 501 VPT	GV 505 EURO	GV 506 EURO	GV 509 M	GV 510 SV	GV 511	GV 515 EURO	GV 530 SV	GV 530 SV /1	GV 535 EURO	GV 540 GB	GV 540 HiFi	GV 540 NIC	GV 545 EURO	GV 560 HiFi	GV 560 HiFi /5	GV 560 HiFi LE	GV 560 NIC	GV 565 EURO	
Keyboard Control	27599 002 4200	●	●	●	●	●			●	●	●	●	●	●										
Keyboard Control	27599 002 4400	●	●	●	●	●			●	●	●													
Keyboard Control	27599 002 4500						●																	
Keyboard Control	27599 002 4600											●	●	●										
Keyboard Control	27599 002 4700						●																	
Keyboard Control	27599 002 5000														●	●	●	●						
Keyboard Control 1	27599 002 4800																		●	●	●	●	●	●
Keyboard Control 2	75988 031 8400														●	●	●	●						
Keyboard Control 2	-																		1) 2)	1)	1)	1)	1)	
Chassis Board	27599 001 5800		●																					
Chassis Board	27599 001 5900				●						●													
Chassis Board	27599 001 6000	●																						
Chassis Board	27599 001 6100			●																				
Chassis Board	27599 001 6200												●											
Chassis Board	27599 001 6600						●																	
Chassis Board	27599 001 6800														●									
Chassis Board	27599 001 6900								●	●														
Chassis Board	27599 001 7200											●												
Chassis Board	27599 001 7400																							●
Chassis Board	27599 001 7500																		●					
Chassis Board	27599 001 7700															●	●							
Chassis Board	27599 001 7800														●									
Chassis Board	27599 001 8100																		●		●	●		
Chassis Board	27599 001 8400				●															●		●	●	
Chassis Board	27599 001 8800																			●				
Chassis Board 2	27588 028 1200	●	●	●				●				●	●											
Chassis Board 2	27588 028 1300					●	●				●			●										
Chassis Board 2	27599 004 1000																						●	
Chassis Board 2	27599 004 1200																			●		●		
Chassis Board 2	27599 004 1300														●		●							
Chassis Board 2	27599 004 1400															●			●	●	●	●		
Edit-Control	27599 032 1600																			●	●	●	●	●
Front Board	no spare part							●																
Head Amplifier	27599 004 0600											●	●	●										
Head Amplifier	27599 004 0700	●	●	●	●	●	●																	
Head Amplifier	27599 004 0900							●		●														
Head Amplifier	27599 004 1100																	●						
Head Amplifier	27599 004 1200																			●				
Head Amplifier	27599 004 1500																							●
Head Amplifier	75988 001 1800	●	●	●	●	●	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Main Board	no spare part							●																
Modulator	27512 101 0100															●	●	●	●	●	●	●	●	●
Modulator	27512 103 0100															●								
Modulator	75988 024 0400					●	●				●			●										
Modulator	75988 027 9700	●																						
Modulator	75988 032 7400		●	●	●				●	●		●	●											
Power Supply	27599 003 1100	●				●			●	●	●			●										
Power Supply	27599 003 1200		●	●	●		●					●	●											
Power Supply	27599 003 1400														●	●	●	●	●	●	●	●	●	●
Nicam-Decoder	27599 006 0100																						●	
Nicam-Decoder	27599 006 0200																		●					●
O-Secam	27599 006 5100																		●					●
O-VPT	27599 009 0000																		●		●	●		

Designation	Part No.	GV 500 GB	GV 500 SV	GV 500 SV/1	GV 501 VPT	GV 505 EURO	GV 506 EURO	GV 509 M	GV 510 SV	GV 511	GV 515 EURO	GV 530 SV	GV 530 SV/1	GV 535 EURO	GV 540 GB	GV 540 HiFi	GV 540 NIC	GV 545 EURO	GV 560 HiFi	GV 560 HiFi/5	GV 560 HiFi LE	GV 560 NIC	GV 565 EURO	
		O-VPT Board	27599 009 0100																			●		
Pre/Rec Amp Board	no spare part							●																
Synchro-Edit	75988 028 4500											●	●	●										
Teletext	27599 009 0000																		●			●	●	
Terminal Board	no spare part							●																
Tuner	27512-201 0100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Video Board	no spare part							●																
RP 500	75988 010 7100	●	●	●	●	●	●		●	●	●	●	●	●										
RP 540	75988 010 7300							●							●	●	●	●	●	●	●	●	●	●

- 1) integrated in the keyboard control flap, part no. 75988 031 0200
- 2) integrated in the keyboard control flap, part no. 75988 029 3600

Video

Module Chart GV 201-1, GV 25, GV 45, KV 5..., SE 51...

Designation	Part No.	GV 201-1	GV 25 SV /5	GV 45 SV /5	KV5001 VPS /5	KV5301 VPS /5	SE 5102 SV	SE 5104 SV	SE 5106 HIFI
Keyboard Control	27599 002 4000		●	●					
Keyboard Control	27599 002 4300							●	
Keyboard Control	27599 002 4500						●		
Keyboard Control	27599 002 4700						●		
Keyboard Control	27599 002 5200	●							
Keyboard Control	27599 002 6100				●	●			
Keyboard Control 1	27599 002 5100								●
Chassis Board	27599 001 5100			●		●			
Chassis Board	27599 001 5200		●		●				
Chassis Board	27599 001 6300							●	
Chassis Board	27599 001 6700						●		
Chassis Board	27599 001 7900								●
Chassis Board	27599 001 8500	●							
Chassis Board 2	27588 028 1200						●	●	
Chassis Board 2	27599 004 1200								●
Head Amplifier	27599 004 0600			●		●		●	
Head Amplifier	27599 004 0700	●	●		●		●		
Tape Deck Sensor	75988 018 2200	●	●	●	●				
Tape Deck Sensor	75988 001 1800						●	●	●
Modulator	27512 101 0100								●
Modulator	75988 024 0900		●	●	●	●			
Modulator	75988 032 7400						●	●	
Modulator	75988 324 0600	●							
Power Supply	27599 003 1000	●	●	●	●	●			
Power Supply	27599 003 1200						●	●	
Power Supply	27599 003 1400								●
Teletext	27599 009 0000								●
Tuner	27512 201 0100	●	●	●	●	●	●	●	●
RP 150	75988 324 0300	●	●	●	●	●			
RP 500	75988 010 7100						●	●	
RP 540	75988 010 7300								●

Video

Module Chart GV 600 to GV 690

Designation	Part No.	GV 600 SV	GV 600 SV/1	GV 605 EURO	GV 609 M	GV 630 SV	GV 630 SV/1	GV 635 EURO	GV 640 HiFi	GV 640 NIC	GV 645 EURO	GV 650 HiFi	GV 660 HiFi	GV 660 NIC	GV 665 EURO	GV 670 S NIC	GV 670S HiFi	GV 690 S HiFi	GV 690 S NIC
Tuner/Modulator	75988 035 5400								●	●									
Tuner/Modulator	75988 038 3800										●				●				
Tuner/Modulator	75988 039 4100	●	●			●	●												
Tuner/Amplifier	75988 038 7600			●				●											
RP 500	75988 010 7100	●	●			●	●		●	●									
RP 500 F	75988 010 7200			●				●			●								
RP 540	75988 010 7300											●	●	●		●	●	●	●
RP 540 F	75988 010 7400													●					
RP 609 M	75988 034 0000				●														

Module Chart GV 6000 to GV 6596

Video

Designation	Part No.	GV 6000 EURO	GV 6000 SV	GV 6000 SV/1	GV 6001 V+	GV 6066	GV 6096 SV	GV 6096 SV/1	GV 6300 EURO	GV 6300 SV	GV 6300 SV/1	GV 6396 VPT	GV 6400 EURO	GV 6400 HiFi	GV 6400 HiFi/5	GV 6400 NIC	GV 6401 NIC	GV 6596 HiFi	GV 6596 NIC
Tuner/Modulator	75988-035 5400																	●	●
Tuner/Modulator	75988-037 2100				●														
Tuner/Modulator	75988 037 2700	●							●				●						
Tuner/Modulator	75988 037 8700		●	●		●				●	●			●		●			
Tuner/Modulator	75988 038 8300													●					
Tuner/Modulator	75988 039 4100						●	●				●							
RP 160	75988 010 9100		●	●	●	●				●	●			●	●	●	●		
RP 160 F	75988 010 9200	●							●				●						
RP 500	75988 010 7100							●	●										
RP 540	75988 010 7300											●						●	●

Module Chart GVP 600, GV 26, GV 46, SE 61...

Designation	Part No.	GVP 600 ICN EURO	GV 26	GV 26 EURO	GV 26 VPS	GV 46	GV 46 VPS	SE 6102 SV	SE 6104 VPT	SE 6106 HiFi
Tuner/Modulator	75988 035 5400									●
Tuner/Modulator	75988 037 2700			●						
Tuner/Modulator	75988 037 8700		●		●	●	●			
Tuner/Modulator	75988 039 4100							●	●	
RP 150	75988 324 0300	●								
RP 160	75988 010 9100		●		●	●	●			
RP 160 F	75988 010 9200			●						
RP 500	75988 010 7100							●		
RP 540	75988 010 7300								●	●

Module Chart GV 709 to GV 7497

Designation	Part No.	GV 709 M	GV 729 M	GV 740 HiFi	GV 740 NIC	GV 7000 EURO	GV 7000 SV	GV 7000 SV-C	GV 7003	GV 7300 EURO	GV 7300 SV	GV 7300 SV/5	GV 7400 EURO	GV 7400 HiFi	GV 7400 HiFi/5	GV 7400 NIC	GV 7400 NIC 2 *	GV 7497 NIC
		Tuner	75988 323 6000	●	●													
Tuner/Booster	75988 037 2700					1)				1)			1)					
Tuner/Booster	75988 041 4000					2)				2)			2)					
Tuner/Modulator	75988 035 5400			●	●													●
Tuner/Modulator	75988 037 8700					1)	1)	1)		1)			1)		1)			
Tuner/Modulator	75988 038 8300											1)		1)				
Tuner/Modulator	75988 041 4300					2)	2)	2)		2)			2)		2)			
Tuner/Modulator	75988 041 4800											2)		2)				
IF	75988 323 6100		●															
IF	75988 323 6300	●																
RP 7	72011 650 0000			●	●													●
RP 170	72011 660 0000						●	●	●		●	●		●	●	●		
RP 170 FR	72011 660 0100				●					●								
RP 500	75988 010 7500			●	●													●
RC Transmitter	75988 323 3100	●	●															

- 1) Evolution code AA
- 2) from evolution code AB

Module Chart GV 819 to GV 8450

Designation	Part No.	GV 819 M	GV 8000 EURO	GV 8000 GB	GV 8000 SV/1	GV 8000 SV/2	GV 8000 SV/5	GV 8050 SV	GV 8300 EURO	GV 8300 SV	GV 8300 SV/5	GV 8400 EURO	GV 8400 GB	GV 8400 HiFi	GV 8400 HiFi/5	GV 8400 NIC 1	GV 8400 NIC 2	GV 8450 HiFi
		Tuner/Booster	75988 041 4400		●						●			●				
Tuner/Modulator	75988 041 4300			●	●					●				●		●	●	●
Tuner/Modulator	75988 041 4500			●									●					
Tuner/Modulator	75988 041 4800						●				●				●			
Tuner	75988 323 9500	●																
RP 700	72011 713 0000			●	●	●	●	●		●	●		●	●	●	●	●	●
RP 700 FR	72011 713 0100		●						●			●						
RC Transmitter	75988 323 9000	●																

Video

Module Chart GV 27, GV 47, KV 7..., KV 8..., SE 71..., SE 81...

Designation	Part No.	GV 27	GV 27 EURO	GV 27 VPS/5	GV 47	GV 47 VPS/5	KV 7001 VPS/5	KV 7301 VPS/5	KV 8001 VPS/5	KV 8301 VPS/5	KV 8401 HiFi/5	SE 7100 SV	SE 7104 SV	SE 7105 HiFi	SE 7106 HiFi	SE 8100 SV	SE 8105 HiFi
		Tuner	75988 039 4100												●		
Tuner/Booster	75988 037 2700		1)														
Tuner/Booster	75988 041 4000		2)														
Tuner/Modulator	75988 035 5400													●			
Tuner/Modulator	75988 037 8700	1)			1)							1)	1)				
Tuner/Modulator	75988 038 8300			1)	1)		1)	1)									
Tuner/Modulator	75988 041 4300	2)		2)								2)	2)			●	●
Tuner/Modulator	75988 041 4800			2)	2)		2)	2)	●	●	●						
RP 7	72011 650 0000												●		●		
RP 170	72011 660 0000	●		●	●	●	●	●				●		●			
RP 170 FR	72011 660 0100		●														
RP 500	75988 010 7500												●		●		
RP 700	72011 713 0000							●	●	●						●	●

Video

- 1) Evolution code AA
- 2) from evolution code AB

Module Chart GV 29, GV 94, GV 900 to GV 9400, SE 9100 to SE 9106

Designation	Part No.	GV 29 EURO	GV 29 VPS	GV 29 VPS/5	GV 94 HiFi	GV 94 NIC	GV 900 SV/1	GV 900 SV/2	GV 920 HiFi	GV 940 EURO	GV 940 HiFi	GV 940 HiFi/5	GV 940 NIC	GV 9000	GV 9000 SV	GV 9000 SV/5	GV 9300 EURO	GV 9300 SV	GV 9300 SV/5	GV 9400 EURO	GV 9400 HiFi	GV 9400 HiFi/5	GV 9400 NIC	SE 9100 SV	SE 9102 SV	SE 9105 HiFi	SE 9106 HiFi/NIC	
		Tuner	75988 046 4200						●	●	●												●	●	●	●		
Tuner	75988 048 4400									●																		
Tuner RF/TU/IF	75988 060 7200		●											●	●										●			
Tuner RF/TU/IF	75988 061 0500			●													●											
Tuner TU/IF	75988 062 0500	●																●										
Tuner RF/TU/IF	75988 062 4800				●	●																						
Socket Board	27599 002 8000														●	●									●			
Socket Board	27599 002 8100		●	●										●														
Socket Board	27599 002 8200	●															●											
Socket Board	27599 002 8400				●	●																						
NICAM/Stereo Dec.	27599 006 0500									●		●	●								●	●	●					●
Stereo Decoder	27599 006 0600								●		●											●					●	
Stereo Decoder TN-3	27599 006 0700				●																							
Stereo Decoder TN-6	27599 006 0800					●																						
TP 90 V	72011 713 1000		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TP 90 V	72011 713 1100	●								●								●			●							

Headwheels and Head Cylinders (Part 1)

Type of VCR	Heads	Headwheel Part No.	Head Cylinder Part No.
GV 400, 400 Ost, 400 VPS, 401 VPT, 402, 404 SV, 405 EURO, 406 EURO, 4000 VPS, 4092 VPS, 4092 SV	2	27599 005 0000	75988 001 3300
GV 400 GB	2	27599 005 0700	75988 001 3300
GV 409 M	2	75981 307 1300	
GV 410, 410 VPS, 411, 411 Ost, 412, 414 SV, GV 415 EURO, 416 EURO, 4192 SV, 420 VPT	3	27599 005 0100	75988 002 2900
GV 411-1, 411-2	6	27599 005 1000	75988 002 3100
GV 430..., 434 SV	4	27599 005 0200	75988 002 3000
GV 440..., 450..., 4592 VPT, 460..., 464..., 465 EURO	6	27599 005 0300	75988 002 3100
GV 466	6	27599 005 1800	75988 002 3100
GV 469 M	6	75981 317 0400	75981 317 0300
GV 470S, 470 PC	7	27599 005 0900	75988 002 3200
GV 500 GB, 5000 SAA	2	27599 005 0700	75988 001 3300
GV 5000 GB	2	27599 005 1600	75988 001 3300
GV 500 SV(/1), 501 VPT, 505 EURO, 506 EURO, 5000 (VPS (/5)), 5002 VPS, 5003, 5008, 5050 SV(/1), 5055 EURO, 5095 SV(/1),	2	27599 005 0800	75988 001 3300
GV 510 SV, 511, 515 EURO	3	27599 005 1100	75988 002 2900
GV 530..., 535 EURO, 5300 (VPS (/5)), 5395 SV(/1)	4	27599 005 1400	75988 023 0200
GV 5305 EURO	4	27599 005 1500	75988 023 0200
GV 540, 5400 HiFi, GV 5400 NIC 560 (HiFi/5), 5695	6	27599 005 1000	75988 002 3100
GV 5400 EURO, 545 EURO, 565 EURO	6	27599 005 1800	75988 002 3100
GV 600..., 605, 6000..., 6001, 6066	2	27599 005 0800	75988 023 0300
GV 609 M	2	75988 034 0600	75988 034 5100 *
GV 6096...	2	27599 005 0800	75988 023 0300
GV 630..., 6300 SV(/1), 6396 VPT	4	27599 005 1400	75988 023 0500
GV 635 EURO, 6300 EURO	4	27599 005 1500	75988 023 0500
GV 640..., 6400 HiFi(/5), 6400 NIC, 6401	6	27599 005 1900	75988 023 0600
GV 645 EURO, 6400 EURO	6	27599 005 2000	75988 023 0600
GV 650, 6596...	6	27599 005 1900	75988 023 0600
GV 660...	7	27599 005 1900	75988 023 0700
GV 665 EURO	7	27599 005 2000	75988 023 0700
GV 670...	6	27599 005 1900	75988 023 0600
GV 690...	7	27599 005 1900	75988 023 0700
GV 709 M, 729 M	2	75988 323 3700	75988 323 3600 *
GV 740...	6	27599 005 2400	75988 023 1000
GV 7000..., GV 7003	2	27599 005 2200	75988 023 0800
GV 7300 EURO, GV 7300 SV/5	4	27599 005 1500	75988 023 0900
GV 7300 SV	4	27599 005 1400	75988 023 0900
GV 7400 EURO	6	27599 005 1500	75988 023 0900
GV 7400 HiFi, GV 7400 NIC	6	27599 005 2400	75988 023 1000
GV 7400 HiFi/5	6	27599 005 2500	75988 023 1000
GV 7497 NIC	6	27599 005 2400	75988 023 1000
GV 819 M	2	75988 323 7000	75988 323 9400
GV 8000 EURO, GV 8000 SV/1	2	27599 005 2200	75988 023 0800
GV 8000 GB	2	27599 005 2300	75988 023 0800
GV 8000 SV/2, GV 8000 SV/5, GV 8050 SV	2	27599 005 2200	75988 023 0800
GV 8300...	4	27599 005 1500	75988 023 0900
GV 8400..., GV 8450 HiFi	6	27599 005 2000	75988 023 1000

* scanner (tape drum assembly) cpl.

Headwheels and Head Cylinders (Part 2)

Type of VCR	Heads	Headwheel Part No.	Head Cylinder Part No.
GV 25 SV/5	2	27599 005 0800	75988 001 3300
GV 26...	2	27599 005 0800	75988 023 0300
GV 27...	2	27599 005 2200	75988 023 0800
GV 45 SV/5	4	27599 005 1200	75988 023 0200
GV 46...	4	27599 005 1400	75988 023 0500
GV 47...	4	27599 005 1400	75988 023 0900
GVP 600 ICN EURO	2	27599 005 0800	75988 001 3300
KV 5001 VPS/5	2	27599 005 0800	75988 001 3300
KV 5301 VPS/5	4	27599 005 1400	75988 023 0200
KV 7001 VPS/5	2	27599 005 2200	75988 023 0800
KV 7301 VPS/5	4	27599 005 1500	75988 023 0900
KV 8001 VPS/5	2	27599 005 2200	75988 023 0800
KV 8301 VPS/5	4	27599 005 1500	75988 023 0900
KV 8401 HiFi/5	6	27599 005 2000	75988 023 1000
MV 4005	2	27599 005 0000	75988 001 3300
MV 4105	3	27599 005 0100	75988 002 2900
MV 6001 SV	2	27599 005 0800	75988 023 0300
SE 2100 VPS	2	47226 020 0100	47226 043 5000
SE 2120 VPT	3	47226 021 0200	47226 041 5300
SE 4100 VPS, SE 4104 SV	2	27599 005 0000	75988 001 3300
SE 4120 SV	3	27599 005 0100	75988 002 2900
SE 5102 SV	2	27599 005 0800	75988 001 3300
SE 5104 SV	4	27599 005 1400	75988 023 0200
SE 5106 HiFi	6	27599 005 1000	75988 002 3100
SE 5110 VPS	2	47226 020 0100	47226 043 5000
SE 5140 VPS	4	47226 022 0100	47226 042 0000
SE 6102 SV	2	27599 005 0800	75988 023 0300
SE 6104 VPT	4	27599 005 1400	75988 023 0500
SE 6106 HiFi	6	27599 005 1900	75988 023 0600
SE 6110 VT	2	47226 020 0100	47226 043 5000
SE 6160 VPT	6	75986 210 0800	75986 210 0700
SE 7100 SV	2	27599 005 2200	75988 023 0800
SE 7104	4	27599 005 1400	75988 023 0900
SE 7105 HiFi, SE 7106 HiFi	6	27599 005 2400	75988 023 1000
SE 7120 VPT	3	75986 209 1900	75986 209 1800
SE 8100 SV	2	27599 005 2200	75988 023 0800
SE 8105 HiFi	6	27599 005 2000	75988 023 1000
SE 9100 VPS	2	47226 020 0100	47226 043 5000
SE 9120 VPT	3	75986 209 1900	75986 209 1800

Headwheels and Head Cylinders (Part 3)

Type of VCR	Heads	Headwheel/Head Cylinder Part No.
GV 29 EURO	2	27599 005 3100
GV 29 VPS	2	27599 005 3100
GV 29 VPS/5	2	27599 005 3000
GV 94 HiFi	6	27599 005 3800
GV 94 NIC	6	27599 005 3800
GV 900 SV/1	2	75988 046 0300
GV 900 SV/2	2	75988 046 0300
GV 920 HiFi	6	75988 046 4300
GV 940 EURO	6	75988 046 5000
GV 940 HiFi	6	75988 046 4300
GV 940 HiFi/5	6	75988 046 4300
GV 940 NIC	6	75988 046 4300
GV 9000	2	27599 005 3100
GV 9000 SV	2	27599 005 3100
GV 9000 SV/5	2	27599 005 3000
GV 9300 EURO	4	27599 005 3300
GV 9300 SV	4	27599 005 3200
GV 9300 SV/5	4	27599 005 3200
GV 9400 EURO	6	75988 046 5000
GV 9400 HiFi	6	75988 046 4300
GV 9400 HiFi/5	6	75988 046 4300
GV 9400 NIC	6	75988 046 4300
SE 9100 SV	2	27599 005 3100
SE 9102 SV	2	75988 046 0300
SE 9105 HiFi	6	75988 046 4300
SE 9106 HiFi/NIC	6	75988 046 4300

Service Manuals Video (Part 1)

VCR	Part No.	Kind of Manual
GV 201-1	72010 519 0000 72010 519 0100	Service Manual Supplement
GV 25 SV/5	72010 519 0000 72010 519 0100	Service Manual Supplement
GV 45 SV/5	72010 519 0000 72010 519 0100	Service Manual Supplement
GV 26	72010 527 2500	Service Manual
GV 26 EURO	72010 527 4000	Service Manual
GV 26 VPS	72010 527 2500	Service Manual
GV 46	72010 527 2500	Service Manual
GV 46 VPS	72010 527 2500	Service Manual
GV 27	72010 530 2500 72010 531 4000 72010 531 4100	Service Manual Training (D) Training (GB)
GV 27 EURO	72010 530 3000 72010 531 4000 72010 531 4100	Service Manual Training (D) Training (GB)
GV 27 VPS	72010 530 2500 72010 531 4000 72010 531 4100	Service Manual Training (D) Training (GB)
GV 47	72010 530 2500 72010 531 4000 72010 531 4100	Service Manual Training (D) Training (GB)
GV 47 VPS	72010 530 2500 72010 531 4000 72010 531 4100	Service Manual Training (D) Training (GB)
GV 500 SV	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 500 SV/1	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 500 GB	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 501 VPT	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 505 EURO	72010 520 9000	Service Manual
GV 506 EURO	72010 520 9000	Service Manual
GV 509 M	72010 518 8000	Service Manual
GV 510 SV	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 511	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 515 EURO	72010 520 9000	Service Manual
GV 530 SV	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 530 SV/1	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 535 EURO	72010 520 9000	Service Manual
GV 540 GB	72010 519 4500	Service Manual
GV 540 HIFI	72010 519 4500	Service Manual
GV 540 NIC	72010 519 4500	Service Manual
GV 545 EURO	72010 521 0000	Service Manual
GV 560 HIFI	72010 519 4500	Service Manual
GV 560 HIFI / LE	72010 519 4500	Service Manual
GV 560 HIFI / 5	72010 519 4500 72010 519 4600	Service Manual Supplement
GV 560 NIC	72010 519 4500	Service Manual
GV 565 EURO	72010 521 0000	Service Manual
GV 5000	72010 519 0000	Service Manual
GV 5000 EURO	72010 519 0500	Service Manual
GV 5000 GB	72010 519 0000	Service Manual
GV 5000 SAA	72010 519 0000 72010 519 0100	Service Manual Supplement
GV 5000 SV	72010 519 0000 72010 519 0200	Service Manual Supplement

Video

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals Video (Part 2)

