ORDER NO.PSG1502003CE

Service Manual

Compact Disc Player

Model No. SL-C700E

Product Colour:

(S) ..... Silver Type

⚠ 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 product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

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TABLE OF CONTENTS

PAGE

1 Safety Precautions

1.1. General guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage current cold check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1MΩ and 5.2MΩ.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞.

1.1.2. Leakage current hot check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15μF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliampere. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

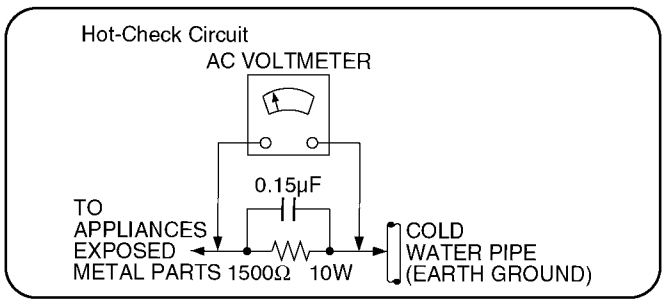


Figure 1

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatic Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatic Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistor-sand semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   Caution
   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

2.2. Service caution based on legal restrictions

2.2.1. General description about Lead Free Solder (PbF)

The lead free solder has been used in the mounting process of all electrical components on the printed circuit boards used for this equipment in considering the globally environmental conservation.

The normal solder is the alloy of tin (Sn) and lead (Pb). On the other hand, the lead free solder is the alloy mainly consists of tin (Sn), silver (Ag) and Copper (Cu), and the melting point of the lead free solder is higher approx.30 degrees C (86°F) more than that of the normal solder.

Definition of PCB Lead Free Solder being used

The letter of "PbF" is printed either foil side or components side on the PCB using the lead free solder. (See right figure)	PbF

Service caution for repair work using Lead Free Solder (PbF)

- The lead free solder has to be used when repairing the equipment for which the lead free solder is used. (Definition: The letter of "PbF" is printed on the PCB using the lead free solder.)
- To put lead free solder, it should be well molten and mixed with the original lead free solder.
- Remove the remaining lead free solder on the PCB cleanly for soldering of the new IC.
- Since the melting point of the lead free solder is higher than that of the normal lead solder, it takes the longer time to melt the lead free solder.
- Use the soldering iron (more than 70W) equipped with the temperature control after setting the temperature at 350±30 degrees C (662±86°F).

Recommended Lead Free Solder (Service Parts Route.)

- The following 3 types of lead free solder are available through the service parts route.
  SVKZ000001----------(0.3mm 100g Reel)
  SVKZ000002----------(0.6mm 100g Reel)
  SVKZ000003----------(1.0mm 100g Reel)

Note:

* Ingredient: Tin (Sn) 96.5%, Silver (Ag) 3.0%, Copper (Cu) 0.5%. (Flex cored)

2.3. Precaution of Laser Diode

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.

Caution:

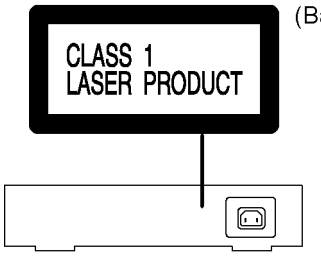
This product utilizes a laser diode with the unit turned "on", invisible laser radiation is emitted from the pickup lens.
Wavelength: 790 nm (CD)
Maximum output radiation power from pickup: 100 μW/VDE
Laser radiation from the pickup unit is safety level, but be sure the followings:

1. Do not disassemble the pickup unit, since radiation from exposed laser diode is dangerous.
2. Do not adjust the variable resistor on the pickup unit. It was already adjusted.
3. Do not look at the focus lens using optical instruments.
4. Recommend not to look at pickup lens for a long time.

ACHTUNG:

Dieses Produkt enthält eine Laserdiode. Im eingeschalteten Zustand wird unsichtbare Laserstrahlung von der Lasereinheitadgestrahit.
Wellenlänge : 790nm (CD)
Maximale Strahlungsleistung der Lasereinheit :100 μW/VDE
Die Strahlung an der Lasereinheit ist ungefährlich, wenn folgende Punkte beachtet werden:

1. Die Lasereinheit nicht zerlegen, da die Strahlung an der freigelegten Laserdiode gefährlich ist.
2. Den werkseitig justierten Einstellregler der Lasereinhit nicht verstellen.
3. Nicht mit optischen Instrumenten in die Fokussierlinse blicken.
4. Nicht über längere Zeit in die Fokussierlinse blicken.



(Back of product)

2.4. Handling Precaution for CD DRIVE UINT(Optical Pickup)

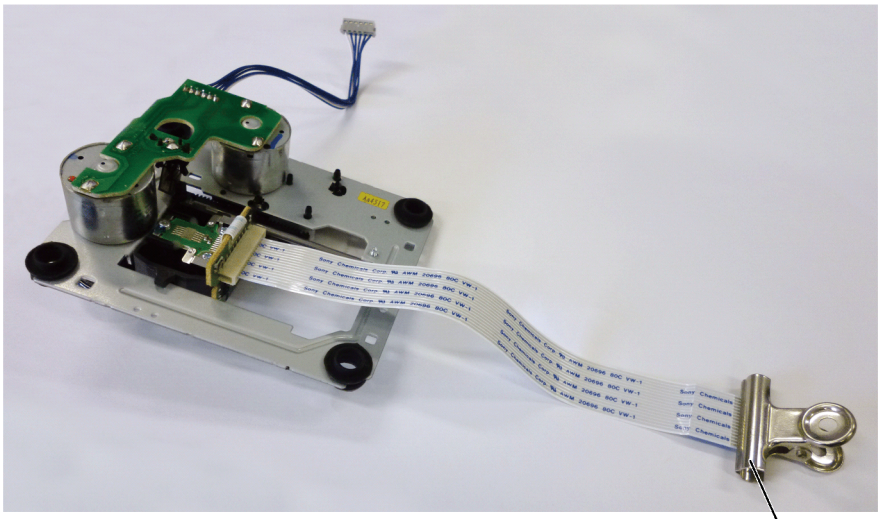
The laser diode in the CD DRIVE UINT(Optical Pickup) may break down due to static electricity of clothes or human body. Special care must be taken avoid caution to electrostatic breakdown when servicing and handling the laser diode in the Traverse Unit.

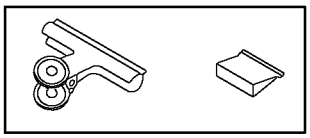
2.4.1. Cautions to Be Taken in Handling the CD DRIVE UINT(Optical Pickup)

The laser diode in the CD DRIVE UINT(Optical Pickup) may be damaged due to electrostatic discharge generating from clothes or human body.

Special care must be taken avoid caution to electrostatic discharge damage when servicing the laser diode.

1. Do not give a considerable shock to the CD DRIVE UINT(Optical Pickup) as it has an extremely high-precise structure.
2. To prevent the laser diode from the electrostatic discharge damage, the flexible cable of the CD DRIVE UINT(Optical Pickup) removed should be short-circuited with a short pin or a clip.
3. The flexible cable may be cut off if an excessive force is applied to it. Use caution when handling the flexible cable.
4. The antistatic FFC is connected to the new CD DRIVE UINT(Optical Pickup). After replacing the CD DRIVE UINT(Optical Pickup) and connecting the flexible cable, cut off the antistatic FFC.





Clip／Short Pin

2.4.2. Grounding for electrostatic breakdown prevention

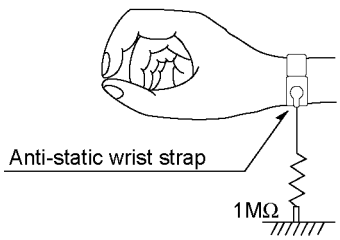
Some devices such as the CD player use the optical pickup (laser diode) and the optical pickup will be damaged by static electricity in the working environment. Proceed servicing works under the working environment where grounding works is completed.

