ORDER NO. ACED9708147

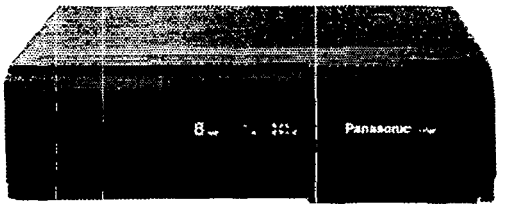
Service Manual

AUTOMOTIVE CONSUMER ELECTRONICS

COMPACT disc DIGITAL AUDIO

CX-DP801EN/DP803EN

8-Disc CD Changer
8-Disc CD-Wechsler



FEATURES

- Miniature 8-disc CD Autochanger.
- With ACC OFF, Eject Function.
- The CD changer can be mounted at any of the following 5 angles: 0° 22.5° 45° 67.5° 90°

MERKMALE

- Kompakter CD-Wechsler für 8 CDs
- Mit ACC OFF-und EJECT-Funktionen
- Der Abtaster kann in fünf verschiedenen Winkeln installiert werden: 0° 22.5° 45° 67.5° und 90°

⚠WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

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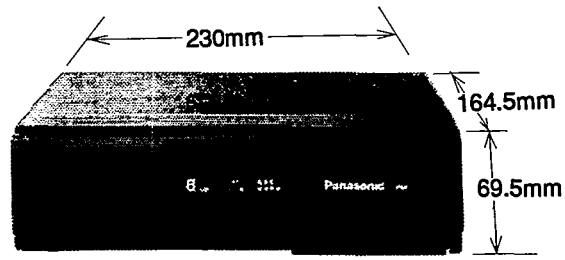
DIMENSIONS / ABMESSUNGEN



Specifications*

General

Power Supply	: 12V DC (11V-16V) Test Voltage 14.4V, Negative Ground
Current consumption	: Less than 1.0A (play mode)
Output Voltage	: 2V rms (1 kHz, 0 dB)
Output Impedance	: 600 ohms
Disc Magazine Unit	: CA-MP801D (included) holds 8 (12cm) discs

CD Changer Unit

Channel	: 2 channels
Frequency Response	: 5 - 20,000Hz (at±1 dB)
Signal to Noise Ratio	: 96 dB
Total Harmonic Distortion	: 0.006% (at 1 kHz)
Wow and Flutter	: Below measurable limit
Sampling Frequency	: 8 times oversampling
Correct System	: Panasonic Super Decoding Algorithm
DA Converter	: MASH•1 bit
Pick-Up Type	: Astigma 1-beam
Light Source	: Semiconductor laser
Wavelength	: 780nm

Dimensions**

CD Changer Unit (W×H×D)	: 230×69.5×164.5mm
Disc Magazine Unit (W×H×D)	: 124×35×129mm

Weight**

CD Changer Unit	: 1.5kg
Disc Magazine Unit	: 0.17kg

* Specifications and the design are subject to possible modification without notice due to improvements.
** Dimensions and weight shown are approximate.

Technische Daten*

Allgemeines

Stromversorgung	: 12V (11V-16V) Gleichspannung, Testpannung 14,4V, negative Erdung
Leistungsaufnahme	: Weniger als 1,0A (Wiedergabe-Betriebsart)
Ausgangsspannung	: 2V effekt. (1kHz, 0 dB)
Ausgangsimpedanz	: 600Ω
CD-Magazin	: CA-MP801D (mitgeliefert) Kann 8 Stück 12 cm-Discs aufnehmen.

CD-Wechsler

Kanal	: 2 Kanäle
Frequenzgang	: 5 - 20.000 Hz (bei ±1 dB)
Signal / Rauschabstand	: 96 dB
Gesamtklirrfaktor	: 0,006% (bei ±1 dB)
Gleichlaufschwankungen	: Nicht meßbar
Abtastfrequenz	: 8-fach Oversampling
Korrektursystem	: Panasonic Super Decording Algorithm
DA-Konverter	: MASH.1 Bit
Abtastertyp	: Astigma 1-Strahl
Lichtquelle	: Halbleiter-Laser
Wellenlänge	: 780nm

Abmessungen**

CD-Wechsler (B×H×T)	: 230×69.5×164.5mm
CD-Magazin (B×H×T)	: 124×35×129mm

Gewicht**

CD-Wechsler	: 1,5kg
CD-Magazin	: 0,17kg

* Bei Konstruktion und technischen Daten Änderungen vorbenhalten.
** Admessungen und Gewicht in angenäherten Werten angegeben.

FUSE

Be sure to use a fuse of the specified rating (3.15A) when replacing a blown fuse. Fuses with higher capacity ratings, use of any substitute, or connection without a fuse may result in a hazard or damage to the unit.

SICHERUNG

Als Ersatz für eine durchgebrannte Sicherung unbedingt eine Sicherung mit dem vorgeschriebenen Nennwert (3,15A) verwenden. Durch den Gebrauch von Sicherungen mit höheren Nennwerten, von Sicherungsersatzteilen oder durch den Anschluß ohne Gebrauch einer Sicherung kann ein Brand oder Geräteschaden verursacht werden.

Laser Products

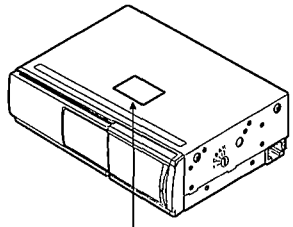
Caution:
This product utilizes a laser.
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser products:

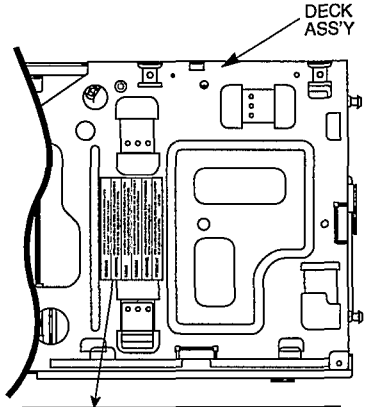
Wave Length	780 nm
Laser Power	No hazardous radiation is emitted with safety protection.

Do not take apart this unit or attempt to make any changes yourself.
This unit is a very intricate device that uses a laser pickup to retrieve information from the surface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet.
Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.

Label Indications and Their Locations



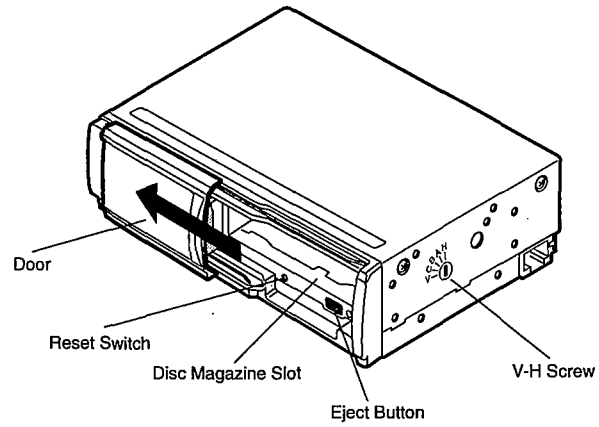
(Located on the top cover.)



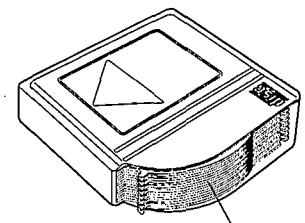
DANGER	INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.
ADVARSEL	USYNLIG LASERSTRÅING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅING.
VARO!	AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTÖTÄ LASERSÄTEILYLLE. ÄLÄKATSO SÄTEESEEN.
VARNING	OSYNLIG LASERSTRÅLNING NAR DENNA DEL AR OPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.
ADVARSEL	USYNLIG LASERSTRÅLNING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.
VORSICHT	UNSICHTBARELASERSTRAHLUNG, WENN ABDECKUNK GEOFFNET. NICHT DEM STRAHL AUSSETZEN. RQLS0120

Location of Controls

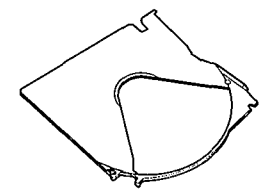
❑ CD Changer Unit



❑ Disc Magazine



❑ Tray



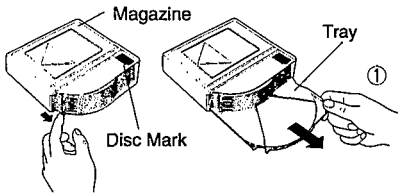
Note: Do not use a 3" (8 cm) compact disc.

Preparations

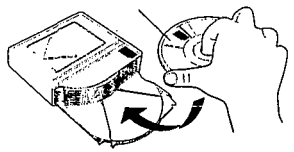
How to load and remove CD Discs

❑ To load a CD Disc

① Place the CD magazine with the disc mark facing upward, and pull out trays one after another from the magazine to the stopper position.
② Place a CD disc on the tray.
③ Push the tray straightforward into the magazine until it clicks in position.



Magazine with the labeled side
(on which music numbers are printed)



Note:
Be careful not to insert more than one disc on a single tray to protect the unit from any unexpected troubles.

❑ To remove a CD Disc

Pull out trays from the magazine to the stopper position, and take a CD disc from each of them by hand.
Be careful not to allow the disc to drop to the ground while taking it out.

Note:
Carefully handle the magazine since discs may be disengaged and come out, if the magazine is placed with its disc-inserting port facing downward.

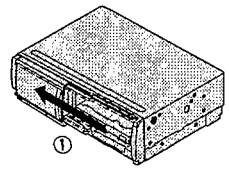
Notes:
- Be sure to use the magazine supplied with the unit as an accessory, or the optional magazine CA-MP801D. Any other magazines can not be used.
- Never use protect film or stabilizer,commercially available as a CD accessory, for the unit because it may cause trouble.

How to Use the CD Changer Unit and Disc Magazine

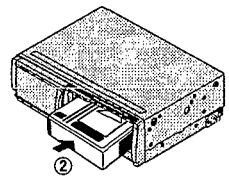
To operate the unit, refer to the operating instructions for your system.

❑ To Load a CD Magazine

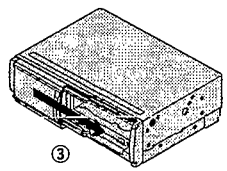
① Slide the door to the left until it is fully open with a click.



② Check the unit for its top and magazine inserting direction, and carefully push the magazine into it until you hear a click.



③ Close the slide door fully until you hear a click.



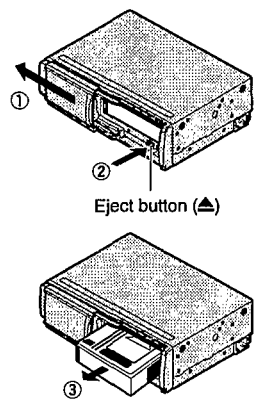
Caution:
Be sure to keep the CD unit door closed to prevent dirt and dust from getting into the unit and causing possible malfunctions.

❑ To Remove a CD Magazine

① Open the slide door.

② Press the eject button (⏏).
The magazine will eject automatically.

③ Pull the magazine straight in the arrow direction until it comes off the unit.

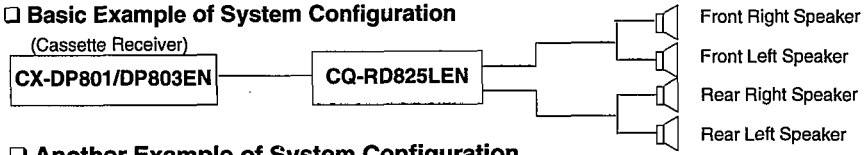


For a description of the functions, refer to the operating instructions for the tuner deck amplifier.

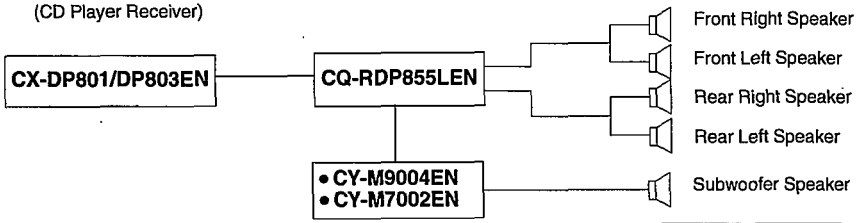
System Diagram

Various types of speakers are available from your dealer. Select the speakers that suit your CD Changer Unit.

❑ Basic Example of System Configuration



❑ Another Example of System Configuration



Notes :
- In addition to the above system diagrams, please consult your dealer.
- This unit cannot be connected to Model CY-RM60EN.

Troubleshooting

❑ Helpful Hints

- The CD changer operates in a temperature range from –10°C (14°F) to 55°C (131°F).
- Improper installation or driving on rough roads may cause the CD changer to skip while playing. This will not damage the disc or the unit.

❑ When Something Doesn't Work

Check the charts on the next page for possible causes and solutions to any problem you might be experiencing. Some simple checks or minor adjustments may eliminate the problem.