VCR	Part No.	Kind of Manual
GV 5000 VPS	72010 519 0000	Service Manual
GV 5000 VPS/5	72010 519 0000	Service Manual
GV 5002 VPS	72010 519 0000 72010 519 0100	Service Manual Supplement
GV 5003	72010 519 0000 72010 519 0100	Service Manual Supplement
GV 5008 SV	72010 519 0000 72010 519 0300	Service Manual Supplement
GV 5050	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 5050 SV	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 5050 SV/1	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 5055 EURO	72010 520 9000	Service Manual
GV 5095 SV	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 5095 SV/1	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 5300	72010 519 0000 72010 519 0100	Service Manual Supplement
GV 5300 VPS	72010 519 0000 72010 519 0100	Service Manual Supplement
GV 5300 VPS/5	72010 519 0000	Service Manual
GV 5305 EURO	72010 519 0500	Service Manual
GV 5395 SV	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 5395 SV/1	72010 519 4000 72010 519 4100	Service Manual Supplement
GV 5400 EURO	72010 521 0000	Service Manual
GV 5400 HIFI	72010 519 4500 72010 519 4600	Service Manual Supplement
GV 5400 NIC	72010 519 4500 72010 519 4600	Service Manual Supplement
GV 5695 HIFI	72010 519 4500	Service Manual
GV 600 SV	72010 528 4500	Service Manual
GV 600 SV/1	72010 528 4500	Service Manual
GVP 600 ICN EURO	72010 519 0000 72010 519 0400	Service Manual Supplement
GV 605 EURO	72010 528 5000	Service Manual
GV 609 M	72010 522 1000	Service Manual
GV 630 SV	72010 528 4500	Service Manual
GV 630 SV/1	72010 528 4500	Service Manual
GV 635 EURO	72010 528 5000	Service Manual
GV 640 HIFI	72010 527 3500 72010 527 3800 72010 528 9000 72010 528 9100	Service Manual OIRT Board Training (D) Training (GB)
GV 640 NIC	72010 527 3500 72010 527 3800 72010 528 9000 72010 528 9100	Service Manual OIRT Board Training (D) Training (GB)
GV 645 EURO	72010 527 5000 72010 528 9000 72010 528 9100	Service Manual Training (D) Training (GB)
GV 650 HIFI	72010 527 3500 72010 527 3800 72010 528 9000 72010 528 9100	Service Manual OIRT Board Training (D) Training (GB)
GV 660 HIFI	72010 527 3500 72010 527 3700 72010 527 3800 72010 528 9000 72010 528 9100	Service Manual Supplement OIRT Board Training (D) Training (GB)

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals Video (Part 3)

VCR	Part No.	Kind of Manual
GV 660 NIC	72010 527 3500	Service Manual
	72010 527 3700	Supplement
	72010 527 3800	OIRT Board
	72010 528 9000	Training (D)
	72010 528 9100	Training (GB)
GV 665 EURO	72010 527 5000	Service Manual
	72010 528 9000	Training (D)
	72010 528 9100	Training (GB)
GV 670 S HIFI	72010 527 3500	Service Manual
	72010 527 3600	Supplement
	72010 527 3700	Supplement
	72010 528 9000	Training (D)
	72010 528 9100	Training (GB)
	72010 528 9300	Training (D)
GV 670 S NIC	72010 528 9400	Training (GB)
	72010 527 3500	Service Manual
	72010 527 3600	Supplement
	72010 527 3700	Supplement
	72010 528 9000	Training (D)
	72010 528 9100	Training (GB)
GV 690 S HIFI	72010 528 9300	Training (D)
	72010 528 9400	Training (GB)
	72010 527 3500	Service Manual
	72010 527 3600	Supplement
	72010 527 3700	Supplement
	72010 528 9000	Training (D)
GV 690 S NIC	72010 528 9100	Training (GB)
	72010 528 9300	Training (D)
	72010 528 9400	Training (GB)
	72010 527 3500	Service Manual
	72010 527 3600	Supplement
	72010 527 3700	Supplement
GV 6000 EURO	72010 528 9000	Training (D)
GV 6000 SV	72010 528 9100	Training (GB)
GV 6000 SV/1	72010 528 9300	Training (D)
GV 6001 V+	72010 528 9400	Training (GB)
GV 6066 / Palermo	72010 527 4000	Service Manual
GV 6096 SV / Barcelona	72010 527 2500	Service Manual
GV 6096 SV/1 / Barcelona	72010 527 2500	Service Manual
GV 6300 EURO	72010 527 2600	Supplement
GV 6300 SV	72010 527 2500	Service Manual
GV 6300 SV/1	72010 527 2500	Service Manual
GV 6396 SV / Florenz	72010 527 2500	Service Manual
GV 6400 EURO	72010 527 2600	Supplement
GV 6400 HIFI	72010 527 4500	Service Manual
GV 6400 HIFI/5	72010 527 3000	Service Manual
GV 6400 NIC 1	72010 527 3000	Service Manual
GV 6400 NIC 2	72010 527 3000	Service Manual
GV 6401 NIC	72010 527 3000	Service Manual
GV 6596 HIFI / Madrid	72010 527 3500	Service Manual
	72010 527 3800	OIRT Board
	72010 528 9000	Training (D)
	72010 528 9100	Training (GB)
GV 6596 NIC / Madrid	72010 527 3500	Service Manual
	72010 527 3800	OIRT Board
	72010 528 9000	Training (D)
	72010 528 9100	Training (GB)
GV 709 M	72010 527 5500	Service Manual

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals Video (Part 4)

VCR	Part No.	Kind of Manual
GV 729 M	72010 527 5500	Service Manual
GV 740 HiFi	72010 527 3500	Service Manual
	72010 527 3700	Supplement
	72010 527 3800	OIRT Board
	72010 528 9000	Training (D)
GV 740 NIC	72010 528 9100	Training (GB)
	72010 527 3500	Service Manual
	72010 527 3700	Supplement
	72010 527 3800	OIRT Board
GV 7400 EURO	72010 528 9000	Training (D)
	72010 528 9100	Training (GB)
	72010 530 3000	Service Manual
	72010 531 4000	Training (D)
GV 7000 SV	72010 531 4100	Training (GB)
	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
GV 7000 SV-C	72010 531 4100	Training (GB)
	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
GV 7003	72010 531 4100	Training (GB)
	72010 530 3000	Service Manual
	72010 531 4000	Training (D)
GV 7300 EURO	72010 531 4100	Training (GB)
	72010 530 3000	Service Manual
	72010 531 4000	Training (D)
GV 7300 SV	72010 531 4100	Training (GB)
	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
GV 7300 SV/5	72010 531 4100	Training (GB)
	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
GV 7400 EURO	72010 531 4100	Training (GB)
	72010 530 3000	Service Manual
	72010 531 4000	Training (D)
GV 7400 HiFi	72010 531 4100	Training (GB)
	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
GV 7400 HiFi/5	72010 531 4100	Training (GB)
	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
GV 7400 NIC	72010 531 4100	Training (GB)
	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
GV 7400 NIC2	72010 531 4100	Training (GB)
	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
GV 7497 NIC / Madrid	72010 527 3500	Service Manual
	72010 527 3700	Supplement
	72010 527 3800	OIRT Board
	72010 528 9000	Training (D)
	72010 528 9100	Training (GB)
GV 819 M	72010 534 0000	Service Manual
GV 8000 EURO	72010 530 3000	Service Manual
	72010 530 3100	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8000 GB	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
GV 8000 SV/1	72010 531 4000	Training (GB)
	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals Video (Part 5)

VCR	Part No.	Kind of Manual
GV 8000 SV/2	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8000 SV/5	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8050 SV	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8300 EURO	72010 530 3000	Service Manual
	72010 530 3100	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8300 SV	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8300 SV/5	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8400 EURO	72010 530 3000	Service Manual
	72010 530 3100	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8400 GB	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8400 HiFi	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8400 HiFi/5	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8400 NIC 1	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8400 NIC 2	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 8450 HiFi	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
GV 29 EURO	72010 536 3500	Service Manual
	72010 536 3600	Supplement
GV 29 VPS	72010 535 1500	Service Manual
GV 29 VPS/5	72010 535 1500	Service Manual
GV 94 HiFi	72010 536 8500	Service Manual
GV 94 NIC	72010 536 8500	Service Manual
GV 900 SV/1	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
GV 900 SV/2	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals Video (Part 6)

VCR	Part No.	Kind of Manual
GV 920 HiFi	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
GV 940 EURO	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
GV 940 HiFi	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
GV 940 HiFi/5	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
GV 940 NIC	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
GV 9000	72010 535 1500	Service Manual
	72010 535 1600	Supplement
GV 9000 SV	72010 535 1500	Service Manual
	72010 535 1700	Supplement
GV 9000 SV/5	72010 535 1500	Service Manual
	72010 535 1700	Supplement
GV 9300 EURO	72010 536 3500	Service Manual
	72010 536 3600	Supplement
GV 9300 SV	72010 535 1500	Service Manual
	72010 535 1700	Supplement
GV 9300 SV/5	72010 535 1500	Service Manual
	72010 535 1700	Supplement
GV 9400 EURO	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
GV 9400 HiFi	72010 535 2000	Service Manual
	72010 536 1500	Training (D)
GV 9400 HiFi/5	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
GV 9400 NIC	72010 535 2000	Service Manual
	72010 535 2100	Supplement
	72010 536 1500	Training (D)
KV 5001 VPS/5	72010 519 0000	Service Manual
	72010 519 0100	Supplement
	72010 519 0600	Supplement
KV 5301 VPS/5	72010 519 0000	Service Manual
	72010 519 0100	Supplement
	72010 519 0600	Supplement
KV 7001 VPS/5	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
	72010 531 4100	Training (GB)
KV 7301 VPS/5	72010 530 2500	Service Manual
	72010 531 4000	Training (D)
	72010 531 4100	Training (GB)
KV 8001 VPS/5	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
KV 8301 VPS/5	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
KV 8401 HiFi/5	72010 530 2500	Service Manual
	72010 530 2600	Supplement
	72010 531 4000	Training (D)
	72010 531 4000	Training (GB)
MV 6001 SV	72010 528 9500	Service Manual
SE 5102 SV	72010 519 4000	Service Manual
	72010 519 4100	Supplement

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals Video (Part 7)

VCR	Part No.	Kind of Manual
SE 5104 SV	72010 519 4000 72010 519 4100	Service Manual Supplement
SE 5106 SV	72010 519 4500	Service Manual
SE 6102 SV	72010 527 2500 72010 527 2600	Service Manual Supplement
SE 6104 SV	72010 527 2500 72010 527 2600	Service Manual Supplement
SE 6106 HiFi	72010 527 3500 72010 527 3800 72010 528 9000 72010 528 9100	Service Manual OIRT Board Training (D) Training (GB)
SE 7100 SV / Palermo	72010 530 2500 72010 531 4000 72010 531 4100	Service Manual Training (D) Training (GB)
SE 7104 SV / Florenz	72010 527 2500 72010 527 2600 72010 527 2700	Service Manual Supplement Supplement
SE 7105 HiFi / Sevilla	72010 530 2500 72010 531 4000 72010 531 4100	Service Manual Training (D) Training (GB)
SE 7106 HiFi / Madrid	72010 527 3500 72010 527 3700 72010 527 3800 72010 528 9000 72010 528 9100	Service Manual Supplement OIRT Board Training (D) Training (GB)
SE 8100 SV / Palermo	72010 530 2500 72010 530 2600 72010 531 4000 72010 531 4000	Service Manual Supplement Training (D) Training (GB)
SE 8105 HiFi / Sevilla	72010 530 2500 72010 530 2600 72010 531 4000 72010 531 4000	Service Manual Supplement Training (D) Training (GB)
SE 9100 SV / Palermo	72010 535 1500 72010 535 1600	Service Manual Supplement
SE 9102 SV / Barcelona	72010 535 2000 72010 536 1500	Service Manual Training (D)
SE 9105 HiFi / Sevilla	72010 535 2000 72010 536 1500	Service Manual Supplement
SE 9106 HiFi/NIC / Madrid	72010 535 2000 72010 536 1500	Service Manual Training (D)

Video

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals TVR (Part 1)

TVR	Part No.	Kind of Manual
TVR 3700	72010 517 3000	Service Manual
TVR 3700 FR	72010 517 0500	Service Manual
TVR 3700 GB	72010 517 3000 72010 517 3100	Service Manual Supplement
TVR 3701 SV	72010 524 9500 72010 524 9600 72010 524 9800	Service Manual Supplement Supplement
TVR 3701 SV/FR	72010 525 0000 72010 525 0100 72010 525 0200	Service Manual Supplement Supplement
TVR 3705	72010 524 9500 72010 524 9800	Service Manual Supplement
TVR 3705 FR	72010 525 0000 72010 525 0200	Service Manual Supplement
TVR 3710	72010 524 9500 72010 524 9800	Service Manual Supplement
TVR 3710 FR	72010 525 0000 72010 525 0200	Service Manual Supplement
TVR 3710 GB	72010 524 9500 72010 524 9800	Service Manual Supplement
TVR 3720	72010 524 9500 72010 524 9800	Service Manual Supplement
TVR 3720 GB	72010 524 9500 72010 524 9800	Service Manual Supplement
TVR 3730 Text (Code AA)	72010 524 9500 72010 524 9800 72010 524 9900	Service Manual Supplement Supplement
TVR 3730 Text/FR	72010 525 0000 72010 525 0200 72010 525 0300	Service Manual Supplement Supplement
TVR 3730 Text/GB (Code AA)	72010 524 9500 72010 524 9800 72010 524 9900	Service Manual Supplement Supplement
TVR 3735 FR/TOP	72010 536 6000	Service Manual
TVR 3735/1 TOP	72010 536 6000	Service Manual
TVR 3735/2 TOP	72010 536 6000	Service Manual
TVR 3740 FR/TOP	72010 536 6000	Service Manual
TVR 3740 FT/GB	72010 536 6000	Service Manual
TVR 3740/1 TOP	72010 536 6000	Service Manual
TVR 3740/2 TOP	72010 536 6000	Service Manual
TVR 5100	72010 524 9500 72010 524 9800	Service Manual Supplement
TVR 5100 Text (Code BA)	72010 524 9500 72010 524 9800 72010 524 9900	Service Manual Supplement Supplement
TVR 5100 FR	72010 525 0000 72010 525 0200	Service Manual Supplement
TVR 5100 GB	72010 524 9500 72010 524 9700 72010 524 9800	Service Manual Supplement Supplement
TVR 5120 FR	72010 525 0000 72010 525 0200	Service Manual Supplement
TVR 5130 Text (Code AA)	72010 524 9500 72010 524 9800 72010 524 9900	Service Manual Supplement Supplement
TVR 5130 FR	72010 525 0000 72010 525 0200 72010 525 0300	Service Manual Supplement Supplement
TVR 5130 Text/GB (Code AA)	72010 524 9500 72010 524 9800 72010 524 9900	Service Manual Supplement Supplement
TVR 5500	72010 524 9500 72010 524 9800	Service Manual Supplement
TVR 5500 FR	72010 525 0000 72010 525 0200	Service Manual Supplement

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals TVR (Part 2) and DVD Players

TVR	Part No.	Kind of Manual
TVR 5510	72010 003 0000	Service Manual
	72010 003 0100	Supplement
	72010 003 0200	Supplement
TVR 5530 Text (Code AA)	72010 524 9500	Service Manual
	72010 524 9800	Supplement
	72010 524 9900	Supplement
TVR 5530 text/FR	72010 525 0000	Service Manual
	72010 525 0200	Supplement
	72010 525 0300	Supplement
TVR 5540 FR/TOP	72010 536 6000	Service Manual
TVR 5540 FT/GB	72010 536 6000	Service Manual
TVR 5540/1 TOP	72010 536 6000	Service Manual
TVR 5540/2 TOP	72010 536 6000	Service Manual

CD Player	Part No.	Kind of Manual
GDV 100 D	72010 531 9500	Service Manual
GDV 100 D / 002	72010 531 9600	Service Manual
GDV 110 D	72010 531 9600	Service Manual
	72010 537 2000	Supplement

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

GRUNDIG Tele-Pilot® Remote Control Handsets/Overview Video Product Range



RP 819
75988 323 9000



RP 7
72011 650 0000



RP 150
75988 324 0300



RP 160
75988 010 9100

Video



RP 170
72011 660 0000



RP 500
75988 010 7100



RP 509
75988 232 3100
RP 609
75988 034 0000



RP 540
75988 010 7300

Video



RP 700
72011 713 0000



RP 709/729
75988 323 3100



TP 870 T
29642 061 1300



TP 90 V
72011 713 1000



TVP 762
75988 017 0600



Video Control 1
72011 610 0000

Video Control 1
72011 610 0000

replaces
the following types:

Type	Code
RP 4	205
RP 6	201
RC 6	201
RP 50	205
VP 386	202
VP 615	206
RC 615	206

and variants

Video Remote Control Codes: Video 2000 to VS 960

Type of VCR	VCR Remote Control Code					RC Transmitter	Transmitter RC Code				
	7 Bit	10Bit old 3)	10Bit new	16Bit Level 1	16Bit Level 2		7 Bit	10Bit old 3)	10Bit new	16Bit Level 1	16Bit Level 2
Video 2000	●	-	-	-	-	TPV 355	●	-	-	-	-
Video 2000	●	-	-	-	-	TPV 385	●	-	-	-	-
VS 200 RC	●	1)	-	-	-	VTP 386	●	-	-	-	-
VS 300	●	●	-	-	-	VP 615	●	-	-	-	-
VS 310	●	●	-	-	-	VP 615	●	-	-	-	-
VS 320	●	●	-	-	-	VP 615	●	-	-	-	-
VS 320	●	●	-	-	-	VP 615	●	-	-	-	-
VS 340	●	●	-	-	-	VP 615	●	-	-	-	-
VS 380	●	●	-	-	-	VP 615	●	-	-	-	-
VS 400	-	-	●	-	-	RP 4	-	-	●	-	-
VS 410	-	-	●	-	-	RP 4	-	-	●	-	-
VS 440	-	-	●	-	-	RP 4	-	-	●	-	-
VS 450	-	-	●	-	-	RP 6	-	-	●	-	-
VS 460	-	-	●	-	-	RP 5 LCD	-	-	●	-	-
VS 500	-	-	●	-	-	RP 50	-	-	●	-	-
VS 505	-	-	●	-	-	RP 65 LCD	-	-	●	-	-
VS 510	-	-	●	-	-	RP 65 LCD	-	-	●	-	-
VS 520	-	-	●	-	-	RP 6	-	-	●	-	-
VS 530	-	-	●	-	-	RP 6 LCD	-	-	●	-	-
VS 540	-	-	●	-	-	RP 6 LCD	-	-	●	-	-
VS 550	-	-	●	-	-	RP 70 LCD	-	-	●	-	-
VS 600	-	-	●	●	●	RP 60 LCD	-	-	-	●	-
VS 610	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 620	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 626	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 630	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 640	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 650	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 660	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 680	-	-	●	●	●	RP 80 LCD 2)	-	-	●	●	●
VS 700	-	-	●	●	●	RP 60 LCD	-	-	-	●	-
VS 710	-	-	●	●	●	RP 60 LCD	-	-	-	●	-
VS 720	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 740	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 790	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 800	-	-	●	●	●	RP 60 LCD	-	-	-	●	-
VS 810	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 900	-	-	●	●	●	RP 90 LCD	-	-	●	●	●
VS 901	-	-	●	●	●	RP 95 LCD	-	-	●	●	●
VS 910	-	-	●	●	●	RP 90 LCD	-	-	●	●	●
VS 920	-	-	●	●	●	RP 95 LCD	-	-	●	●	●
VS 930	-	-	●	●	●	RP 75 LCD	-	-	●	●	●
VS 940	-	-	●	●	●	RP 95 LCD	-	-	●	●	●
VS 960	-	-	●	●	●	RP 85 LCD	-	-	●	●	●

- 1) With the VIF-E 30a it is possible to receive the old 10bit code in addition to the 7bit code.
- 2) Changing the RC levels with the slide switch.
- 3) The old 10bit code is exclusively used by earlier RC transmitters with control possibility for video recorders. It is not compatible with the new 10bit code.

Video

Video Remote Control Codes: GV 200 to GV 470

VCR	VCR Remote Control Code				RC Transmitter	Transmitter RC Code			
	RC 5 Code	10Bit new	16Bit Level 1	16Bit Level 2		RC 5 Code	10Bit new	16Bit Level 1	16Bit Level 2
GV 200	-	●	●	●	RP 20	-	-	●	●
GV 201	-	●	●	●	RP 25	-	-	●	●
GV 201-1	●	-	-	-	RP 150	●	-	-	-
GV 210	-	●	●	●	RP 20	-	-	●	●
GV 211	-	●	●	●	RP 20	-	-	●	●
GV 220	-	●	●	●	RP 25	-	-	●	●
GV 230	-	●	●	●	RP 25	-	-	●	●
GV 240	-	●	●	●	RP 25	-	-	●	●
GV 250	-	●	●	●	RP 25	-	-	●	●
GV 280S	-	●	●	●	RP 81	-	●	●	●
GV 400	●	-	-	-	RP 10	●	-	-	-
GV 400 GB	●	-	-	-	RP 13	●	-	-	-
GV 400 OST	●	-	-	-	RT 130	●	-	-	-
GV 400 VPS	-	-	●	●	RP 30	-	-	●	●
GV 401 VPT	-	-	●	●	RP 35	-	-	●	●
GV 402	●	-	-	-	RT 13	●	-	-	-
GV 404 SV	-	-	●	●	RP 30	-	-	●	●
GV 405 EURO	-	-	●	●	RP 30	-	-	●	●
GV 406 EURO	-	-	●	●	RP 33	-	-	●	●
GV 409 M	-	-	-	-	RP 409	-	-	-	-
GV 410	●	-	-	-	RP 10	●	-	-	-
GV 410 VPS	-	-	●	●	RP 30	-	-	●	●
GV 411	-	-	●	●	RP 30	-	-	●	●
GV 411 OST	●	-	-	-	RT 230	●	-	-	-
GV 411-1	●	-	-	-	RT 750/131	●	-	-	-
GV 411-2	●	-	-	-	RT 151	●	-	-	-
GV 412	●	-	-	-	RP 13	●	-	-	-
GV 414 SV	-	-	●	●	RP 30	-	-	●	●
GV 415 EURO	-	-	●	●	RP 30	-	-	●	●
GV 416 EURO	-	-	●	●	RP 33	-	-	●	●
GV 420 VPT	-	-	●	●	RP 35	-	-	●	●
GV 430	●	-	-	-	RP 13	●	-	-	-
GV 430 GB	●	-	-	-	RP 13	●	-	-	-
GV 430 VPS	-	-	●	●	RP 33	-	-	●	●
GV 434 SV	-	-	●	●	RP 33	-	-	●	●
GV 435 EURO	-	-	●	●	RP 33	-	-	●	●
GV 440 NIC	-	●	●	●	RP 30	-	-	●	●
GV 440 VPS	-	●	●	●	RP 30	-	-	●	●
GV 450	-	●	●	●	RP 33	-	-	●	●
GV 450 GB	-	●	●	●	RP 33	-	-	●	●
GV 450 NIC	-	●	●	●	RP 35	-	-	●	●
GV 450 VPT	-	●	●	●	RP 35	-	-	●	●
GV 460 NIC	-	●	●	●	RP 35	-	-	●	●
GV 460 VPT	-	●	●	●	RP 35	-	-	●	●
GV 464 HiFi	-	●	●	●	RP 35	-	-	●	●
GV 464 NIC	-	●	●	●	RP 35	-	-	●	●
GV 465 EURO	-	●	●	●	RP 33	-	-	●	●
GV 469 M	-	-	-	-	RP 469	-	-	-	-
GV 470 PC	-	●	●	●	RP 35	-	-	●	●
GV 470 S VPT	-	●	●	●	RP 35	-	-	●	●

VCR	VCR Remote Control Code				RC Transmitter	Transmitter RC Code			
	RC 5 Code	10Bit new	16Bit Level 1	16Bit Level 2		RC 5 Code	10Bit new	16Bit Level 1	16Bit Level 2
GV 4000 VPS	●	-	-	-	RP 10	●	-	-	-
GV 4010 SV-VPT	-	-	●	●	RP 35	-	-	●	●
GV 4092 SV	-	-	●	●	RP 30	-	-	●	●
GV 4092 VPS	-	-	●	●	RP 30	-	-	●	●
GV 4192 SV	-	-	●	●	RP 30	-	-	●	●
GV 4292 VPT	-	-	●	●	RP 35	-	-	●	●
GV 4592 (SV)VPT	-	●	●	●	RP 35	-	-	●	●
MV 4005	●	-	-	-	RP 10 Minerva	●	-	-	-
MV 4105	●	-	-	-	RP 13 Minerva	●	-	-	-
SE 4100 VPS	-	-	●	●	RP 30	-	-	●	●
SE 4104 SV	-	-	●	●	RP 30	-	-	●	●
SE 4120 SV	-	-	●	●	RP 35	-	-	●	●

Video

Video Remote Control Codes: GV 25 bis GV 6...