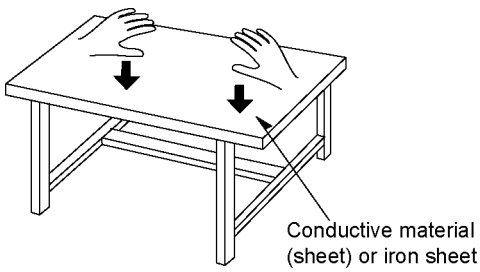
2.4.2.1. Worktable grounding

1. Put a conductive material (sheet) or iron sheet on the area where the CD DRIVE UINT(Optical Pickup) is placed, and ground the sheet.

2.4.2.2. Human body grounding

1. Use the anti-static wrist strap to discharge the static electricity form your body.





3 Specifications

■ GENERAL

Power supply	AC 220 V to 240 V, 50/60 Hz
Power consumption	10 W
Power consumption in standby mode	Approx. 0.5 W
Power consumption in off mode	Approx. 0.5 W
Dimensions (W×H×D)	340 mm×78 mm×295 mm
Mass	Approx. 5.2 kg
Operating temperature range	0 °C to +40 °C
Operating humidity range	35 % to 80 % RH (no condensation)

■ TERMINALS SECTION

Analogue output	
LINE OUT	Pin jack
Digital output	
Optical digital output	Optical terminal
Coaxial digital output	Pin jack
System port	
System control	∅3.5 mm jack

■ DISC SECTION

Playable Disc (8 cm or 12 cm)	CD, CD-R/RW (CD-DA, MP3*1, WMA*1)
MP3	MPEG-1 Audio Layer 3*2
WMA	Windows Media Audio9*3
Pick up	
Wavelength	790 nm
Laser power	CLASS 1
Channel	2 ch (Stereo)
[NORSK]	
Bølgelengde	790 nm
Laserstyrke	KLASSE 1
	Ingen farlig stråling sendes ut

■ ANALOGUE OUTPUT SECTION

Channel	2 ch
Output level	
LINE OUT	2.0 Vrms
Frequency response	2 Hz to 20 kHz (−0.5 dB)
THD+N	0.0018 % (1 kHz, 0 dB)
S/N	117 dB (IHF-A)
Dynamic range	100 dB (IHF-A)

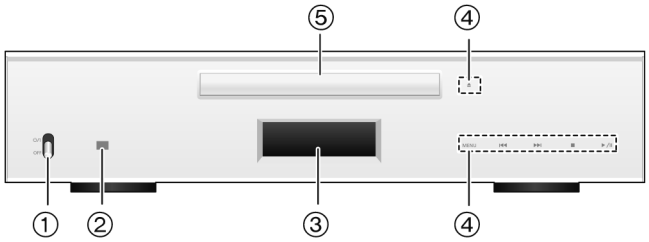
- Specifications are subject to change without notice.
- Mass and dimensions are approximate.

*1 ISO9660 Level-1, Level-2, Joliet,Romeo
Recommended single-session. Recommended finalized disc.
*2 ID3 tag: ver.2(2.2/2.3) and ver.1(1.0/1.1) supported
*3 Not support WMA9 Pro/WMA9 Lossless/WMA9 Voice. Not support file with DRM.

4 Location of Controls and Components

This unit

■ Front



① **Power switch lever**
Turn on/off this unit.
- The remote control do not operate when the power switch lever is in the lowered position.

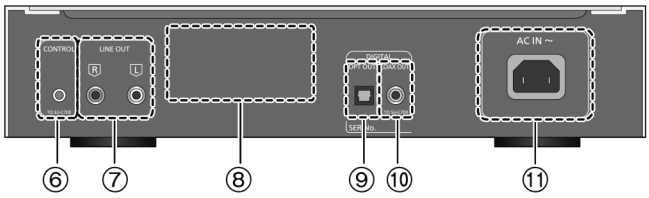
② **Remote control signal sensor**
Distance: Within approx. 7 m directly in front
Angle: Approx. 30° left and right
- A remote control is not supplied with this unit.
  Use the remote control supplied with the SU-C700/ST-C700 to control this unit.

③ **Display**

④ **Basic control switches**
These switches work just by touching the marks. Each time you touch the switch, there will be a beep sound.

⑤ **Disc tray**

■ Rear



⑥ **System terminal [CONTROL]**

⑦ **Analogue audio output terminal [LINE OUT]**

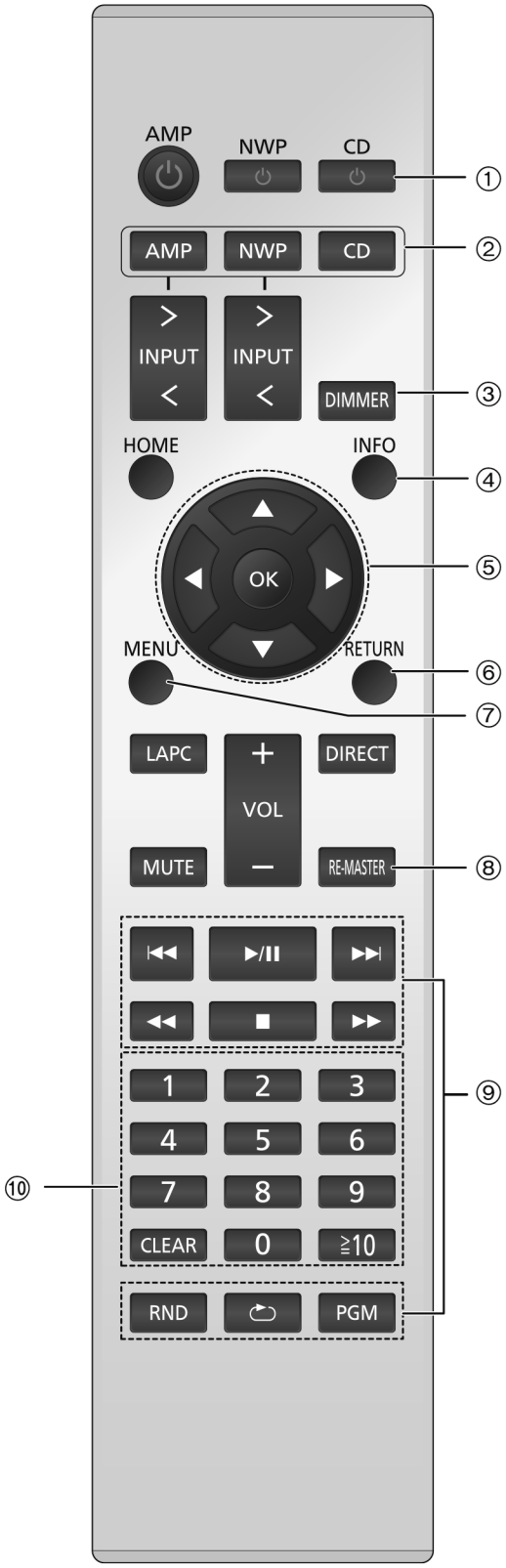
⑧ **Product identification marking**
The model number is indicated.

⑨ **Digital audio output terminal [OPT OUT]**

⑩ **Digital audio output terminal [COAX OUT]**

⑪ **AC IN terminal [AC IN ~]**

Remote control (supplied with the SU-C700/ST-C700)



Use the remote control supplied with the SU-C700/ST-C700 to control this unit.
For information on the operations of the SU-C700/ST-C700, please also refer to their operating instructions.

① **[CD ⏻]: Standby/on switch**
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- The remote control do not operate when the power switch lever is in the lowered position.

