

GLOBAL TV

SDA 5222 – A014 C34

BORDO

PLL Tuner

Mono/BTSC Stereo

Closed Caption

Pal MN, Ntsc M

Direct Channel Entry

Air, Cable STD/HRC/IRC (181) Channels

OPTION & ADJUST Setting Tables

OPTION 00

B7: Ina = x

B6: Inb = x

B5: Inc = x

B4: Akb = 0

B3: Foa = x

B2: Fob = x

B1: Xa = x (0)

B0: Xb = x (1)

OPTION 01

B7: Frf = 1

B6: Frs = 1

B5: Dl = x

B4: Stb = x

B3: Poc = x

B2: Cm2 = x

B1: Cm1 = x

B0: Cm0 = x

OPTION 02

B7: Oso = 0

B6: Vsd = 0

B5: Cb = 0

B4: Bls = 0

B3: Bks = 0

B2: Ie1 = x

B1: Afw = x

B0: Bb = 0

OPTION 03

B7: Hob = x (0)

B6: Bps = 0

B5: Acl = x

B4: Cmb = note 1

B3: Ast = x

B2: Cl2 = 1

B1: Cl1 = 1

B0: Cl0 = 0

note 1:

0 = Comb filter disabled

1 = Comb filter enabled

OPTION 04

B7: Ifs = x

B6: Mod = x

B5: Vsw = x

B4: Sm = x

B3: Ds = 0

B2: Dsa = 0

B1: Fav = 0

B0: Lfa = x

OPTION 05

B7: Avl = note 1

B6: Hbl = x

B5: Vim = x

B4: Gai = note 2

B3: Nci = x

B2: Stm = x

B1: Vid = x

B0: Lbm = 0

note 1:

0 = Stereo (AVL from TDA9855)

1 = Mono (AVL from TDA884X)

note 2:

0 = CTI disabled

1 = CTI available

OPTION 06

B7: Hco = x

B6: Evg = 0

B5: Sbl = x

B4: Prd = x

B3: Mat = note 1

B2: Rbl = x

B1: Cor = x

B0: Aen = x

note 1:

0 = If only PAL

1 = Else

OPTION 07

B7: PK = note 1

B6: CC = note 2

B5: L1 = note 3

B4: L0 = note 3

B3: CL = note 4

B2: Comb = note 5

B1: Svhs = note 6

B0: Av = note 7

note 1:

PK = Power/Menu Key (5th local Key)

0 = Menu Key

1 = Power Key

note 2:

CC = Closed Caption

0 = Not available

1 = Available

note 3:

L1,L0 = Language

0,0 = English

0,1 = Spanish

1,0 = French

1,1 = Portuguese

note 4:

CL = Child Lock

0 = Off

1 = On (Active)

note 5:

Comb = Comb filter

0 = Not supported

1 = Available

note 6:

0 = Svhs not supported

1 = Svhs available

note 7:

0 = AV not supported

1 = AV available

OPTION 08

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner control 1 byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1336 1 0 0 0 1 1 1 0

Samsung TECC1040PG26A 1 0 0 0 1 1 1 0

Thomson CTT5050 1 0 0 0 1 1 1 0

OPTION 09

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner control 2 low byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1336 0 0 0 0 1 0 0 1

Samsung TECC1040PG26A 0 0 0 0 0 0 0 1

Thomson CTT5050 0 0 0 0 0 0 1 1

OPTION 10

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner control 2 mid byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1336 0 0 0 0 1 0 1 0

Samsung TECC1040PG26A 0 0 0 0 0 0 1 0

Thomson CTT5050 0 0 0 0 0 1 1 0

OPTION 11

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner control 2 high byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1336 0 0 0 0 0 1 0 0

Samsung TECC1040PG26A 0 0 0 0 1 0 0 0

Thomson CTT5050 1 0 0 0 0 1 0 1

OPTION 12

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner VHF LOW - VHF HIGH crossover low byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1336 1 1 0 0 0 0 0 0 (C0 hex)

Samsung TECC1040PG26A 0 0 0 0 0 0 0 0

Thomson CTT5050 0 0 0 0 0 0 0 0

OPTION 13

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner VHF LOW - VHF HIGH crossover high byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1336 0 0 0 0 1 0 1 1 (0B hex)

Samsung TECC1040PG26A 0 0 0 0 0 0 0 0

Thomson CTT5050 0 0 0 0 0 0 0 0

OPTION 14

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner VHF HIGH - UHF crossover low byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1336 1 0 0 0 0 0 0 0 (80 hex)

Samsung TECC1040PG26A 0 0 0 0 0 0 0 0

Thomson CTT5050 0 0 0 0 0 0 0 0

OPTION 15

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner VHF HIGH - UHF crossover high byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1336 0 0 0 1 1 0 1 1 (1B hex)

Samsung TECC1040PG26A 0 0 0 0 0 0 0 0

Thomson CTT5050 0 0 0 0 0 0 0 0

ADJUST 00-22

ADJUST 00 = White Point RED

ADJUST 01 = White Point GREEN

ADJUST 02 = White Point BLUE

ADJUST 03 = AGC

ADJUST 04 = IF-PLL Negative

ADJUST 05 = Y-Delay PAL

ADJUST 06 = Y-Delay NTSC

ADJUST 07 = Y-Delay OTHER

ADJUST 08 = Vertical Zoom

ADJUST 09 = Vertical Scroll

ADJUST 10 = Horizontal Shift

ADJUST 11 = Vertical Slope

ADJUST 12 = Vertical Amplitude

ADJUST 13 = S-correction

ADJUST 14 = Vertical Shift

ADJUST 15 = EW Width

ADJUST 16 = EW Parabola Width

ADJUST 17 = EW Corner Parabola

ADJUST 18 = EW Trapezium

ADJUST 19 = Composite Input Level

ADJUST 20 = Wideband Adjust

ADJUST 21 = Spectral Adjust

ADJUST 22 = Timing Current Adjust