VCR	VCR Remote Control Code			RC Transmitter	Transmitter RC Code		
	RC 5 Code	16Bit Level 1	16Bit Level 2		RC 5 Code	16Bit Level 1	16Bit Level 2
GV 25 SV /5	●	-	-	RP 150	●	-	-
GV 26	●	-	-	RP 160	●	-	-
GV 26 EURO	●	-	-	RP 160 F	●	-	-
GV 26 VPS	●	-	-	RP 160	●	-	-
GV 45 SV /5	●	-	-	RP 150	●	-	-
GV 46	●	-	-	RP 160	●	-	-
GV 46 VPS	●	-	-	RP 160	●	-	-
GV 500 GB	-	●	●	RP 500	-	●	●
GV 500 SV	-	●	●	RP 500	-	●	●
GV 500 SV /1	-	●	●	RP 500	-	●	●
GV 501 VPT	-	●	●	RP 500	-	●	●
GV 505 EURO	-	●	●	RP 500	-	●	●
GV 506 EURO	-	●	●	RP 500	-	●	●
GV 509 M	-	-	-	RP 509	-	-	-
GV 510 SV	-	●	●	RP 500	-	●	●
GV 511	-	●	●	RP 500	-	●	●
GV 515 EURO	-	●	●	RP 500	-	●	●
GV 530 SV	-	●	●	RP 500	-	●	●
GV 530 SV /1	-	●	●	RP 500	-	●	●
GV 535 EURO	-	●	●	RP 500	-	●	●
GV 540 GB	-	●	●	RP 540	-	●	●
GV 540 HiFi	-	●	●	RP 540	-	●	●
GV 540 NIC	-	●	●	RP 540	-	●	●
GV 545 EURO	-	●	●	RP 540	-	●	●
GV 560 HiFi	-	●	●	RP 540	-	●	●
GV 560 HiFi /5	-	●	●	RP 540	-	●	●
GV 560 HiFi LE	-	●	●	RP 540	-	●	●
GV 560 NIC	-	●	●	RP 540	-	●	●
GV 565 EURO	-	●	●	RP 540	-	●	●
GV 600 SV	-	●	●	RP 500	-	●	●
GV 600 SV/1	-	●	●	RP 500	-	●	●
GVP 600 ICN EURO	●	-	-	RP 150	●	-	-
GV 605 EURO	-	●	●	RP 500 F	-	●	●
GV 609 M	-	-	-	RP 609 M	-	-	-
GV 630 SV	-	●	●	RP 500	-	●	●
GV 630 SV/1	-	●	●	RP 500	-	●	●
GV 635 EURO	-	●	●	RP 500 F	-	●	●
GV 640 HiFi	-	●	●	RP 500	-	●	●
GV 640 NIC	-	●	●	RP 500	-	●	●
GV 645 EURO	-	●	●	RP 500 F	-	●	●
GV 650 HiFi	-	●	●	RP 540	-	●	●
GV 660 HiFi	-	●	●	RP 540	-	●	●
GV 660 NIC	-	●	●	RP 540	-	●	●
GV 665 EURO	-	●	●	RP 540 F	-	●	●
GV 670 S HiFi	-	●	●	RP 540	-	●	●
GV 670 S NIC	-	●	●	RP 540	-	●	●
GV 690 S HiFi	-	●	●	RP 540	-	●	●
GV 690 S NIC	-	●	●	RP 540	-	●	●
GV 5000	●	-	-	RP 150	●	-	-
GV 5000 EURO	●	-	-	RP 150	●	-	-
GV 5000 GB	●	-	-	RP 150	●	-	-
GV 5000 SAA	●	-	-	RP 150	●	-	-

VCR	VCR Remote Control Code			RC Transmitter	Transmitter RC Code		
	RC 5 Code	16Bit Level 1	16Bit Level 2		RC 5 Code	16Bit Level 1	16Bit Level 2
GV 5000 SV	●	-	-	RP 150	●	-	-
GV 5000 VPS	●	-	-	RP 150	●	-	-
GV 5000 VPS /5	●	-	-	RP 150	●	-	-
GV 5002 VPS	●	-	-	RP 150	●	-	-
GV 5003	●	-	-	RP 150	●	-	-
GV 5008 SV	●	-	-	RP 150	●	-	-
GV 5050	-	●	●	RP 500	-	●	●
GV 5050 SV	-	●	●	RP 500	-	●	●
GV 5050 SV /1	-	●	●	RP 500	-	●	●
GV 5055 EURO	-	●	●	RP 500	-	●	●
GV 5095 SV	-	●	●	RP 500	-	●	●
GV 5095 SV /1	-	●	●	RP 500	-	●	●
GV 5300	●	-	-	RP 150	●	-	-
GV 5300 VPS	●	-	-	RP 150	●	-	-
GV 5300 VPS /5	●	-	-	RP 150	●	-	-
GV 5305 EURO	●	-	-	RP 150	●	-	-
GV 5395 SV	-	●	●	RP 500	-	●	●
GV 5395 SV /1	-	●	●	RP 500	-	●	●
GV 5400 EURO	-	●	●	RP 500	-	●	●
GV 5400 HiFi	-	●	●	RP 540	-	●	●
GV 5400 NIC	-	●	●	RP 540	-	●	●
GV 5695 HiFi	-	●	●	RP 540	-	●	●
GV 6000 EURO	●	-	-	RP 160 F	●	-	-
GV 6000 SV	●	-	-	RP 160	●	-	-
GV 6000 SV/1	●	-	-	RP 160	●	-	-
GV 6001 V+	●	-	-	RP 160	●	-	-
GV 6066	●	-	-	RP 160	●	-	-
GV 6096 SV	-	●	●	RP 500	-	●	●
GV 6096 SV/1	-	●	●	RP 500	-	●	●
GV 6300 EURO	-	●	●	RP 500 F	-	●	●
GV 6300 SV	-	●	●	RP 500	-	●	●
GV 6300 SV/1	-	●	●	RP 500	-	●	●
GV 6396 VPT	-	●	●	RP 540	-	●	●
GV 6400 EURO	●	-	-	RP 160 F	●	-	-
GV 6400 HiFi	●	-	-	RP 160	●	-	-
GV 6400 HiFi/5	●	-	-	RP 160	●	-	-
GV 6400 NIC	●	-	-	RP 160	●	-	-
GV 6401 NIC	●	-	-	RP 160	●	-	-
GV 6596 HiFi	-	●	●	RP 540	-	●	●
GV 6596 NIC	-	●	●	RP 540	-	●	●
MV 6001 SV	●	-	-	RP 160	●	-	-
KV 5001 VPS /5	●	-	-	RP 150	●	-	-
KV 5301 VPS /5	●	-	-	RP 150	●	-	-
SE 5102 SV	-	●	●	RP 500	-	●	●
SE 5104 SV	-	●	●	RP 500	-	●	●
SE 5106 HiFi	-	●	●	RP 540	-	●	●
SE 6102 SV	-	●	●	RP 500	-	●	●
SE 6104 VPT	-	●	●	RP 540	-	●	●
SE 6106 HiFi	-	●	●	RP 540	-	●	●

Video

Video Remote Control Codes: GV 27 to GV 8...

VCR	VCR Remote Control Code			RC Transmitter	Transmitter RC Code		
	RC 5 Code	16Bit Level 1	16Bit Level 2		RC 5 Code	16Bit Level 1	16Bit Level 2
GV 27	●	-	-	RP 170	●	-	-
GV 27 EURO	●	-	-	RP 170 FR	●	-	-
GV 27 VPS/5	●	-	-	RP 170	●	-	-
GV 47	●	-	-	RP 170	●	-	-
GV 47 VPS/5	●	-	-	RP 170	●	-	-
GV 709 M	-	-	-	RP 709/729	-	-	-
GV 729 M	-	-	-	RP 709/729	-	-	-
GV 740 HiFi	-	●	●	RP 500 / RP 7	-	●	●
GV 740 NIC	-	●	●	RP 500 / RP 7	-	●	●
GV 819 M	-	-	-	RP 819	-	-	-
GV 7000 EURO	●	-	-	RP 170 FR	●	-	-
GV 7000 SV	●	-	-	RP 170	●	-	-
GV 7000 SV-C	●	-	-	RP 170	●	-	-
GV 7003	●	-	-	RP 170	●	-	-
GV 7300 EURO	●	-	-	RP 170 FR	●	-	-
GV 7300 SV	●	-	-	RP 170	●	-	-
GV 7300 SV/5	●	-	-	RP 170	●	-	-
GV 7400 EURO	●	-	-	RP 170 FR	●	-	-
GV 7400 HiFi	●	-	-	RP 170	●	-	-
GV 7400 HiFi/5	●	-	-	RP 170	●	-	-
GV 7400 NIC	●	-	-	RP 170	●	-	-
GV 7400 NIC2	●	-	-	RP 170	●	-	-
GV 7497 NIC	-	●	●	RP 500 / RP 7	-	●	●
GV 8000 EURO	●	-	-	RP 700 FR	●	-	-
GV 8000 GB	●	-	-	RP 700	●	-	-
GV 8000 SV/1	●	-	-	RP 700	●	-	-
GV 8000 SV/2	●	-	-	RP 700	●	-	-
GV 8000 SV/5	●	-	-	RP 700	●	-	-
GV 8050 SV	●	-	-	RP 700	●	-	-
GV 8300 EURO	●	-	-	RP 700 FR	●	-	-
GV 8300 SV	●	-	-	RP 700	●	-	-
GV 8300 SV/5	●	-	-	RP 700	●	-	-
GV 8400 EURO	●	-	-	RP 700 FR	●	-	-
GV 8400 GB	●	-	-	RP 700	●	-	-
GV 8400 HiFi	●	-	-	RP 700	●	-	-
GV 8400 HiFi/5	●	-	-	RP 700	●	-	-
GV 8400 NIC 1	●	-	-	RP 700	●	-	-
GV 8400 NIC 2	●	-	-	RP 700	●	-	-
GV 8450 HiFi	●	-	-	RP 700	●	-	-
KV 7001 VPS/5	●	-	-	RP 170	●	-	-
KV 7301 VPS/5	●	-	-	RP 170	●	-	-
KV 8001 VPS/5	●	-	-	RP 700	●	-	-
KV 8301 VPS/5	●	-	-	RP 700	●	-	-
KV 8401 HiFi/5	●	-	-	RP 700	●	-	-
SE 7100 SV	●	-	-	RP 170	●	-	-
SE 7104	-	●	●	RP 500 / RP 7	-	●	●
SE 7105 HiFi	●	-	-	RP 170	●	-	-
SE 7106 HiFi	-	●	●	RP 500 / RP 7	-	●	●
SE 8100 SV / Palermo	●	-	-	RP 700	●	-	-
SE 8105 HiFi / Sevilla	●	-	-	RP 700	●	-	-

Video Remote Control Codes: GV 29 to GV 9...

VCR	VCR Remote Control Code			RC Transmitter	Transmitter RC Code		
	RC 5 Code	16Bit Level 1	16Bit Level 2		RC 5 Code	16Bit Level 1	16Bit Level 2
GV 29 EURO	-	●	●	TP 90 V	-	●	●
GV 29 VPS	-	●	●	TP 90 V	-	●	●
GV 29 VPS/5	-	●	●	TP 90 V	-	●	●
GV 94 HiFi	-	●	●	TP 90 V	-	●	●
GV 94 NIC	-	●	●	TP 90 V	-	●	●
GV 900 SV/1	-	●	●	TP 90 V	-	●	●
GV 900 SV/2	-	●	●	TP 90 V	-	●	●
GV 920 HiFi	-	●	●	TP 90 V	-	●	●
GV 940 EURO	-	●	●	TP 90 V	-	●	●
GV 940 HiFi	-	●	●	TP 90 V	-	●	●
GV 940 HiFi/5	-	●	●	TP 90 V	-	●	●
GV 940 NIC	-	●	●	TP 90 V	-	●	●
GV 9000	-	●	●	TP 90 V	-	●	●
GV 9000 SV	-	●	●	TP 90 V	-	●	●
GV 9000 SV/5	-	●	●	TP 90 V	-	●	●
GV 9300 EURO	-	●	●	TP 90 V	-	●	●
GV 9300 SV	-	●	●	TP 90 V	-	●	●
GV 9300 SV/5	-	●	●	TP 90 V	-	●	●
GV 9400 EURO	-	●	●	TP 90 V	-	●	●
GV 9400 HiFi	-	●	●	TP 90 V	-	●	●
GV 9400 HiFi/5	-	●	●	TP 90 V	-	●	●
GV 9400 NIC	-	●	●	TP 90 V	-	●	●
SE 9100 SV	-	●	●	TP 90 V	-	●	●
SE 9102 SV	-	●	●	TP 90 V	-	●	●
SE 9105 HiFi	-	●	●	TP 90 V	-	●	●
SE 9106 HiFi/NIC	-	●	●	TP 90 V	-	●	●

Video

Continuous Operation and Special Functions: GV 500 to GV 565

Press the "Code" button, enter code number 8501, press "OK" and the function button(s)

Function	Code	GV 500 GB	GV 500 SV	GV 500 SV /1	GV 501 VPT	GV 505 EURO	GV 506 EURO	GV 509 M	GV 510 SV	GV 511	GV 515 EURO	GV 530 SV	GV 530 SV /1	GV 535 EURO	GV 540 GB	GV 540 HiFi	GV 540 NIC	GV 545 EURO	GV 560 HiFi	GV 560 HiFi /5	GV 560 HiFi LE	GV 560 NIC	GV 565 EURO	
		Continuous Recording Prog 1...	8 5 0 1	●	●	●	-	●	●	-	●	-	●	●	●	●	●	●	●	●	●	●	●	●
Continuous Recording AV	8 5 0 1	●	●	●	-	●	●	-	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Continuous Playback	8 5 0 1	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Press the "Code" button, enter code number 85... and press the "OK" button

Video	Function	Code	GV 500 GB	GV 500 SV	GV 500 SV /1	GV 501 VPT	GV 505 EURO	GV 506 EURO	GV 509 M	GV 510 SV	GV 511	GV 515 EURO	GV 530 SV	GV 530 SV /1	GV 535 EURO	GV 540 GB	GV 540 HiFi	GV 540 NIC	GV 545 EURO	GV 560 HiFi	GV 560 HiFi /5	GV 560 HiFi LE	GV 560 NIC	GV 565 EURO
			V-insertion On	8 5 1 0	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●
V-insertion Off	8 5 1 1	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-to-E Mode (AV2 -> AV1) On	8 5 1 3	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-to-E Mode (AV2 -> AV1) Off	8 5 1 4	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Video 1 Control Level	8 5 1 6	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Video 2 Control Level	8 5 1 7	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HF-Modulator Off	8 5 1 8	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HF-Modulator On	8 5 1 9	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DOS 312/312 lines On (for 50Hz)	8 5 4 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
DOS 312/313 lines On (for 100Hz)	8 5 4 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
NICAM Test No	8 5 6 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●
NICAM Test Yes	8 5 6 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●
Piezoelectric Beeper Off	8 5 6 2	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-
Piezoelectric Beeper On	8 5 6 3	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-

Continuous Operation and Special Functions: GV 5000 to GV 5695

Press the "Code" button, enter code number 8501, press the "OK" and function button(s)

Function	Code	GV 5000	GV 5000 EURO	GV 5000 GB	GV 5000 SAA	GV 5000 VPS	GV 5000 VPS /5	GV 5002 VPS	GV 5003	GV 5008 SV	GV 5050	GV 5050 SV	GV 5050 SV /1	GV 5055 EURO	GV 5095 SV	GV 5095 SV /1	GV 5300	GV 5300 VPS	GV 5300 VPS /5	GV 5305 EURO	GV 5395 SV	GV 5395 SV /1	GV 5400 EURO	GV 5400 HiFi	GV 5400 NIC	GV 5695 HiFi
		Continuous Recording Prog 1...	8 5 0 1	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-
Continuous Recording AV	8 5 0 1	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
Continuous Playback	8 5 0 1	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●

Press the "Code" button, enter code number 85... and press the "OK" button

Function	Code	GV 5000	GV 5000 EURO	GV 5000 GB	GV 5000 SAA	GV 5000 VPS	GV 5000 VPS /5	GV 5002 VPS	GV 5003	GV 5008 SV	GV 5050	GV 5050 SV	GV 5050 SV /1	GV 5055 EURO	GV 5095 SV	GV 5095 SV /1	GV 5300	GV 5300 VPS	GV 5300 VPS /5	GV 5305 EURO	GV 5395 SV	GV 5395 SV /1	GV 5400 EURO	GV 5400 HiFi	GV 5400 NIC	GV 5695 HiFi
		V-insertion On	8 5 1 0	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-
V-insertion Off	8 5 1 1	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
E-to-E Mode (AV2 -> AV1) On	8 5 1 3	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
E-to-E Mode (AV2 -> AV1) Off	8 5 1 4	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
Video 1 Control Level	8 5 1 6	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
Video 2 Control Level	8 5 1 7	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
HF-Modulator Off	8 5 1 8	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
HF-Modulator On	8 5 1 9	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
Reception of 10 Bit Code free	8 5 2 6	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
Reception of 10 Bit Code blocked	8 5 2 7	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
Pause V-pulse Adjustment	8 5 2 8	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	●	●	-	-	-	●
DOS 312/312 lines On (for 50Hz)	8 5 4 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●
DOS 312/313 lines On (for 100Hz)	8 5 4 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●
Piezoelectric Beeper Off	8 5 6 2	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	●	●	-	-	-	●
Piezoelectric Beeper On	8 5 6 3	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	●	●	-	-	-	●

Video

Continuous Operation and Special Functions: GV 25, GV 45, KV 5..., SE 51...

Press the "Code" button, enter code number 8501, press the "OK" and function button(s)

Function	Code	GV 25 SV /5	GV 45 SV /5	KV 5001 VPS /5	KV 5301 VPS /5	SE 5102 SV	SE 5104 SV	SE 5106 HIFI
Continuous Recording Prog 1...	8 5 0 1	-	-	-	-	●	●	●
Continuous Recording AV	8 5 0 1	-	-	-	-	●	●	●
Continuous Playback	8 5 0 1	-	-	-	-	●	●	●

Press the "Code" button, enter code number 85... and press the "OK" button

Video

Function	Code	GV 25 SV /5	GV 45 SV /5	KV 5001 VPS /5	KV 5301 VPS /5	SE 5102 SV	SE 5104 SV	SE 5106 HIFI
V-insertion On	8 5 1 0	-	-	-	-	●	●	●
V-insertion Off	8 5 1 1	-	-	-	-	●	●	●
E-to-E Mode (AV2 -> AV1) On	8 5 1 3	-	-	-	-	●	●	●
E-to-E Mode (AV2 -> AV1) Off	8 5 1 4	-	-	-	-	●	●	●
Video 1 Control Level	8 5 1 6	-	-	-	-	●	●	●
Video 2 Control Level	8 5 1 7	-	-	-	-	●	●	●
HF-Modulator Off	8 5 1 8	-	-	-	-	●	●	●
HF-Modulator On	8 5 1 9	-	-	-	-	●	●	●
Pause V-pulse Adjustment	8 5 2 8	-	-	-	-	●	●	-
DOS 312/312 lines On (for 50Hz)	8 5 4 6	-	-	-	-	-	-	●
DOS 312/313 lines On (for 100Hz)	8 5 4 7	-	-	-	-	-	-	●
Piezoelectric Beeper Off	8 5 6 2	-	-	-	-	●	●	●
Piezoelectric Beeper On	8 5 6 3	-	-	-	-	●	●	●

Continuous Operation and Special Functions: GV 600 to GV 690

Press the "Code" button, enter code number 8501, press the "OK" and function button(s)

Function	Code	GV 600 SV	GV 600 SV/1	GV 605 EURO	GV 609 M*	GV 630 SV	GV 630 SV/1	GV 635 EURO	GV 640 HiFi	GV 640 NIC	GV 645 EURO	GV 650 HiFi	GV 660 HiFi	GV 660 NIC	GV 665 EURO	GV 670 S NIC	GV 670 S HiFi	GV 690 S HiFi	GV 690 S NIC
		Continuous Recording Prog 1...	8 5 0 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Continuous Recording AV	8 5 0 1	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Continuous Playback	8 5 0 1	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Press the "Code" button, enter code number 85... and press the "OK" button

Function	Code	GV 600 SV	GV 600 SV/1	GV 605 EURO	GV 609 M	GV 630 SV	GV 630 SV/1	GV 635 EURO	GV 640 HiFi	GV 640 NIC	GV 645 EURO	GV 650 HiFi	GV 660 HiFi	GV 660 NIC	GV 665 EURO	GV 670 S NIC	GV 670 S HiFi	GV 690 S HiFi	GV 690 S NIC
		V-insertion On	8 5 1 0	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●
V-insertion Off	8 5 1 1	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-to-E Mode (AV2 -> AV1) On	8 5 1 3	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-to-E Mode (AV2 -> AV1) Off	8 5 1 4	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Video 1 Control Level	8 5 1 6	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Video 2 Control Level	8 5 1 7	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HF-Modulator Off	8 5 1 8	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HF-Modulator On	8 5 1 9	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Reception of 10 Bit Code free	8 5 2 6	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Reception of 10 Bit Code blocked	8 5 2 7	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DOS 312/312 lines On (for 50Hz)	8 5 4 6	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DOS 312/313 lines On (for 100Hz)	8 5 4 7	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NICAM Test No	8 5 6 0	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	●
NICAM Test Yes	8 5 6 1	-	-	-	-	-	-	-	-	●	-	-	-	●	●	-	-	-	●

Video

Continuous Operation and Special Functions: GV 6000 to GV 6596

Press the "Code" button, enter code number 8501, press the "OK" and function button(s)

Function	Code	GV 6000	EURO	GV 6000	SV	GV 6000	SV/1	GV 6001	V+	GV 6066	GV 6096	SV	GV 6096	SV/1	GV 6300	EURO	GV 6300	SV	GV 6300	SV/1	GV 6396	VPT	GV 6400	EURO	GV 6400	HiFi	GV 6400	HiFi/5	GV 6400	NIC	GV 6401	NIC	GV 6596	HiFi	GV 6596	NIC
		Continuous Recording Prog 1...	8 5 0 1	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●
Continuous Recording AV	8 5 0 1	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
Continuous Playback	8 5 0 1	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-

Press the "Code" button, enter code number 85... and press the "OK" button

Video

Function	Code	GV 6000	EURO	GV 6000	SV	GV 6000	SV/1	GV 6001	V+	GV 6066	GV 6096	SV	GV 6096	SV/1	GV 6300	EURO	GV 6300	SV	GV 6300	SV/1	GV 6396	VPT	GV 6400	EURO	GV 6400	HiFi	GV 6400	HiFi/5	GV 6400	NIC	GV 6401	NIC	GV 6596	HiFi	GV 6596	NIC
		V-insertion On	8 5 1 0	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●
V-insertion Off	8 5 1 1	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
E-to-E Mode (AV2 -> AV1) On	8 5 1 3	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
E-to-E Mode (AV2 -> AV1) Off	8 5 1 4	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
Video 1 Control Level	8 5 1 6	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
Video 2 Control Level	8 5 1 7	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
HF-Modulator Off	8 5 1 8	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
HF-Modulator On	8 5 1 9	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
Reception of 10 Bit Code free	8 5 2 6	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
Reception of 10 Bit Code blocked	8 5 2 7	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
DOS 312/312 lines On (for 50Hz)	8 5 4 6	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
DOS 312/313 lines On (for 100Hz)	8 5 4 7	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
Piezoelectric Beeper Off	8 5 6 2	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-
Piezoelectric Beeper On	8 5 6 3	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-

Continuous Operation and Special Functions: GVP 600, GV 26, GV 46, SE 61...

Press the "Code" button, enter code number 8501, press the "OK" and function button(s)

Function	Code					
		GVP 600	ICN	EURO		
Continuous Recording Prog 1...	8 5 0 1	-	-	-	-	-
Continuous Recording AV	8 5 0 1	-	-	-	-	-
Continuous Playback	8 5 0 1	-	-	-	-	-

Press the "Code" button, enter code number 85... and press the "OK" button

Function	Code					
		GVP 600	ICN	EURO		
V-insertion On	8 5 1 0	-	-	-	-	-
V-insertion Off	8 5 1 1	-	-	-	-	-
E-to-E Mode (AV2 -> AV1) On	8 5 1 3	-	-	-	-	-
E-to-E Mode (AV2 -> AV1) Off	8 5 1 4	-	-	-	-	-
Video 1 Control Level	8 5 1 6	-	-	-	-	-
Video 2 Control Level	8 5 1 7	-	-	-	-	-
HF-Modulator Off	8 5 1 8	-	-	-	-	-
HF-Modulator On	8 5 1 9	-	-	-	-	-
Reception of 10 Bit Code free	8 5 2 6	-	-	-	-	-
Reception of 10 Bit Code blocked	8 5 2 7	-	-	-	-	-
DOS 312/312 lines On (for 50Hz)	8 5 4 6	-	-	-	-	-
DOS 312/313 lines On (for 100Hz)	8 5 4 7	-	-	-	-	-
Piezoelectric Beeper Off	8 5 6 2	-	-	-	-	-
Piezoelectric Beeper On	8 5 6 3	-	-	-	-	-

Video

Continuous Operation and Special Functions: GV 709 to GV 7497

Press the "Code" button, enter code number 8501, press the "OK" and function button(s)

Function	Code	GV 709 M	GV 729 M	GV 740 HiFi	GV 740 NIC	GV 7000 EURO	GV 7000 SV	GV 7000 SV-C	GV 7003	GV 7300 EURO	GV 7300 SV	GV 7300 SV/5	GV 7400 EURO	GV 7400 HiFi	GV 7400 HiFi/5	GV 7400 NIC	GV 7400 NIC2	GV 7497 NIC
Continuous Recording Prog 1...	8 5 0 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Continuous Recording AV	8 5 0 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Continuous Playback	8 5 0 1	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●

Press the "Code" button, enter code number 85... and press the "OK" button

Video

Function	Code	GV 709 M	GV 729 M	GV 740 HiFi	GV 740 NIC	GV 7000 EURO	GV 7000 SV	GV 7000 SV-C	GV 7003	GV 7300 EURO	GV 7300 SV	GV 7300 SV/5	GV 7400 EURO	GV 7400 HiFi	GV 7400 HiFi/5	GV 7400 NIC	GV 7400 NIC2	GV 7497 NIC
V-insertion On	8 5 1 0	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
V-insertion Off	8 5 1 1	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
Switching Voltage at A1 On	8 5 1 3	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
Switching Voltage at A1 Off	8 5 1 4	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
Video 1 Control Level	8 5 1 6	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
Video 2 Control Level	8 5 1 7	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
HF-Modulator Off	8 5 1 8	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
HF-Modulator On	8 5 1 9	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
Reception of 10 Bit Code free	8 5 2 6	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
Reception of 10 Bit Code blocked	8 5 2 7	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
DOS 312/312 lines On (for 50Hz)	8 5 4 6	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●
DOS 312/313 lines On (for 100Hz)	8 5 4 7	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●

**Continuous Operation and Special Functions
GV 27, GV 47, KV 7..., KV 8..., SE 7..., SE 8...**

Press the "Code" button, enter code number 8501, press the "OK" and function button(s)

Function	Code	GV 27	GV 27 EURO	GV 27 VPS/5	GV 47	GV 47 VPS/5	KV 7001 VPS/5	KV 7301 VPS/5	KV 8001 VPS/5	KV 8301 VPS/5	KV 8401 HiFi/5	SE 7100 SV	SE 7104 SV	SE 7105 HiFi	SE 7106 HiFi	SE 8100 SV	SE 8105 HiFi	
Continuous Recording Prog 1...	8 5 0 1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Continuous Recording AV	8 5 0 1	.	.	.	.	.	.	.	.	.	.	.	.	.	●	.	.	.
Continuous Playback	8 5 0 1	.	.	.	.	.	.	.	.	.	.	.	●	.	●	.	.	.

Press the "Code" button, enter code number 85... and press the "OK" button

Function	Code	GV 27	GV 27 EURO	GV 27 VPS/5	GV 47	GV 47 VPS/5	KV 7001 VPS/5	KV 7301 VPS/5	KV 8001 VPS/5	KV 8301 VPS/5	KV 8401 HiFi/5	SE 7100 SV	SE 7104 SV	SE 7105 HiFi	SE 7106 HiFi	SE 8100 SV	SE 8105 HiFi	
V-insertion On	8 5 1 0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
V-insertion Off	8 5 1 1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Switching Voltage at A1 On	8 5 1 3	.	.	.	.	.	.	.	.	.	.	.	●	.	.	.	.	.
Switching Voltage at A1 Off	8 5 1 4	.	.	.	.	.	.	.	.	.	.	.	●	.	.	.	.	.
DOS 312/312 lines On (for 50Hz)	8 5 4 6	.	.	.	.	.	.	.	.	.	.	.	.	.	●	.	.	.
DOS 312/313 lines On (for 100Hz)	8 5 4 7	.	.	.	.	.	.	.	.	.	.	.	.	.	●	.	.	.

Video

Continuous Operation and Special Functions GV 29, GV 8..., GV 9..., SE 9...