② **[AMP]/[NWP]/[CD]: Select the device to be operated**

③ **[DIMMER]: Adjust the brightness of the display, etc.**

④ **[INFO]: View content information**

⑤ **[▲, ▼, ◄, ►]/[OK]: Selection/OK**

⑥ **[RETURN]: Return to the previous display**

⑦ **[MENU]: Enter menu**

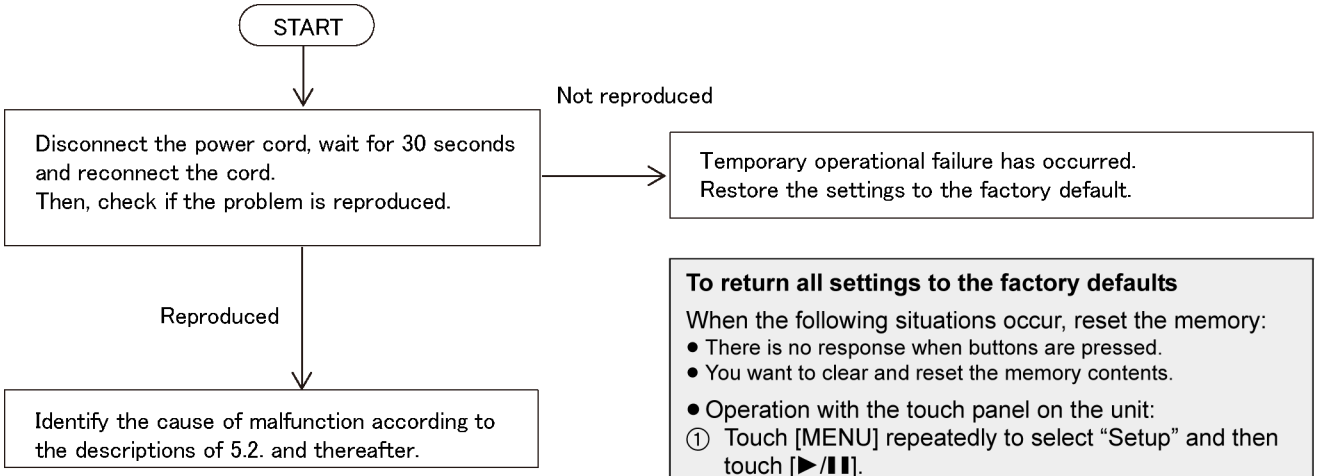
⑧ **[RE-MASTER]: Turn on/off Re-master**

⑨ **Basic playback control buttons**

⑩ **Numeric buttons, etc.**
- To select a 2-digit number
  Example:
  16: [≧10] → [1] → [6]
- To select a 3-digit number
  Example:
  124: [≧10] → [≧10] → [1] → [2] → [4]
- [CLEAR]: Clear the entered value.

5 Troubleshooting Guide

5.1. Check the problem is reproduced



To return all settings to the factory defaults

When the following situations occur, reset the memory:

- There is no response when buttons are pressed.
- You want to clear and reset the memory contents.

- Operation with the touch panel on the unit:

① Touch [MENU] repeatedly to select “Setup” and then touch [▶/❚❚].
② Touch [MENU] repeatedly to select “Initialization”.
③ Touch [|◀◀, ▶▶|] to select “Yes” and then touch [▶/❚❚].
④ Touch [|◀◀, ▶▶|] to select “Yes” and then touch [▶/❚❚] again.

- Operation with the SU-C700/ST-C700 remote control:

① Press [CD].
② Press [MENU].
③ Press [▲, ▼] repeatedly to select “Setup” and then press [OK].
④ Press [▲, ▼] repeatedly to select “Initialization” and then press [OK].
⑤ Press [◀, ▶] to select “Yes” and then press [OK].
⑥ Press [◀, ▶] to select “Yes” and then press [OK] again.

5.2 No power

No power

Turn the power switch of the main unit OFF ⇒ ON.
Use the remote control to turn the power ON.

If the power cord is removed in standby mode or when the power switch of the main unit is ON, the power is not turned ON even if the power cord is inserted.
Turn the power switch of the main unit OFF ⇒ ON again.

① Is the AC present at AC INLET PCB? Check AC INLET (P9902). (See ① in fig.)

NG → Replace AC MAINS LEAD.

OK

② Is the AC present at the connectors? Check the voltage at PS PCB connector (P901). (See ② in fig.)

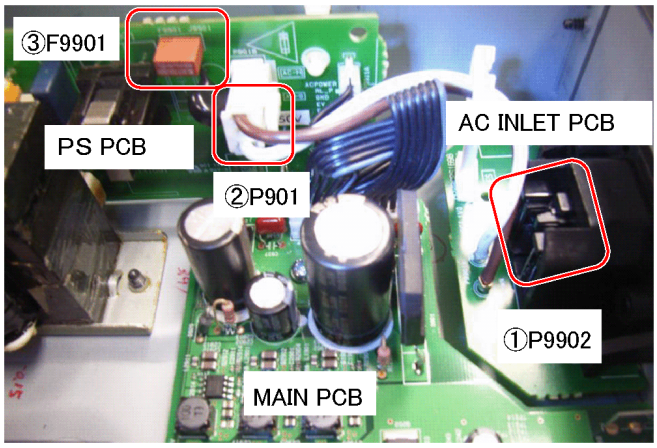
NG → Replace AC INLET PCB.

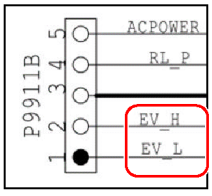
OK

③ Check the terminal of the PS PCB fuse (F9901) for continuity. (See ③ in fig.)

NG → Replace PS PCB.

OK

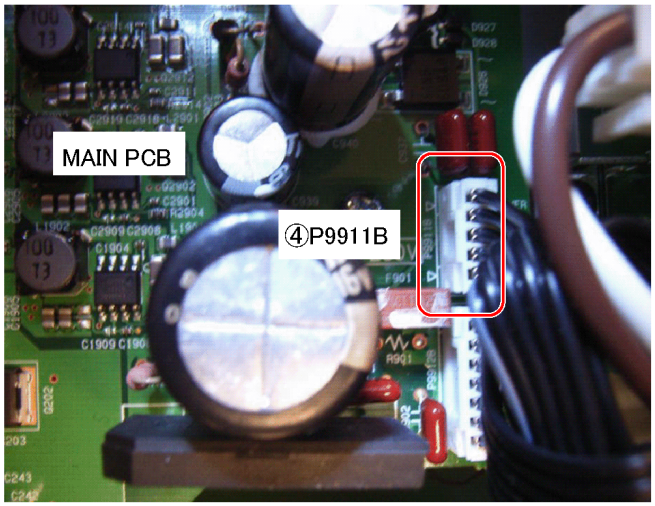




④ Is the AC waveform coming from the sub transmitter to the connector? MAIN PCB connector P9911B Pin 1 and 2 AC 4 to 5V (See ④ in fig.)

NG → Replace PS PCB.

OK

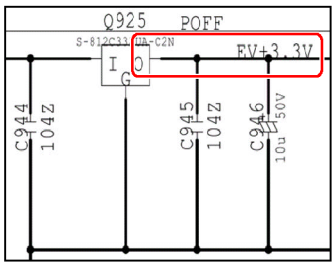


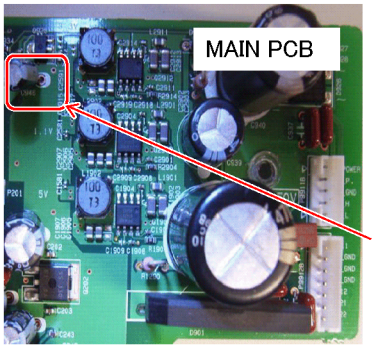
Does DCDC converter Q925 of MAIN PCB output? (3.3V)
(See below)

NG → Replace MAIN PCB.

OK

Q925 always operates when the power is supplied to the power cord.
This outputs 3.3V irrelevant of the power switch status of the main unit.
Without 3.3V output, the main microcomputer does not operate.