❑ Error Display Messages

Display	Description
FULL	Displays if more than 35 numbers are memorized. This only applies when the CD Changer control Receiver/Cassette Player has a memory function.
E1	Displays when the compact disc is dirty or when it is inverted. Next compact disc is automatically selected.
E2	Displays when the compact disc has a scratch on it. Next compact disc is automatically selected.
E3	Displays when the unit stops operating for some reason. Press the eject button of the changer unit.
0000	Displays when there is no disc in the disc magazine.

- **Numbers before E1, E2 are error disc numbers.**
- **Display messages differ among tuner deck amplifiers with a CD changer controller.**

❑ Troubleshooting Guide

PROBLEM	POSSIBLE CAUSE	PROBABLE SOLUTION
No sound is heard when inserting a CD magazine containing a compact disc.	The compact disc is not correctly located.	Place it in the magazine with the labeled side (on which music numbers are printed) facing upward.
	The CD changer is subjected to dewing.	Leave it intact for a while until resuming the operation.
	Cords are not correctly connected.	Check the power cord of the tuner deck amplifier, speaker cords, and other cords for correct connection.
	The CD magazine is not correctly inserted.	Refer to "Preparations" for details.
	The power switch on the tuner deck amplifier is not turned ON.	Turn on the power switch on the tuner deck amplifier.
Music sounds skip due to vibration.	The CD changer is not correctly mounted.	Securely fix the main body with a location almost free from vibration.
	The mounting screws are tightened in the wrong directions.	Set the mark "V" or "H" of the mounting screws to the correct mounting direction.
Sounds skip occasionally.	The compact disc may be defective.	Try other discs. If other discs are correctly reproduced, the first disc is to blame.
	The compact disc is dirty.	Clean the compact disc. Refer to the section of "Note on Compact Discs."
The CD magazine is not ejected.	The CD magazine is defective.	Contact the shop from which you purchased it or your nearest MSC Serviceneter.
No sound is reproduced, even if the CD Play button is pressed of the tuner deck amplifier.	The CD magazine is not correctly inserted.	Attempt to insert the CD magazine correctly.

Electrical Connection

- This system is be used only in a 12-volt. DC Battery system (car) with negative ground.
- Follow the wiring connection diagram. Failure to do so may result in damage to the unit.
- First, connect the extension cord ❶ to the CD changer and then, connect the RCA pin connectors and the extension cord 8p DIN connector to the tuner deck amplifier. Finally, connect the battery cord to a constant power supply.
- Please carefully read the operating and installation instructions of the respective equipment before connecting it to this unit.

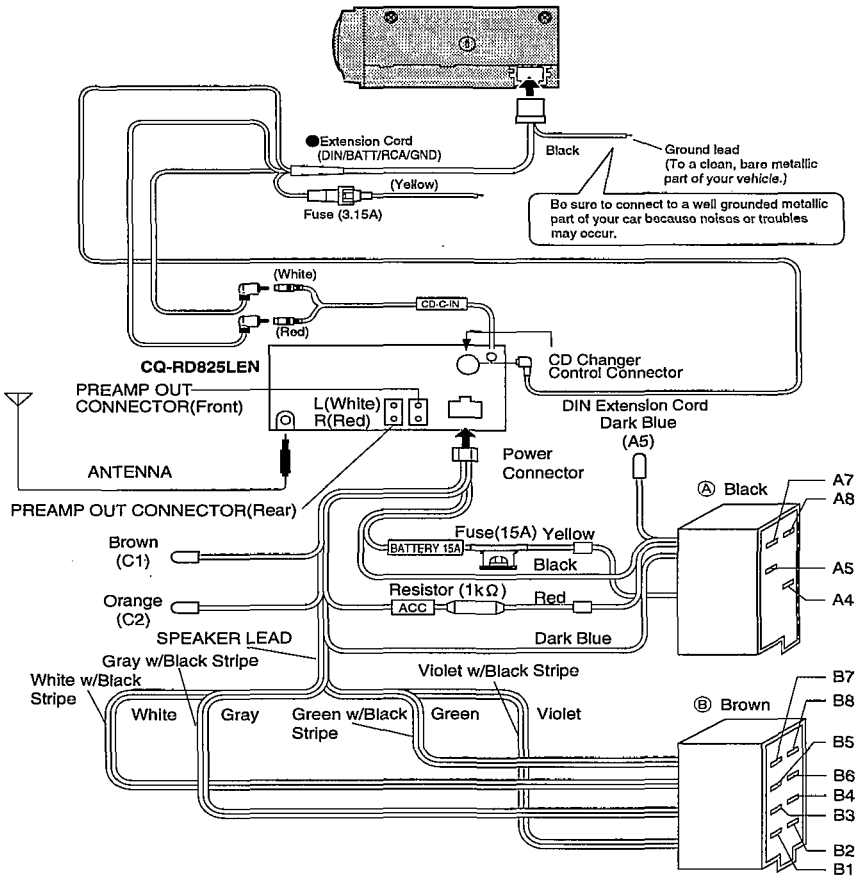
For ordering, please consult your authorized Panasonic Service Center.

In combination with CD Changer Control Receiver/Cassette Player (CQ-RD825LEN)

Wiring Accessory

	Description	Q'ty
❶	Extension Cord (DIN/BATT/RCA/GND)	1

CX-DP801/DP803EN



Loudspeakers (connector B)

	Left +	Left –	Right +	Right –
Front	B5 (White)	B6 (White w/Black Stripe)	B3 (Gray)	B4 (Gray w/Black Stripe)
Rear	B7 (Green)	B8 (Green w/Black Stripe)	B1 (Violet)	B2 (Violet w/Black Stripe)

A4

BATTERY LEAD (To Battery of Car) (Yellow)
Connect to the "BAT" terminal on the fuse block of the car. The power should be supplied continuously to the yellow leads regardless of the on/off position of the ignition key.

A5

MOTOR ANTENNA RELAY CONTROL LEAD (Dark Blue)
(To Motor Antenna) (Max. 500mA)
This lead is not intended for use with switch actuated power antenna.
AMP. RELAY CONTROL POWER LEAD
This lead is for connection to Panasonic power amplifier.

A7

POWER LEAD (Red)
Connect to the "radio" power line of the car or to the "IGN" or "ACC" terminal of the fuse block.

A8

GROUND LEAD (Black)
Connect to a well grounded metallic part of your car.

C1

Horn Alert CONTROL LEAD (Brown)
(To Horn Alert UNIT) (CA-HAL1EN)

C2

TELEPHONE MUTE LEAD (Orange)
(To car telephone mute line)
TELEPHONE MUTE
The telephone mute lead, if connected to the car telephone mute line, will activate the muting circuit and the sound from the speakers cannot be heard while the telephone conversation is in progress.
Note: This telephone mute lead is for connection only to the radio mute line. Be sure to ascertain this because it will not work with other type of output system.

Installation

❑ Precautions

If possible, this equipment should be professionally installed. In case of difficulty, please consult with your nearest professional installer.

1. This unit operates only in a 12-volt DC negative ground system.
2. Before performing installation and wiring, remove the negative (–) terminal of the battery. (See Note Below.)

Note:
Do not disconnect the negative battery terminal in vehicles with trip or navigational computers.
All electronic memory settings previously registered will be lost. Take extra care to avoid short circuiting when installing the unit.

3. Follow the wiring connections diagram carefully to avoid causing damage to the unit.
4. Insulate all exposed wires to prevent short circuiting.
5. Secure all loose wires after installing the unit.
6. **First, connect the extension cord ❶ (supplied) to the CD changer and then, connect the RCA pin connectors and the extension cord 8p DIN connector to the tuner deck amplifier. Finally, connect the battery cord to a constant power supply.**
7. Please carefully read the operating and installation instructions of any equipment connected to this unit.
8. If the unit doesn't work after pressing other buttons, press the reset switch. If pressing the reset switch doesn't restore normal operation, please consult your authorized Panasonic Service Center.

❑ Installation Hardware

	Description	Q'ty
❶	Hex. Bolt with Double Washers (M4 x 8)	4
❷	Base Bracket	2
❸	Hex. Nut (M5)	4
❹	Mounting Bracket (L)	1
❺	Mounting Bracket (R)	1
❻	Double-Faced Adhesive Tape	2

Installation Continued

❑ Installation Location

Do not install this unit on the rear tray of a car where the internal temperature can rise to high levels. Failure to comply with these instructions may cause problems. Also avoid installing the unit in the following locations.

- In areas hit by direct sunlight, hot air from the heater, or any other high-temperature location.
- In an area where you cannot firmly secure the unit, or in high-vibration areas.
- In areas with high humidity or high dirt and dust levels.

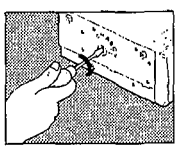
How to install this unit

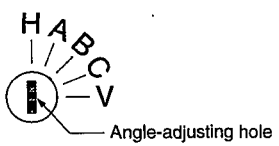
Use a screwdriver to set the angle-adjusting hole to the position "V" or "H," depending on the mounting angle selected. (When shipped from the factory, the angle-adjusting hole is set to the "H" position as default.)

- When setting vertically: Set to the "V" position.
- When setting horizontally: Set to the "H" position.

Caution
- Set the angle-adjusting hole to the same angle as selected.
- Set the holes correctly of the left and right sides without fail.

This unit can be set in the five directions: horizontal, vertical, and the positions A (22.5°), B (45°), and C (67. 5°). Mount the unit by referring to the figures below.



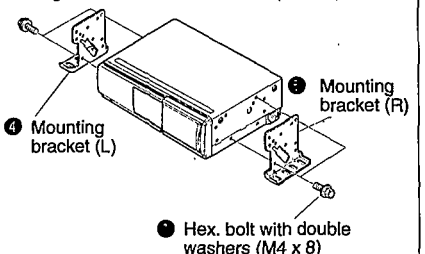


How to install the unit and select the mounting angle

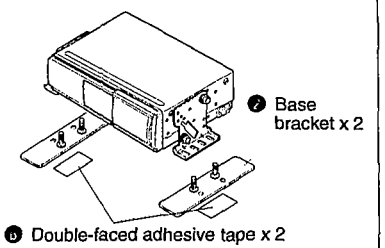
	Installation	Angle	Selecting a mounting angle
Horizontal:	Typical horizontal installation (Normal) (Up-side down)	Limit to less than 10 degrees. Limit to less than 10 degrees.	H A B C V Set the hole to the same positions for both left and right.
Vertical:	Typical vertical installation (Normal) (Up-side down)	Do not tilt in this direction. Limit to less than 10 degrees. Limit to less than 10 degrees.	C B A H V Set the hole to the same positions for both left and right.

Typical horizontal installation

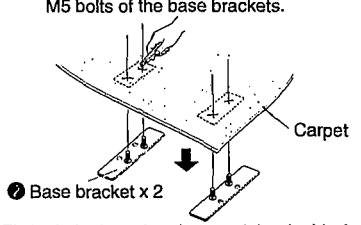
1 Mount a mounting bracket (L) or (R) on either side of the main unit with a hex. bolt together with double washers (M4 x 8).



2 Select a location where the unit should be mounted. Fix the base brackets with a double-faced adhesive tape.

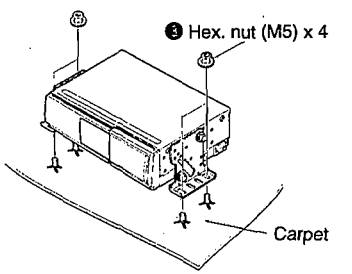


3 Use a cutter to cut a small cross in the carpet in accordance with the locations of the M5 bolts of the base brackets.



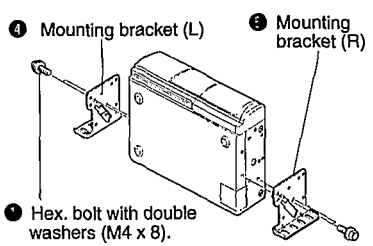
Fix both the base brackets and the double-faced adhesive tape to a mounting surface below the carpet.

4 Mount the unit on the carpet with four hex. nuts (M5).

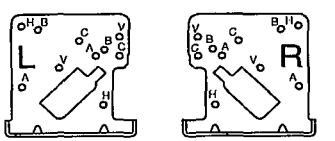


Typical vertical installation

Mount the unit with the mounting bracket on either side with a hex. bolt with double washers (M4 x 8).



Relationship between mounting holes and angles



Mounting bracket (L) **Mounting bracket (R)**

The relationship between mounting holes and angles of the mounting brackets (L and R) is illustrated above. Symbols corresponding to the mounting angles are marked near the respective holes. Select the correct holes in accordance with the mounting angles to be used.