GV 29....
GV 94...
GV 819 M
GV 900...
GV 920 HiFi
GV 940....
GV 8000...
GV 8050 SV
GV 8300...
GV 8400...
GV 8450 HiFi
GV 9000...
GV 9300...
GV 9400...
SE 9100 SV
SE 9102 SV
SE 9105 HiFi
SE 9106 HiFi/NIC

None of the usual continuous operation and special functions.

Canceling the Electronic Lock

VS 200 to VS 267

- Switch the video recorder off
- Remove the top of the cabinet
- Unplug the B1 connector on the sequence control
- Switch the recorder on
- After approx. 2 seconds, re-insert the B1 connector
- Switch the video recorder off
- Refit the top of the cabinet

VS 300 to VS 460

- Switch the video recorder off
- Remove the top of the cabinet
- Switch the recorder on
- Interconnect the service test points on the keyboard control unit for a short time
- Press the STOP button
- Switch the video recorder off
- Refit the top of the cabinet

VS 500

- Enter the numbers 4 9 3 4 on the remote control handset in this order and confirm with the button "0000"
- Press the STOP button

VS 505 to VS 510

- Enter the numbers 4 9 3 4 on the remote control handset in this order and confirm with the "OK" button
- Press the STOP button

VS 520 to VS 550

- Switch the video recorder off
- Remove the top of the cabinet
- Switch the recorder on
- Interconnect the service test points on the keyboard control unit for a short time
- Press the STOP button
- Switch the video recorder off
- Refit the top of the cabinet

VS 600 to VS 960

- Enter the numbers 4 9 3 4 on the remote control handset in this order and confirm with the "OK" button
- Press the STOP button

GV 200 to GV 250

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 on the remote control handset in this order and confirm with the "OK" button
- Press the STOP button

GV 201-1

- Press the "STANDBY" button on the remote control handset until "FREE" is indicated on the display of the video recorder

GV 280PC, GV 280S

- Enter the numbers 4 9 3 4 on the remote control handset in this order and confirm with the "OK" button
- Press the STOP button

GV 400, GV 400 GB and GV 400 OST

- With the video recorder switched off (Standby) press the Stop button on the remote control handset until "UNLO" appears on the display of the recorder.

GV 400 VPS and GV 401 VPT

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 402

- With the video recorder switched off (Standby) press the Stop button on the remote control handset until "UNLO" appears on the display of the recorder.

GV 404 SV, GV 405 EURO and GV 406 EURO

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 410

- With the video recorder switched off (Standby) press the Stop button on the remote control handset until "UNLO" appears on the display of the recorder.

GV 410 VPS and GV 411

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 411-1

- Press and hold the "STANDBY" button on the remote control handset (ca. 5 seconds) until "UNLOCKED" appears on the display of the video recorder.

GV 411-2

Without parental lock / electronic lock

GV 411 OST and GV 412

- With the video recorder switched off (Standby) press the Stop button on the remote control handset until "UNLO" appears on the display of the recorder.

GV 414 SV, GV 415 EURO, GV 416 EURO and GV 420 VPT

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 430 and GV 430 GB

- With the video recorder switched off (Standby) press the Stop button on the remote control handset until "UNLO" appears on the display of the recorder.

GV 430 VPS, GV 434 SV and GV 435 EURO

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 440... , GV 450... , GV 460... , GV 464... , GV 465 EURO and GV 470...

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 4000 VPS and GV 4001

- With the video recorder switched off (Standby) press the Stop button on the remote control handset until "UNLO" appears on the display of the recorder.

GV 4003 VPS

- With the video recorder switched off (Standby) press the Stop button on the remote control handset until "FREE" appears on the display of the recorder.

GV 4010 SV-VPT, GV 4092..., GV 4192 VPS, GV 4200 SV-VPT, GV 4400 HiFi, GV 4592...

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

SE 4100 VPS, SE 4104 SV and SE 4120 SV

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

MV 4005 and MV 4105

- With the video recorder switched off (Standby) press the Stop button on the remote control handset until "UNLO" appears on the display of the recorder.

GV 500..., GV 501 VPT, GV 505 EURO and GV 506 EURO

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 509 M

Without child lock / electronic lock

GV 510 SV, GV 511, GV 515 EURO, GV 530..., GV 535 EURO, GV 540..., GV 545 EURO, GV 560... and GV 565 EURO

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 5000, GV 5000 GB, GV 5000 VPS and GV 5000 VPS/5

- Press the "STANDBY" button on the remote control handset until "FREE" is indicated on the display of the video recorder

GV 5000 SAA

- Press the "STANDBY" button on the remote control handset until "UNLOCKED" is indicated on the display of the video recorder

GV 5002 VPS, GV 5003, GV 5008 and GV 5050

- Press the "STANDBY" button on the remote control handset until "FREE" is indicated on the display of the video recorder

GV 5050 SV, GV 5050 SV/1, GV 5055 EURO and GV 5095...

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 5300...

- Press the "STANDBY" button on the remote control handset until "FREE" is indicated on the display of the video recorder

GV 5395... , GV 5400... and GV 5695 HiFi

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 25 SV/5 and GV 45 SV/5

- Press the "STANDBY" button on the remote control handset until "FREE" is indicated on the display of the video recorder

KV 5001 VPS/5 and KV 5301 VPS/5

- Press the "STANDBY" button on the remote control handset until "FREE" is indicated on the display of the video recorder

GV 600, GV 630, GV 640..., GV 645..., GV 650..., GV 660..., GV 665..., GV 670..., GV 690..., GV 6096..., GV 6396..., GV 6596...

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GVP 600 ICN EURO

- Press the "STANDBY" button on the remote control handset until "FREE" is indicated on the display of the video recorder

GV 740..., GV 745 EURO

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 7400...

- Press and hold down the remote control buttons "STANDBY" and "SELECT" simultaneously until the key symbol disappears from the display of the recorder

GV 7497 NIC

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

GV 29..., GV 94..., GV 9000..., GV 9300...

- Select the "AV" programme position on the TV set for playing back a recording
- Switch the video recorder on with the ∇ button
- Call up the main menu with the "i INFO" button
- Select "MODE" with the \triangle ∇ buttons and confirm with the "OK" button
- Select "CHILD LOCK" with the \triangle ∇ buttons
- Select "OFF" with the \odot button and confirm with "OK"

GV 900..., GV 920 HiFi, GV 940..., GV 9400...

- Press the "STANDBY" button on the remote control handset until the key symbol disappears from the display of the recorder

SE 5102 SV, SE 5104 SV, SE 5106 HiFi, SE 6102 SV, SE 6104 SV, SE 6106 HiFi

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

SE 7104 SV

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

SE 7105

- Press the remote control buttons "STANDBY" and "SELECT" simultaneously until the key symbol disappears from the display of the recorder

SE 7106 HiFi

- Press the "CODE" button on the remote control handset
- Enter the numbers 4 9 3 4 in this order and confirm with the "OK" button
- Press the "STANDBY" button or disconnect the video recorder from the mains

SE 9102 SV, SE 9105 HiFi, SE 9106 HiFi/NIC

- Press the "STANDBY" button on the remote control handset until the key symbol disappears from the display

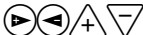
GV 8..., KV 8..., SE 8...

- Press the remote control buttons "STANDBY" and "SELECT" simultaneously until the key symbol disappears from the display of the recorder

TVR 3700

- Press and hold down the Stop button on the remote control handset and press the Play button on the video recorder
- Press the "STANDBY" button or disconnect the video recorder from the mains

TVR 3701, TVR 3705, TVR 3710, TVR 3720, TVR 3730

- Press the cursor buttons on the remote control handset in this order 

TVR 3735..., TVR 3740...

- Enter the numbers 7 0 3 8 in this order on the remote control handset

TVR 4500 and TVR 4510

- Switch the TVR off and disconnect it from the mains
- Remove the rear of the cabinet
- Disconnect the cable and pull the video recorder out of the cabinet towards the back
- Connect the video recorder to the mains and switch it on
- Interconnect the service test points on the keyboard control unit shortly
- Switch the video recorder off and disconnect it from the mains
- Push the video recorder into the cabinet from the back and connect the cable
- Refit the rear of the cabinet

TVR 5100, TVR 5130, TVR 5500

- Press the cursor buttons on the remote control handset in this order 

TVR 5510

- Switch the TVR off and disconnect it from the mains
- Remove the rear of the cabinet
- Disconnect the cable and pull the video recorder out of the cabinet towards the back
- Connect the video recorder to the mains and switch it on
- Interconnect the service test points on the keyboard control unit shortly
- Switch the video recorder off and disconnect it from the mains
- Push the video recorder into the cabinet from the back and connect the cable
- Refit the rear of the cabinet

TVR 5530

- Press the cursor buttons on the remote control handset in this order 

TVR 5540...

- Enter the numbers 7 0 3 8 in this order on the remote control handset

Jigs and Tools for Video Recorders (Part 1)

Designation	Part No.																							
		GV 500 GB	GV 500 SV	GV 500 SV /1	GV 501 VPT	GV 505 EURO	GV 506 EURO	GV 509 M *	GV 510 SV	GV 511	GV 515 EURO	GV 530 SV	GV 530 SV /1	GV 535 EURO	GV 540 GB	GV 540 HiFi	GV 540 NIC	GV 545 EURO	GV 560 HiFi	GV 560 HiFi /5	GV 560 HiFi LE	GV 560 NIC	GV 565 EURO	
Test Cassette	92754 010 1100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adapter	75987 262 7300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tape Tension Adjustm` t handle+Pin	75988 002 2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75987 262 7200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adjustment Screwdriver	75987 262 8000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tentelometer	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Headwheel Extractor	75988 002 3700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Designation	Part No.																						
		GV 5000	GV 5000 EURO	GV 5000 GB	GV 5000 SAA	GV 5000 VPS	GV 5000 VPS /5	GV 5002 VPS	GV 5003	GV 5008 SV	GV 5050	GV 5050 SV	GV 5050 SV /1	GV 5055 EURO	GV 5095 SV	GV 5095 SV /1	GV 5300	GV 5300 VPS	GV 5300 VPS /5	GV 5305 EURO	GV 5395 SV	GV 5395 SV /1	
Test Cassette	92754 010 1100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adapter	75987 262 7300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tape Tension Adjustm` t handle+Pin	75988 002 2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75987 262 7200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adjustment Screwdriver	75987 262 8000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tentelometer	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Headwheel Extractor	75988 002 3700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Designation	Part No.																
		GV 5400 EURO	GV 5400 HiFi	GV 5400 NIC	GV 25 SV /5	GV 45 SV /5	KV 5001 VPS /5	KV 5301 VPS /5	SE 5102 SV	SE 5104 SV	SE 5106 HiFi						
Test Cassette	92754 010 1100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Adapter	75987 262 7300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Tape Tension Adjustm` t handle+Pin	75988 002 2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Torquemeter 600gf-cm	75987 262 7200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Adjustment Screwdriver	75987 262 8000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Tentelometer	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Headwheel Extractor	75988 002 3700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

* see Service Manual page 1-2

Video

Jigs and Tools for Video Recorders (Part 2)

Video

Designation	Part No.	GV 600 SV	GV 600 SV/1	GV 605 EURO	GV 609 M *	GV 630 SV	GV 630 SV/1	GV 635 EURO	GV 640 HiFi	GV 640 NIC	GV 645 EURO	GV 650 HiFi	GV 660 HiFi	GV 660 NIC	GV 665 EURO	GV 670 S NIC	GV 670S HiFi	GV 690 S HiFi	GV 690 S NIC
		Test Cassette	92754 010 1100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adapter	75987 262 7300	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tape Tension Adjustm` t handle+Pin	75988 002 2700	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75987 262 7200	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adjustment Screwdriver	75987 262 8000	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tentelometer	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Headwheel Extractor	75988 002 3700	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S-VHS Adapter Card	75988 039 5500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
S-VHS Adapter Cable	75988 039 5400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●

Designation	Part No.	GV 6000 EURO	GV 6000 SV	GV 6000 SV/1	GV 6001 V+	GV 6066	GV 6096 SV	GV 6096 SV/1	GV 6300 EURO	GV 6300 SV	GV 6300 SV/1	GV 6396 VPT	GV 6400 EURO	GV 6400 HiFi	GV 6400 HiFi/5	GV 6400 NIC	GV 6401 NIC	GV 6596 HiFi	GV 6596 NIC
		Test Cassette	92754 010 1100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adapter	75987 262 7300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tape Tension Adjustm` t handle+Pin	75988 002 2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75987 262 7200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adjustment Screwdriver	75987 262 8000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tentelometer	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Headwheel Extractor	75988 002 3700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Designation	Part No.	GVP 600 ICN EURO	GV 26	GV 26 EURO	GV 26 VPS	GV 46	GV 46 VPS	SE 6102 SV	SE 6104 VPT	SE 6106 HiFi
		Test Cassette	92754 010 1100	●	●	●	●	●	●	●
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●
Adapter	75987 262 7300	●	●	●	●	●	●	●	●	●
Tape Tension Adjustm` t handle+Pin	75988 002 2700	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75987 262 7200	●	●	●	●	●	●	●	●	●
Adjustment Screwdriver	75987 262 8000	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●
Tentelometer	com. available	●	●	●	●	●	●	●	●	●
Headwheel Extractor	75988 002 3700	●	●	●	●	●	●	●	●	●

* see Service Manual page 1-2

Jigs and Tools for Video Recorders (Part 3)

Designation	Part No.																	
		GV 709 M *	GV 729 M *	GV 740 HiFi	GV 740 NiC	GV 7000 EURO	GV 7000 SV	GV 7000 SV-C	GV 7003	GV 7300 EURO	GV 7300 SV	GV 7300 SV/5	GV 7400 EURO	GV 7400 HiFi	GV 7400 HiFi/5	GV 7400 NiC	GV 7400 NiC2	GV 7497 NiC
Test Cassette	92754 010 1100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adapter	75987 262 7300	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tape Tension Adjustm` t handle+Pin	75988 002 2700	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75987 262 7200	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adjustment Screwdriver	75987 262 8000	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tentelometer	com. availalbe	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Headwheel Extractor	75988 002 3700	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Designation	Part No.																	
		GV 819 M *	GV 8000 EURO	GV 8000 GB	GV 8000 SV/1	GV 8000 SV/2	GV 8000 SV/5	GV 8050 SV	GV 8300 EURO	GV 8300 SV	GV 8300 SV/5	GV 8400 EURO	GV 8400 GB	GV 8400 HiFi	GV 8400 HiFi/5	GV 8400 NiC 1	GV 8400 NiC 2	GV 8450 HiFi
Test Cassette	92754 010 1100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adapter	75987 262 7300	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tape Tension Adjustm` t handle+Pin	75988 002 2700	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75987 262 7200	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adjustment Screwdriver	75987 262 8000	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tentelometer	com. available	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Headwheel Extractor	75988 002 3700	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Designation	Part No.																
		GV 27	GV 27 EURO	GV 27 VPS/5	GV 47	GV 47 VPS/5	KV 7001 VPS/5	KV 7301 VPS/5	KV 8001 VPS/5	KV 8301 VPS/5	KV 8401 HiFi/5	SE 7100 SV	SE 7104 SV	SE 7105 HiFi	SE 7106 HiFi	SE 8100 SV	SE 8105 HiFi
Test Cassette	92754 010 1100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adapter	75987 262 7300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tape Tension Adjustm` t handle+Pin	75988 002 2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75987 262 7200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adjustment Screwdriver	75987 262 8000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tentelometer	com. available	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Headwheel Extractor	75988 002 3700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

* see Service Manual page 1-2

Video

Jigs and Tools for Video Recorders (Part 4)

Designation	Part No.	GV 29...	GV 94...	GV 900...	GV 920 HiFi	GV 940...	GV 9000...	GV 9300...	GV 9400...	SE 9100 SV	SE 9102 SV	SE 9105 HiFi	SE 9106 HiFi/NIC
Test Cassette	92754 010 1600	●	●	●	●	●	●	●	●	●	●	●	●
Torque Cassette Meter	75988 047 1200	●	●	●	●	●	●	●	●	●	●	●	●
Torquemeter 600gf-cm	75981 311 3200	●	●	●	●	●	●	●	●	●	●	●	●
X-value Adjustment Tool	75988 047 1100	-	-	●	●	●	-	-	●	-	●	●	●
Tension Gauge	com. available	-	-	●	●	●	-	-	●	-	●	●	●
Screwdriver (slotted)	com. available	●	●	●	●	●	●	●	●	●	●	●	●
Nylon Gloves	com. available	●	●	●	●	●	●	●	●	●	●	●	●
Torque Screwdriver	com. available	●	●	●	●	●	●	●	●	●	●	●	●
Hexagon Box Wrench 5.5mm	com. available	-	-	●	●	●	-	-	●	-	●	●	●
Slide Gauge	com. available	●	●	●	●	●	●	●	●	●	●	●	●

Video

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Modulators and Power Supply Units

Camcorder	Modulator	Part Number	Power Supply	Part Number
VS-C 20	–	–	NA 50	75987 430 0400
VS-C 30	–	–	NA 50	75987 430 0400
VS-C 35	M 45	75987 482 8200	NA 75 A	75987 579 7000
VS-C 40	M 60	sold out	NA 60	75987 457 0300
VS-C 45	M 45	75987 482 8200	NA 80	75987 513 0900
VS-C 46	M 45	75987 482 8200	NA 75	75987 550 6000
VS-C 50	M 50	75987 430 0500	NA 50	75987 430 0400
VS-C 55	M 45	75987 482 8200	NA 75	75987 550 6000
VS-C 60	M 60	sold out	NA 60	75987 457 0300
VS-C 70	M 60	sold out	NA 80	75987 513 0900
S-VS-C 75	M 45	75987 482 8200	NA 75	75987 550 6000
S-VS-C 80	M 60	sold out	NA 80	75987 513 0900
S-VS-C 85	M 45	75987 482 8200	NA 80	75987 513 0900
VS 120	in Tuner/Timer	–	NA 120	75987 331 9100
VS 150	M 150	sold out	NA 150	75987 356 3800
VS 160	in Power Supply	–	NA 160	75987 249 7200
VS 170	in Power Supply	–	NA 170	75907 710 5100
S-VS 180	in Power Supply	–	NA 170	75907 710 5100
VS 4-8	in VS 4-8	–	NA 8	75987 527 8800
VS 8000	M 8	75987 527 8900	NA 8	75987 527 8800
VS 8100	M 81	75987 553 1100	NA 8-1	75987 553 1000
VS 8150	M 81	75987 553 1100	NA 8-1 A	75987 580 4000
VS 8250	M 81	75987 553 1100	NA 8-2	75987 580 1400
VS 8300	M 8	75987 527 8900	NA 8	75987 527 8800
VS 8320	M 81	75987 553 1100	NA 8	75987 527 8800
VS 8500	M 81	75987 553 1100	NA 8	75987 527 8800
VS 8800	M 81	75987 553 1100	NA 8-1	75987 553 1000
LC 125 C	M 45	75987 482 8200	NA 75	75987 550 6000
LC 145 E	M 81	75987 553 1100	NA 8	75987 527 8800
LC 175 HE	M 81	75987 553 1100	NA 8-1 A	75987 580 4000
LC 180 HE	M 81	75987 553 1100	NA 8	75987 527 8800
LC 210 C	M 45	75987 482 8200	NA 75 B	75981 277 9800
LC 215C	M 45	75987 482 8200	NA 75 B	75981 277 9800
LC 225C	M 45	75987 482 8200	NA 75 B	75981 277 9800
LC 230 E	M 81	75987 553 1100	NA 8-2	75987 580 1400
LC 232 E	M 81	75987 553 1100	NA 8-1	75987 553 1000
LC 235 E	M 81	75987 553 1100	NA 8-1	75987 553 1000
LC 240 E	M 81	75987 553 1100	NA 8-3	75981 281 5100
LC 255 SC	M 45	75987 482 8200	NA 75 A	75987 579 7000
LC 280 HE	M 81	75987 553 1100	NA 8-4	75981 293 4000
LC 285 HE	M 81	75987 553 1100	NA 8	75987 527 8800
LC 290 N	M 45	75987 482 8200	NA 190 A	75981 281 3000
LC 295 SN	M 45	75987 482 8200	NA 190 A	75981 281 3000
LC 310 C	M 45	75987 482 8200	NA 85	75981 295 9600
LC 320 C	M 45	75987 482 8200	NA 90	75981 304 2700
LC 330 E	M 81	75987 553 1100	NA 8-3	75981 281 5100
LC 335 E	M 81	75987 553 1100	NA 8-3	75981 281 5100
LC 345 E	M 81	75987 553 1100	NA 8-3	75981 281 5100
LC 355 SC	M 45	75987 482 8200	NA 90	75981 304 2700
LC 360 SC	M 45	75987 482 8200	NA 85	75981 295 9600
LC 375 HE	M 81	75987 553 1100	NA 8-1	75987 553 1000
LC 380 HE	M 81	75987 553 1100	NA 8-4	75981 293 4000

Camcorder	Modulator	Part Number	Power Supply	Part Number
LC 400 C	M 45	75987 482 8200	NA 95	75981 320 2700
LC 410 C	M 45	75987 482 8200	NA 95	75981 320 2700
LC 435 E	M 81	75987 553 1100	NA 8-3 *	75981 281 5100
LC 445 E	M 81	75987 553 1100	NA 8-3 *	75981 281 5100
LC 450 SC	M 45	75987 482 8200	NA 96	75981 332 6400
LC 460 SC	M 45	75987 482 8200	NA 96	75981 332 6400
LC 475 HE	M 81	75987 553 1100	NA 8-3 *	75981 281 5100
LC 485 HE	M 81	75987 553 1100	NA 8-1	75987 553 1000
LC 500 C	M 45	75987 482 8200	NA 96	75981 332 6400
LC 535 E	M 81	75987 553 1100	NA-L 1	75981 335 1200
LC 550 SC	M 45	75987 482 8200	NA 96	75981 332 6400
LC 560 SC	M 45	75987 482 8200	NA 96	75981 332 6400
LC 575 E	M 81	75987 553 1100	NA-L 1	75981 335 1200
LC 600 C	M 45	75987 482 8200	NA 96	75981 332 6400
LC 610 C	M 45	75987 482 8200	NA 96	75981 332 6400
LC 635 E	M 81	75987 553 1100	NA 8-5	75981 345 0600
LC 645 E	M 81	75987 553 1100	NA 8-5	75981 345 0600
LC 650 SC	–	–	NA 96	75981 332 6400
LC 675 HE	M 81	75987 553 1100	NA 8-6	75981 353 4800
LC 685 HE	M 81	75987 553 1100	NA 8-6	75981 353 4800
LC 695 SN	M 45	75987 482 8200	NA 190B	75981 348 9000
LC 700 C	M 45	75987 482 8200	NA 96	75981 332 6400
LC 735 E	M 81	75987 553 1100	NA 8-7	75981 355 0400
LC 750 SC	–	–	NA 96	75981 332 6400
LC 760 SC	–	–	NA 96	75981 332 6400
LC 775 HE	M 81	75987 553 1100	NA 8-72	75981 354 6400
LC 785 HE	M 81	75987 553 1100	NA 8-71	75981 354 0200
LC 800 C	–	–	NA 97	75981 361 7600
LC 835 E	M 81	75987 553 1100	NA-L 98	75981 365 1000
LC 875 HE	M 81	75987 553 1100	NA-L 98	75981 365 1000
LC 885 HE	M 81	75987 553 1100	NA-L 98	75981 365 1000
LC 900 C	M 81	75987 553 1100	NA-L 98	75981 365 1000
LC 935 E	M 81	75987 553 1100	NA-L 98	75981 365 1000
LC 975 HE	M 81	75987 553 1100	NA-L 98	75981 365 1000
LC-D 80 E	M 81	75987 553 1100	NA-L 1	75981 335 1200
LC-D 100 E	M 81	75987 553 1100	NA-L 2	75981 338 0700
LC-D 200 HE	M 81	75987 553 1100	NA-L 98	75981 365 1000
LC-D 300 HE	M 81	75987 553 1100	NA-L 98	75981 365 1000
DLC 1	–	–	NA-D 1	75981 358 0000
DLC 10	–	–	NA-D 10	75981 368 4500
DLC 20	–	–	NA-L 11	75981 369 8000

* is optionally replaced by NA-L 1

Accumulators

Camcorder	Incl.	Data	Part Number	Optional 2nd Accumulator
VS-C 20	BP 20	9.6V/450mAh	75987 447 0800	BP 21, BP 60, BP 80
VS-C 30	BP 20	9.6V/450mAh	75987 447 0800	BP 21, BP 60, BP 80
VS-C 35	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
VS-C 40	BP 60	9.6V/1100mAh	75987 457 0200	BP 21, BP 60, BP 80
VS-C 45	BP 60	9.6V/1100mAh	75987 457 0200	BP 21, BP 60, BP 80
VS-C 46	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
VS-C 50	BP 51	9.6V/1100mAh	75987 430 0700	BP 21, BP 51, BP 52, BP 60, BP 80
VS-C 55	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
VS-C 60	BP 60	9.6V/1100mAh	75987 457 0200	BP 21, BP 60, BP 80
VS-C 70	BP 60	9.6V/1100mAh	75987 457 0200	BP 21, BP 60, BP 80
S-VS-C 75	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
S-VS-C 80	BP 80	9.6V/1400mAh	75987 513 0700	BP 21, BP 60, BP 80
S-VS-C 85	BP 80	9.6V/1400mAh	75987 513 0700	BP 21, BP 60, BP 80
VS 120	BP 121	12V/1000mAh	replacement BP 122	BP 121, BP 122, BP 123
VS 150	BP 151	12V/800mAh	75987 356 6000	BP 151, BP 152
VS 160	BP 122	12V/2000mAh	75987 331 9200	BP 121, BP 122, BP 123
VS 170	BP 122	12V/2000mAh	75987 331 9200	BP 121, BP 122, BP 123
S-VS 180	BP 122	12V/2000mAh	75987 331 9200	BP 121, BP 122, BP 123
VS 4-8	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
VS 8000	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
VS 8100	BP 8-4	6V/1400mAh	75987 553 2200	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
VS 8150	BP 8-4	6V/1400mAh	75987 553 2200	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
VS 8250	BP 8-4	6V/1400mAh	75987 553 2200	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
VS 8300	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
VS 8320	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
VS 8500	BP 8-2	6V/2000mAh	75987 525 8300	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
VS 8800	BP 8-5	6V/1800mAh	replacement BP 8-3	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 125 C	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
LC 145 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 175 HE	BP 8-5	6V/1800mAh	replacement BP 8-3	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 180 HE	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 210 C	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
LC 215 C	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
LC 225 C	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
LC 230 E	BP 8-4	6V/1400mAh	75987 553 2200	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 232 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 235 E	BP 8-6	6V/1200mAh	75981 283 9500	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 240 E	BP 8-6	6V/1200mAh	75981 283 9500	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 255 SC	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
LC 280 HE	BPL 8-7	7.2V/1000mAh	75981 291 7800	BPL 8-4, BPL 8-7
LC 285 HE	BP 8-6	6V/1200mAh	75981 283 9500	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 290 N	BP 124	12V/2000mAh	75913 210 0000	BP 124
LC 295 SN	BP 124	12V/2000mAh	75913 210 0000	BP 124
LC 310 C	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70
LC 320 C	BP 75	4.8V/1300mAh	75981 304 2600	BP 74, BP 75, BP 85
LC 330 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 335 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 345 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 355 SC	BP 75	4.8V/1300mAh	75981 304 2600	BP 74, BP 75, BP 85
LC 360 SC	BP 65	6V/1200mAh	75987 568 8700	BP 65, BP 70 *
LC 375 HE	BP 8-6	6V/1200mAh	75981 283 9500	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 380 HE	BPL 8-7	7.2V/1000mAh	75981 291 7800	BPL 8-4, BPL 8-7