C946 + terminal, 3.3 to 3.5V

Doe the power button of the main unit operate normally?
While checking the voltage at he MAIN PCB connector P806 Pin 1 (POWER_SW) ,
operate the power switch of the main unit.
ON: 0V OFF: 3.3V

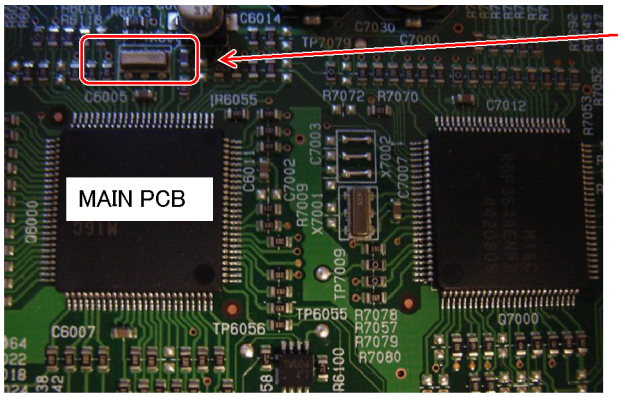
NG → Replace MAIN SWITCH PCB.

OK

Is the main microcomputer (X6001) clock of MAIN PCB oscillating?

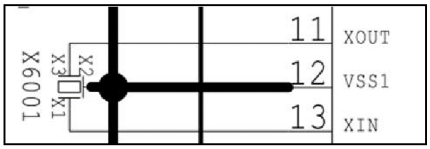
NG → Replace MAIN PCB.

OK



X6001 : 6MHz main clock

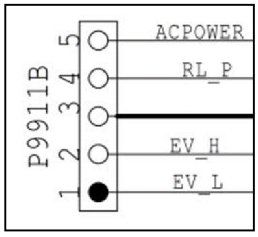
The main microcomputer controls the whole system.
It operates regardless of the power SW status.

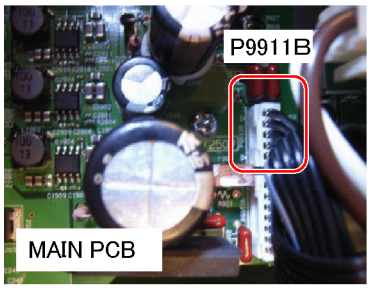


Check the signal for RL9001.
MAIN PCB
P9911B Pin 4 9～11V
Pin 5 3.3V

NG → Replace MAIN PCB.

OK

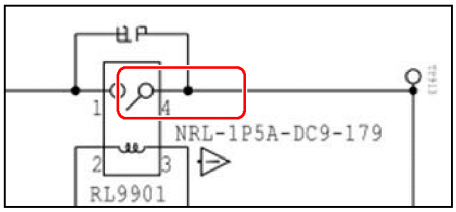


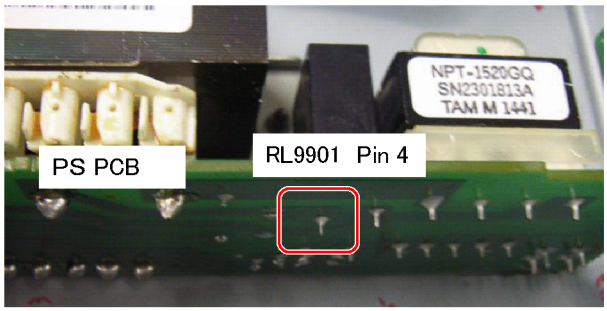


Is RL9001 turned ON?
PS PCB
Does RL9001 Pin 4 supply AC power?

NG → Replace PS PCB.

OK

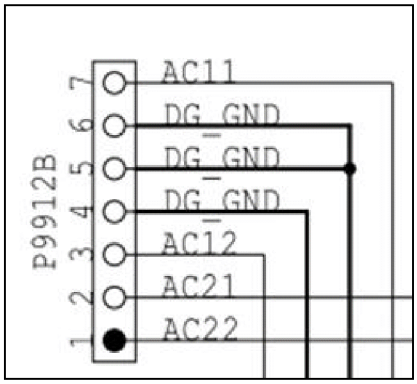


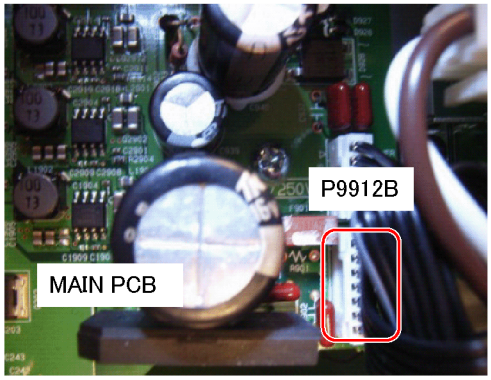


Is the voltage supplied from the transmitter?
MAIN PCB
Check if the voltage is supplied from P9912B Pin 1, 2, 3 and 7.
Pin 1 and 2 AC 4 to 5V
Pin 3 and 7 AC 10 to 11V

NG → Replace PS PCB.

OK

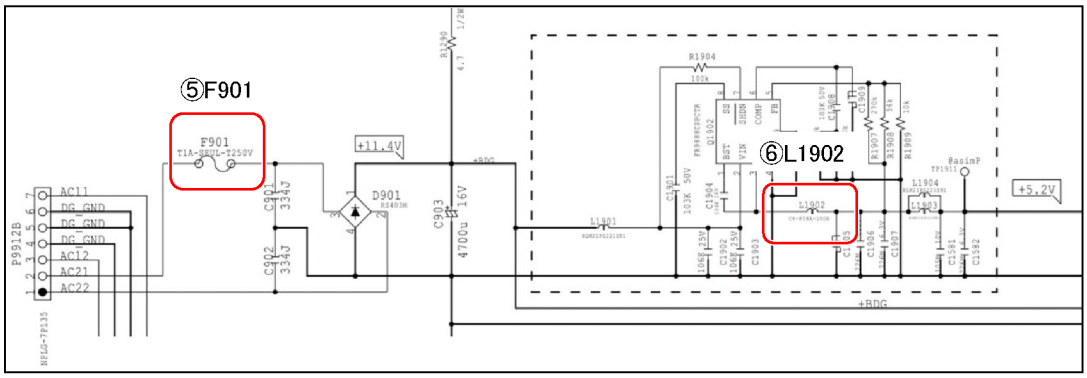


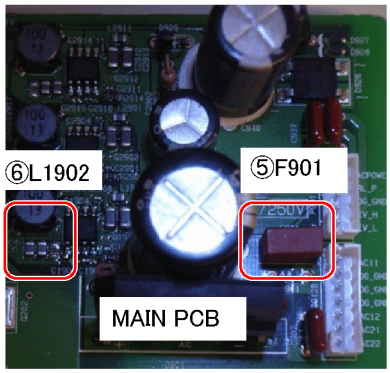


MAIN PCB
⑤ F901 may be blown?
⑥ Does L902 output 5.2V?

NG → Replace MAIN PCB.