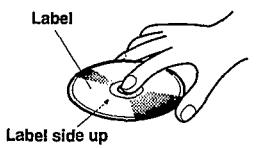
Special Notes

❑ Notes on Compact Discs

USE ONLY DISCS CARRYING THIS LABEL

COMPACT disc DIGITAL AUDIO

- Dirt, dust, scratches and bending of discs will cause misoperation. Handle discs with care.
- Do not place stickers or scratch the disc.
- Do not bend discs.
- Discs should always be kept in their cases when not in use to prevent damage.
- Do not place discs in the following places:
  1. In direct sunlight;
  2. In dirty, dusty and damp areas;
  3. Near the vehicle heater;
  4. On the seats or dashboard.

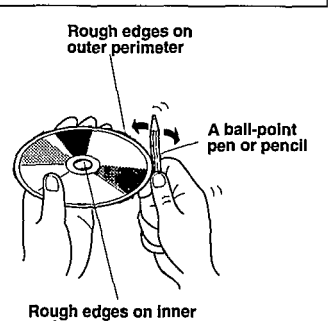


Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is dirty use a soft cloth slightly dampened in iso-propyl (rubbing) alcohol. Never use solvents such as benzine, thinner, conventional record cleaner, or mopper as they may mar the surface of the disc.

❑ Caution for use of a new Disc

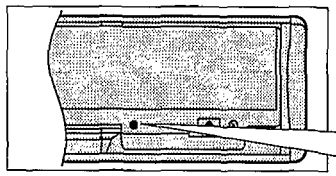
A new disc may have rough edges on its inner and outer perimeter. If a disc with rough edges is used, proper setting will not be possible and the CD player will not play the disc. Therefore, remove the rough edges in advance by using a ball-point pen or pencil as shown on right. To remove the rough edges, press the *side of the pen or pencil against the inner and outer* perimeter of the disc.



Exterior Cleaning

To clean the exterior of this unit, use a soft cloth to wipe the surface. Do not use benzine, thinner, or any other type of solvents.

In case of abnormal operating conditions happen!!



If you hear an abnormal noise or if the disc operating buttons do not function normally, press the Reset Switch using a pointed object, such as a pencil point.

Fuse

Be sure to use a fuse of the specified rating (3.15A) when replacing a blown fuse. Fuses with higher capacity ratings, use of any substitute, or connection without a fuse may result in a hazard or damage to the unit. If the replacement fuse fails, consult your nearest authorized Panasonic Service Center.

Accessories

- 1 disc magazine.
- *Operating and installation instructions.*
- Wiring Accessory (1 set)
- Installation hardwares (1 set)
- Additional magazines are available from your local dealer (CA-MP801D).

TERMINALS DISCRIPTION (1) / KLEMMENBESCHREIBUNG (1)

■ IC2 MN662741RPA

Pin No.	Port	Description	I/O	Vol. (V)
1	BCLK	Bit clock output	O	2.4
2	LRCK	L/R select output	O	2.4
3	SRDATA	Serial data output	O	2.4
4	DV_{DD1}	+5V digital power supply	—	5.0
5	DV_{SS1}	Digital ground	—	0
6	TX	Not used	—	—
7	MCLK	MPU command clock	I	4.9
8	MDATA	MPU command data	I	0.1
9	MLD	MPU command load	I	5.0
10	SENSE	Not used	—	—
11	/FLOCK	Not used	—	—
12	/TLOCK	Not used	—	—
13	BLKCK	Sub-code block clock	O	0.1
14	SQCK	Q code external clock	I	5.0
15	SUBQ	Q code output	O	0
16	DMUTE	Mute input	I	5.0
17	STAT	Status output	O	0
18	/RST	Reset input	I	5.0
19, 20	PMCK	Not used	—	—
21	TRV	Forced traverse output	O	2.5
22	TVD	Traversed drive output	O	2.5
23	PC	Not used	—	—
24	ECM	Spindle motor drive	O	2.5
25	ECS	Spindle motor drive	O	2.5
26	KICK	Kick pulse output	O	2.5
27	TRD	Tracking drive	O	2.5
28	FOD	Focus drive	O	2.5
29	VREF	D/A reference voltage	I	2.5
30	FBAL	Focus balance adjust	O	2.6
31	TBAL	Tracking balance adjust	O	2.4
32	FE	Focus error signal	I	2.4
33	TE	Tracking error signal	I	2.4
34	RFENV	RF envelope signal	I	2.4
35	VDET	Vibration detection	I	0

Pin No.	Port	Description	I/O	Vol. (V)
36	OFT	Off track signal	I	0
37	TRCRS	Track closs signal	I	2.8
38	/RFDET	RF detection signal	I	4.8
39	BDO	Drop out signal	I	0
40	LDON	Laser on/off control	O	2.4
41	TES	Tracking error shunt	O	2.4
42	PLAY	Not used	—	—
43	WVEL	Not used	—	—
44	ARE	RF signal	I	2.4
45	IREF	Reference current input	I	1.2
46	DRF	Connecting to ground	—	0
47	DSLF	DSL loop filter	I/O	2.4
48	PLLF	PLL loop filter	I/O	2.2
49	VCOF	Connecting to V_{DD}	—	5.0
50	AV_{DD2}	+5V analog power supply	—	5.0
51	AV_{SS2}	Analog ground	—	0
52~56		Not used	—	—
57	V_{SS}	Ground	—	0
58	X1	Crystal oscillator	—	2.4
59	X2	Crystal oscillator	—	2.3
60	V_{DD}	+5V power supply	—	5.0
61~69		Not used	—	—
70	/RST2	Connecting to ground	—	0
71	/TEST	Connecting to V_{DD}	—	5.0
72	AV_{DD1}	+5V analog power supply	—	5.0
73	OUTL	Audio Lch output	0	2.4
74	AV_{SS1}	Analog ground	—	0
75	OUTR	Audio Rch output	0	2.4
76	RSEL	Connecting to V_{DD}	I	5.0
77	CSEL	Connecting to ground	—	0
78	PSEL	Serial data input	I	2.4
79	MSEL	L/R select input	I	2.4
80	SSEL	Bit clock input	I	2.4

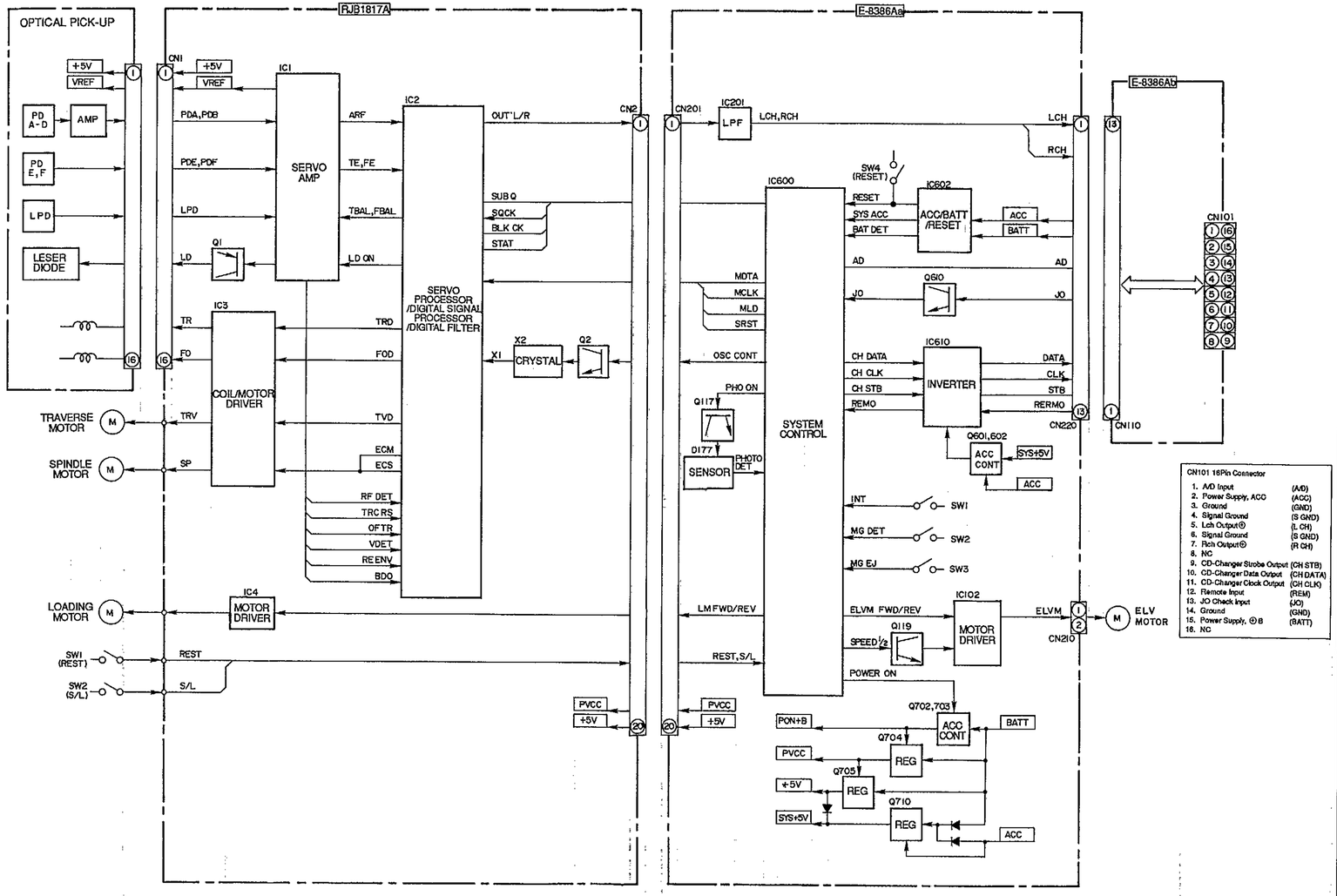
TERMINALS DISCRIPTION (2) / KLEMMENBESCHREIBUNG (2)

■ IC600 UPD78053G200

Pin No.	Port	Dscription	I/O	Vol. (V)
1	TEST EJ (NC)	—	—	—
2	DIP SW (NC)	—	—	—
3	(NC)	—	—	—
4	AVSS	Ground	—	0
5	(NC)	—	—	—
6	(NC)	—	—	—
7	AVREF	+5V Power Supply	—	5.0
8	(NC)	—	—	—
9	CH DATA	Changer Serial Data output	O	5.0
10	CH CLK	Changer Clock Output	O	0
11	SUBQ	Q-Code Data Input	I	0
12	(NC)	—	—	—
13	SQ CK	Q-Code Clock Output	O	5.1
14	CH STB	Changer Strobe output	O	0
15	(NC)	—	—	—
16	(NC)	—	—	—
17	JO	Format Select Input	I	0
18	A/D	Play/Stop Input	I	0
19	(NC)	—	—	—
20	(NC)	—	—	—
21	(NC)	—	—	—
22	(NC)	—	—	—
23	(NC)	—	—	—
24	(NC)	—	—	—
25	ERR OUT (NC)	—	—	—
26	(NC)	—	—	—
27	POWER ON	Power ON Signal Output	O	5.1
28	CD OUT (NC)	—	—	—
29	CD MUTE (NC)	—	—	—
30	(NC)	—	—	—
31	PHO ON	Photo Senser Power Control Output	O	4.9
32	(NC)	—	—	—
33	VSS	Ground	—	0
34	ELVH REV	Elevator Motor Drive Output (Reverse)	O	0
35	ELVH FWD	Elevator Motor Drive Output (Forward)	O	0
36	(NC)	—	—	—
37	AV ON (NC)	—	—	—
38	ELV2.5 SW (NC)	—	—	—
39	(NC)	—	—	—
40	SPEED 2/1	Elevator Motor Speed Control Output	O	5

Pin No.	Port	Dscription	I/O	Vol. (V)
41	TEST CLK	Test Clock Input (Host to Changer)	I	5
42	TEST DATA	Test Clock Output (Changer to Host)	O	5
43	TEST STB	Test Data In/Out	I/O	5
44	MCLK	Servo LSI Command Output (Clock)	O	4.9
45	MDATA	Servo LSI Command Output (Data)	O	0.8
46	MLD	Servo LSI Command Output (Load)	O	5
47	TEST	Test Signal Input	I	5
48	STAT	Servo LSI Status Input	I	4.7
49	SRST	Servo LSI Reset Output	O	5.0
50	RESET SW (NC)	—	—	—
51	TEST1 (NC)	—	—	—
52	TEST2 (NC)	—	—	—
53	LSC CONT	Servo LSI Oscillator Control Output	O	0
54	LM REV	Loading Motor Drive Output (Reverse)	O	0
55	LM FWD	Loading Motor Drive Output (Forward)	O	0
56	S/L SW	Save/Load (S/L) Switch Signal Input	I	0
57	REST SW	REST Switch Signal Input	I	5.0
58	INT SW	INT Switch Signal Input	I	5.0
59	(NC)	—	—	5.0
60	RESET	System Reset Signal Input	I	5.0
61	BLK CK	Servo LSI Block Interrupt	I	0.1
62	PHOTO DET	Photo Sensor Input (for Elevator Position)	I	0.4
63	SYS ACC	ACC Voltage Detection	I	4.9
64	BAT DET	Batt Voltage Detection	I	4.9
65	REMO	Remocon Data Input	I	5.2
66	MG DET SW	Mgazine Detect Switch Signal Input	I	0
67	MG EJ SW	Mgazine Eject Switch Signal Input	I	5.0
68	VDD	+5V Power Supply	—	5.0
69	X2	Main system Clock	O	3.0
70	X1	Main system Clock	I	2.5
71	IC (VPP)	—	—	—
72	XT2 (NC)	—	—	—
73	VDD	+5V Power Supply	—	5.0
74	AVDD	+5V Power Supply	—	5.0
75	AVREF0	+5V Power Supply	—	5.0
76	TEMP (NC)	—	—	—
77	TEST TRUP (NC)	—	—	—
78	TEST TRDWN (NC)	—	—	—
79	TEST DUP (NC)	—	—	—
80	TEST DOWN (NC)	—	—	—