Camcorder	Incl.	Data	Part Number	Optional 2nd Accumulator
LC 400 C	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 410 C	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 435 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 445 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 450 SC	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 460 SC	BP 75	4.8V/1300mAh	75981 304 2600	BP 74, BP 75, BP 85
LC 475 HE	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 485 HE	BP 8-6	6V/1200mAh	75981 283 9500	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 500 C	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 535 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 550 SC	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 560 SC	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 575 E	BP 8-1	6V/1000mAh	75987 527 9000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 600 C	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 610 C	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 635 E	BP 8-8	6V/800mAh	75981 352 5000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 645 E	BP 8-8	6V/800mAh	75981 352 5000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 650 SC	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 675 HE	BPL 8-8	7.2V/1350mAh	75981 353 4900	BPL 8-8, BPL 8-10, BPL 8-12
LC 685 HE	BPL 8-8	7.2V/1350mAh	75981 353 4900	BPL 8-8, BPL 8-10, BPL 8-12
LC 695 SN	BP 124	12V/2000mAh	75913 210 0000	BP 124
LC 700 C	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 735 E	BP 8-8	6V/800mAh	75981 352 5000	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC 750 SC	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 760 SC	BP 74	4.8V/1200mAh	75981 320 2600	BP 74, BP 75, BP 85
LC 775 HE	BPL 8-10	7.2V/700mAh	75981 354 6500	BPL 8-8, BPL 8-10, BPL 8-12
LC 785 HE	BPL 8-8	7.2V/1350mAh	75981 353 4900	BPL 8-8, BPL 8-10, BPL 8-12
LC 800 C	BP 74	4.8V/1200mAh	75981 358 0300	BP 74, BP 75, BP 85
LC 835 E	BPL8-10	7.2V/700mAh	75981 354 6500	BPL 8-8, BPL 8-10, BPL 8-12
LC 875 HE	BPL8-10	7.2V/700mAh	75981 354 6500	BPL 8-8, BPL 8-10, BPL 8-12
LC 885 HE	BPL8-10	7.2V/700mAh	75981 354 6500	BPL 8-8, BPL 8-10, BPL 8-12
LC 900 C	BPL 99	7.2V/1300mAh	75981 371 0900	BPL 99
LC 935 E	BPL8-10	7.2V/700mAh	75981 354 6500	BPL 8-8, BPL 8-10, BPL 8-12
LC 975 HE	BPL 8-10	7.2V/700mAh	75981 354 6500	BPL 8-8, BPL 8-10, BPL 8-12
LC-D 80 E	BP 8-4	6V/1400mAh	75987 553 2200	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC-D 100 E	BP 8-4	6V/1400mAh	75987 553 2200	BP 8-1, BP 8-2, BP 8-3, BP 8-4, BP 8-5, BP 8-6
LC-D 200 HE	BPL8-10	7.2V/700mAh	75981 354 6500	BPL 8-8, BPL 8-10, BPL 8-12
LC-D 300 HE	BPL 8-10	7.2V/700mAh	75981 356 5200	BPL 8-8, BPL 8-10, BPL 8-12
DLC 1	BPL 97	7.2V/1255mAh	75981 358 0100	BPL 97
DLC 10	BPL 98	7.2V/800mAh	75981 368 4700	BPL 98
DLC 20	BPL 98	7.2V/800mAh	75981 368 4700	BPL 98

Extra accessory: BP 8-3	6V/2400mAh	75909 310 0000
Extra accessory: BP 52	9.6V/1400mAh	75987 430 1200
Extra accessory: BP 70	6V/2400mAh	75909 610 0000
Extra accessory: BP 85	4.8V/2600mAh	75913 510 0000
Extra accessory: BP 123	12V/2300mAh	75909 710 0000
Extra accessory: BPL 8-4	7.2V/1200mAh	75981 291 7800
Extra accessory: BPL 8-12	7.2V/1500mAh	75981 356 5200

*When using the BP 70 accumulator the battery compartment of LC 360 SC cannot be closed completely.

Back-up Batteries and Remote Control Transmitters

Camcorder	Back-up Battery	RC Transmitter	Part Number	Transmitter Battery
VS-C 20	-	-	-	-
VS-C 30	-	-	-	-
VS-C 35	CR 2032	-	-	-
VS-C 40	LR 1130	-	-	-
VS-C 45	LR 1130	-	-	-
VS-C 46	CR 2032	-	-	-
VS-C 50	-	-	-	-
VS-C 55	CR 2032	-	-	-
VS-C 60	LR 1130	-	-	-
VS-C 70	LR 1130	-	-	-
S-VS-C 75	CR 2032	-	-	-
S-VS-C 80	LR 1130	-	-	-
S-VS-C 85	CR 2032	-	-	-
VS 150	-	-	-	-
VS 160	3 x Micro (AAA)	-	-	-
VS 170	LR 1130	-	-	-
S-VS 180	LR 1130	-	-	-
VS 8000	CR 2025	-	-	-
VS 8100	CR 2025	-	-	-
VS 8150	CR 2025	RC 8-2	75987 580 0200	2 x Mignon
VS 8250	CR 2025	RC 8-2	75987 580 0200	2 x Mignon
VS 8300	CR 2025	-	-	-
VS 8320	CR 2025	-	-	-
VS 8500	CR 2025	-	-	-
VS 8800	CR 2025	RC 8-1	75987 559 0200	2 x Mignon
LC 125 C	CR 2032	-	-	-
LC 145 E	CR 2025	RC 8-4	75981 273 0100	2 x Mignon
LC 175 HE	CR 2025	RC 8-3	75987 585 0700	2 x Mignon
LC 180 HE	CR 2025	RC 8-5	75981 271 1900	2 x Mignon
LC 210 C	CR 2032	-	-	-
LC 215 C	CR 2032	-	-	-
LC 225 C	CR 2032	-	-	-
LC 230 E	CR 2025	RC 8-6	75987 585 0700	CR 2025
LC 232 E	CR 2025	-	-	-
LC 235 E	CR 2025	RC 8-4	75981 273 0100	2 x Mignon
LC 240 E	CR 2025	RC 8-7	75981 282 1500	2 x Mignon
LC 255 SC	CR 2032	-	-	-
LC 280 HE	CR 2025	RC 8-9	75981 291 6600	CR 2025
LC 285 HE	CR 2025	RC 8-8	75981 284 1000	CR 2025
LC 290 N	Lithium battery *	-	-	-
LC 295 SN	Lithium battery *	-	-	-
LC 310 C	CR 2032	-	-	-
LC 320 C	CR 2032	-	-	-
LC 330 E	CR 2025	-	-	-
LC 335 E	CR 2025	RC 8-4	75981 273 0100	2 x Mignon
LC 345 E	CR 2025	RC 8-4	75981 273 0100	2 x Mignon
LC 355 SC	CR 2032	-	-	-
LC 360 SC	Lithium battery *	-	-	-
LC 375 HE	CR 2025	RC 8-7	75981 282 1500	2 x Mignon
LC 380 HE	CR 2025	RC 8-9	75981 291 6600	CR 2025

Camcorder

Camcorder	Back-up Battery	RC Transmitter	Part Number	Transmitter Battery
LC 400 C	Lithium battery *	–	–	–
LC 410 C	Lithium battery *	–	–	–
LC 435 E	CR 2025	–	–	–
LC 445 E	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC 450 SC	Lithium battery *	–	–	–
LC 460 SC	Lithium battery *	–	–	–
LC 475 HE	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC 485 HE	CR 2025	RC 8-10	75981 322 0700	2 x Mignon
LC 500 C	Lithium battery *	–	–	–
LC 535 E	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC 550 SC	VL 2020 *	RC 500	75981 342 3800	CR 2025
LC 560 SC	VL 2330 *	RC 500	75981 342 3800	CR 2025
LC 575 E	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC 600 C	VL 2330/1HF *	–	–	–
LC 610 C	VL 2020/1HF *	RC 500	75981 342 3800	CR 2025
LC 635 E	CR 2025	–	–	–
LC 645 E	CR 2025	RC 6E	75981 346 0400	2 x Mignon
LC 650 SC	VL 2330/1HF *	RC 500	75981 342 3800	CR 2025
LC 675 HE	CR 2025	–	–	–
LC 685 HE	CR 2025	RC 6HE	75981 351 0500	2 x Mignon
LC 695 SN	VL 2020 *	–	–	–
LC 700 C	VL 2330/1HF *	–	–	–
LC 735 E	CR 2025	RC 6E	75981 346 0400	2 x Mignon
LC 750 SC	VL 2020/1HF *	RC 500	75981 342 3800	CR 2025
LC 760 SC	VL 2020/1HF *	RC 500	75981 342 3800	CR 2025
LC 775 HE	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC 785 HE	CR 2025	RC 6HE	75981 351 0500	2 x Mignon
LC 800 C	ML 2020 *	–	–	–
LC 835 E	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC 875 HE	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC 885 HE	CR 2025	RC 6HE	75981 351 0500	2 x Mignon
LC 900 C	ML 2020 *	–	–	–
LC 935 E	CR 2025	–	–	–
LC 975 HE	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC-D 80 E	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC-D 100 E	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC-D 200 HE	CR 2025	RC 8-11	75981 328 0500	2 x Mignon
LC-D 300 HE	CR 2025	RC 8-11	75981 373 1200	2 x Mignon
DLC 1	VL 2020/1HF *	RC 700	75981 357 4300	CR 2025
DLC 10	VL 2020/1HF *	RC 10	75981 368 2200	CR 2025
DLC 20	VSB0407 *	TP 70 V	75981 369 8600	2 x Mignon

* Soldered into the camcorder

Camcorder

Sockets and Filter Threads

Camcorder

Camcorder	Signal		S-Video	Video				Audio (Mono)		Audio (Stereo)		RC (REC)	RC (REC/PB)	Edit Bus	New Edit Bus	Control-L Bus	Microphone (Mono)		Microphone (Stereo)		Earphones	VTC	CHG	Filter Thread	
	Socket	IEEE 1394 Jack		Digital Video	Digital Video	BNC	1 x Cinch	8-pin Movie	4-pin Jack	8-pin Movie	8-pin Movie						4-pin Jack	1 x Cinch	2 x Cinch	2.5mm Jack					3.5mm Jack	2.5mm Jack	3.5mm Jack	10-pin Socket	10-pin Socket
VS-C 20																								-	
VS-C 30																									49 mm
VS-C 35																									43 mm
VS-C 40																									49 mm
VS-C 45																									49 mm
VS-C 46																									43 mm
VS-C 50																									49 mm
VS-C 55																									27 mm
VS-C 60																									49 mm
VS-C 70																									49 mm
S-VS-C 75																									43 mm
S-VS-C 80																									49 mm
S-VS-C 85																									49 mm
VS 120																									-
VS 150																									46 mm
VS 160																									49 mm
VS 170																									49 mm
S-VS 180																									55 mm
VS 4-8																									-
VS 8000																									46 mm
VS 8100																									46 mm
VS 8150																									46 mm
VS 8250																									46 mm
VS 8300																									46 mm
VS 8320																									37/46 mm
VS 8500																									52 mm
VS 8800																									46 mm
LC 125 C																									37 mm
LC 145 E																									37 mm
LC 175 HE																									46 mm
LC 180 HE																									37 mm
LC 210 C																									49 mm
LC 215 C																									49 mm
LC 225 C																									37 mm
LC 230 E																									46 mm
LC 232 E																									37 mm
LC 235 E																									37 mm
LC 240 E																									37 mm
LC 255 SC																									37 mm
LC 280 HE																									37 mm
LC 285 HE																									52 mm
LC 290 N																									49 mm
LC 295 SN																									49 mm
LC 310 C																									49 mm
LC 320 C																									37 mm
LC 330 E																									37 mm
LC 335 E																									-
LC 345 E																									37 mm
LC 355 SC																									37 mm
LC 360 SC																									43 mm

Camcorder	Socket		Signal	Socket										Filter Thread							
	IEEE 1394	Jack	Digital Video RS232 Still Picture	S-Video	BNC	1 x Cinch	8-pin Movie	4-pin Jack	1 x Cinch	2 x Cinch	2.5mm Jack	2.5mm Jack	5-pin Edit		11-pin New Edit	2.5mm Jack	3.5mm Jack	3.5mm Jack	3.5mm Jack	10-pin Socket	10-pin Socket
LC 375 HE				●		●															37 mm
LC 380 HE				●		●															37 mm
LC 400 C						●							●								37 mm
LC 410 C						●							●								37 mm
LC 435 E						●							●								37 mm
LC 445 E						●							●								37 mm
LC 450 SC				●		●							●								37 mm
LC 460 SC				●		●							●								37 mm
LC 475 HE				●		●							●								37 mm
LC 485 HE				●		●							●								37 mm
LC 500 C						●							●								37 mm
LC 535 E						●							●								37 mm
LC 550 SC				●		●							●								43 mm
LC 560 SC				●		●							●								43 mm
LC 575 E				●		●							●								37 mm
LC 600 C						●							●								43 mm
LC 610 C						●							●								43 mm
LC 635 E						●							●								37 mm
LC 645 E						●							●								37 mm
LC 650 SC				●		●							●								43 mm
LC 675 HE				●		●							●								37 mm
LC 685 HE				●		●							●								52 mm
LC 695 SN				●		●						●					1)	2)	●		49 mm
LC 700 C						●							●								43 mm
LC 735 E						●							●								37 mm
LC 750 SC				●		●							●								43 mm
LC 760 SC				●		●							●						2)		43 mm
LC 775 HE				●		●							●								37 mm
LC 785 HE				●		●							●								52 mm
LC 800 C						●							●								43 mm
LC 835 E						●							●								37 mm
LC 875 HE				●		●							●								37 mm
LC 885 HE				●		●							●								52 mm
LC 900 C						●							●								43 mm
LC 935 E						●							●								37 mm
LC 975 HE				●		●							●								37 mm
LC-D 80 E						●							●								52 mm
LC-D 100 E						●							●								37 mm
LC-D 200 HE				●		●							●								37 mm
LC-D 300 HE				●		●							●								37 mm
DLC 1	●			3)		3)						3)									30,5 mm
DLC 10	●	●		●		●						●									43 mm
DLC 20	●	●		●		●						●									43 mm

- 1) Built-in loudspeaker
- 2) Built-in VITC Generator
- 3) At connecting box JB1 (included in the delivery)

Camcorder

Camcorder Service Manuals

Camcorder	Part Number	Kind of Manual
LC 125 C	72010 510 8000	Service Manual
LC 145 E	72010 510 8500 72010 508 6500	Service Manual FL-Mechanics
LC 175 HE	72010 510 5500 72010 507 9500	Service Manual U-Mechanics
LC 180 HE	72010 511 1000 72010 508 6500	Service Manual FL-Mechanics
LC 210 C	72010 511 5000	Service Manual
LC 215 C	72010 511 5500	Service Manual
LC 225 C	72010 512 2500	Service Manual
LC 230 E	72010 510 4500 72010 511 1500 72010 507 9500	Service Manual Supplement U-Mechanics
LC 232 E	72010 511 9000 72010 512 1600	Service Manual A-Mechanics
LC 235 E	72010 513 2500 72010 513 2600 72010 512 1600	Service Manual Supplement 1 A-Mechanics
LC 240 E	72010 512 1500 72010 512 1600	Service Manual A-Mechanics
LC 255 SC	72010 511 6000	Service Manual
LC 280 HE	72010 512 2000 72010 508 6500	Service Manual FL-Mechanics
LC 285 HE	72010 512 6000 72010 508 6500	Service Manual FL-Mechanics
LC 290 N	72010 512 3500	Service Manual
LC 295 SN	72010 512 7000	Service Manual
LC 310 C	72010 513 2000	Service Manual
LC 320 C	72010 514 5500	Service Manual
LC 330 E	72010 511 9000 72010 514 3000 72010 512 1600	Service Manual Supplement A-Mechanics
LC 335 E	72010 513 2500 72010 514 7000 72010 512 1600	Service Manual Supplement A-Mechanics
LC 345 E	72010 513 1000 72010 512 1600	Service Manual A-Mechanics
LC 355 SC	72010 514 7500	Service Manual
LC 360 SC	72010 513 1500	Service Manual
LC 375 HE	72010 513 0500 72010 512 1600	Service Manual A-Mechanics
LC 380 HE	72010 512 2000 72010 513 0000 72010 512 1600	Service Manual Supplement A-Mechanics
LC 400 C	72010 515 9000	Service Manual
LC 410 C	72010 515 9000	Service Manual
LC 435 E	72010 516 4500 72010 512 1600	Service Manual A-Mechanics
LC 445 E	72010 516 5500 72010 512 1600	Service Manual A-Mechanics
LC 450 SC	72010 516 9500	Service Manual
LC 460 SC	72010 517 0000	Service Manual
LC 475 HE	72010 516 5500 72010 512 1600	Service Manual A-Mechanics
LC 485 HE	72010 515 9500 72010 512 1600	Service Manual A-Mechanics
LC 500 C	72010 518 7500 72010 519 6000	Service Manual DL-Mechanics
LC 535 E	72010 518 7000 72010 512 1600	Service Manual A-Mechanics
LC 550 SC	72010 519 7000 72010 519 6000	Service Manual DL-Mechanics

Camcorder

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Camcorder	Part Number	Kind of Manual
LC 560 SC	72010 519 6500 72010 519 6000	Service Manual DL-Mechanics
LC 575 HE	72010 518 6500 72010 512 1600	Service Manual A-Mechanics
LC 600 C	72010 524 2500 72010 519 6000	Service Manual DL-Mechanics
LC 610 C	72010 524 4500 72010 519 6000	Service Manual DL-Mechanics
LC 635 E	72010 524 3000 72010 525 0500	Service Manual B-Mechanics
LC 645 E	72010 524 3500 72010 525 0500	Service Manual B-Mechanics
LC 650 SC	72010 525 4500 72010 519 6000	Service Manual DL-Mechanics
LC 675 HE	72010 525 5000 72010 525 0500	Service Manual B-Mechanics
LC 685 HE	72010 525 5500 72010 525 0500	Service Manual B-Mechanics
LC 695 SN	72010 524 4000	Service Manual
LC 700 C	72010 529 5000 72010 519 6000	Service Manual DL-Mechanics
LC 735 E	72010 529 4500 72010 525 0500	Service Manual B-Mechanics
LC 750 SC	72010 530 9000 72010 519 6000	Service Manual DL-Mechanics
LC 760 SC	72010 530 9000 72010 519 6000	Service Manual DL-Mechanics
LC 775 HE	72010 529 4000 72010 525 0500	Service Manual B-Mechanics
LC 785 HE	72010 525 0500 72010 529 3500 72010 525 0500	Service Manual Supplement B-Mechanics
LC 800 C	72010 532 1500 72010 519 6000	Service Manual DL-Mechanics
LC 835 E	72010 532 1000 72010 525 0500	Service Manual B-Mechanics
LC 875 HE	72010 532 1000 72010 525 0500	Service Manual B-Mechanics
LC 885 HE	72010 532 0000 72010 525 0500	Service Manual B-Mechanics
LC 900 C	72010 530 8000 72010 519 6000	Service Manual DL-Mechanics
LC 935 E	72010 535 0000 72010 525 0500	Service Manual B-Mechanics
LC 975 HE	72010 535 0500 72010 525 0500	Service Manual B-Mechanics
LC-D 80 E	72010 517 1500 72010 512 1600	Service Manual A-Mechanics
LC-D 100 E	72010 518 6000 72010 512 1600	Service Manual A-Mechanics
LC-D 200 HE	72010 531 9000 72010 525 0500	Service Manual B-Mechanics
LC-D 300 HE	72010 535 1000 72010 525 0500	Service Manual B-Mechanics
DLC 1	1)	–
DLC 10	1)	–
DLC 20	1)	–

1) Central repair

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

Service Manuals – Camcorder Accessories

Camcorder	Part Number	Kind of Manual
LCS 8-4	72010 514 4500	Service Manual
NA 8	72010 507 6500	Service Manual
NA 8-1	72010 507 6600	Service Manual
NA 8-2	72010 510 2500	Service Manual
NA 8-3	72010 512 6500	Service Manual
NA 8-4	72010 512 9500	Service Manual
NA 75	72010 509 3000	Service Manual
NA 75A	72010 510 1000	Service Manual
NA 75B	72010 511 5500	Service Manual
NA 85	72010 514 0000	Service Manual
NA 90	72010 514 6000	Service Manual
NA 95	72010 516 2500	Service Manual
NA 96	72010 517 5000	Service Manual
NA 96C	72010 519 5500	Service Manual
NA 96D	72010 517 5100	Service Manual
NA 97	72010 531 6500	Service Manual
NA 99	72010 534 8100	Service Manual
NA 190A	72010 512 5500	Service Manual
NA 190A	72010 524 9000	Service Manual
NA-L1	72010 517 5500	Service Manual

Observe also the Instructions given in the Safety Service Manual Part No. 72010 800 0000!

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SAT

Module Chart

Designation	Part No.											
		HCM 814	HCM 893	HRM 810	HRM 811	HRM 851	HRM 852	HRM 854	HRM 858 (a)	HRM 861	HRM 864	HRM 883
Tuner (terrestrial)	29504 101 2300	●			●							
Tuner	29504 101 6300											
Tuner	29504 201 2400		2)									
Tuner	29504 201 6100					●	●	●	●	●	●	
Tuner	29504 201 6200											
Tuner	29504 201 7300											
Tuner	29504 201 7400											
Tuner	29504 201 7700											2)
Tuner	29504 201 8700											
Tuner	29504 201 8800											
Tuner	75990 900 3000											
Tuner	75990 900 3100											
Tuner	75990 900 4200											
Tuner	75954 705 3000											
Tuner	75954 705 3100											
Tuner	75954 705 6600											
Tuner	75954 705 8100											
Tuner	75954 705 9900											
Modulator	29502 017 0500			●								
Modulator	29502 017 0600						●					
Modulator	29502 017 1200					●						
Modulator	29502 017 1300				●							
Modulator	29502 017 5100								1)			
Modulator	29502 017 5200								1)			
Modulator	29502 017 5300							●				
Modulator	29502 017 5500										●	
Modulator	29502 017 5800									●		
Modulator	29502 017 6000											2)
Modulator	29502 017 6200	●										
Modulator	29502 017 6500		2)									
Modulator	29502 025 4500											
Modulator	75954 705 9800											
Modulator	75990 900 3100											
Modulator	75990 900 4300											
PLL-Modulator	29502 025 3100											
PLL-Modulator UHF	29502 025 3600											
PLL-Modulator VHF	29502 025 3700											

SAT

- 1) HRM 858: 017 5100, HRM 858a: 017 5200
- 2) 2 for each cassette
- 3) VHF or UHF dependent on the type of modulator fitted
- 4) mechanically different versions

Designation	Part No.	STC 1650	STR 100	STR 100 DX	STR 110	STR 2300	STR 2300 MV	STR 400 AP	STR 511	STR 512	STR 600	STR 611	STR 6122	STR 622	STR 631	STR 632	STR 641	STR 642	STR 7100	STR 7122 TWIN	
		Tuner (terrestrial.)	29504 101 2300																		
Tuner	29504 101 6300																				
Tuner	29504 201 2400																				
Tuner	29504 201 6100																				
Tuner	29504 201 6200							•													
Tuner	29504 201 7300	•							•												
Tuner	29504 201 7400									•											
Tuner	29504 201 7700		•																		
Tuner	29504 201 8700			•	•																
Tuner	29504 201 8800										•	•		•							
Tuner	75990 900 3000														•						
Tuner	75990 900 3100																				4)
Tuner	75990 900 4200																•				4)
Tuner	75954 705 3000																				4)
Tuner	75954 705 3100																				4)
Tuner	75954 705 6600					•	•														•
Tuner	75954 705 8100																				•
Tuner	75954 705 9900												•								
Modulator	29502 017 0500																				
Modulator	29502 017 0600																				
Modulator	29502 017 1200																				
Modulator	29502 017 1300																				
Modulator	29502 017 5100																				
Modulator	29502 017 5200																				
Modulator	29502 017 5300																				
Modulator	29502 017 5500																				
Modulator	29502 017 5800																				
Modulator	29502 017 6000																				
Modulator	29502 017 6200																				
Modulator	29502 017 6500																				
Modulator	29502 025 4500									•	•			•							
Modulator	75954 705 9800												•								•
Modulator	75990 900 3100														•						•
Modulator	75990 900 4300															•					•
PLL-Modulator	29502 025 3100							•	•	•											
PLL-Modulator UHF	29502 025 3600	3)																			
PLL-Modulator VHF	29502 025 3700	3)																			

- 1) HRM 858: 017 5100, HRM 858a: 017 5200
- 2) 2 for each cassette
- 3) VHF or UHF dependent on the type of modulator fitted
- 4) mechanically different versions

SAT

Retrofitting Options for Grundig Satellite Receivers

Descrambler Retrofit Kit DNS 850 C:

15-pin Sub-Min-D socket incl. the necessary electronics, retrofittable to the cassettes HRM 851, 852, 853, 854, 855, 857, 858, 858a, 859, 861, 864, 883.

Order no.: GAY 4300 (adapter cable is included)

Adapter Cable from 15-pin Sub-Min-D to Euro-AV.