OK



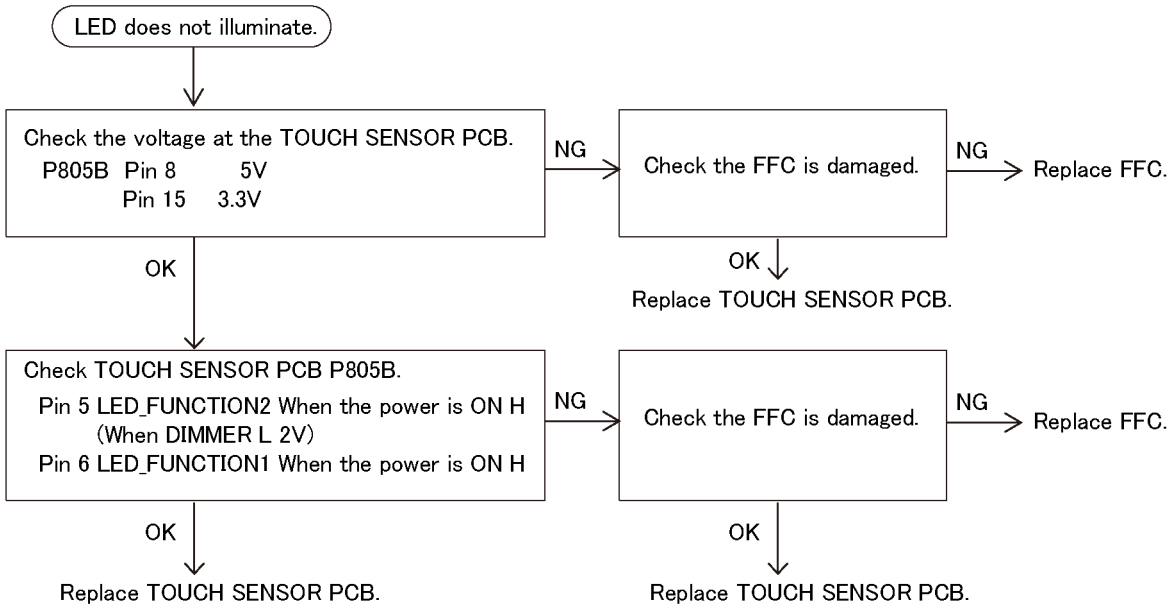


Remove TOUCH SENSOR PCB (P805A), IR PCB (P806), and CD MECHA DRIVE PCB (P106B/P107B), and turn the power on.

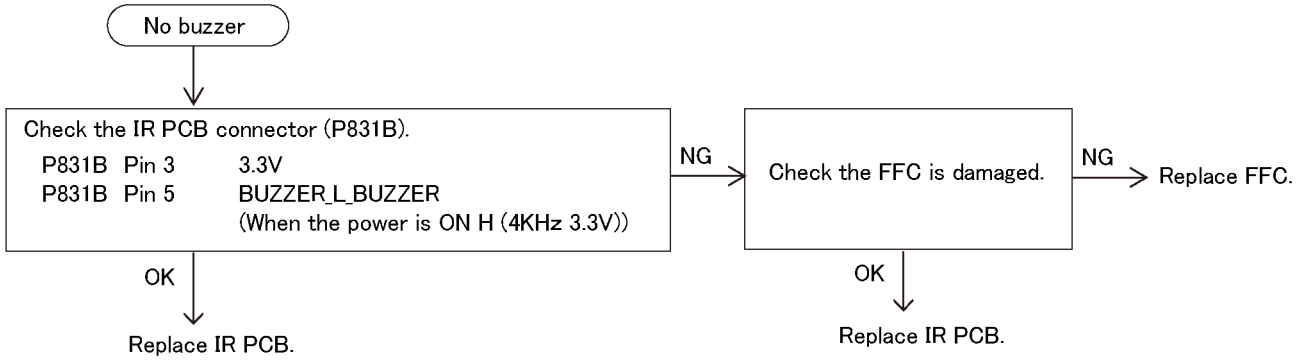
→ Power is turned on.:
Assemble TOUCH SENSOR PCB, IR PCB , and CD MECHA DRIVE PCB one by one , and identify the malfunctioning PCB.

→ No power.: Replace MAIN PCB.
If the problem remains, replace DISPLAY PCB.