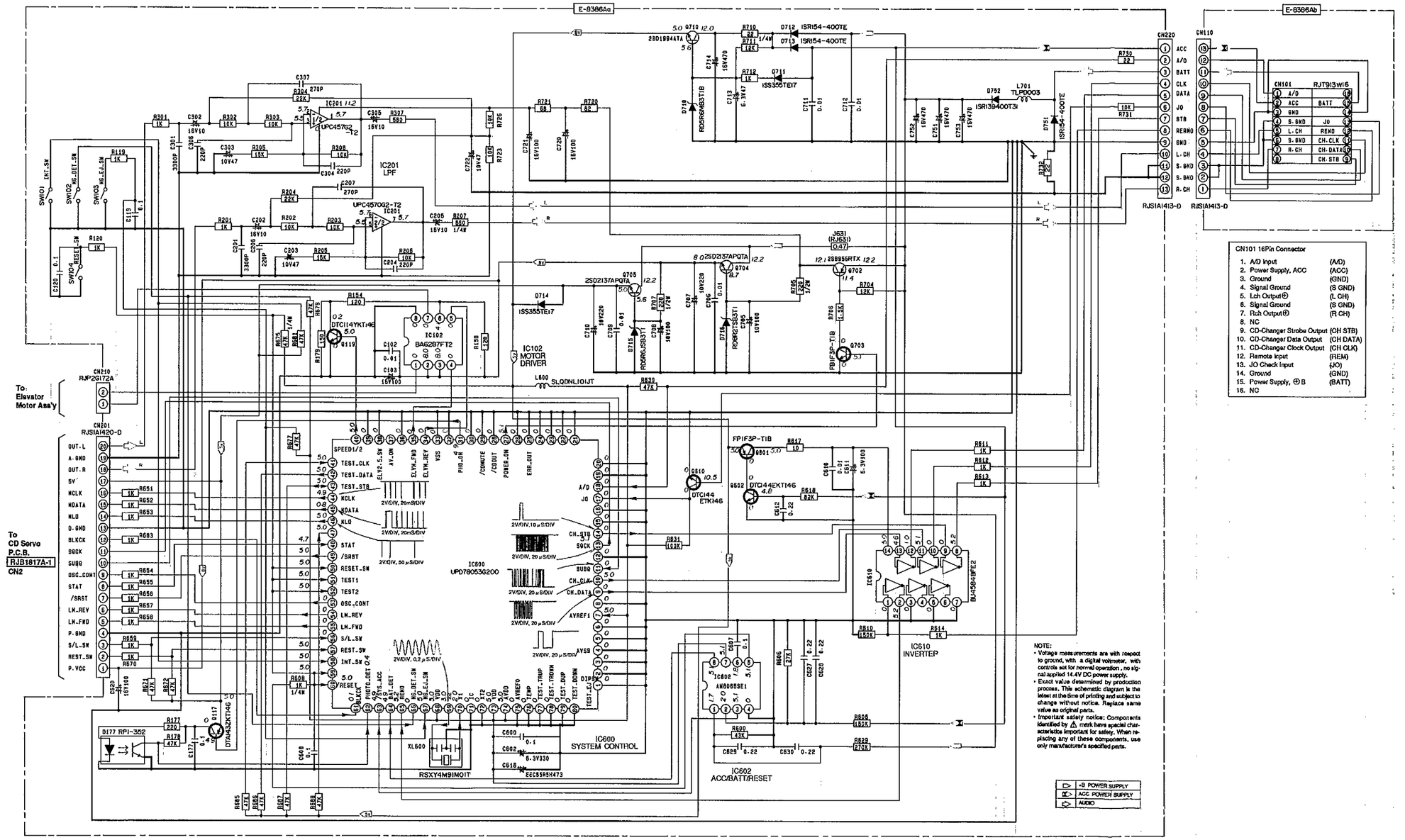
BLOCK DIAGRAM MODELS CX-DP801EN/DP803EN



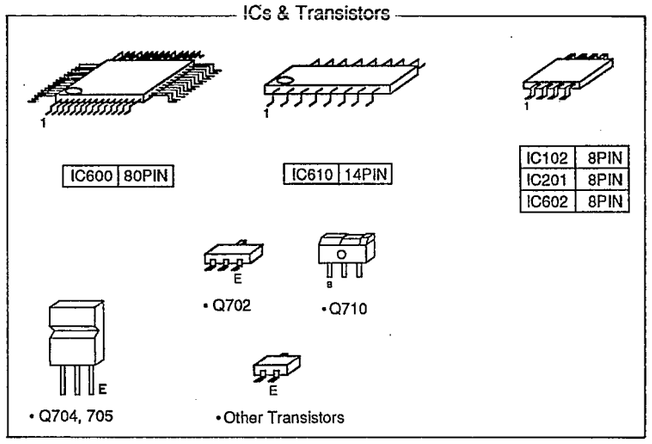
8 DISC CD CHANGER

CX-DP801EN/DP803EN CX-DP801EN/DP803EN

SCHEMATIC DIAGRAM / SCHALTBILT (MAIN BLOCK) MODELS CX-DP801EN/DP803EN



WIRING DIAGRAM / VERDRAHTUNG (MAIN BLOCK) MODELS CX-DP801EN/DP803EN



IC102	
1	0V
2	8.0V
3	8.0V
4	0V
5	0V
6	0.1V
7	0V
8	0V

IC610	
1	0V
2	5.2V
3	0V
4	-
5	0V
6	-
7	0V
8	5.2V
9	0V
10	0V
11	5.1V
12	1.0V
13	5.0V
14	5.0V

Q117	
B	4.9V
C	0V
E	5.0V

Q119	
B	5.0V
C	0.2V
E	0V

Q601	
B	0V
C	5.0V
E	5.0V

Q602	
B	4.8V
C	0V
E	0V

Q610	
B	10.5V
C	0V
E	0V

Q702	
B	11.4V
C	12.1V
E	12.2V

Q703	
B	5.1V
C	0V
E	0V

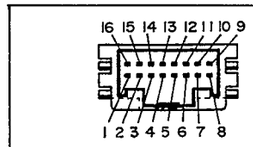
Q704	
B	8.7V
C	12.2V
E	8.0V

Q705	
B	5.6V
C	12.2V
E	5.0V

Q710	
B	5.6V
C	12.0V
E	5.0V

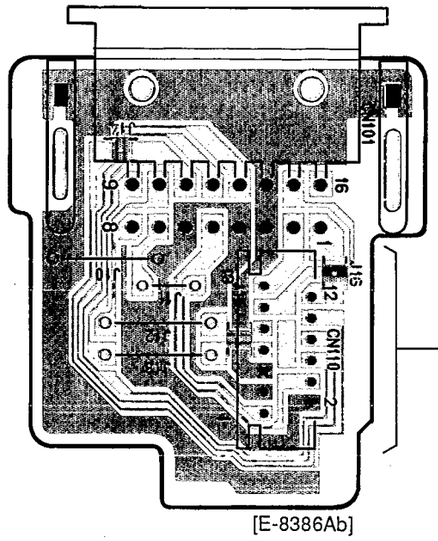
IC201	
1	5.7V
2	5.7V
3	5.5V
4	0V
5	5.5V
6	5.7V
7	5.7V
8	11.2V

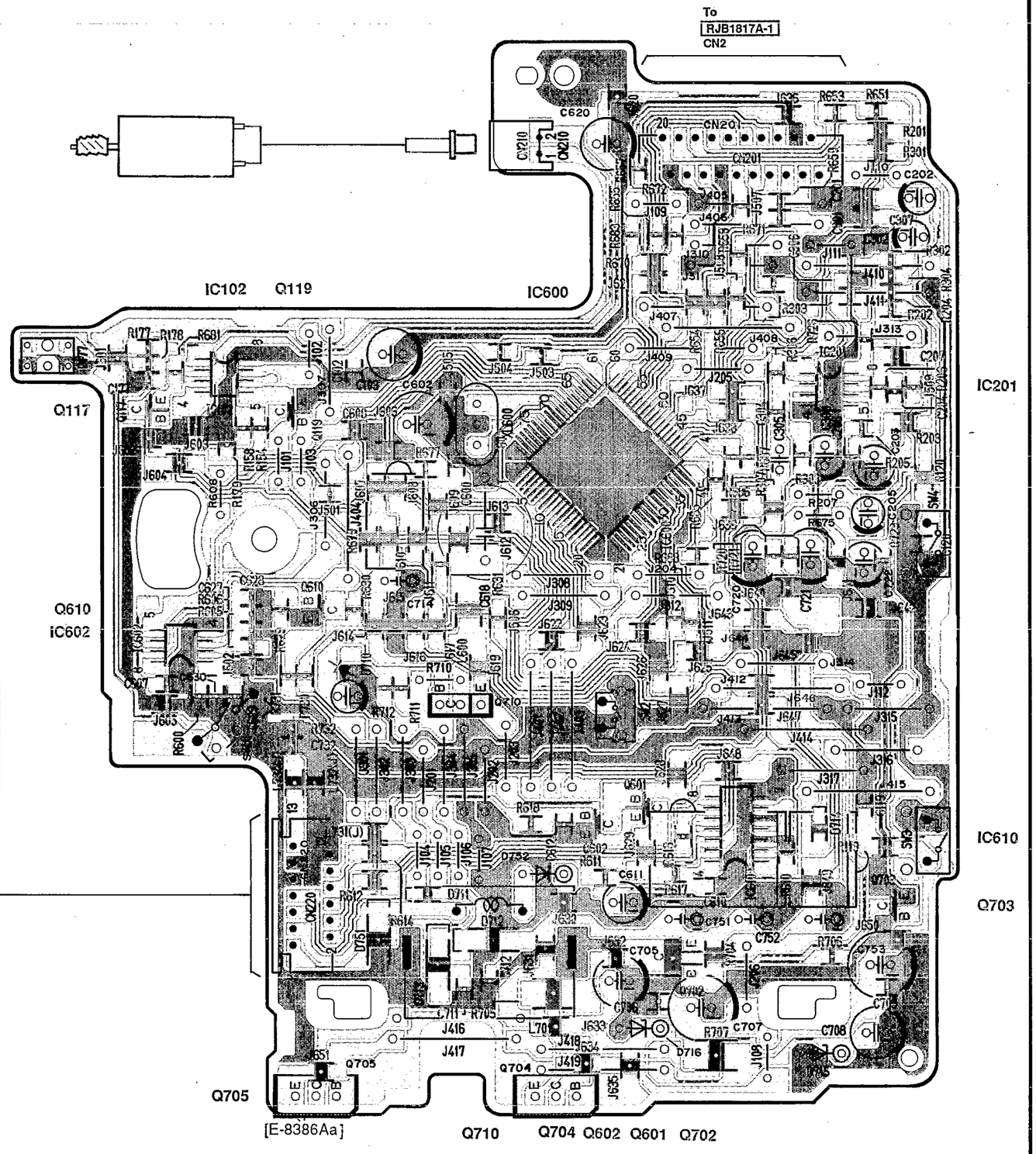
IC602	
1	1.7V
2	2.0V
3	4.9V
4	0V
5	5.1V
6	1.8
7	5.1V
8	5.1V