Order no.: GAW 3000

Cassettes for Extension of the STC 8xx Head Station

SAT - TV Cassettes

HRM 800

Order no.: GAV 70

(input range 950-1750 MHz)

output: Band III (C5...C12) and (S8*...S20) Mono

* S5/S6/S7 can be used (however the use of S18/S19 S20 is excluded in this case)

output: Band I (C2, 3, 4) Mono

HRM 801

Order no.: GAV 9200

HRM 802

Order no.: GAV 9300

output: UHF (C21 - C40) Mono

HRM 805

Order no.: GAV 9800

output: VHF- OIRT (R6 - R12) Mono

SAT - TV Cassettes

HRM 851

Order no.: GAX 9600

(input range 950-2050 MHz)

output: Band I (C2, 3, 4) Mono

HRM 852

Order no.: GAX 9700

output: UHF (C21 - C40) Mono

HRM 858

Order no.: GAX 7300

output: Band III (C5 - C12) and (S8*...S20) Stereo

* S5/S6/S7 can be used (however the use of S18/S19 S20 is excluded in this case)

HRM 858a

Order no.: GAY 4200

output: Band III (C5 - C12) and (S4 - S20) Stereo

(replaces cassette HRM 858)

HRM 854

Order no.: GAY 4100

output: Hyperband (S21 - S41) Stereo

HRM 861

Order no.: GAZ 2300

output: Band I (C2, 3, 4) Stereo

HRM 864

Order no.: GAZ 2200

output: Band IV (C21- C40) Stereo

HRM 866

Order no.: GAD 9700

output: Band IV (C41 - C57) Stereo

SAT-TV-TWIN Cassettes - not for STC 800/850

HRM 883

Order no.: GAY 8000

(input range 950-2150 MHz)

output: Band III (C5 - C12) and (S3 - S30) Stereo

HRM 883-2

Order no.: GAC 3000

output: Band III (C5-C12) and (S3-S30) Stereo

(with the possibility of connecting 2 descramblers)

Terrestrial Cassettes**HRM 810**

Order no.: GAV 9500

input: C2...C4/C5...C12/C21...C69
output: Band III (C5...C12) and (S8*...S20)**HRM 811**

Order no.: GAW 1700

input: C2...C4/C5...C12/C21...C69
output: Band I (C2, 3, 4)**HRM 815**

Order no.: GAX 1800

input: R1...R12/R21...R69
output: R6...R12/S8...S20**HCM 814**

Order no.: GAC 1200

input: C2...C4/C5...C12/C21...C69
output: Band IV (C21...C40)**Terrestrial Twin Cassettes****HCM 893**

Order no.: GAD 0800

input: C2...C4/C5...C12/C21...C69
output: Band III (C5...C12) and (S3...S30)**UKW Cassette****HRM 825FM**

Order no.: GAW 8800

input: 87...108 MHz
output: 87...108 MHz**HCM 826/4**

Order no.: GAC 9000

input: 87.5...108 MHz
output: 87.5...108 MHz
(stations are selectively converted)**ADR - UKW Cassette****HRM 824/2 ADR**

Order no.: GAE 1600

input: 950...2150 MHz
output: 87.5...108 MHz**Digital Converter Cassettes:****HDM 100C**

Order no.: GAD 3700

input: 950...2150 MHz
output: S21...S41
(converts a digital package from QPSK to QAM)**HDM 100P**

Order no.: GAD 3600

input: 950...2150 MHz
output: C5...C12 and S3...S30
(converts a station from a digital package to an analog Pal signal)**Accessories for the STC 1600 Head Station****ZAN 1600**

Order no.: GAY 7700

retrofit kit for connection of a second dish aerial

FMN 1600

Order no.: GAY 7600

FM amplifier retrofit kit

Accessories for the STC 1650 Head Station**HM 1650 VHF**

Order no.: GAZ 3400

output: C5 - C12 and S4 - S24

HM 1652 UHF

Order no.: GAZ 3500

output: C21 - C65

HR 1650

Order no.: GAZ 3300

pivoted extension unit for additional 8 channel lines

Cassettes for Extension of the STC 1200 Head Station

Terrestrial Cassettes

HRM 810	input:	C2-C12, C21-C69
Order no.: G.AV 9500	output:	C5-C12, S8-S20 CCIR
HRM 811	input:	C2-C12, C21-C69
Order no.: G.AW 1700	output:	C2-C4 CCIR
HRM 815	input:	R1-R12, C21-C69
Order no.: G.AX 1800	output:	Z1-Z16, D1-D57 R6-R12, S4-S17 OIRT Z6-Z16, D6-D57 China
HCM 814	input:	C2-C12, C21-C69
Order no.: G.AC 1200	output:	C21-C40 CCIR
HCM 893	input:	C2-C69, S2-S41, 48.25-855.25 MHz
Order no.: G.AD 0800	output:	C5-C12, S3-S30 CCIR
HCM 895	input:	R1-R12, C21-C69, s1-s38
Order no.: G.AD 0700	output:	Z1-Z38, D1-D57 R6-R12, S4-S27 OIRT D6-D12 Z2-Z26 China

UKW Cassettes

HRM 820	input:	950-1750 MHz
Order no.: G.AV 9400	output:	118 MHz
HRM 824/2 FM	input:	950-2150 MHz
Order no.: G.AE 1600	output:	87.5-108 MHz
HRM 825	input:	87.5-108 MHz
Order no.: G.AW 8800	output:	87.5-108 MHz
HCM 826/4	input:	87.5-108 MHz
Order no.: G.AC 9000	output:	87.5-108 MHz

AV Converter Cassettes

HRM 831 AV	input:	Video + Audio
Order no.: G.AZ 9600	output:	C2-C4 CCIR
HRM 834 AV	input:	Video + Audio
Order no.: G.AC 1100	output:	C21-C40 CCIR
HRM 836 AV	input:	Video + Audio
Order no.: G.AD 9200	output:	S21-S41 CCIR

SAT-TV Cassettes

HRM 851	input:	950-2050 MHz
Order no.: G.AX 9600	output:	C2-C4 CCIR
HRM 852	input:	950-2050 MHz
Order no.: G.AX 9700	output:	C21-C40 CCIR
HRM 853	input:	950-2050 MHz
Order no.: G.AX 8800	output:	C21-C40 Secam-L
HRM 854	input:	950-2050 MHz
Order no.: G.AY 4100	output:	S21-S41 CCIR

Single SAT Cassettes

HRM 855 Order no.: G.AX 9800	input: output:	950-2050 MHz R6-R12, S4-S17 OIRT D6-D12, Z6-Z16 China
HRM 857 Order no.: G.AY 0100	input: output: output:	950-2050 MHz C21-C40 OIRT D13-D27 China
HRM 858 Order no.: G.AX 7300	input: output:	950-2050 MHz C5-C12, S8-S20 CCIR
HRM 858 A Order no.: G.AY 4200	input: output:	950-2050 MHz C5-C12, S4-S20 CCIR
HRM 859 Order no.: G.AY 0200	input: output:	950-2050 MHz R1-R5, D1-D5 OIRT
HRM 863 Order no.: G.AY 9900	input: output:	950-2050 MHz C41-C57 Secam-L
HRM 861 Order no.: G.AZ 2300	input: output:	950-2050 MHz C2-C4 CCIR
HRM 864 Order no.: G.AZ 2200	input: output:	950-2050 MHz C21-C40 CCIR
HRM 866 Order no.: G.AD 9700	input: output:	950-2050 MHz C41-C57 CCIR

Twin SAT Cassettes

HRM 883 Order no.: G.AY 8000	input: output:	950-2050 MHz, (2150 MHz) C5-C12 S3-S30 CCIR
HRM 883-2 Order no.: G.AC 3000	input: output:	950-2150 MHz C5-C12, S3-S30 CCIR
HRM 885 Order no.: G.AC 6700	input: output:	950-2050 MHz, (2150 MHz) R6-R12, S2-S27 CCIR Z6-Z26, D6-D12 China

Digital Converter Cassettes

HDM 100 P Order no.: G.AD 3600	input: output:	950-2150 MHz C5-C12, S3-S30 CCIR
HDM 100 C Order no.: G.AD 3700	input: output:	950-2150 MHz S21-S41 QAM

New Generation of Cassettes for the STC 880/80 and STC 1200 Head Stations

Since April 1999, the series 8 cassettes have been gradually replaced by the new series 3 types.

The differences between series 3 cassettes and their preceding types are as follows:

1. Introduction of the 5V technology to reduce the power consumption.
2. Application of a new generation of modulators.
3. Improved S/N ratio of the individual cassette resulting in an improvement of the total system and allowing to cascade more amplifiers.
4. Mechanically shortened fixing rail. The delivery includes an extension clip to fasten the cassette to the STC 880 Head Station.

Overview of the new series 3 cassettes:

Cassette	Function	Replacing	Software Version STC 1200	Software Version STC 880/80
HRM 331	TWIN SAT Cassette, conversion to C2-C4 or S3-S24 incl. C5-K12	HRM861 HRM858A	03	27
HRM 333	TWIN SAT Cassette, conversion to S3-S24 incl. C5-C12	HRM883	03	cannot be used for STC 880/80
HRM 333 A	T TWIN SAT Cassette, conversion to S3-S24 incl. C5-C12	HRM883	03	27
HRM 334	TWIN SAT Cassette, conversion to S21-S41	HRM854	03	27
HRM 335	TWIN SAT Cassette, conversion to C21-C69	HRM864 HRM866	03	cannot be used for STC 880/80
HRM 335 A	TWIN SAT Cassette, conversion to C21-C69	HRM864 HRM866	03	27
HRM 325	UKW Cassette, frequency range 87-108 MHz	HRM825	01	01
HRM 395	Terr. TWIN Cassette, conversion to C21-C69		04	27
HDM 303 P	Dig. Cassette (QPSK-PAL), conversion of a dig. program to S3-S30 incl. C5-C12	HDM100P	01	25
HDM 305 P	Dig. Cassette (QPSK-PAL), conversion of a dig. program to C21-C69		03	27
HDM 314 C	Dig. Cassette (QPSK-QAM), conversion of a transponder to S21-S41	HDM100C	01	25

Application of the new cassettes is possible provided that the software version of the keyboard control processor is \geq "27" for STC 880/80 Head Stations or \geq "03" for the STC 1200 Head Station.

The software version can be called up by pressing any two keys on the keyboard panel simultaneously. In this mode, all pixels of the display will be driven first (display dark). Subsequently, the version number appears on the display.

The last two figures of this number indicate the software version ("I x 01-306.**27**").

Cassettes for Extension of the STC 332 Head Station

Terrestrial Twin Cassettes

HRM 331 Order no.: G.AE 8300	input: output:	950-2150 MHz C2-C4, S3-S24, C5-C12, 48.25 MHz - 327.25 MHz, CCIR,
HRM 333 A Order no.: G.AE 9700	input: output:	950-2150 MHz C5-C12, S3-S24, 119.25 MHz - 327.25 MHz, CCIR
HRM 334 Order no.: G.AE 8400	input: output:	950-2150 MHz S21-S41, 303.25 MHz - 463.25 MHz, CCIR
HRM 335 A Order no.: G.AE 9800	input: output:	950-2150 MHz C21-C69, 471.25 MHz - 855.25 MHz, CCIR
HRM 341 Order no.: G.AF 0100	input: output:	950-2150 MHz R1-R5, S2-S21, R6-R12, 49.75 MHz - 327.25 MHz, OIRT (multi-norm)
HRM 343 Order no.: G.AF 0200	input: output:	950-2150 MHz R6-R12, S2-S2, 119.25 MHz - 327.25 MHz, OIRT (multi-norm)
HRM 345 Order no.: G.AF 0300	input: output:	950-2150 MHz C21-C69, 471.25 MHz - 855.25 MHz, OIRT (multi-norm)

UKW Cassettes

HRM 324/2 Order no.: G.AF 4700	input: output:	950-2150 MHz 87.5-108 MHz
HRM 325 Order no.: G.AE 6300	input: output:	87.5-108 MHz 87.5-108 MHz
HRM 326/4 Order no.: G.AE 6400	input: output:	87.5-108 MHz 87.5-108 MHz

Terrestrial Cassettes (CCIR)

HRM 391 Order no.: G.AF 2400	input: output:	C2-C12, S2-S41, C21-C69, 48.25 - 855.25 MHz C2-C4, S3-S24, C5-C12, 48.25 MHz - 327.25 MHz
HRM 393 Order no.: G.AF 2500	input: output:	C2-C12, S2-S41, C21-C69, 48.25 - 855.25 MHz C5-C12, S3-S24, 119.25 MHz - 327.25 MHz
HRM 394 Order no.: G.AF 2100	input: output:	C2-C12, S2-S41, C21-C69, 48.25 - 855.25 MHz S21-S41, 303,25 MHz - 463.25 MHz
HRM 395 Order no.: G.AE 8500	input: output:	C2-C12, S2-S41, C21-C69, 48.25 - 855.25 MHz C21-C69, 471,25 MHz - 855.25 MHz

Terrestrial Cassettes (OIRT)

HCM 381 available ca.07/2000	input: output:	R1-R12, S2-S38, C21-C69, 49.75 MHz - 855.25 MHz R1-R5, S2-S21, R6-R12, 49.75 MHz - 351.25 MHz
HCM 383 available ca.07/2000	input: output:	R1-R12, S2-S38, C21-C69, 49.75 MHz - 855.25 MHz R6-R12, S2-S21, 119.25 MHz - 327.25 MHz
HCM 385 available ca.04/2000	input: output:	R1-R12, S2-S38, C21-C69, 49.75 MHz - 855.25 MHz C21-C69, 471.25 MHz - 855.25 MHz

Digital Converter Cassettes

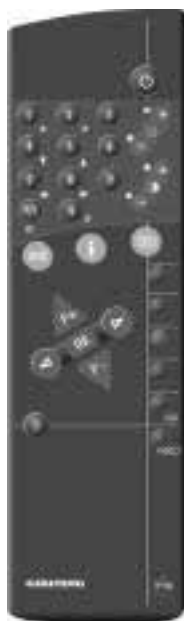
HDM 303 P Order no.: G.AE 6500	input: output:	950-2150 MHz C5-C12, S3-S30, 119.25 MHz - 375.25 MHz, CCIR
HDM 305 P Order no.: G.AE 8600	input: output:	950-2150 MHz C21-C69, 471.25 MHz - 855.25 MHz, CCIR
HDM 314 C Order no.: G.AE 6700	input: output:	950-2150 MHz S21-S41, 303.25 MHz - 463.25 MHz, QAM
HDM 315 C Order no.: G.AF 7400	input: output:	950-2150 MHz C21-C40, 471.25 MHz - 623.25 MHz, QAM
HDM 353 P Order no.: G.AE 6600	input: output:	950-2150 MHz R6-R12, S2-S27, 119.25 MHz - 375.25 MHz, OIRT (multi-norm)
HDM 355 P Order no.: G.AE 9900	input: output:	950-2150 MHz C21-C69, 471.25 MHz - 855.25 MHz, OIRT (multi-norm)

GRUNDIG Tele-Pilot® Remote Control Handsets / Overview

Satellite product range



rc sat
29622 046 1700



TP 720 SAT
29642 059 1800



TP 820 SAT
29642 061 0300



SRC5
75990 900 0800



TP 805 SAT
75990 900 0600



TP 716 SAT
23800 001 0100



TP 715 SAT
75990 900 5800



SAT Control 1
72011 620 0000

SAT

Special Functions of Satellite Receivers (Options)

SAT Receiver	Option	Sequence of Operations
STR 311/312 STR 511/512	Changing the remote control level	Depress and hold the "P/F" button down while switching on with the mains button. The currently active level will be indicated. When keeping the "P/F" button pressed the SAT receiver switches over to level 2. The necessary conversion of the "rc sat" remote control is described in the Service Information bulletins TV 21/93 and. 22/95. With the remote control TP 720 SAT, level 2 can be activated by pressing the desired function key and the "AUX" button simultaneously.
STR 311 STR 312	Changing the oscillator frequency (9.75/10.0 GHz) Only with certain μ P: STR 311 - ZC 88657 STR 312 - ZC 88659	Depress and hold the "V/H" button down while switching on with the mains button. The currently set frequency will be indicated. Change the setting with the "<" ">" buttons and store it by pressing the "M" button.
STR 312 STR 322 STR 512	Changing the OSD position	Depress and hold the remote control button "i" down while switching on with the mains button. With the ◀ ▶ buttons on the remote control it is possible to change the horizontal position. Confirm the setting with the "OK" button and leave the Service Menu with "i".
STC 332 STC 800 STC 850 STC 880 STC 1200 STC 2400 CT 800	Display test and indication of the software version	Depress the buttons "+" and "Mode" simultaneously and hold them down. First, the display becomes dark (all pixels are driven). After approx. 5s - as long as these buttons are pressed - a number will be displayed. The last two figures of this number indicate the software version.
STR 310 STR 320 STR 325 STR 410 STR 420 STR 501 STR 502	Loading the emergency data set (the oscillator frequency is set to 9.75 GHz and the programme positions with predetermined ASTRA reception frequencies are loaded)	Menu guide: "i", "i", "4 Installation", "5" (not indicated as a menu option), enter the number "2208" for "Code". The emergency data set is being loaded.
STR 631 STR 632 STR 641 STR 642	Loading the emergency data set (the oscillator frequency is set to 9.75 GHz and the programme positions with predetermined ASTRA reception frequencies are loaded)	Menu guide: "i", "i", "2 Installation", "5" (not indicated as a menu option), enter the number "2846" for "Code". The emergency data set is being loaded.

Service Manuals sorted by Satellite Receivers

Satellite Receiver	Part No.	Kind of Manual
HRM 851 SAT/BD 1	72010 015 5000	Service Manual
HRM 852 SAT/UHF	72010 015 5000	Service Manual
HRM 853 FR SAT/UHF	72010 015 5000	Service Manual
HRM 854 SAT/ HYPERB.STEREO	72010 015 5000	Service Manual
HRM 855 SAT/OIRT	72010 015 5000	Service Manual
HRM 857 SAT/UHF-OIRT	72010 015 5000	Service Manual
HRM 858 A SAT/BD 3 - STEREO	72010 015 5000	Service Manual
HRM 859 SAT/BD 1-OIRT	72010 015 5000	Service Manual
SER 6350	72010 015 0000	Service Manual
SER 7300	72010 015 4000	Service Manual
SNR 105 microSAT	72010 020 9000 72010 020 9100	Service Manual Supplement 1
STC 80	72010 018 6000 72010 018 6100	Service Manual Supplement 1
STC 850 STC 800/0	72010 015 5000	Service Manual
STC 1200	72010 023 3000	Service Manual.
STC 1600	72010 015 9000	Service Manual
STC 1600/0	72010 015 9000	Service Manual
STC 1650	72010 018 0000	Service Manual
STC 332	72010 023 7000	Service Manual
STE 1000	72010 019 0000	Service Manual
STR 100 DX	72010 021 0000	Service Manual
STR 100 FR MicroSAT	72010 019 2000	Service Manual
STR 100 MicroSAT	72010 018 2000	Service Manual
STR 110 DX	72010 020 9000	Service Manual
STR 2300	72010 025 1000	Service Manual
STR 2300 MV	72010 025 1000	Service Manual
STR 310	72010 015 8000	Service Manual
STR 310/1	72010 015 8000	Service Manual
STR 311	72010 013 9000	Service Manual
STR 312	72010 013 9000	Service Manual
STR 320	72010 015 8000	Service Manual
STR 320/1	72010 015 8000	Service Manual
STR 322 TWIN	72010 016 3000	Service Manual
STR 322 TWIN FR	72010 017 9000	Service Manual
STR 325	72010 015 8000	Service Manual
STR 400 AP	72010 014 4000	Service Manual
STR 410	72010 015 8000 72010 015 8100	Service Manual Supplement 1
STR 420	72010 015 8000 72010 015 8100	Service Manual Supplement 1
STR 501	72010 018 3000	Service Manual
STR 501 FR	72010 018 4000	Service Manual
STR 502	72010 018 3000	Service Manual
STR 502 FR	72010 018 4000	Service Manual

Satellite Receiver	Part No.	Kind of Manual
STR 511	72010 016 7000	Service Manual
STR 511 FR	72010 018 1000	Service Manual
STR 512	72010 016 7000	Service Manual
STR 512 FR	72010 018 1000	Service Manual
STR 535 N MAC	72010 018 0000	Service Manual
STR 600 AP	72010 021 2000	Service Manual
STR 600 AP	72010 021 2000	Service Manual
STR 600 AP / F / E / P	72010 021 2000 72010 021 2100	Service Manual Supplement 1
STR 611	72010 021 3000 72010 021 3100	Service Manual Supplement 1
STR 6122 TWIN	72010 023 4000	Service Manual
STR 622 TWIN	72010 021 3000	Service Manual
STR 631	72010 020 3000	Service Manual
STR 631	72010 020 3000	Service Manual
STR 631 FR	72010 020 4000	Service Manual
STR 632	72010 020 3000	Service Manual
STR 632	72010 020 3000	Service Manual
STR 632 FR	72010 020 4000	Service Manual
STR 641 + FR	72010 020 3000 72010 020 3100	Service Manual Supplement 1
STR 642 + FR	72010 020 3000 72010 020 3100	Service Manual Supplement 1
STR 7100	72010 023 9000	Service Manual
STR 7122 TWIN	72010 025 2000	Service Manual

Contents: Audio

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Anti-theft Coding of Car Radios6.10

Audio/HiFi

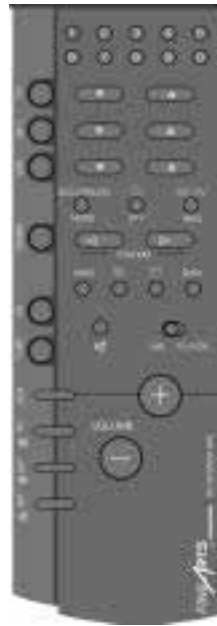
GRUNDIG Tele-Pilot® Remote Control Handsets / Overview Audio / HiFi Product Range



CDC 477 RC
75954 027 1700



M2/M6 RC
75954 028 68



Fine Arts System DPL
59802 616 0100



CDM 3000/5000 RC
75954 029 95



UMS 1/2
75954 029 6400



PA 1
75954 034 8700



M100
59802 624 0100
59802 624 5100



RC 400
75954 032 1700

Audio/HiFi



RR 750 CD
75954 047 2800



RR 3500 CD
RR 650 CD
75954 046 3400



RC 437
75954 015 6100



K-RCD 500
75954 036 1100



RC PA 2/3
59802 619 0100



RC CDM 700
75954 062 9300



RC M7/17/27 C
RC M18/28/38 C
75954 049 3600

Audio/HiFi



M14
75955 004 0100



M19/29
75955 002 9100



RR 660 CD
75955 005 0100



RR 760 CD
75955 005 5000

Audio/HiFi



RC M 37 DC
RC M48 DC
75954 050 4100



UMS1/2
75954 029 6400



UMS11/12
75954 505 0100



RC KM 11
75954 042 8000



RC KM12/13
75954 062 5700



RC CD22
75954 069 1100



RC CD23
75954 069 1800



URC 20
75954 068 5600



RC PA 5
59802 630 0100



RC M 49
75955 006 3000

Audio/HiFi

Audio/HiFi Service Manuals from 1995 on sorted by sets

Set	Service Manual
APOLLO 2000	72010 760 7500
CCF 23	72010 755 6500
CD 11	72010 745 3500
CD 12	72010 745 5000
CD 21	72010 755 5500
CD 22	72010 755 5500
CD 23	72010 756 3500
CD 436	72010 745 7500
CD 437	72010 745 7500
CD 1000	72010 745 7000
CDC 14	72010 745 4000
CDC 477	72010 745 9000
CDM 700	72010 755 7000
CDM 3000	72010 747 1500
CDM 5000	72010 747 1500
CDP 75	72010 745 1500
CDP 76	72010 755 1000
CDP 110	72010 745 1500
CDP 200	72010 743 8500
CDP 210	72010 755 1500
CDP 310	72010 757 8500
CDP-S 150	72010 752 7000
CDP-S 250	72010 757 1000
CF 11	72010 744 7000
CF 21	72010 755 6000
HEINZELMANN	72010 745 1000
K- RCD 100	72010 743 9500
K-CDP 65	72010 743 9000 72010 743 9100 72010 743 9200
K-CDP 66	72010 755 0500 72010 755 0600
K-RCD 110	72010 749 9000
K-RCD 120	72010 756 5000
K-RCD 500	72010 748 4500
KM 11	72010 750 0500
KM 12	72010 754 3000
KM 13	72010 757 1500
M 2	72010 746 0500

Set	Service Manual
M 6	72010 746 0500
M 7-C	72010 752 2500
M 14	72010 759 4500
M 16	72010 745 2000 72010 740 6000
M 17-C	72010 752 2500
M 18-C	72010 755 8500
M 19-C	72010 759 1500
M 26	72010 745 2500 72010 741 3500
M 27-C	72010 752 2500
M 28-C	72010 755 8500
M 29-C	72010 759 1500
M 30 CCF	72010 740 7500
M 30 CD	72010 740 7500
M 30-A	72010 740 7500
M 30-R	72010 740 7500
M 30-T	72010 740 7500
M 37-DC	72010 753 2500
M 38-C	72010 755 8500
M 40-CDC	72010 744 6500
M 48-DC	72010 755 8500
M 49-DC	72010 759 4000
M 100 A	72010 749 1500
M 100 ADPL	72010 750 6500
M 100 CD	72010 749 8000
M 100 CDC	72010 750 7000
M 100 CF	72010 749 8500
M 100 R	72010 749 1500
M 100 T	72010 750 6000
M 100-CD MKII	72010 754 3500
MPaxx	72010 761 0000
PA 1	72010 748 4000
PA 2	72010 746 5500
PA 3	72010 746 5500
PA 5 - TurNiT	72010 758 0500
R 11	72010 744 0000
R 12	72010 744 0000
R 14 DPL	72010 746 9500

Observe also the instructions given in the "Safety" Service Manual Part No. 72010 800 0000!