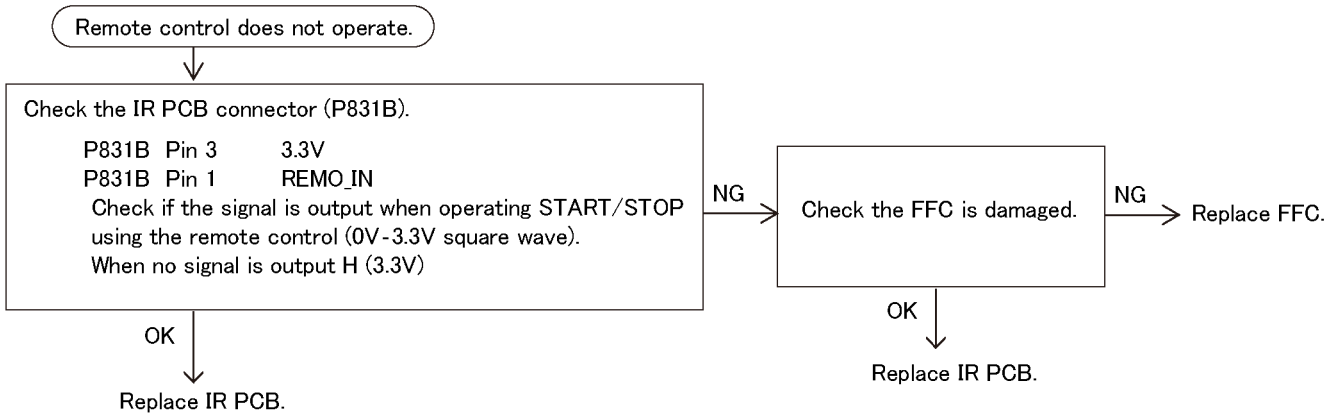
5.3. LED does not illuminate



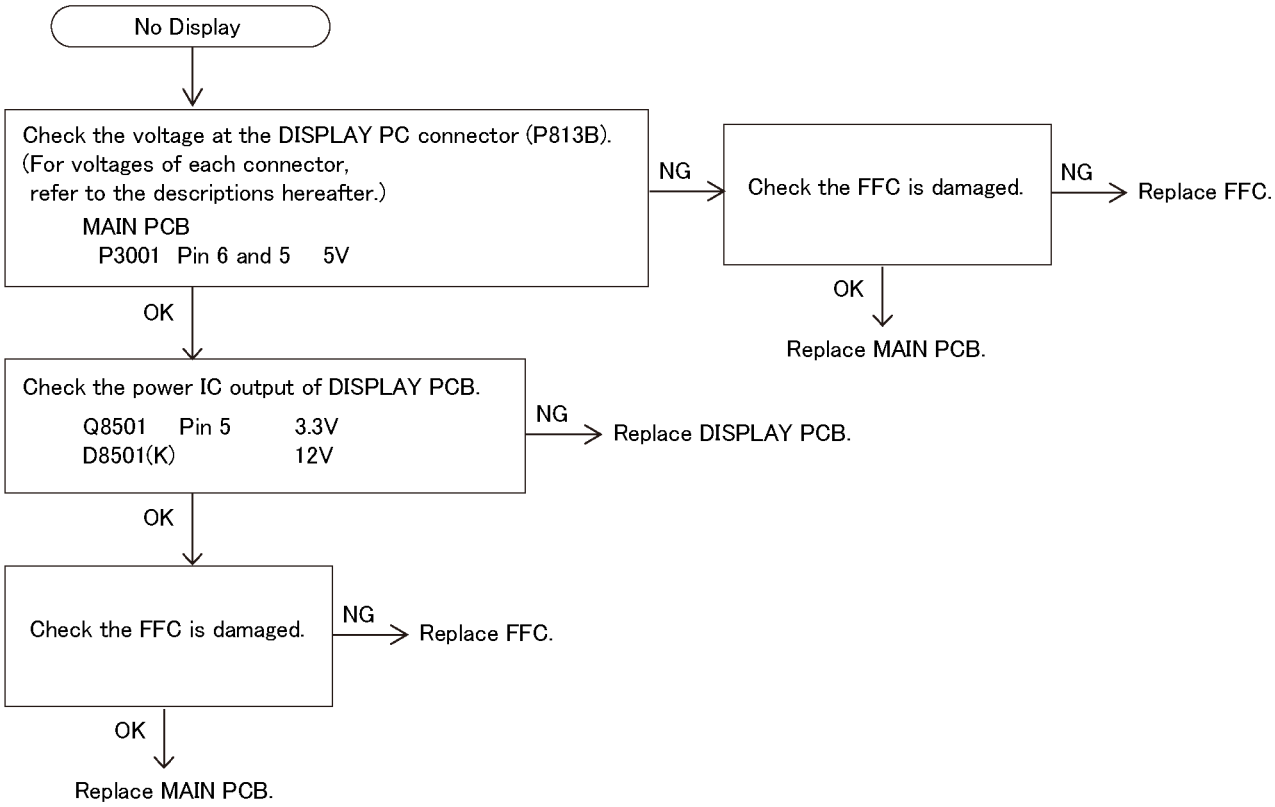
5.4. No buzzer



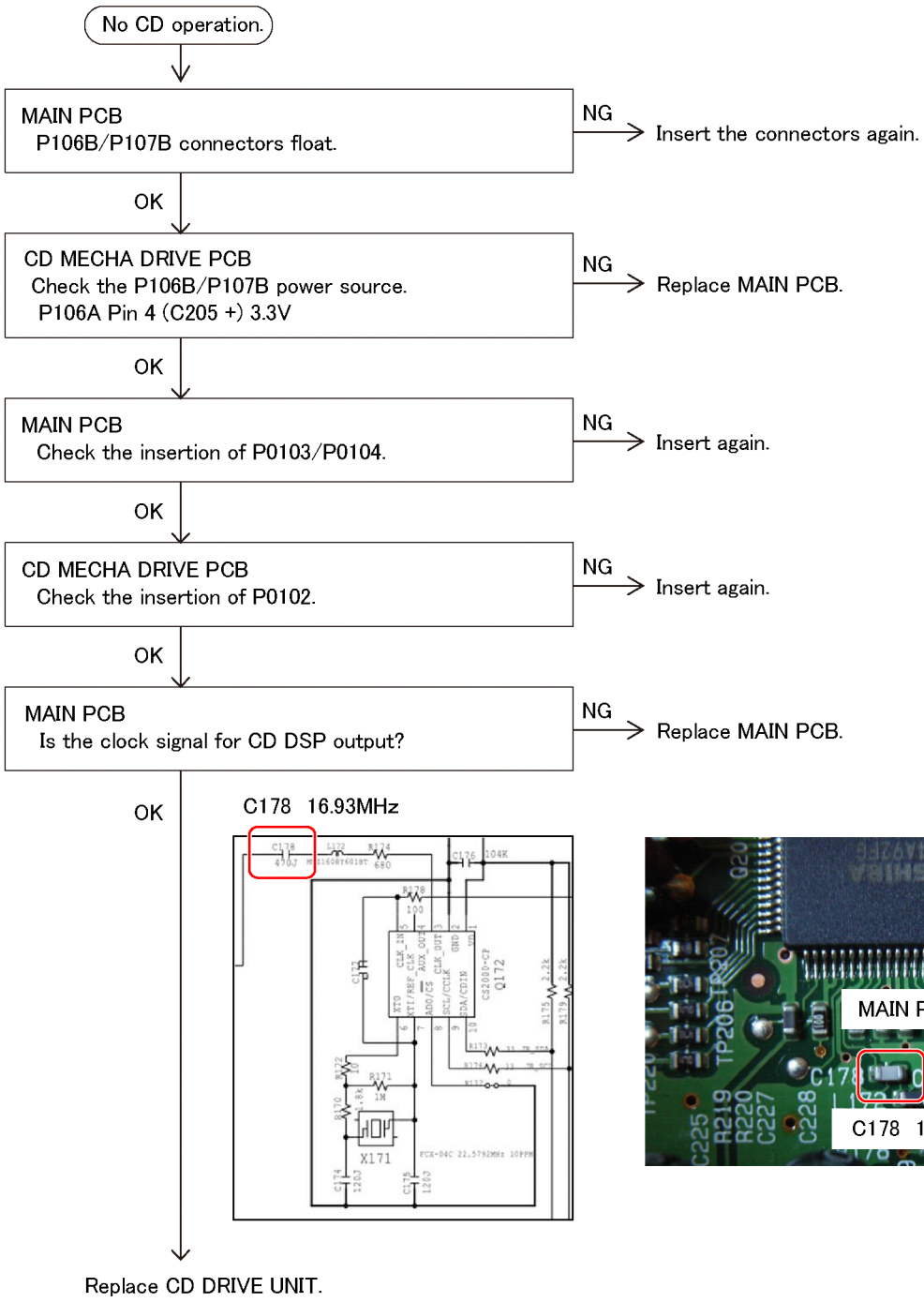
5.5. Remote control does not operate

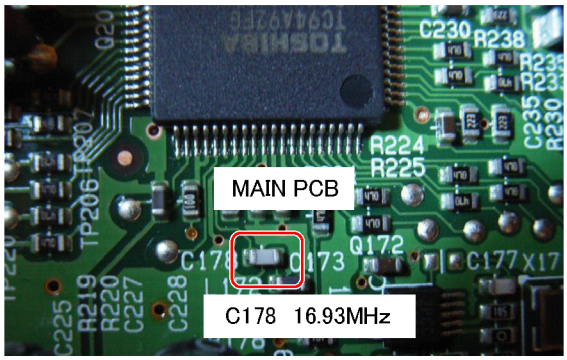


5.6. No Display

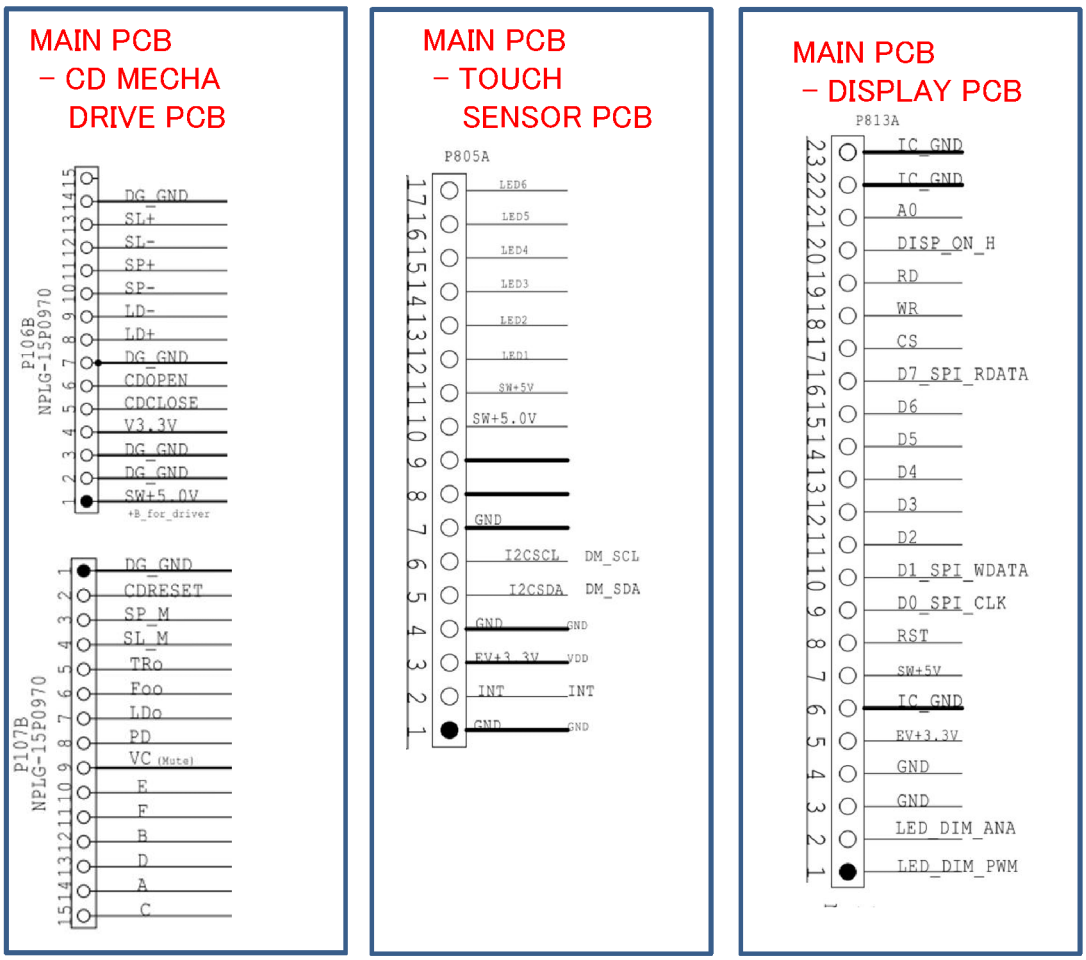


5.7. No CD operation



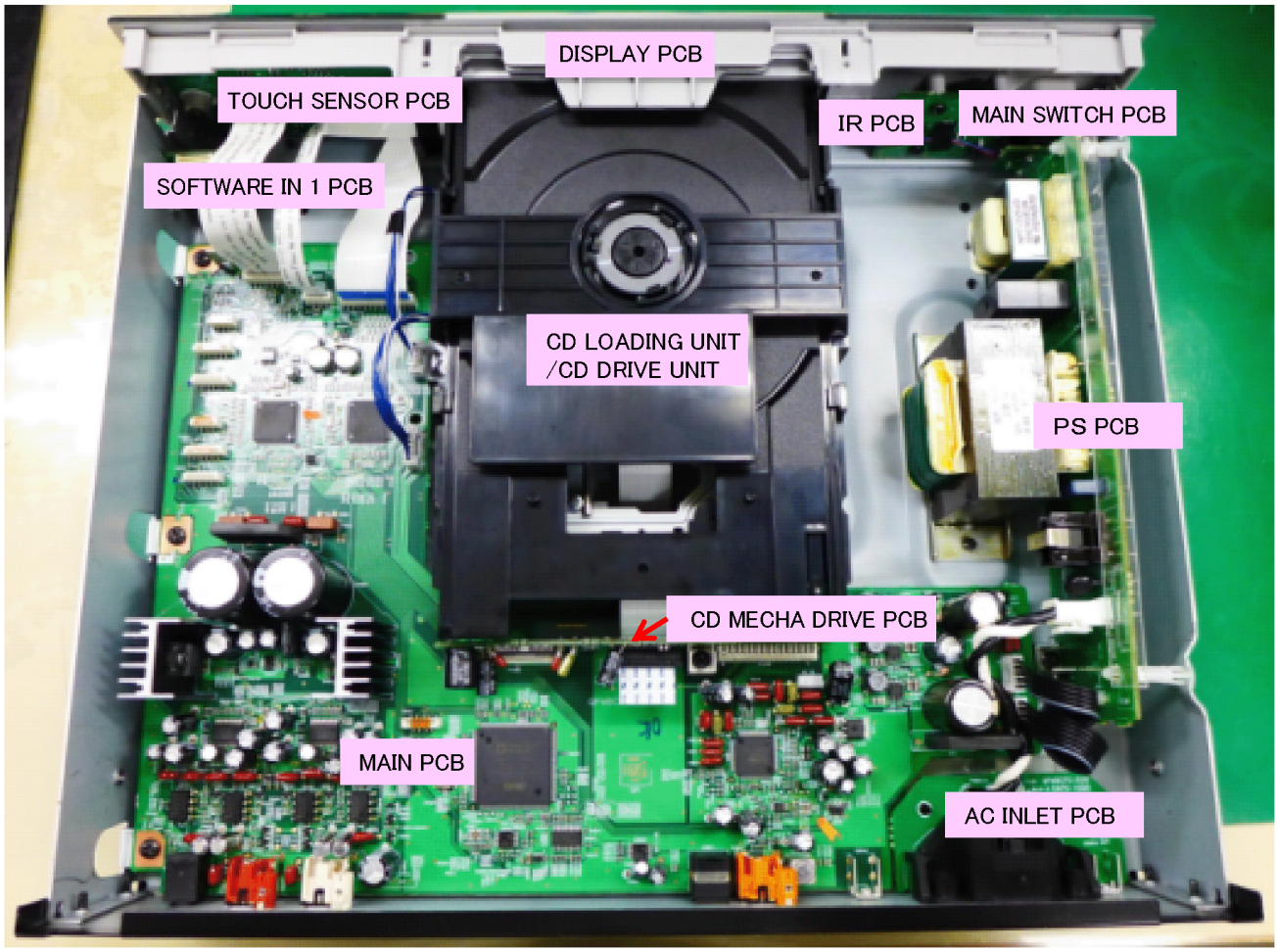


5.8. Connector pin configuration



5.9. Blocks related to each function

No	Function	Related block
1	CD	CD LOADING UNIT/CD DRIVE UNIT/MAIN PCB/CD MECHA DRIVE PCB
2	Control	MAIN PCB
3	Digital output (Optical/COAX)	MAIN PCB