CN101 16Pin Connector

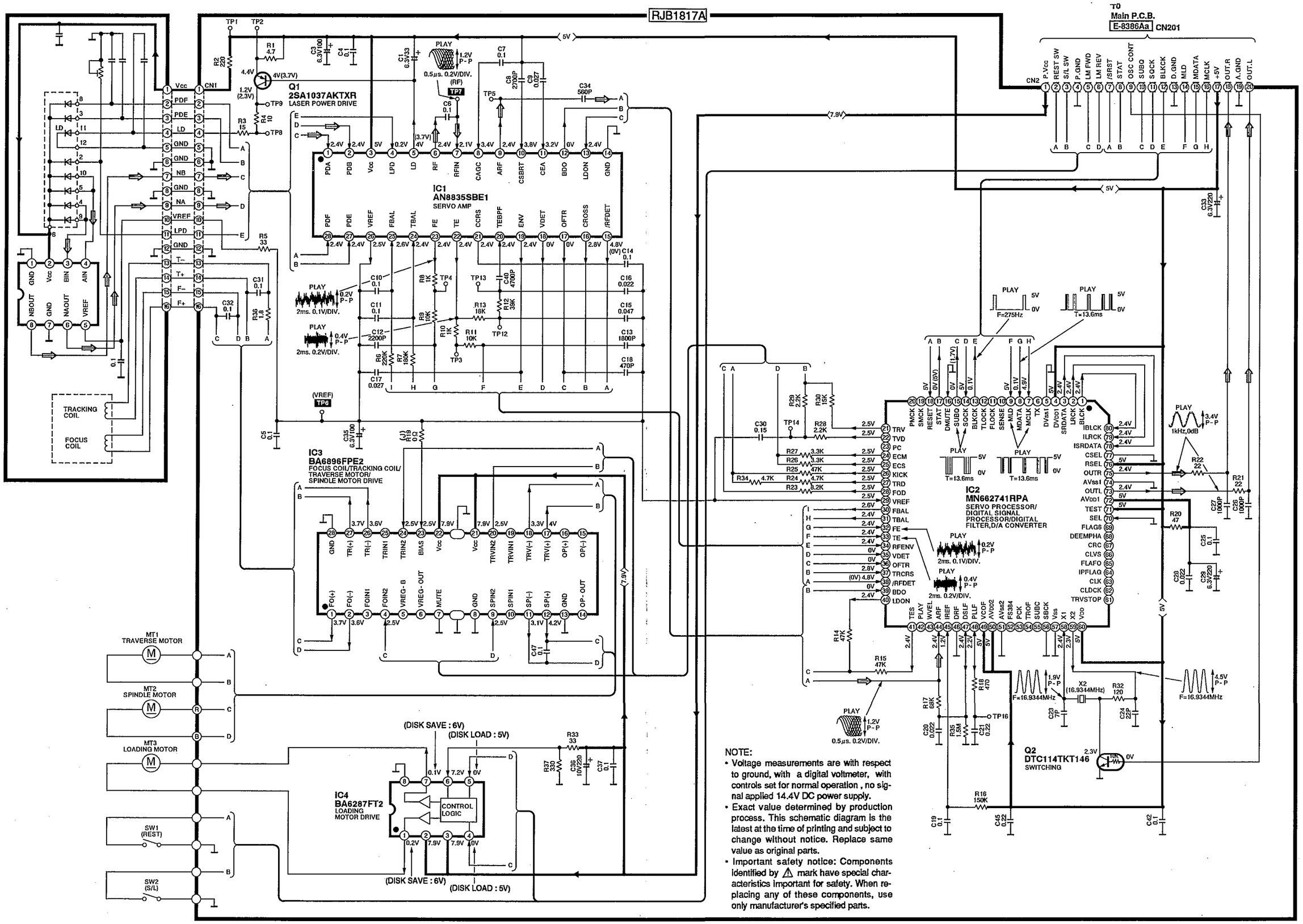
1.	A/D Input	(A/D)
2.	Power Supply, ACC	(ACC)
3.	Ground	(GND)
4.	Signal Ground	(S GND)
5.	Lch Output⊕	(L CH)
6.	Signal Ground	(S GND)
7.	Rch Output⊕	(R CH)
8.	NC	
9.	CD-Changer Strobe Output	(CH STB)
10.	CD-Changer Data Output	(CH DATA)
11.	CD-Changer Clock Output	(CH CLK)
12.	Remote Input	(REM)
13.	JO Check Input	(JO)
14.	Ground	(GND)
15.	Power Supply, ⊕B	(BATT)
16.	NC	





SCHEMATIC DIAGRAM / SCHALTBILT (CD SERVO BLOCK) MODELS CX-DP801EN/DP803EN

RJB1817A



NOTE:

- Voltage measurements are with respect to ground, with a digital voltmeter, with controls set for normal operation , no signal applied 14.4V DC power supply.
- Exact value determined by production process. This schematic diagram is the latest at the time of printing and subject to change without notice. Replace same value as original parts.
- Important safety notice: Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

WIRING DIAGRAM / VERDRAHTUNG (CD SERVO BLOCK) MODELS CX-DP801EN/DP803EN

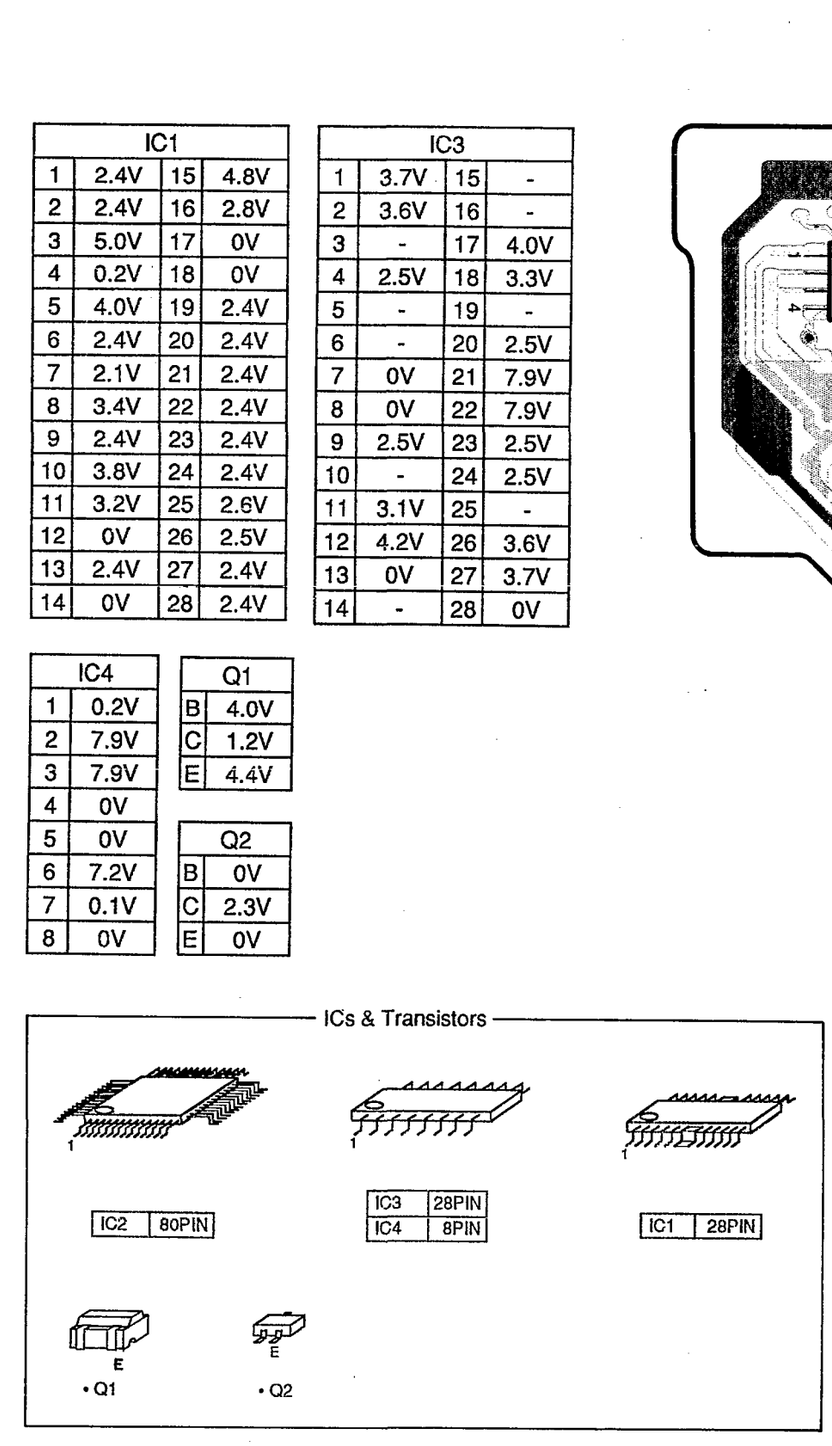
IC1			
1	2.4V	15	4.8V
2	2.4V	16	2.8V
3	5.0V	17	0V
4	0.2V	18	0V
5	4.0V	19	2.4V
6	2.4V	20	2.4V
7	2.1V	21	2.4V
8	3.4V	22	2.4V
9	2.4V	23	2.4V
10	3.8V	24	2.4V
11	3.2V	25	2.6V
12	0V	26	2.5V
13	2.4V	27	2.4V
14	0V	28	2.4V

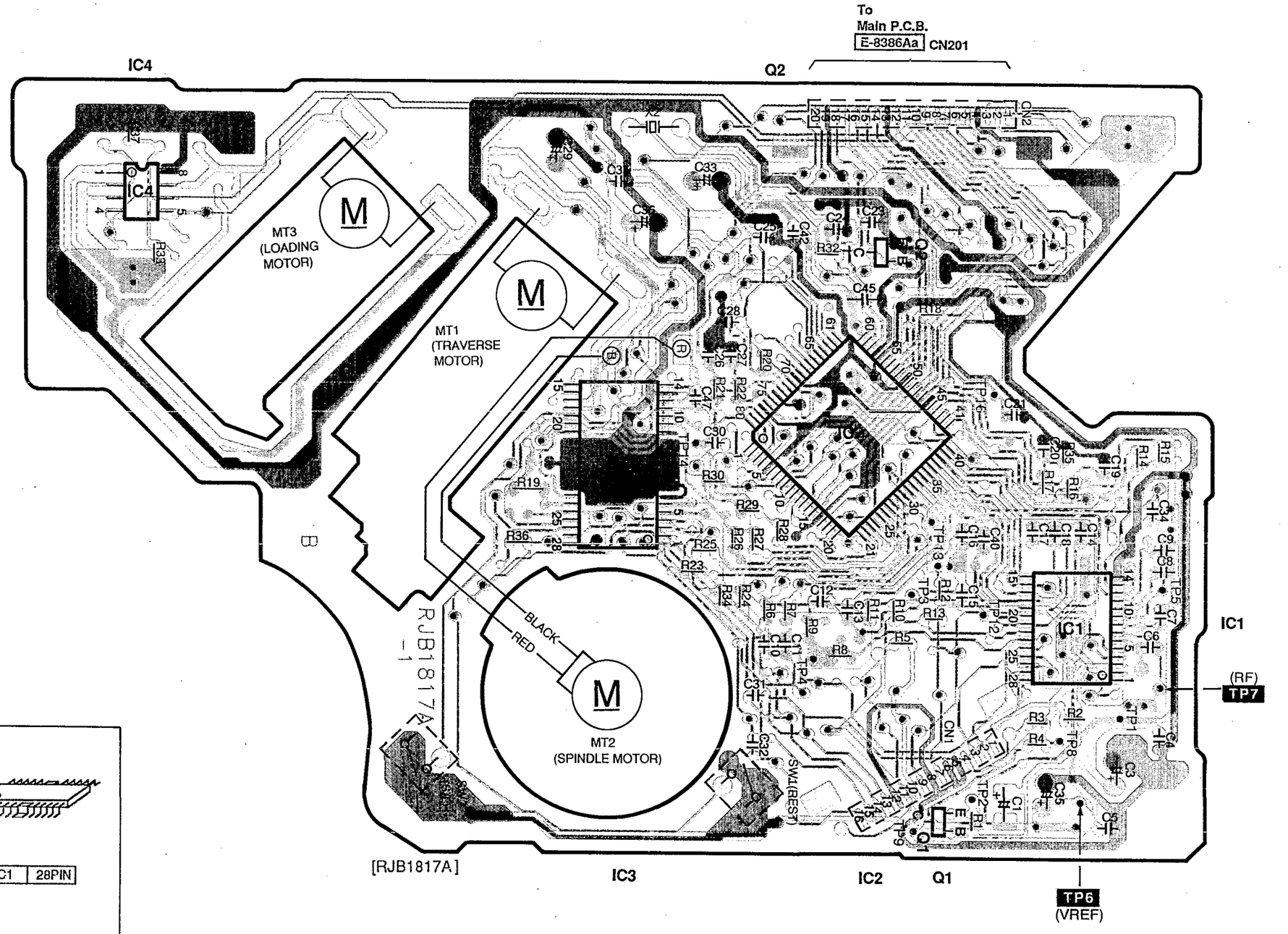
IC3			
1	3.7V	15	-
2	3.6V	16	-
3	-	17	4.0V
4	2.5V	18	3.3V
5	-	19	-
6	-	20	2.5V
7	0V	21	7.9V
8	0V	22	7.9V
9	2.5V	23	2.5V
10	-	24	2.5V
11	3.1V	25	-
12	4.2V	26	3.6V
13	0V	27	3.7V
14	-	28	0V