Set	Service Manual
R 21	72010 755 9000
R 22 DPL	72010 755 9000
R 23 DPL	72010 757 2000
R 1000 DPL	72010 745 6500
RBX-1	72010 752 2000
RCD 400	72010 747 0500
RCD 405	72010 752 3000 72010 747 0500
RCD 2000	72010 760 6000
RR 300 CD	72010 760 5000
RR 420 CD	72010 752 4000
RR 430 CD	72010 760 0000
RR 620 CD	72010 751 7000 72010 751 7100
RR 630 CD	72010 759 3000 72010 759 3100
RR 650 CD	72010 751 7000 72010 751 7100
RR 660 CD	72010 759 3000 72010 759 3100
RR 710 CD	72010 751 7500
RR 720 CD	72010 759 3500
RR 750 CD	72010 751 7500
RR 760 CD	72010 759 3500
RR 3200 CD	72010 751 8000
RR 3500 CD	72010 751 8000
SC 900	72010 754 4500
SC 910	72010 754 4000
ST 16 (ADR)	72010 752 1000
T 12	72010 742 6500
T 22	72010 755 4000
T 1000	72010 745 5500
TT 1	72010 740 7000
TurNiT - PA5	72010 758 0500
UMS 1	72010 748 2000
UMS 2	72010 748 2000
UMS 11	72010 757 2500
UMS 12	72010 757 2500
UMS 12-S	72010 757 2500
UMS 15	72010 760 8500

Set	Service Manual
UMS 25	72010 760 9500
V 11	72010 742 4500
V 12	72010 742 4500
V 14 DPL-RF	72010 752 1500
V 21	72010 755 4500
V 23	72010 755 5000
V 1000 DPL	72010 745 6500
Yacht Boy 360	72010 745 0500
Yacht Boy-P2000	72010 757 0000

Observe also the instructions given in the "Safety" Service Manual Part No. 72010 800 0000!

Car Audio Service Manuals sorted by sets

Set	Service Manual
Advance CC	72010 760 4000
Advance CD	72010 760 4500
BOOSTER PA 120	72010 731 9500
BOOSTER PA 240	72010 732 0000
EC 4000 RDS	72010 748 5000
EC 4200 RDS	72010 759 2000 72010 748 5000
EC 4290 CD	72010 750 5500 72010 748 5000
EC 4490 CD	72010 759 2500 72010 748 5000 72010 750 5500
EC 4600 RDS	72010 752 7500
EC 4700 RDS	72010 760 1500 72010 752 7500
EC 4790 CD	72010 760 2000
EC 7400 RDS	72010 739 5000
EC 7500 RDS	72010 739 5000
MCD 20	72010 733 6000
MCD 30	72010 737 2500 72010 737 2600
MCD 36	72010 748 3000
MCD 40	72010 748 3000
SCD 1590 VD	72010 739 1000
SCD 1910 RDS	72010 733 2000
SCD 3390 RDS	72010 757 8000
SCD 3590	72010 739 1000
SCD 5260 RDS	72010 749 3500
WKC 1100 VD	72010 739 7000
WKC 1101 VD	72010 739 4000
WKC 1102 VD	72010 741 9500
WKC 1630	72010 744 9500
WKC 1650 VD	72010 736 1000
WKC 1670 VD	72010 738 7000
WKC 1700 VD	72010 791 8500
WKC 1701 VD	72010 791 8500
WKC 1703 RDS	72010 738 1500
WKC 1703 RDS / RS	72010 738 1500
WKC 1704 RDS	72010 738 1500
WKC 1704 RDS / RS	72010 738 1500
WKC 1705 RDS	72010 740 3500

Set	Service Manual
WKC 1903 RDS	72010 731 0500
WKC 1904 RDS	72010 736 0500
WKC 2201 RDS	72010 758 6000
WKC 3100	72010 739 4000
WKC 3101	72010 739 7000
WKC 3102	72010 741 9500
WKC 3200	72010 752 4500
WKC 3201	72010 752 4500
WKC 3300	72010 752 4500
WKC 3301	72010 752 4500
WKC 3600	72010 749 1500
WKC 3630	72010 744 9500
WKC 3650	72010 736 1000
WKC 3700	72010 730 6000
WKC 3700 R	72010 730 6000
WKC 3701	72010 740 2000
WKC 3701 R	72010 730 6500
WKC 3703 RDS RS	72010 738 1500
WKC 3704 RDS RS	72010 738 1500
WKC 3705 RDS RS	72010 740 3500
WKC 3705 RDS RS	72010 740 3500
WKC 3870 RDS	72010 720 5000
WKC 3880 RDS	72010 730 5500
WKC 3880 RDS (MCD-A1)	72010 730 5500
WKC 3904 RDS	72010 731 8000
WKC 3905 RDS	72010 731 8500
WKC 4871 RDS	72010 731 7000 72010 720 0000 72010 720 0100
WKC 5100	72010 746 3600
WKC 5101	72010 746 3600
WKC 5200	72010 746 3600
WKC 5201	72010 746 3600
WKC 5300	72010 746 3000
WKC 5600	72010 746 3000
WKC 6400 RDS	72010 740 0000
WKC 6500 RDS	72010 740 0000

Observe also the instructions given in the "Safety" Service Manual Part No. 72010 800 0000!

Anti-theft Systems for Grundig Car Radios

Car Radio WKC/SCD/EC..	Optional Code Number 1)	Specific Code Number 2)	Removable Control Panel	Quick-out Unit 3)
1590 VD		●		●
1630 VD		●	●	
1650 VD		●	●	
1670 VD		●	●	
1703 RDS/RS		●		●
1704 RDS/RS		●		●
1705 RDS		●		
1903 RDS		●	●	
1904 RDS		●	●	
1905 RDS		●	●	
1910 RDS		●	●	
2201 RDS		●	●	
2301 RDS		●	●	
2632 VD				●
2642 VD				●
2670 VD		●	●	
2680 VD		●	●	
2803 VD/A		●		RS
2804 VD		●		RS
2805 VD		●		RS
2841 VD	● from 845501	●	●	
2842 VD		●	●	
2845 VD	●			
3200 RDS		●	●	
3201 RDS		●	●	
3300 RDS		●	●	
3301 RDS		●	●	
3390 RDS		●	●	
3851 RDS		●	●	
3860 VD/aVD	●	●		

Car Radio WKC/SCD/EC..	Optional Code Number 1)	Specific Code Number 2)	Removable Control Panel	Quick-out Unit 3)
3870 RDS		●	●	
3880 RDS		●	●	
3904 RDS		●	●	
3905 RDS		●	●	
4000 RDS		●	●	
4290 RDS		●	●	
4490 RDS		●	●	
4600 RDS		●	●	
4700 RDS		●	●	
4790 CD		●	●	
4804 VD		●	●	RS
4805 VD		●	●	RS
4870 RDS/A/C		●	●	
4871 RDS		●	●	
5100 RDS		●	●	
5101 RDS		●	●	
5200 RDS		●	●	
5201 RDS		●	●	
5290 RDS		●	●	
5300 RDS		●	●	
5390 RDS		●	●	
5500 RDS/A/C		●	●	
5600 RDS		●	●	
5690 RDS		●	●	
6400 RDS		●	●	
6500 RDS		●	●	
7400 RDS		●	●	
7500 RDS		●	●	
Advance CC		●	●	
Advance CD		●	●	

- 1) It is possible to enter any code number as 4 figures.
- 2) The car radios are given a 4-place code number at the factory which cannot be changed.
- 3) Quick-out plug-in unit. RS plug-in unit, order number G.IB.02-97
 You can withdraw the car radio easily from the compartment by a handle and take it along with you.

Audio/HiFi

Anti-theft Coding of Car Radios

for types WKC/SCD/EC...

1630, 1650, 1670, 1703, 1704, 1705, 1903, 1910, 2670, 2680, 2803, 2804, 3851, 3870, 3880, 3904, 3905, 4804, 4870, 4871, 5000, 5500, 6400, 6500, 7400, 7500

The following is a description of the coding and decoding methods for the different car radios.

Activating the coding

Radio is playing: Depress button **A** (see table) for more than 3 seconds -> "CODE" appears in the display. After 3 seconds the display shows **B** (see table). Enter the code number: The code number is entered by repeatedly pressing the station buttons 1-4 (station button 1 for figure 1, station button 2 for figure 2 and so on); a wrong code number can be corrected by overwriting, i.e. by entering a new code number. Confirm the code number: Depress button **C** (see table) for more than 3 seconds -> "SAFE" appears in the display.

Is the coding activated?

Radio is playing: Depress button **D** (see table) for more than 3 seconds; the coding is activated when "SAFE" appears in the display. After about 3 seconds, **E** (see table) appears in the display. Switch the radio off/on - radio starts playing; the coding is not activated when "CODE" appears in the display. After about 3 seconds, the display shows **F** (see table). Switch the radio off/on - radio starts playing.

Putting into operation again

On disconnection from the supply voltage the radio is electronically locked. Reconnect the radio correctly to the supply voltage. Switch the radio on. "SAFE" appears in the display. After about 3 seconds, the display shows **G** (see table). Enter the code number. Confirm the code number: Depress button **H** (see table) for more than 3 seconds -> "SAFE" appears in the display. After about 3 seconds the radio starts playing.

The entered code number is wrong: -> "SAFE" appears in the display. The figure on the left of the code number indicates the number of attempts counted. Between the attempts 1-7 the waiting time increases to 24 hours. After the 7th attempt there is always a waiting time of 24 hours until a new code can be entered.

Autoriadtypen WKC/SCD/EC . .	4870, 5500, 5000, 3851, 3870, 3880, 4871, 6400, 6500	1630, 1650, 1670, 2803, 2804, 2670, 2680, 4804	1903, 3904, 3905	1910, 7400, 7500	1703, 1704, 1705
A	FM	U	U	U	FM
B	-----	1-----	1-----	-----	-----
C	FM	U	U	U	FM
D	FM	U 1)	U	U	FM
E	1-----	1----- 1	1-----	1-----	-----
F	-----	1-----	1-----	-----	-----
G	1-----	1----- 1	1-----	1-----	-----
H	FM	U	U	U	FM
I	FM	U	U	U	FM
K	1-----	1----- 1	1-----	1-----	-----
L	FM	U	U	U	FM

Deactivating the coding

Radio is playing: Depress button **I** (see table) for more than 3 seconds -> "SAFE" appears in the display. After about 3 seconds the display shows **K** (see table). Enter the code number. Confirm the code number: Press button **L** (see table) for more than 3 seconds. After about 3 seconds the radio starts playing.

The entered code number is wrong: -> "SAFE" appears in the display. The figure on the left of the code number indicates the number of attempts counted. Between the attempts 1-7 the waiting time increases to 24 hours. After the 7th attempt there is always a waiting time of 24 hours until a new code can be entered.

1) The coding is activated when "SAFE" flashes in the display with the car radio switched off.

for types WKC/SCD/EC...

5100, 5101, 5200, 5201, 5290, 5300, 5390, 5600, 5690

The following is a description of the coding and decoding methods for the different car radios.

Activating the coding

Radio is playing: Depress button **EXPERT** for more than 1 second, with the rotary knob, select "CODE" in the display. Press button **EXPERT** shortly -> display shows E -- -- -- --;

Enter the code number: The code is entered by repeatedly pressing the station buttons 1-4 (station button 1 for figure 1, station button 2 for figure 2 and so on).

A wrong code number can be corrected by overwriting, i.e. entering a new code number.

Confirm the code number: Press the **EXPERT** button shortly -> display shows "SAFE"

Leave the Expert mode: Press **EXPERT** for more than 1 second.

Is the coding activated?

Radio is playing: Press the **EXPERT** button for more than 1 second.

The coding is activated when "SAFE" is indicated in the display.

The coding is not activated when "CODE" is shown in the display.

Leave the Expert mode: Press **EXPERT** for more than 1 second.

Putting into operation again

On disconnection from the supply voltage the radio is electronically locked. Reconnect the radio correctly to the supply voltage.

Switch the radio on -> the display shows "SAFE". After about 3 seconds the display shows 1-- -- -- --.

The figure on the left of the code number indicates the number of attempts counted. Between the attempts 1-7 the waiting time increases to 24 hours. After the 7th attempt there is always a waiting time of 24 hours until a new code can be entered.

Enter the code number.

Confirm the code number: Press the **EXPERT** button shortly; "SAFE" appears in the display. After about 3 seconds the radio starts playing.

The entered code number is wrong -> "SAFE" appears in the display.

Deactivating the coding

The radio is playing: Press the **EXPERT** button for more than 1 second, with the rotary knob select "SAFE" in the display.

Press the **EXPERT** button shortly -> the display shows 1-- -- -- --

Enter the code number.

Confirm the code number: Press the **EXPERT** button shortly -> "CODE" is indicated in the display.

The entered code number is wrong -> "SAFE" is shown in the display

Press **EXPERT** for more than 1 second.

for types WKC/SCD/EC...
4000, 4200, 4290, 4490, 4600

The following is a description of the coding and decoding methods for the different types of car radios.

Activating the coding

Radio is playing: Press button Φ (Expert) for more than 1 second, with the rotary knob on the right select "CODE" in the display. Press button Φ (Expert) shortly -> CH -- -- -- -- is shown in the display.

Enter the code number by turning the right shaft encoder.

Confirm the code number: Press the **right shaft encoder** shortly -> display shows "SAFE"

Leave the Expert mode: Press button Φ (Expert) for more than 1 second.

Is the coding activated?

Radio is playing: Press button Φ (Expert) for more than 1 second.

The coding is activated when "SAFE" is indicated in the display.

The coding is not activated when "CODE" is indicated in the display.

Leave the Expert mode: Press button Φ (Expert) for more than 1 second.

Putting into operation again

On disconnection of the supply voltage the radio is electronically locked.

Reconnect the radio correctly to the supply voltage.

Switch the radio on -> display shows "SAFE". After about 1 second, 1-- -- -- --. is indicated in the display.

The figure on the left of the code number indicates the number of attempts counted. Between the attempts 1-7 the waiting time increases to 24 hours. After the 7th attempt there is always a waiting time of 24 hours until a new code can be entered.

Enter the code number.

Confirm the code number: Press the **right shaft encoder** shortly; "SAFE" is indicated in the display. After about 1 second the radio starts playing.

The entered code number is not correct -> "SAFE" is indicated in the display.

Deactivating the coding

Press button Φ (Expert) for more than 1 second, with the rotary knob select "SAFE" in the display.

Press the **right shaft encoder** shortly -> CH 1-- -- -- -- is indicated in the display.

Enter the code number.

Confirm the code number: Press the **right shaft encoder** shortly; "CODE" is indicated in the display.

The entered code number is not correct -> "SAFE" is indicated in the display.

Press button Φ (Expert) for more than 1 second.



for types WKC/SCD/EC...
2201, 2301, 3200, 3201, 3300, 3301, 3390

The following is a description of the coding and decoding methods for the different types of car radios

Activating the coding

Radio is playing

Press the EXPERT button until a signal is sounded. "EXPERT" is shortly indicated in the display.

Press any of the buttons   until "CODE" is indicated in the display. Press button EXPERT shortly. The indication -- -- -- -- flashes in the display.

Enter the code number: The code is entered by repeatedly pressing the station buttons 1-4 (station button 1 for figure 1, station button 2 for figure 2 and so on).

A wrong code number can be corrected by overwriting, i.e. entering a new code number.

Confirm the code number: Press EXPERT shortly -> "SAFE" is indicated in the display.

Leave the Expert mode: Press the EXPERT button until a signal is sounded.

Is the coding activated?

Radio is playing: Press the EXPERT button for more than 1 second.

The coding is activated when "SAFE" is indicated in the display.

The coding is not activated when "CODE" is indicated in the display.

Leave the Expert mode: Press the EXPERT button for more than 1 second.

Putting into operation again

On disconnection of the supply voltage the radio is electronically locked.

Reconnect the radio correctly to the supply voltage.

Switch the radio on -> "SAFE" is indicated in the display.

After about 3 seconds 1-- -- -- -- is indicated in the display.

Enter the code number: The code is entered by repeatedly pressing the station buttons 1-4 (station button 1 for figure 1, station button 2 for figure 2 and so on).

A wrong code number can be corrected by overwriting, i.e. entering a new code number.

Confirm the code number: Press the EXPERT button until "SAFE" is indicated in the display.



Radio starts playing after about 2 seconds.

The entered code number is not correct -> "SAFE" is indicated in the display.

The figure on the left of the code number indicates the number of attempts counted. Between the attempts 1-7 the waiting time increases to 24 hours. After the 7th attempt there is always a waiting time of 24 hours until a new code can be entered.

Deactivating the coding

Radio is playing. Press the EXPERT button until a signal is sounded. "EXPERT" is shortly indicated in the display.

Press any of the buttons   until "SAFE" is indicated in the display. Press button EXPERT shortly. The indication 1-- -- -- -- flashes in the display.

Enter the code number: The code is entered by repeatedly pressing the station buttons 1-4 (station button 1 for figure 1, station button 2 for figure 2 and so on).

A wrong code number can be corrected by overwriting, i.e. entering a new code number.

Confirm the code number: Press EXPERT shortly -> "CODE" is indicated in the display.

Leave the Expert mode: Press the EXPERT button until a signal is sounded.

Partners help each other

Please help us find hidden faults and return all modules with a brief description of the fault.

For this purpose, a fault tag or adhesive label is enclosed with all modules (insert cards) delivered by the GRUNDIG service organisation.

GRUNDIG SERVICE - Dokument		Fehlerhinweise für Autogeräte Fault Report for Car Radios	
Kauf-/Tauschdaten Purchase/Replacement Data		Rundfunkteil/Radio Stage	Cassettenteil Cassette Stage
Gerätenummer/Serial Number	Code	<input type="checkbox"/> UKW gestört <input type="checkbox"/> LMK gestört <input type="checkbox"/> keine Funktion <input type="checkbox"/> Speicherfehler <input type="checkbox"/> Suchlauffehler <input type="checkbox"/> Stereofehler <input type="checkbox"/> Tonfehler <input type="checkbox"/> Verkehrsfunk <input type="checkbox"/> SCV-Regelung <input type="checkbox"/> VIP-Betrieb <input type="checkbox"/> RDS Funktionen <input type="checkbox"/>	<input type="checkbox"/> FM defective <input type="checkbox"/> L/M/SW defective <input type="checkbox"/> No Funktions <input type="checkbox"/> Memory Fault <input type="checkbox"/> Station Search <input type="checkbox"/> Stereo Fault <input type="checkbox"/> Sound Fault <input type="checkbox"/> Traffic Radio <input type="checkbox"/> SCV-Control <input type="checkbox"/> VIP-Mode <input type="checkbox"/> RDS-Functions <input type="checkbox"/>
Nur bei Geräten ohne Rahmennummer			<input type="checkbox"/> Cassette läuft nicht <input type="checkbox"/> No Cassette drive <input type="checkbox"/> Cassettenlauf <input type="checkbox"/> Cassette Drive <input type="checkbox"/> Cassettenauswurf <input type="checkbox"/> Cassette Eject <input type="checkbox"/> Reverse Betrieb <input type="checkbox"/> Reverse Mode <input type="checkbox"/> Wiedergabe-Fehler <input type="checkbox"/> Playback Fault <input type="checkbox"/> Kanalausfall <input type="checkbox"/> Loss of Channel <input type="checkbox"/> Laufgeräusche <input type="checkbox"/> Mechanical Noise <input type="checkbox"/> Sonstige Fehler <input type="checkbox"/> Other of Faults
Händlerstempel/Dealer Stamp Firmenstempel/Company Stamp		Wann tritt der Fehler auf When does the fault occur	
Unterschrift Signature	Verkaufsdatum Date of Sale	<input type="checkbox"/> Immer <input type="checkbox"/> Nur zeitweise <input type="checkbox"/> Nur bei Kälte <input type="checkbox"/> Nur bei Wärme	Immediatly Intermittent Only when Cold Only when Hot
Austauschtag Date of Replacement	Tausch durch Replaced by		
Datum/Date	(WKZ/NL)		





Audio/HiFi





09624 843 9000

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Men's Shavers


Model	Type	Order No.	Specifications
DESIGNO FX3 A/N • 2 LEDs EAN No. 400367243034 8 	6695	RPY 6695	Foil-trimmer-foil Separately driven shaving parts Removable shaving parts Vibration system Counter-directional cutters Extra extending long-hair trimmer Automatic voltage adjustment 100-240 V 45 min. shaving capacity 60 min. quick charge NiCd accumulator, over-charge protection Optical re-charge request, charge indicator On/off lock, travelling etui, mains cable Cleaning brush, user instructions
DESIGNO FX3 A/N • 1 LED EAN No. 400367243035 5 	6595	RPY 6595	Foil-trimmer-foil Separately driven shaving parts Removable shaving parts Vibration system Counter-directional cutters Extra extending long-hair trimmer Automatic voltage adjustment 100-240 V 45 min. shaving capacity 60 min. quick charge NiCd accumulator, over-charge protection Full-charge indicator, charge indicator On/off lock, travelling etui, mains cable Cleaning brush, user instructions
DESIGNO FX3 Mains EAN No. 400367243036 2 	6395	RPY 6395	Foil-trimmer-foil Separately driven shaving parts Removable shaving parts Vibration system Counter-directional cutters Extra extending long-hair trimmer Automatic voltage adjustment 100-240 V On/off lock, travelling etui, mains cable Cleaning brush, user instructions
DESIGNO FX1 A/N • 1 LED EAN No. 400367243037 9 	5595	RPY 5595	Single foil Vibration system Extra extending long-hair trimmer Automatic voltage adjustment 100-240 V 45 min. shaving capacity 60 min. quick charge NiCd accumulator, over-charge protection Charge indicator On/off lock, travelling etui, mains cable Cleaning brush, user instructions



Model	Type	Order No.	Specifications
<p>DESIGNO FX1 Mains EAN No. 400367243038 6</p> 	5395	RPY 5395	<p>Single foil Vibration system Extra extending long-hair trimmer Automatic voltage adjustment 100-240 V On/off lock, travelling etui, mains cable Cleaning brush, user instructions</p>
<p>PRO avantgarde Colour: chrome, mat EAN No. 400367243018 8</p> 	8895	RPY 8895	<p>Battery and mains operation Modern design, ergonomic Metal shaving head frame Vibra-rotation-system Rolling shutter, protection and on/off switch in one Cutter blade with optimum cutting angle Battery charge indicator, LCD Platinum-plated shaver blade 2-stage combi-cut trimmer 12-24 Volt charging voltage for car and boat Mains operation (100-240 Volt) is possible 60 min. quick charge Deluxe case with mirror incl. wall bracket</p>
<p>PRO avantgarde Colour: anthracite EAN No. 400367243019 5</p> 	8695	RPY 8695	<p>Battery and mains operation Modern design, ergonomic Metal shaving head frame Vibra-rotation-system Rolling shutter, protection and on/off switch in one Cutter blade with optimum cutting angle 2-LED battery charge and full-charge indicator and re-charge request Platinum-plated shaver blade 2-stage combi-cut trimmer 12-24 Volt charging voltage for car and boat Mains operation (100-240 Volt) is possible 60 min. quick charge Deluxe case with mirror</p>
<p>PRO avantgarde Colour: chrome, mat EAN No. 400367243021 8</p> 	8375 FL	RPY 8375	<p>Mains operation Modern design, ergonomic Metal shaving head frame Vibra-rotation-system Rolling shutter, protection and on/off switch in one Cutter blade with optimum cutting angle Platinum-plated shaver blade 2-stage combi-cut trimmer Automatic voltage adjustment 100-240 V Deluxe case with mirror</p>

Model	Type	Order No.	Specifications
PRO avantgarde Colour: silver blue-metallic EAN No. 400367243009 6 	7685	RPY 7685	Battery and mains operation Modern design, ergonomic Glass-fibre reinforced shaving head frame Vibra-rotation-system Rolling shutter, protection and on/off switch in one Cutter blade with optimum cutting angle 2-LED battery charge and full-charge indicator and re-charge request Platinum-plated shaver blade 2-stage combi-cut trimmer 12-24 Volt charging voltage for car and boat Mains operation (100-240 Volt) is possible 60 min. quick charge Modern travelling etui
PRO avantgarde Colour: dark-blue, specks EAN No. 400367243011 9 	7385	RPY 7385	Mains operation Modern design, ergonomic Glass-fibre reinforced shaving head frame Vibra-rotation-system Rolling shutter, protection and on/off switch in one Cutter blade with optimum cutting angle Platinum-plated shaver blade 2-stage combi-cut trimmer Automatic voltage adjustment 100-240 V Modern travelling etui
sportsline 6563 Colour: blue EAN No. 400367240850 7 	6563	RPY 6563	Battery and mains operation Double head Glass-fibre reinforced shaving head frame Shaving foil basket Charge indicator (LED) Battery full-charge indicator (on completion of the charging process the signal lamp flashes) 60 min. battery quick charge 12-24 Volt charging voltage for car and boat Mains operation (100-240 Volt) is possible Far extending long-hair trimmer Elegant flat case with flap for cable
sportsline 6363 Colour: blue EAN No. 400367240849 1 	6363	RPY 6363	Mains operation Double head Glass-fibre reinforced shaving head frame Shaving foil basket Switchable from 110/120 to 220/240 Volt Far extending long-hair trimmer Elegant flat case with flap for cable


Model	Type	Order No.	Specifications
roltronic journey EAN 400367238248 7 EAN 400367238247 0 EAN 400367242076 9	6155 6154 6163	RPY 6155 RPY 6154 RPY 6163	Colour: bordeaux, bi-color design Colour: petrol, bi-color design Colour: black Battery operation Rolling shutter, protection and on/off switch in one Shaving foil basket Superflat shape Battery operation with 2 mignon cells or 2 NiCd cells (not included in the delivery) Integrated cleaning brush
	5563	RPY 5563	Battery and mains operation Glass-fibre reinforced shaving head frame Shaving foil basket Charge indicator (LED) Battery full-charge indicator (on completion of the charging process the signal lamp flashes) 60 min. battery quick charge Mains operation (100-240 Volt) is possible Far extending long-hair trimmer Elegant flat case with flap for cable
single head Colour: green EAN No. 400367240848 4			
	5582	RPY 5582	Battery and mains operation Glass-fibre reinforced shaving head frame Shaving foil basket Charge indicator (LED) Battery full-charge indicator (on completion of the charging process the signal lamp flashes) 60 min. battery quick charge 12-24 Volt charging voltage for car and boat Mains operation (100-240 Volt) is possible Far extending long-hair trimmer Travelling etui
single head Colour: black-line EAN No. 400367243016 4			
			

Hair Trimmers



Model	Type	Order No.	Specifications
hairstyle Colour: black/silver EAN No. 400367243023 2	4595	RPY 4595	Battery and mains operation - top class Charging station (and appliance holder in one) Solid detachable blade set Precision-ground for an extremely long lifetime "Green" power cell in line with the environment (approx. 50 min. operating time) Mains operation (100-240 Volt) is possible Attachable comb with 8 steps Integrated cutting length adjustment, possible settings 2, 4, 7, 10, 13, 16, 22 mm Practical case Small oil bottle and small cleaning brush
			

Model	Type	Order No.	Specifications
hairstyle Colour: black/silver EAN No. 400367243024 9 	4395	RPY 4395	Mains operation - top class Solid detachable blade set Precision-ground for an extremely long lifetime Automatic voltage adjustment 100-240 V Attachable comb with 8 steps Integrated cutting length adjustment, possible settings 2, 4, 7, 10, 13, 16, 22 mm Practical case Small oil bottle and small cleaning brush
hairstyle Colour: black EAN No. 400367242402 6 	4355 ME	RPY 4355 ME	Mains operation 0.1 - 3 mm cutting length adjustable on trimmer Solid blade set Vario comb 4 - 18 mm Small oil bottle, small cleaning brush