4	LINE　OUT	MAIN PCB
5	Display (OLED)	MAIN PCB/DISPLAY PCB
6	Touch SW	MAIN PCB/TOUCH SENSOR PCB
7	IR (Remote control)	MAIN PCB/IR PCB



6 Disassembly and Assembly Instructions

Remove the power plug.

Remove the power plug before servicing.

Be sure to remove the power plug before disassembly, assembly and replacement of parts. Otherwise, electric shock or injury may result.

No bare-hand contact.

Be sure to wear gloves for disassembly, assembly and replacement of parts.

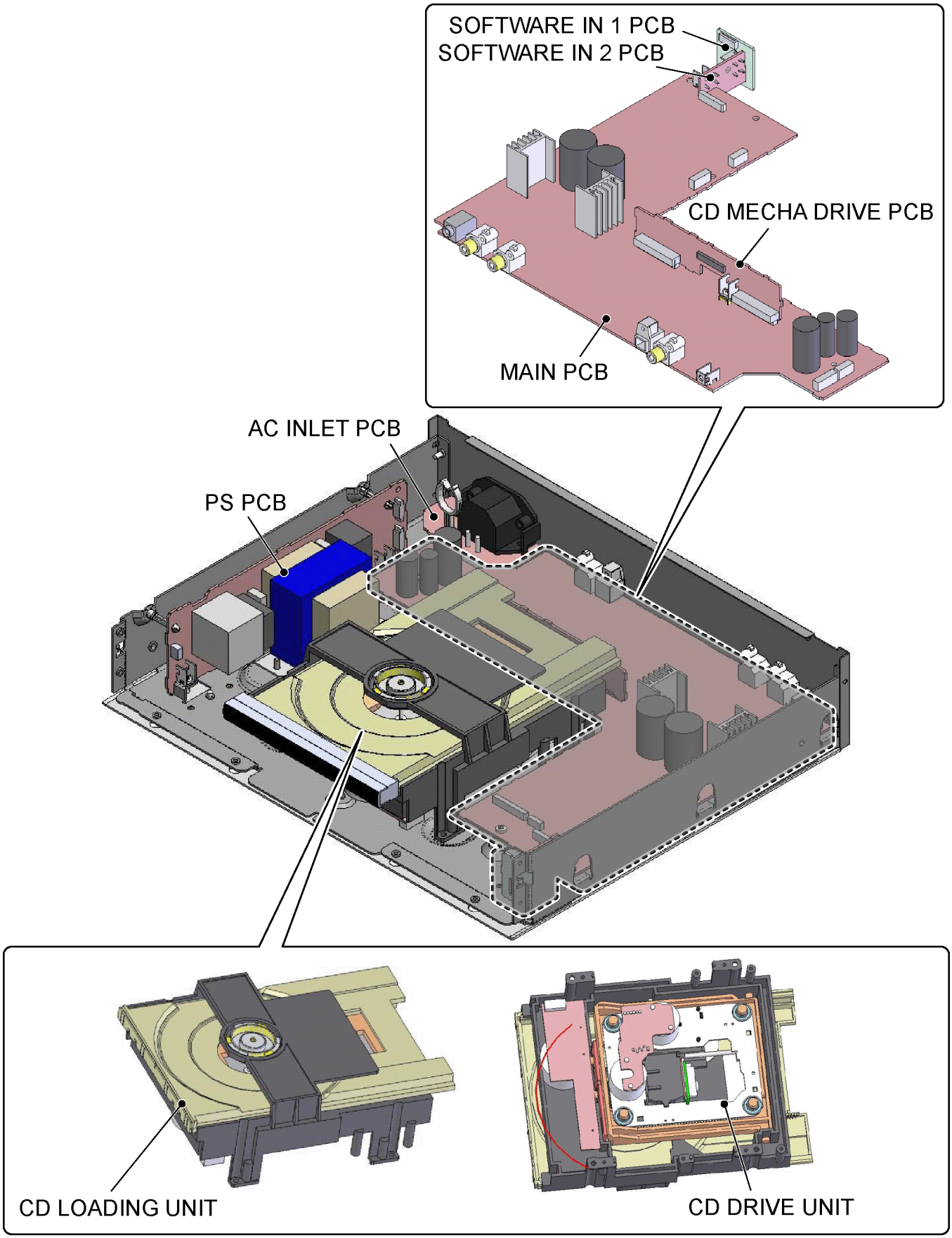
Otherwise, your fingers may get hurt by edges, etc. of parts to be removed.