IC4	
1	0.2V
2	7.9V
3	7.9V
4	0V
5	0V
6	7.2V
7	0.1V
8	0V

Q1	
B	4.0V
C	1.2V
E	4.4V

Q2	
B	0V
C	2.3V
E	0V

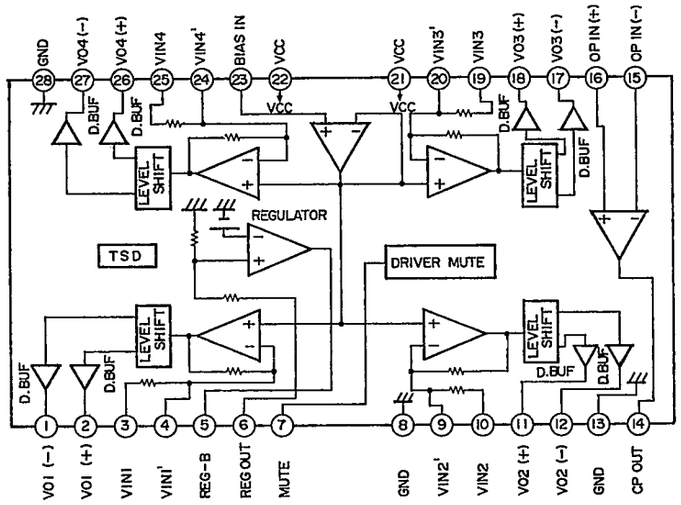




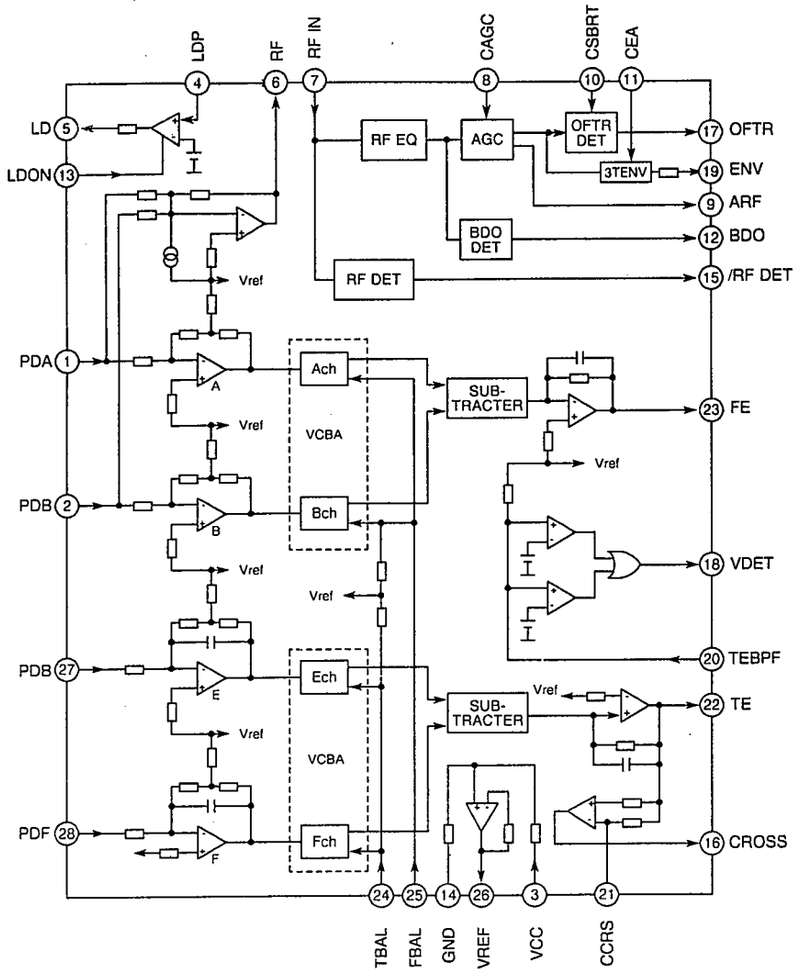
8 DISC CD CHANGER

IC BLOCK DIAGRAMS (1)

■ IC3 BA6896FPE2 (RJB1817A)

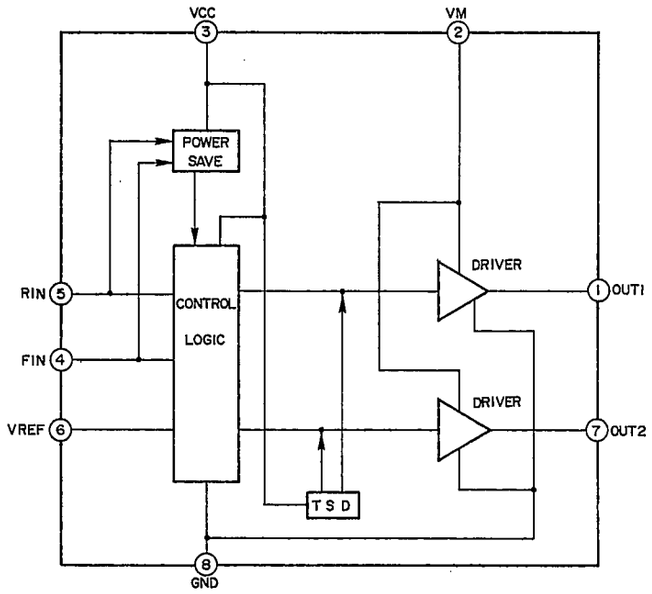


■ IC1 AN8835SBE1 (RJB1817A)

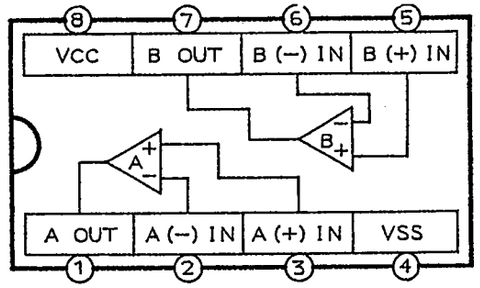


IC BLOCK DIAGRAMS (2)

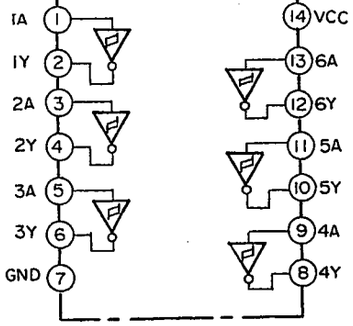
■ IC4, 102 BA6287FT2 (RJB1817A)



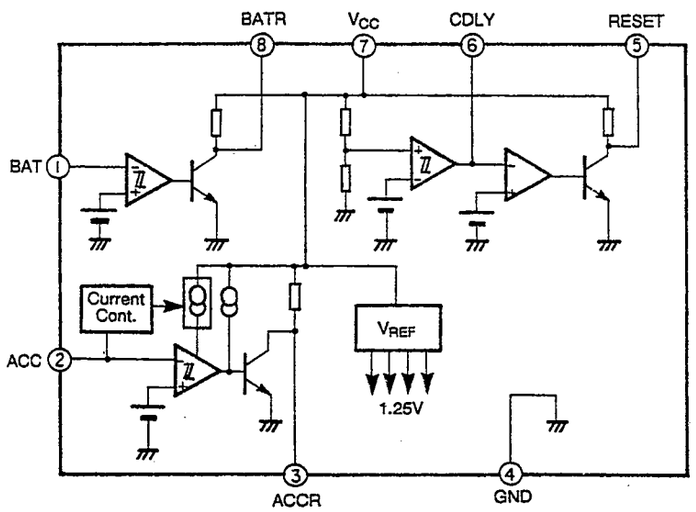
■ IC201 UPC4570G2-T2 (E-8368)



■ IC610 BU4584BFE2 (E-8368)



■ IC602 AN8065SE1 (E-8368)



Replacement Parts List
Models No. CX-DP801EN/DP803EN

NOTE:

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice : Components, identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
3. Next to the Ref. No. in the parts list is a location key, to show the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availabitity is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
5. "A" marks in remarks column are indicated supply parts of Audio Division (AD) in Matsushita Electric Industrial Co., Ltd. (MEI)

Ref. No.	Parts No.	Part Code	Parts Name & Demension	Psc set	Remarks
ICs AND TRANSISTORs					
IC1	AN8835SBE1		IC	1	A
IC2	MN662741RPA		IC	1	A
IC3	BA6896FPE2		IC	1	A
IC4	BA6287FT2		IC	1	A
IC102	BA6287FT2		IC	1	A
IC201	UPC4570G2-T2		IC	1	A
IC600	UPD78053G200		IC	1	A
IC602	AN8065SE1		IC	1	A
IC610	BU4584BFE2		IC	1	A
Q1	2SA1037AKTXR		Transistor	1	A
Q2	DTC114TKT146		Transistor	1	A
Q117	DTA143ZKT146		Transistor	1	A
Q119	DTC114YKT146		Transistor	1	A
Q601	FP1F3P-T1B		Transistor	1	A
Q602	DTC144EKT146		Transistor	1	A
Q610	DTC144EKT146		Transistor	1	A
Q702	2SB956RTX		Transistor	1	A
Q703	FB1F3P-T1B		Transistor	1	A
Q704	2SD2137APQTA		Transistor	1	A
Q705	2SD2137APQTA		Transistor	1	A
Q710	2SD1994ATA		Transistor	1	A

Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
DIODEs					
D177	RPI-352		Diode	1	A
D710	RD5R6MB3T1B		Diode	1	A
D711	1SS355TE17		Diode	1	A
D712	1SR154-400TE		Diode	1	A
D713	1SR154-400TE		Diode	1	A
D714	1SS355TE17		Diode	1	A
D715	RD5R6JSB3T1		Diode	1	A
D716	RD8R2JSB3T1		Diode	1	A
D751	1SR154-400TE		Diode	1	A
D752	1SR139400T31		Diode	1	A
CAPACITORs					
C1	RCSX0JX336RE		Tantalium, 33MFD 6.3WV	1	A
C3	ECEA0JKS101I		Electrolytic, 100MFD 6.3WV	1	
C4	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C5	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C6	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C7	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C8	ECUV1H272KBN		Ceramic, 0.0027MFD 50WV	1	A
C9	ECUV1E273KBN		Ceramic, 0.027MFD 25WV	1	A
C10	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C11	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C12	ECUV1H222KBN		Ceramic, 0.0022MFD 50WV	1	A
C13	ECUV1H182KBN		Ceramic, 0.0018MFD 50WV	1	A
C14	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C15	ECUV1E473KBN		Ceramic, 0.047MFD 25WV	1	A
C16	ECUV1E223KBN		Ceramic, 0.022MFD 25WV	1	A

Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
C17	ECUV1E273KBN		Ceramic, 0.027MFD 25WV	1	A
C18	ECUV1H471KBN		Ceramic, 470PF 50WV	1	A
C19	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C20	ECUV1E223KBN		Ceramic, 0.022MFD 25WV	1	A
C21	ECUV1C224KBN		Ceramic, 0.22MFD 16WV	1	A
C23	ECUV1H070DCN		Ceramic, 7PF 50WV	1	A
C24	ECUV1H220JCN		Ceramic, 22PF 50WV	1	A
C25	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C26	ECUV1H102KBN		Ceramic, 0.001MFD 50WV	1	A
C27	ECUV1H102KBN		Ceramic, 0.001MFD 50WV	1	A
C28	ECUV1E223KBN		Ceramic, 0.022MFD 25WV	1	A
C29	ECEA0JKA221I		Electrolytic, 220MFD 6.3WV	1	
C30	ECUV1C154KBN		Ceramic, 0.15MFD 16WV	1	A
C31	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C32	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C33	ECEA0JKA221I		Electrolytic, 220MFD 6.3WV	1	
C34	ECUV1H561KBN		Ceramic, 560PF 50WV	1	A
C35	ECEA0JKS101I		Electrolytic, 100MFD 6.3WV	1	
C36	ECEA1AKS221I		Electrolytic, 220MFD 10WV	1	
C37	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C40	ECUV1H472KBN		Ceramic, 0.0047MFD 50WV	1	A
C42	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C45	ECUV1C224KBM		Ceramic, 0.22MFD 16WV	1	A
C47	ECUV1E104KBN		Ceramic, 0.1MFD 25WV	1	A
C102	ECUV1H103KBN		Ceramic, 0.01MFD 50WV	1	A
C103	ECEA1CKA101		Electrolytic, 100MFD 16WV	1	
C119	ECUV1C104KBN		Ceramic, 0.1MFD 25WV	1	A
C120	ECUV1C104KBN		Ceramic, 0.1MFD 25WV	1	A
C177	ECUV1C104KBN		Ceramic, 0.1MFD 25WV	1	A
C201	ECUV1H332KBM		Ceramic, 0.0033MFD 50WV	1	A
C202	ECEA1CKA100I		Electrolytic, 10MFD 16WV	1	
C203	ECEA1AKA470I		Electrolytic, 47MFD 10WV	1	
C204	ECUV1H221JCN		Ceramic, 220PF 50WV	1	A
C205	ECEA1CKA100I		Electrolytic, 10MFD 16WV	1	
C206	ECUV1H221JCN		Ceramic, 220PF 50WV	1	A
C207	ECUV1H271KBM		Ceramic, 270PF 50WV	1	A
C301	ECUV1H332KBM		Ceramic, 0.0033MFD 50WV	1	A
C302	ECEA1CKA100I		Electrolytic, 10MFD 16WV	1	
C303	ECEA1AKA470I		Electrolytic, 47MFD 10WV	1	
C304	ECUV1H221JCN		Electrolytic, 220PF 50WV	1	A
C305	ECEA1CKA100I		Electrolytic, 10MFD 16WV	1	
C306	ECUV1H221JCN		Ceramic, 220PF 50WV	1	A
C307	ECUV1H271JCN		Ceramic, 270PF 50WV	1	A
C600	ECUV1C104KBN		Ceramic, 0.1MFD 25WV	1	A
C602	ECEA0JKA331I		Electrolytic, 330MFD 6.3WV	1	
C607	ECUV1C104KBN		Ceramic, 0.1MFD 16WV	1	A
C608	ECUV1C104KBM		Ceramic, 0.1MFD 16WV	1	A
C610	ECUV1H103KBN		Ceramic, 0.01MFD 50WV	1	A
C611	ECEA0JKA101I		Electrolytic, 100MFD 6.3WV	1	
C612	ECUV1C224KBN		Ceramic, 0.22MFD 16WV	1	A
C618	EECS5R5H473		Double Layer, 0.47F 5.5WV	1	A
C620	ECEA1CKA101		Electrolytic, 100MFD 16WV	1	
C627	ECUV1C224KBN		Ceramic, 0.22MFD 16WV	1	A
C628	ECUV1C224KBN		Ceramic, 0.22MFD 16WV	1	A
C629	ECUV1C224KBN		Ceramic, 0.22MFD 16WV	1	A
C630	ECUV1C224KBN		Ceramic, 0.22MFD 16WV	1	A
C705	ECEA1AKA101I		Electrolytic, 100MFD 10WV	1	
C706	ECUV1H103KBN		Ceramic, 0.01MFD 50WV	1	A
C707	ECEA1AKA221I		Electrolytic, 220MFD 10WV	1	
C708	ECEA1AKA101I		Electrolytic, 100MFD 10WV	1	
C709	ECUV1H103KBN		Ceramic, 0.01MFD 50WV	1	A
C710	ECEA1AKA221I		Electrolytic, 220MFD 10WV	1	
C711	ECUV1H103KBN		Ceramic, 0.01MFD 50WV	1	A
C712	ECUV1H103KBN		Ceramic, 0.01MFD 50WV	1	A
C713	ECEA0JKA470I		Electrolytic, 47MFD 6.3WV	1	
C714	ECA1CHG471		Electrolytic, 470MFD 16WV	1	A
C720	ECEA1CKA101		Electrolytic, 100MFD 16WV	1	
C721	ECEA1CKA101		Electrolytic, 100MFD 16WV	1	

Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
C722	ECEA1AKA470I		Electrolytic, 47MFD 10WV	1	
C751-753	ECA1CHG471		Electrolytic, 470MFD 16WV	3	A
		RESISTORs			
R1	ERJ6GEYJ4R7		Chip, 4.7 ohms 1/10W	1	
R2	ERJ6GEYJ221		Chip, 220 ohms 1/10W	1	
R3	ERJ6GEYJ150		Chip, 15 ohms 1/10W	1	
R4	ERJ6GEYJ100		Chip, 10 ohms 1/10W	1	
R5	ERJ6GEYJ330		Chip, 33 ohms 1/10W	1	
R6	ERJ6GEYJ224		Chip, 220k ohms 1/10W	1	
R7	ERJ6GEYJ184		Chip, 180k ohms 1/10W	1	
R8	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R9	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R10	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R11	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R12	ERJ6GEYJ393		Chip, 39k ohms 1/10W	1	
R13	ERJ6GEYJ183		Chip, 18k ohms 1/10W	1	
R14	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R15	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R16	ERJ6GEYJ154		Chip, 150k ohms 1/10W	1	
R17	ERJ6GEYJ683		Chip, 68k ohms 1/10W	1	
R18	ERJ6GEYJ471		Chip, 470 ohms 1/10W	1	
R20	ERJ6GEYJ470		Chip, 47 ohms 1/10W	1	
R21	ERJ6GEYJ220		Chip, 22 ohms 1/10W	1	
R22	ERJ6GEYJ220		Chip, 22 ohms 1/10W	1	
R23	ERJ6GEYJ822		Chip, 8.2k ohms 1/10W	1	
R24	ERJ6GEYJ472		Chip, 4.7k ohms 1/10W	1	
R25	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R26	ERJ6GEYJ332		Chip, 3.3k ohms 1/10W	1	
R27	ERJ6GEYJ332		Chip, 3.3k ohms 1/10W	1	

Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
R28	ERJ6GEYJ222		Chip, 2.2k ohms 1/10W	1	
R29	ERJ6GEYJ222		Chip, 2.2k ohms 1/10W	1	
R30	ERJ6GEYJ153		Chip, 15k ohms 1/10W	1	
R32	ERJ6GEYJ121		Chip, 120 ohms 1/10W	1	
R33	ERJ6GEYJ330		Chip, 33 ohms 1/10W	1	
R34	ERJ6GEYJ472		Chip, 4.7k ohms 1/10W	1	
R35	ERJ6GEYJ155V		Chip, 1.5M ohms 1/10W	1	
R36	ERJ6GEYJ1R8V		Chip, 1.8 ohms 1/10W	1	A
R37	ERJ6GEYJ331		Chip, 330 ohms 1/10W	1	
R119	ERJ8GEYJ102V		Chip, 1k ohms 1/10W	1	
R120	ERJ8GEYJ102V		Chip, 1k ohms 1/10W	1	
R154	ERJ6GEYJ121		Chip, 120 ohms 1/10W	1	
R158	ERJ6GEYJ121		Chip, 120 ohms 1/10W	1	
R177	ERJ6GEYJ221		Chip, 220 ohms 1/10W	1	
R178	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R179	ERJ6GEYJ151		Chip, 150 ohms 1/10W	1	
R201	ERJ8GEYJ102V		Chip, 1k ohms 1/8W	1	
R202	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R203	ERJ8GEYJ103V		Chip, 10k ohms 1/8W	1	
R204	ERJ6GEYJ223		Chip, 22k ohms 1/10W	1	
R205	ERJ6GEYJ153		Chip, 15k ohms 1/10W	1	
R206	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R207	ERDS2TJ561		Carbon, 560 ohms 1/4W	1	
R301	ERJ8GEYJ102V		Chip, 1k ohms 1/8W	1	
R302	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R303	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R304	ERJ6GEYJ223		Chip, 22k ohms 1/10W	1	
R305	ERJ6GEYJ153		Chip, 15k ohms 1/10W	1	
R306	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R307	ERJ8GEYJ561V		Chip, 560 ohms 1/8W	1	
R600	ERJ6GEYJ433		Chip, 43k ohms 1/10W	1	
R605	ERJ6GEYJ154		Chip, 150k ohms 1/10W	1	
R606	ERJ6GEYJ273		Chip, 27k ohms 1/10W	1	
R608	ERDS2TJ102		Carbon, 1k ohms 1/4W	1	

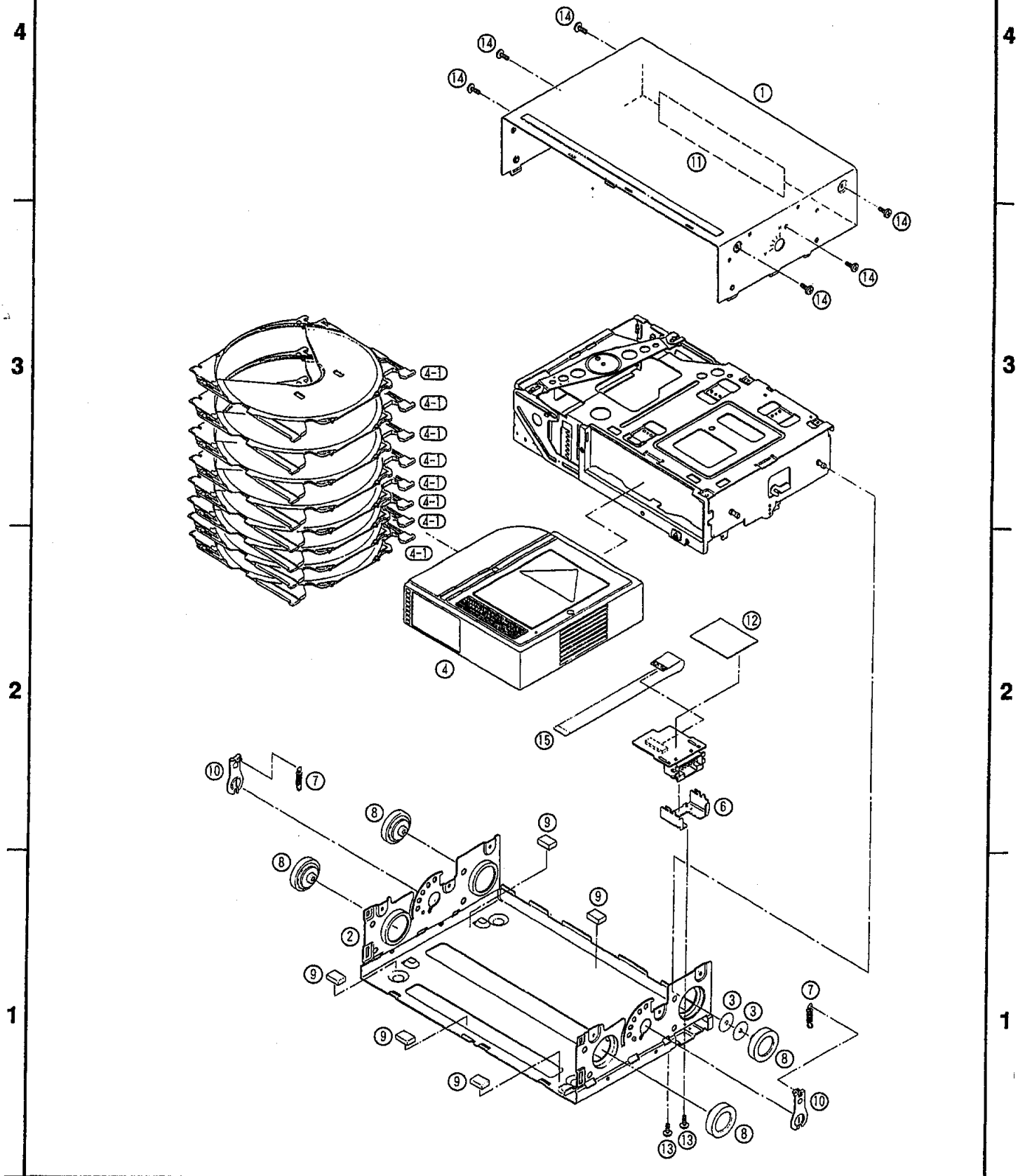
Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
R610	ERJ6GEYJ154		Chip, 150k ohms 1/10W	1	
R611	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R612	ERJ8GEYJ102V		Chip, 1k ohms 1/8W	1	
R613	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R614	ERJ8GEYJ102V		Chip, 1k ohms 1/8W	1	
R617	ERJ6GEYJ100		Chip, 10 ohms 1/10W	1	
R618	ERJ6GEYJ823		Chip, 82k ohms 1/10W	1	
R629	ERJ6GEYJ274		Chip, 270k ohms 1/10W	1	
R630	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R631	ERJ6GEYJ104		Chip, 100k ohms 1/10W	1	
R651	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R652	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R653	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R654	ERJ8GEYJ102V		Chip, 1k ohms 1/8W	1	
R655	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R656	ERJ8GEYJ102V		Chip, 1k ohms 1/8W	1	
R657	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R658	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R659	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R670	ERJ8GEYJ102V		Chip, 1k ohms 1/8W	1	
R671	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R672	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R675	ERDS2TJ473		Carbon, 47k ohms 1/4W	1	
R677	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R679	ERJ8GEYJ473V		Chip, 47k ohms 1/8W	1	
R681	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R683	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R685	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R686	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R687	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R688	ERJ6GEYJ473		Chip, 47k ohms 1/10W	1	
R704	ERJ8GEYJ123V		Chip, 12k ohms 1/8W	1	
R705	ERJ12YJ221H		Chip, 220 ohms 1/2W	1	
R706	ERJ6GEYJ152		Chip, 1.5k ohms 1/10W	1	
R707	ERJ12YJ221H		Chip, 220k ohms 1/2W	1	
R710	ERDS2TJ220		Carbon, 22 ohms 1/4W	1	
R711	ERJ6GEYJ123		Chip, 12k ohms 1/10W	1	
R712	ERJ6GEYJ102		Chip, 1k ohms 1/10W	1	
R720	ERJ6GEYJ820		Chip, 82 ohms 1/10W	1	
R721	ERJ6GEYJ680		Chip, 68 ohms 1/10W	1	
R723	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R726	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R730	ERJ6GEYJ220		Chip, 22 ohms 1/10W	1	
R731	ERJ6GEYJ103		Chip, 10k ohms 1/10W	1	
R732	ERJ6GEYJ220		Chip, 22 ohms 1/10W	1	
RJ631	ERJ8GEYJR47V		Chip, 0.47 ohms 1/8W	1	A
CONNECTORs					
CN1	RJS2A0316T		Connector, 16P	1	A
CN2	RJS2A0320T		Connector, 20P	1	A
CN101	RJT913W16		Connector, 16P	1	A
CN110	RJS1A1413-D		Connector, 13P	1	A
CN201	RJS1A1420-D		Connector, 20P	1	A
CN210	RJP2G17ZA		Connector, 2P	1	A
CN220	RJS1A1413-D		Connector, 13P	1	A
SWITCHes					
SW1	RSP1A004-A		Switch	1	A
SW2	RSP1A004-A		Switch	1	A
SW101	RSP1A021-A		Switch	1	A
SW102	RSP1A004-A		Switch	1	A

Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
SW103	RSG0034-A		Switch	1	A
SW104	RSG0034-A		Switch	1	A
CRYSTALs					
X2	RSXC16M9S01T		Crystal Oscillator	1	A
XL600	RSXY4M91M01T		Ceramic Oscillator	1	A
COILs					
L600	SLQDNL101JT		Coil	1	A
L701	TLPD003		Coil	1	A
PRINTING					
	YEFM282766		Operating Instructions	1	

Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
INSTALLATION PARTS					
1, 3	YEP9BS1101		Screw Kit	1	
2	YEFG012448		Base Bracket	2	
4	YEFG05896		Bracket L	1	
5	YEFG05897		Bracket R	1	
6	YEFX9991395		Adhesive Tape	1	
	YEAJ071211		Power Cord	1	
MISCELLANEOUS					
F1 ⚠	XBB1C30NS1		Fuse, 3A	1	
1 (4-C)	RKM0353-K		Upper Cover	1	A
2 (1-B)	RKS0269-K		Bottom Cover	1	A
3 (1-C)	RMQ0754		Spacer	2	A
4	RYQ0206-K		Magazine Ass'y	1	
4-1	RMR1087-K		Magazine Tray, 12cm	8	A
6	RMA1097		Bracket	1	A
7 (2-A)(1-C)	RMB0526		Spring	2	A
8	RMG0462-K		Insulator	4	A
9	RMG0473-K		Rubber Cushion	5	A
10 (2-A)(1-C)	RML0493		Bracket	2	A
11 (4-C)	RMX0136		Spacer	1	A
12 (2-C)	RMZ0437		Insulator	1	A
13	RMQ0769		Screw, M26 x 5	2	A
14	RMQ0767		Screw, M3 x 5	6	A
15 (2-B)	REE0789		Flexible PCB, 13P	1	A
	YEFC025482A		Escutcheon Ass'y	1	CX-DP801EN
	YEFC025533A		Escutcheon Ass'y	1	CX-DP803EN

EXPLODED VIEW (CD PLAYER PARTS)
/ AUFGELÖSTE DARSTELLUNGS (CD TONBAND GERÄT)

■Numbers in ○ are indicated REF. No. in the REPLACEMENT PARTS LIST



EXPLODED VIEW (CD PLAYER PARTS)
/ AUFGELÖSTE DARSTELLUNGS (CD TONBAND GERÄT)

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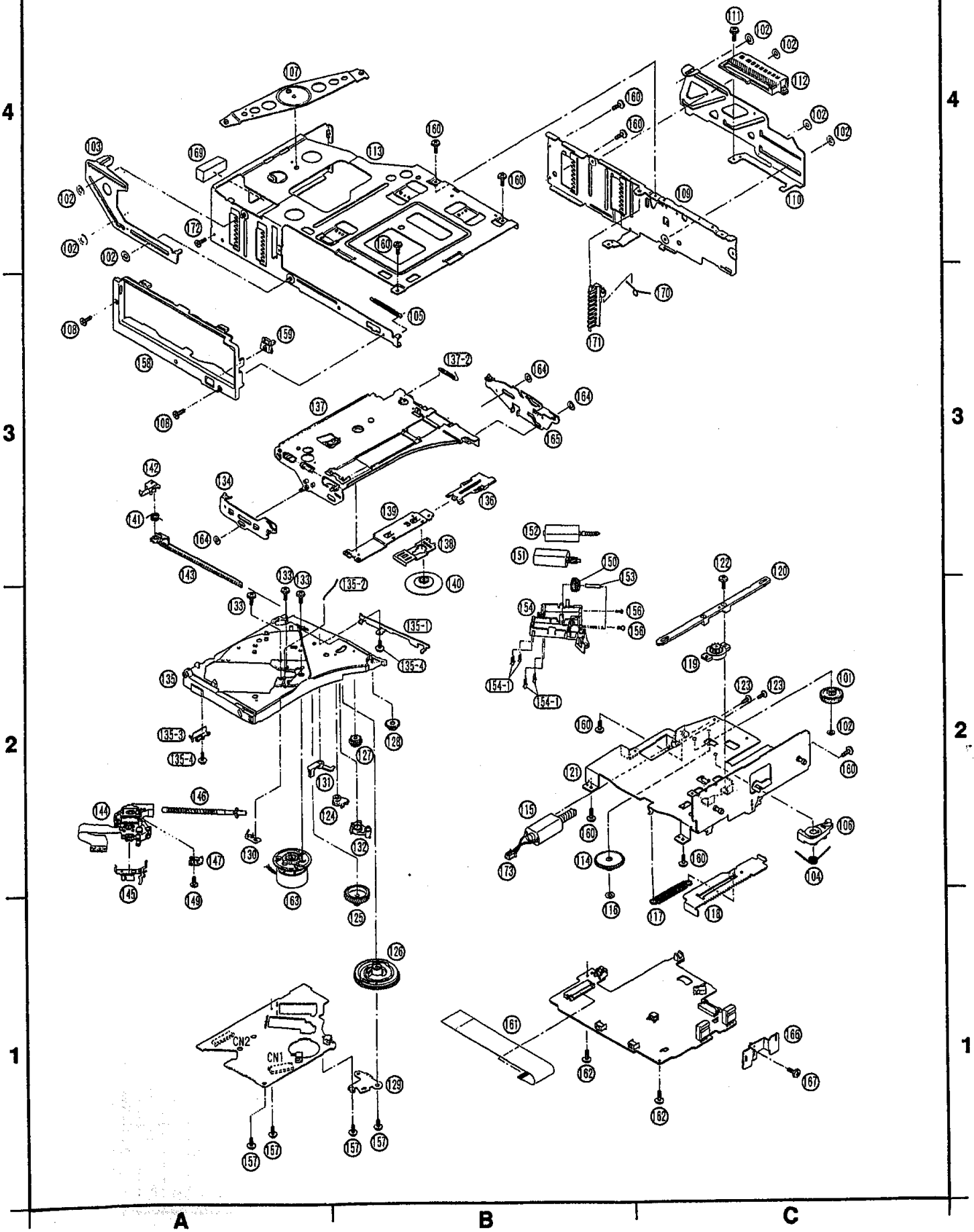

CD PLAYER PARTS

Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
101 (2-F)	RDG0400		Whorl Wheel	1	A
102	RHW27003		Washer	8	A
103 (4-D)	RMA1065		Lift Slider F	1	A
104 (2-F)	RMB0523		Spring	1	A
105 (3-E)	RMB0531		Spring	1	A
106 (2-F)	RML0488		Magazine Lock Lever	1	A
107 (4-D)	RMM0182		Connecting Rod	1	A
108	RMQ0723		Screw, M2 x 3	2	A
109 (4-F)	RXA0168		Rear Frame	1	A
110 (4-F)	RMA1066		Lift Slider R	1	A
111	RMQ0723		Screw	1	A
112 (4-F)	RMR1086-K		Driving Rack of Slider	1	A
113 (4-E)	RXK0258		Main Frame Ass'y	1	A
114 (2-E)	RDG0401		Gear	1	A
115 (2-E)	REM0081		Motor Ass'y	1	A
116 (1-E)	RHW21022		Washer	1	A
117 (1-F)	RMB0525		Spring	1	A
118 (1-F)	RML0489		Eject Lever	1	A
119 (2-F)	RMQ0722		Gear	1	A
120 (2-F)	RMR1084-K		Guide Rail	1	A
121 (2-F)	RXK0233		Magazin Base Ass'y	1	A
122	XTB2+8F		Screw	1	A
123	XYN2+C3		Screw	2	A
124 (2-E)	RDG0393		Gear	1	A
125 (2-E)	RDG0395		Worm Gear	1	A
126 (2-E)	RDG0396		Main Gear	1	A
127 (2-E)	RDG0397		Transfer Gear	1	A
128 (2-E)	RDG0398		Gear	1	A
129 (1-E)	RMA1063		Gear Retainer	1	A
130 (2-D)	RMC0295		Retainer	1	A
131 (2-D)	RML0484		Switch Lever	1	A
132 (2-E)	RML0485		Arm	1	A
133	RMQ0461		Screw, M17 x 2.5	3	A
134 (3-D)	RXA0164		Control Slider F	1	A
135 (2-D)	RXK0235		Traverse Chassis Ass'y	1	A
135-1 (2-E)	RMA1075		Rack Guide	1	A
135-2 (2-E)	RMB0556		Spring	1	A
135-3 (2-D)	RMC0331		Spring	1	A
135-4	XTW2+6S		Screw, M2 x 6	2	
136 (3-E)	RMC0332		Clamper Lifter	1	A
137 (3-E)	RXK0236		Upper Chassis Ass'y	1	A
137-1 (3-D)	RMC0345		Tray Retainer	1	A
137-2 (3-E)	RMB0542		Spring	1	A
138 (3-E)	RMA1062		Clamper Retainer	1	A
139 (3-E)	RML0487		Clamper Arm	1	A
140 (2-E)	RMR1083-K		Clamper	1	A
141 (3-D)	RMB0522		Spring	1	A
142 (3-D)	RML0486		Tray Nail	1	A
143 (3-D)	RMM0181		Rack	1	A
144 (2-D)	RAF0140A		Optical Pick-up	1	A
145 (2-D)	RMC0294		Retainer	1	A
146 (2-D)	RXJ0019		Driving Shaft	1	A
147 (2-D)	RXQ0474		Board Nut	1	A
149 (2-D)	XQN17+BG45		Screw, M17 x 4.5	1	A
150 (2-E)	RDG0391		Gear	1	A
151 (3-E)	REM0074		Traverse Motor Ass'y	1	A
152 (3-E)	REM0075		Loding Motor Ass'y	1	A
153 (2-E)	RMS0586		Gear Shaft	1	A
154 (2-E)	RXQ0537		Motor Cover	1	A
154-1 (2-E)	RMA0921		Terminal Board	4	A
156	XYN2+C4		Screw, M2 x 4	2	A
157	XTW2+6S		Screw, M2 x 6	4	
158 (3-D)	RGQ0212-K		Front Ornament	1	A
159 (3-D)	RGU1549-G		Eject Button	1	A
160	XQN2+AM3		Screw, M2 x 3	9	A
161 (1-E)	REE0787		Flexible PCB 20P	1	A

Ref. No.	Parts No.	Part Code	Parts Name & Description	Psc set	Remarks
162 (1-E)(1-F)	XYC2+FF5		Screw, M2 x 5	2	A
163 (2-D)	REM0079		Spindle Motor	1	A
164	RHW32015		Washer	3	A
165 (3-E)	RMA1061		Control Slider R	1	A
166 (1-F)	RMA1067		Heat Sink Bracket	1	A
167	XTW2+4L		Screw, M2 x 4	1	A
169 (4-D)	RMG0474-K		Pad	1	A
170 (3-F)	RMB0524		Spring	1	A
171 (3-E)	RMR1085-K		Tray Rack	1	A
172	XQN2+AM3		Screw	1	A
173 (2-E)	REE0784		Lead	1	A