Beard Trimmers

Model	Type	Order No.	Specifications
beard trimmer, mains Colour: black EAN No. 400367243020 1 	4392	RPY 4392	Mains operation Detachable solid blade set Detachable vario comb, 5 possible settings from 3 to 15 mm Travelling case Small oil bottle, small cleaning brush




Lady Shavers/Epilation

Model	Type	Order No.	Specifications
lady care wet & dry Colour: mint EAN No. 400367240626 8 	2465 FL	RPY 2465	Battery operation For wet and dry shave Charging station / appliance holder "Green" power cell (NiMH) in line with the environment Multi-functional improved shaving system for - the arms - the legs - the armpit zone - and bikini line hairs Elegant soft pouch and small cleaning brush
lady care wet & dry Colour: turquoise EAN No. 400367240625 1 	2165 FL	RPY 2165	Battery operation For wet and dry shave Battery operation with 2 mignon cells or with 2 NiCd cells (not included in the delivery) Multi-functional improved shaving system for - the arms - the legs - the armpit zone - and bikini line hairs Elegant soft pouch and small cleaning brush






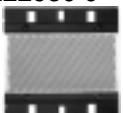


Hair Dryers

Model	Type	Order No.	Specifications
hairdress professional 1500 hairdryer Colour: blue EAN No. 400367241581 9 	3765	RPY 3765	1500 W longlife motor 230 V, 50-60 Hz Professional hairdressers results with profi features 3 heat settings (incl. real cold) Two speed settings Extremely narrow concentrator nozzle Extra long cable (3 metres) Removable air inlet grille Hanging loop
freestyle 6 in 1 Colour: white/calypso-red EAN No. 400367239410 7 	3455	RPY 3455	Hair styling set with many applications Six different attachments for styling <ul style="list-style-type: none"> - zig-zags - curls - waves - spirals - straightening - crimps
jazz Colour: titan look EAN No. 400367243048 5 	3395	RPY 3395	1200 Watt
blues Colour: metallic look EAN No. 400367243047 8 	3394	RPY 3394	1200 Watt





Oral Hygiene

Model	Type	Order No.	Specifications
vario clean family timer EAN No. 400367243013 3 	1387	RPY 1387	Electric toothbrush, battery operation Optimum plaque removal Works on oscillating round brush principle Vario clean: 2 brushing levels: - 70° Intensive (for healthy gums) - 40° Care (for sensitive gums and for massaging the gums) - 4 attachable toothbrushes Brush with recessed inner bristles for optimum adaptation to the shape of the tooth Multiluft bristles with optimum rounding Timer and battery charge indicator Red diode flashes when reaching the minimum cleaning time, green diode lights when charging Cap protecting the attachable brushes from dust Automatic voltage adapter 100 to 240 Volt 1 hour operating time when fully charged
vario clean single EAN No. 400367243014 0 	1383	RPY 1383	Electric toothbrush, battery operation Optimum plaque removal Works on oscillating round brush principle Vario clean: 2 brushing levels: - 70° Intensive (for healthy gums) - 40° Care (for sensitive gums and for massaging the gums) - 1 attachable toothbrush Brush with recessed inner bristles for optimum adaptation to the shape of the tooth Multiluft bristles with optimum rounding Cap protecting the attachable brush from dust Automatic voltage adapter 100 to 240 Volt 1 hour operating time when fully charged
Replacement brush set EAN No. 400367241358 7 	GS 13	RPZ 1300	Replacement brushes for vario clean 1387, 1383, 1365 (SL) With extra brush head, exchangeable (doubled lifetime) Brush with ring of coloured bristles available in four different colours: mint, blue, red, lilac Brush with recessed inner bristles for optimum adaptation to the shape of the tooth *sold only in packing units





Accessories - Men's Shavers

Shaver Blades	Type	Order No.	Specifications
EAN No. 400367243040 9	GS 71	RPS 7100	Shaving foil for 6695, 6595, 6395
EAN No. 400367240734 0	GS 53	RPS 5300	Shaving foil for 5595, 5582, 5563, 5395, 5365
EAN No. 400367232794 5 	GS 80	RPS 8000	Shaving foil basket platinum-plated for roltronic PRO 8835, 8635, 8345, 8335, 7658, 7645, 7345 PRO avantgarde 8875, 8675, 8375, 7685, 7585, 7385
EAN No. 400367243015 7 	GS 80 C	RPS 8000 C	Shaving foil basket platinum-plated with combi cut Foil geometry for "problem hairs" roltronic PRO 8835, 8635, 8345, 8335, 7658, 7645, 7345 PRO avantgarde 8875, 8675, 8375, 7685, 7585, 7385
EAN No. 400367238601 0 	GS 63	RPS 6300	Shaving foil basket platinum-plated for double head plus, 6655, 6355, sportsline 6563, 6363, 6775
EAN No. 400367240734 0 	GS 53	RPS 5300	Shaving foil basket for single head 5563, 5363
EAN No. 400367226732 6 	GS 21	RPY 2400	Shaving foil basket platinum-plated for Alpha 3, Beta 3, roltronic, all G 8255 roltronic Universal G 8264 - C/D/E/EK/G, G 8265/8267 G 8242/G 8243 6335/6536 6154/6155/6163
EAN No. 400367225263 6 	GS 20	RPY 1700	Shaving foil basket platinum-plated for Alpha 1/2, Beta 1/2, roltronic G 8254 roltronic Universal G 8264/A und B Accent
EAN No. 400367222930 0 	GS 16	RPV 1300	Shaving blade for Delta G 8262, G 8263
EAN No. 400367222929 4 	GS 14	RPV 1200	Shaving blade for Gamma G 8240, G 8241
EAN No. 400367222928 7 	GS 3	RPV 1100	Shaving blade for Alpha G 8225, G 8229 and Beta G 8234, G 8235

Cutter Blocks	Type	Order No.	Specifications
EAN No. 400367243039 3	GS 70	RPS 7000	Cutter blocks for 6695, 6595, 6395
EAN No. 400367243042 3	GS 73	RPS 7300	Cutter block for 5595, 5395
EAN No. 400367232795 2 	GS 81	RPS 8100	Precision-ground cutter for roltronic PRO 8835, 8635, 8345, 8335, 7658, 7645, 7345 PRO avantgarde 8875, 8675, 8375, 7685, 7585, 7385
EAN No. 400367238602 7 	GS 64	RPS 6400	Cutter blocks for double head plus 6655, 6355
EAN No. 400367240736 4 	GS 68	RPS 6800	Double cutter block for sportsline 6563, 6363, 6775
EAN No. 400367240735 7 	GS 54	RPS 5400	Cutter block for single head 5563, 5363
EAN No. 400367238674 4 	GS 66	RPS 6600	Cutter block for 6154/6155 all roltronic Alpha 1/2/3, Beta 1/2/3, 5543
EAN No. 400367222933 1 	GS 9	RPV 1600	Cutter block for Delta G 8262, G 8263
EAN No. 400367222932 4 	GS 8	RPV 1500	Cutter block for Gamma G 8240, G 8241
EAN No. 400367222931 7 	GS 7	RPV 1400	Cutter block for Alpha G 8225, G 8229 and Beta G 8234, G 8235

Other Accessories	Type	Order No.	Specifications
EAN No. 400367242135 3 	GS 84	RPZ 8400	Wall bracket for PRO avantgarde Colour: black
EAN No. 400367234349 5 	GS 61	RPZ 6100	Wall bracket for roltronic PRO Colour: black
EAN No. 40367239690 3 	GS 67	RPZ 6700	Wall bracket for double head plus 6655, 6355 sportsline 6563, 6363 single head 5563, 5363 Colour: grey
EAN No. 400367241120 0 	GS 83	RPZ 8300	Leather etui for all roltronic PRO

Accessories - Lady Shavers

Cutter Blocks	Type	Order No.	Specifications
EAN No. 400367226731 9 	GS 40	RPY 2300	Shaving system for lady care G 2632, G 2614, G 4270
EAN No. 400367240842 2 	GS 25	RPS 2500	Cutter block for lady care wet & dry 2465, 2165
Foil Baskets	Type	Order No.	Specifications
EAN No. 400367240844 6 	GS 26	RPS 2600	Foil basket for lady care wet & dry 2465
EAN No. 400367240843 9 	GS 27	RPS 2700	Foil basket for lady care wet & dry 2165

Overview of Shaving Components

Men's Shavers	Foil											Cutters													
	GS 82C	GS 80C	GS 74	GS 72	GS 71	GS 63	GS 53	GS 22	GS 21	GS 20	GS 16	GS 14	GS 3	GS 81	GS 73	GS 70	GS 68	GS 66	GS 64	GS 54	GS 9	GS 8	GS 7	GS 18	
8879	■													■											
8875	■	■												■											
8839	■	■												■											
8835	■	■												■											
8675	■	■												■											
8675 MS	■	■												■											
8635	■	■												■											
8375	■	■												■											
8375	■	■												■											
8345	■	■												■											
8335	■	■												■											
7768	■	■												■											
7658	■	■												■											
7685	■	■												■											
7645	■	■												■											
7585	■	■												■											
7385	■	■												■											
7345	■	■												■											
6798	■	■	■											■											
6775	■	■	■			■								■											
6695	■	■	■			■								■											
6655	■	■	■			■								■					■						
6595	■	■	■			■								■											
6563 RS	■	■	■			■								■											
6563	■	■	■			■								■											
6556 (9090)	■	■	■			■								■											
6536	■	■	■			■								■											
6398	■	■	■			■								■											
6395	■	■	■			■								■											
6363	■	■	■			■								■											
6356 (5050)	■	■	■			■								■											
6355	■	■	■			■								■											
6335	■	■	■			■								■											
6163	■	■	■			■								■											**
6155	■	■	■			■								■											**
6154	■	■	■			■								■											**
5595	■	■	■			■								■											
5582	■	■	■			■								■											
5563	■	■	■			■								■											
5543	■	■	■			■								■											
5395	■	■	■			■								■											
5363	■	■	■			■								■											
5336 (5005)	■	■	■			■								■											
5335	■	■	■			■								■											
5334	■	■	■			■								■											
G 8267/AB	■	■	■			■								■											
G 8267/AA	■	■	■			■								■											
G 8265/C	■	■	■			■								■											
G 8265/A + B	■	■	■			■								■											
G 8264/C - G	■	■	■			■								■											
G 8264/A + B	■	■	■			■								■											
G 8263/B	■	■	■			■								■											
G 8262/A	■	■	■			■								■											
G 8261/MC	■	■	■			■								■											
G 8261/A - MB	■	■	■			■								■											

Men's Shavers	Foils										Cutters														
	GS 82C	GS 80C	GS 74	GS 72	GS 71	GS 63	GS 53	GS 22	GS 21	GS 20	GS 16	GS 14	GS 3	GS 81	GS 73	GS 70	GS 68	GS 66	GS 64	GS 54	GS 9	GS 8	GS 7	GS 18	
G 8260/A - C																									
G 8255/A																									
G 8254/Alle																									
G 8251/MC																									
G 8251/A - MB																									
G 8250/A + B																									
G 8242																									
G 8242 gold																									
G 8241																									
G 8240																									
G 8235/all																									
G 8234/all																									
G 8229/all																									
G 8225/all																									

** GS 66 as a replacement for GS 18

Lady Shavers + Epilation	GS 25	GS 26	GS 27	GS 40	GS 41	GS 42	GS 43	GS 44
	Cutter Block	Foil Basket	Foil Basket	Shaving sys.	Rubber ring	Short Hair	Short Hair	Rubber ring
2465	■	■						
2275*								
2255*								
2165	■		■					
2145*								
G 4270				■				
G 2632				■				
G 2614				■				
G 8307							■	■
G 8306					■	■		
G 8305*								

* no accessories available

Hair/Beard Trimmers Blade Sets	GS 47	GS 48	GS 49
4595		■	
4594	■		
4573			
4565		■	
4543	■		
4395		■	
4392	■		
4365		■	
4363	■		
4355 all			■

The most important Spare Parts for GRUNDIG Shavers

Shaver	5363	5543	5563	6363	6563
Designation	Part No.	Part No.	Part No.	Part No.	Part No.
Protective cap	72081 019 2000	72082 012 9000	72081 019 2000	72081 018 4000	72081 018 9000
Shaving head frame	72081 019 3000	72082 013 0000	72081 019 3000	72081 018 5000	72081 018 5000
Motor	72086 007 8000	72086 002 8000	72086 008 8000	72086 007 8000	72086 008 2000
Electronics	-	72086 003 1000	72086 008 4000	-	72086 008 4000
Inside casing	72081 019 4000	-	72081 019 9000	72081 018 6000	72081 019 7000
Decorative parts	72081 019 5000	-	72081 020 0000	72081 018 7000	72081 019 8000
Motion transformer	-	72083 005 4000	72083 009 9000	-	72083 009 9000
Long-hair trimmer	72087 001 0000	72084 003 7000	72087 001 0000	72087 001 0000	72087 001 0000
Cutter block spring	72084 003 9000	72083 005 1000	72084 003 9000	72084 003 9000	72084 003 9000
Sealing	72085 003 3000	72082 005 4000	72085 003 3000	72085 003 3000	72085 003 3000
On - Off slide	72081 018 8000	-	72081 018 8000	72081 018 8000	72081 018 8000
NiCd accumulator	-	72086 001 1000	72086 000 6000	-	72086 000 6000

Shaver	8875	8675 MS	8675	8375	6563 MS
Designation	Part No.	Part No.	Part No.	Part No.	Part No.
Shaving head frame	72082 014 0000	72082 014 0000	72082 014 0000	72082 014 0000	72081 020 1000
Motor	72086 009 1000	72086 009 1000	72086 009 1000	72086 009 1000	72086 008 2000
Electronics	72086 008 7000	72086 008 8000	72086 008 8000	72086 009 0000	72086 008 4000
Inside casing	72081 020 4000	72081 020 5000	72081 020 5000	72081 020 6000	72081 019 7000*
Rear of the casing	72081 020 7000	72081 020 8000	72081 030 4000	72081 020 9000	72081 030 0000
Decorative parts	72081 030 1000	72081 030 2000	72081 030 5000	72081 030 3000	72081 020 2000
Motion transformer	72083 010 0000	72083 010 0000	72083 010 0000	72083 010 0000	72083 010 0000
Long-hair trimmer	72084 004 0000	72084 004 1000	72084 004 4000	72084 004 2000	72084 004 3000
Cutter block spring	-	-	-	-	72084 003 9000
Sealing	72085 002 9000	72085 002 9000	72085 002 9000	72085 002 9000	72085 003 3000
Accumulator compl.	72086 012 8000	72086 012 8000	72086 012 8000	-	72086 001 1000**

*Casing compl. **NiCd accu

Hair and Beard Trimmer Shaver	4143	4345/55	4363	4543	4547
Designation	Part No.	Part No.	Part No.	Part No.	Part No.
Vario comb	72081 010 1000	72083 007 9000	72083 009 8000	72081 010 1000	72083 007 9000
Comb No.: 1	-	-	-	-	72086 007 2000
Comb No.: 3	-	-	-	-	72083 007 8000
Comb 6-9 mm	-	-	-	-	-
Comb 12-15 mm	-	-	-	-	-
Comb	-	72083 007 2000	-	-	-
Blade set	72087 000 7000	72087 000 6000	72087 000 9000	72087 000 5000	-
Electronics	-	-	72086 007 5000	72086 006 0000	72086 006 4000
Motor	72086 012 2000	-	72086 007 4000	72086 005 5000	72086 006 3000
Oscillating armature	-	72086 005 8000	-	-	-
Magnet coil	-	72086 005 6000	-	-	-

Hair Trimmer	4365	4565
Designation	Part No.	Part No.
Body	72088 000 1000	72088 000 2000
Blade set	72087 001 1000	72087 001 1000
Charging station	-	72089 016 3000

Shaver	5334	5335	5543	6355	6655
Spare Part Designation	Part No.	Part No.	Part No.	Part No.	Part No.
Ejector plate left	-	-	-	-	-
Ejector plate right	-	-	-	-	-
Protective cap	72082 005 6000	72082 005 2000	72082 012 9000	72081 016 9000	72081 016 9000
Shaving head frame	72082 007 7000	72082 005 3000	72082 013 0000	72082 012 6000	72082 012 6000
Motor	72086 003 9000	72086 003 9000	72086 002 8000	72086 006 9000	72086 007 1000
Electronics	72086 005 1000	72086 005 1000	72086 003 1000	72086 007 0000	72086 007 2000
Front of the casing	72081 013 3000	72081 013 2000	72081 017 5000	72081 017 0000*	72081 001 9000*
Rear of the casing	72081 004 3000	72081 007 7000	72081 017 6000	-	-
Ejector spring	-	-	-	-	-
Rolling shutter	-	-	-	-	-
Tubular holder	-	-	-	-	-
Cutter block spring	72083 005 1000	72083 005 1000	-	-	-
Motion transformer	72083 005 4000	72083 005 4000	72083 005 4000	72082 012 7000	72082 012 7000
Lang-hair trimmer	72084 002 9000	72084 001 9000	72084 003 7000	72084 003 6000	72084 003 6000

* Casing compl.

Shaver	7345	7645	7658	8335	8345
Spare Part Designation	Part No.	Part No.	Part No.	Part No.	Part No.
Ejector plate left	-	-	-	-	-
Ejector plate right	-	-	-	-	-
Protective cap	-	-	-	-	-
Shaving head frame	72082 011 7000	72082 011 9000	72082 011 2000	72082 011 2000	72082 011 2000
Motor	72086 004 4000	72086 004 4000	72086 004 4000	72086 004 4000	72086 004 4000
Electronics	72086 004 7000	72086 004 8000	72086 004 7000	72086 004 7000	72086 004 7000
Front of the casing	72081 013 7000	72081 013 9000	72081 013 9000	72081 012 1000	72081 001 9000
Rear of the casing	72081 014 1000	72081 014 1000	72081 014 1000	72081 012 4000	72081 012 4000
Ejector spring	-	-	72083 014 8000	72083 014 8000	72083 014 8000
Rolling shutter	72082 012 0000	72082 012 0000	72082 012 0000	72082 011 0000	72082 011 0000
Tubular holder	-	-	-	-	-
Cutter block spring	-	-	-	-	-
Motion transformer	72083 014 6000	72083 014 6000	72083 014 6000	72083 014 6000	72083 014 6000
Lang-hair trimmer	72084 003 1000	72084 003 0000	72084 003 0000	72084 002 7000	72084 002 7000

Shaver	8635	8835
Spare Part Designation	Part No.	Part No.
Ejector plate left	-	-
Ejector plate right	-	-
Protective cap	-	-
Shaving head frame	72082 011 2000	72083 014 5000
Motor	72086 004 4000	72086 004 4000
Electronics	72086 004 8000	72086 004 3000
Front of the casing	72081 012 2000	72081 011 9000
Rear of the casing	72081 012 9000	72081 011 2000
Ejector spring	72083 014 8000	72083 014 8000
Rolling shutter	72082 011 0000	72082 010 9000
Tubular holder	-	-
Cutter block spring	-	-
Motion transformer	72083 014 6000	72083 014 6000
Lang-hair trimmer	72084 002 7000	72084 002 6000

Exchange products:

All Hairdress products
 freestyle 6 in 1
 roltronic journey 6154/6155
 All lady care products
 Except: lady care 2632

Calendar 2000

January	February	March	April	May	June
1 Sa New Year	1 Tu	1 We 9	1 Sa	1 Mo 1st May	1 Th
2 Su	2 We 5	2 Th	2 Su	2 Tu	2 Fr
3 Mo	3 Th	3 Fr	3 Mo	3 We 18	3 Sa
4 Tu	4 Fr	4 Sa	4 Tu	4 Th	4 Su
5 We 1	5 Sa	5 Su	5 We 14	5 Fr	5 Mo
6 Th	6 Su	6 Mo	6 Th	6 Sa	6 Tu
7 Fr	7 Mo	7 Tu	7 Fr	7 Su	7 We 23
8 Sa	8 Tu	8 We 10	8 Sa	8 Mo	8 Th
9 Su	9 We 6	9 Th	9 Su	9 Tu	9 Fr
10 Mo	10 Th	10 Fr	10 Mo	10 We 19	10 Sa
11 Tu	11 Fr	11 Sa	11 Tu	11 Th	11 Su Whit Sunday
12 We 2	12 Sa	12 Su	12 We 15	12 Fr	12 Mo Whit Monday
13 Th	13 Su	13 Mo	13 Th	13 Sa	13 Tu
14 Fr	14 Mo	14 Tu	14 Fr	14 Su	14 We 24
15 Sa	15 Tu	15 We 11	15 Sa	15 Mo	15 Th
16 Su	16 We 7	16 Th	16 Su	16 Tu	16 Fr
17 Mo	17 Th	17 Fr	17 Mo	17 We 20	17 Sa
18 Tu	18 Fr	18 Sa	18 Tu	18 Th	18 Su
19 We 3	19 Sa	19 Su	19 We 16	19 Fr	19 Mo
20 Th	20 Su	20 Mo	20 Th	20 Sa	20 Tu
21 Fr	21 Mo	21 Tu	21 Fr Good Friday	21 Su	21 We 25
22 Sa	22 Tu	22 We 12	22 Sa	22 Mo	22 Th
23 Su	23 We 8	23 Th	23 Su Easter Sunday	23 Tu	23 Fr
24 Mo	24 Th	24 Fr	24 Mo Easter Monday	24 We 21	24 Sa
25 Tu	25 Fr	25 Sa	25 Tu	25 Th	25 Su
26 We 4	26 Sa	26 Su	26 We 17	26 Fr	26 Mo
27 Th	27 Su	27 Mo	27 Th	27 Sa	27 Tu
28 Fr	28 Mo	28 Tu	28 Fr	28 Su	28 We 26
29 Sa	29 Tu	29 We 13	29 Sa	29 Mo	29 Th
30 Su		30 Th	30 Su	30 Tu	30 Fr
31 Mo	Th	31 Fr	Mo	31 We 22	Sa

Fair Dates:

20.01. Hotelier des Jahres, Frankfurt
 07.02.-11.02. Hotelympia, London
 14.02.-15.02. Expert, Karlsruhe
 16.02.-18.02. Eurhotec, Lausanne
 18.02.-20.02. ElectronicPartner, Düsseldorf

24.02.-01.03. CeBIT, Hannover
 01.03.-09.03. Int. Trade Fair, Kairo
 02.03.-12.03. Automobilsalon, Genf
 25.03.-30.03. Interfunk, Oberstdorf
 06.04.-09.04. Telering, Bonn
 12.04.-14.04. ANGA Cable, Berlin Estrol Hotel

14.04.-15.04. Ruefach, Nürnberg
 14.04.-16.04. AEF Satellite, Istanbul
 02.05.-05.05. Arabian Travel Market, Dubai
 05.05.-07.05. Der Neue Planet, Würzburg
 15.05.-17.05. Cable & Satellite, London
 06.06.-08.06. LOGIN, Berlin

Fair Dates
 E. & O.E.

Calendar 2000

July	August	September	October	November	December
1 Sa	1 Tu	1 Fr	1 Su	1 We 44	1 Fr
2 Su	2 We 31	2 Sa	2 Mo	2 Th	2 Sa
3 Mo	3 Th	3 Su	3 Tu Day of German unity	3 Fr	3 Su
4 Tu	4 Fr	4 Mo	4 We	4 Sa	4 Mo
5 We 27	5 Sa	5 Tu	5 Th	5 Su	5 Tu
6 Th	6 Su	6 We 36	6 Fr 40	6 Mo	6 We 49
7 Fr	7 Mo	7 Th	7 Sa	7 Tu	7 Th
8 Sa	8 Tu	8 Fr	8 Su	8 We 45	8 Fr
9 Su	9 We 32	9 Sa	9 Mo	9 Th	9 Sa
10 Mo	10 Th	10 Su	10 Tu	10 Fr	10 Su
11 Tu	11 Fr	11 Mo	11 We	11 Sa	11 Mo
12 We 28	12 Sa	12 Tu	12 Th	12 Su	12 Tu
13 Th	13 Su	13 We 37	13 Fr 41	13 Mo	13 We 50
14 Fr	14 Mo	14 Th	14 Sa	14 Tu	14 Th
15 Sa	15 Tu	15 Fr	15 Su	15 We 46	15 Fr
16 Su	16 We 33	16 Sa	16 Mo	16 Th	16 Sa
17 Mo	17 Th	17 Su	17 Tu	17 Fr	17 Su
18 Tu	18 Fr	18 Mo	18 We 42	18 Sa	18 Mo
19 We 29	19 Sa	19 Tu	19 Th	19 Su	19 Tu
20 Th	20 Su	20 We 38	20 Fr	20 Mo	20 We 51
21 Fr	21 Mo	21 Th	21 Sa	21 Tu	21 Th
22 Sa	22 Tu	22 Fr	22 Su	22 We 47	22 Fr
23 Su	23 We 34	23 Sa	23 Mo	23 Th	23 Sa
24 Mo	24 Th	24 Su	24 Tu	24 Fr	24 Su Cristmas
25 Tu	25 Fr	25 Mo	25 We 43	25 Sa	25 Mo Cristmas
26 We 30	26 Sa	26 Tu	26 Th	26 Su	26 Tu Cristmas
27 Th	27 Su	27 We 39	27 Fr	27 Mo	27 We 52
28 Fr	28 Mo	28 Th	28 Sa	28 Tu	28 Th
29 Sa	29 Tu	29 Fr	29 Su	29 We 48	29 Fr
30 Su	30 We 35	30 Sa	30 Mo	30 Th	30 Sa
31 Mo	31 Th	Su	31 Tu	Fr	31 Su New Year Eve

Fair Dates:

05.09.-07.09. DMS, Essen
 06.09.-09.09. Elektrotechnika, Dortmund
 06.09.-10.09. Automechanika, Frankfurt
 13.09.-24.09. Comptoir Suisse, Lausanne
 26.09.-30.09. ORBIT, Basel

01.10.-09.10. Int. Trade Fair, Teheran
 04.10.-06.10. efa, Leipzig
 28.10.-05.11. Consumenta, Nürnberg
 05.11.-09.11. HOGATEC, Düsseldorf
 22.11.-25.11. MEDICA, Düsseldorf
 28.11.-29.11. Moderner Staat, Berlin

Fair Dates
E. & O.E.