Check if there is any disc inside before disassembly.

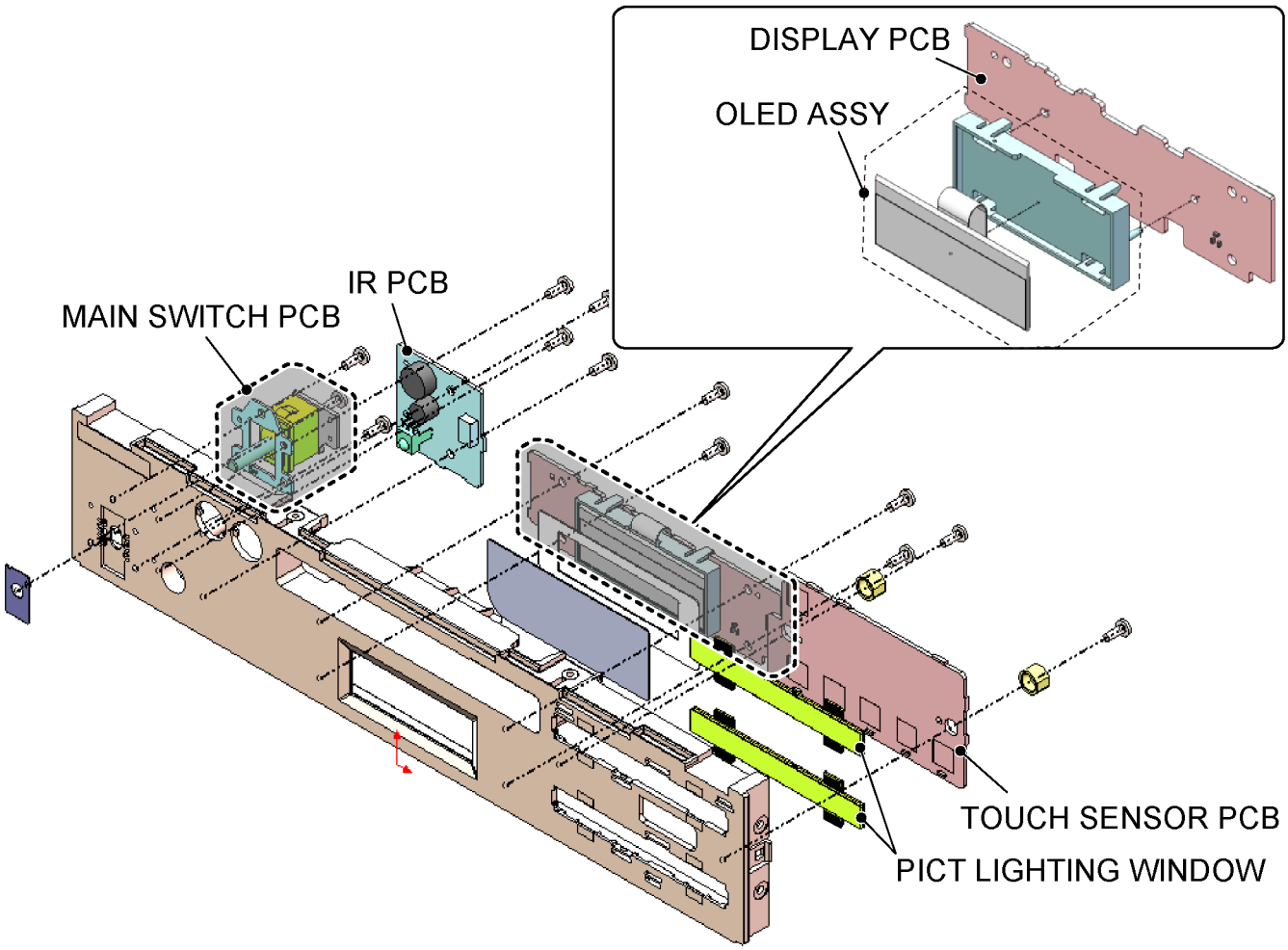
If the disc cannot be removed, perform the procedure in section 6.2.

6.1. PCB layout drawing

6.1.1. Inside the main unit

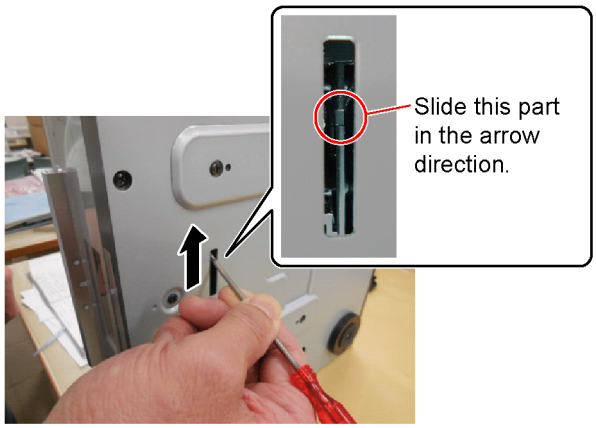


6.1.2. Front part

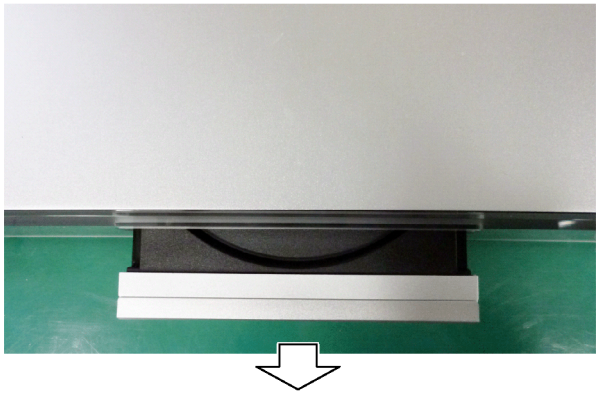


6.2. Removing the disc when the disc cannot be removed using the opening-closing button

1. Turn OFF the main unit, and remove the AC cord.
2. Place the main unit in the way that its bottom can be seen.
3. Using a flathead screwdriver (small), slide the cam slide seen from the slit at the bottom of the deck in the arrow direction, then slightly eject the tray.

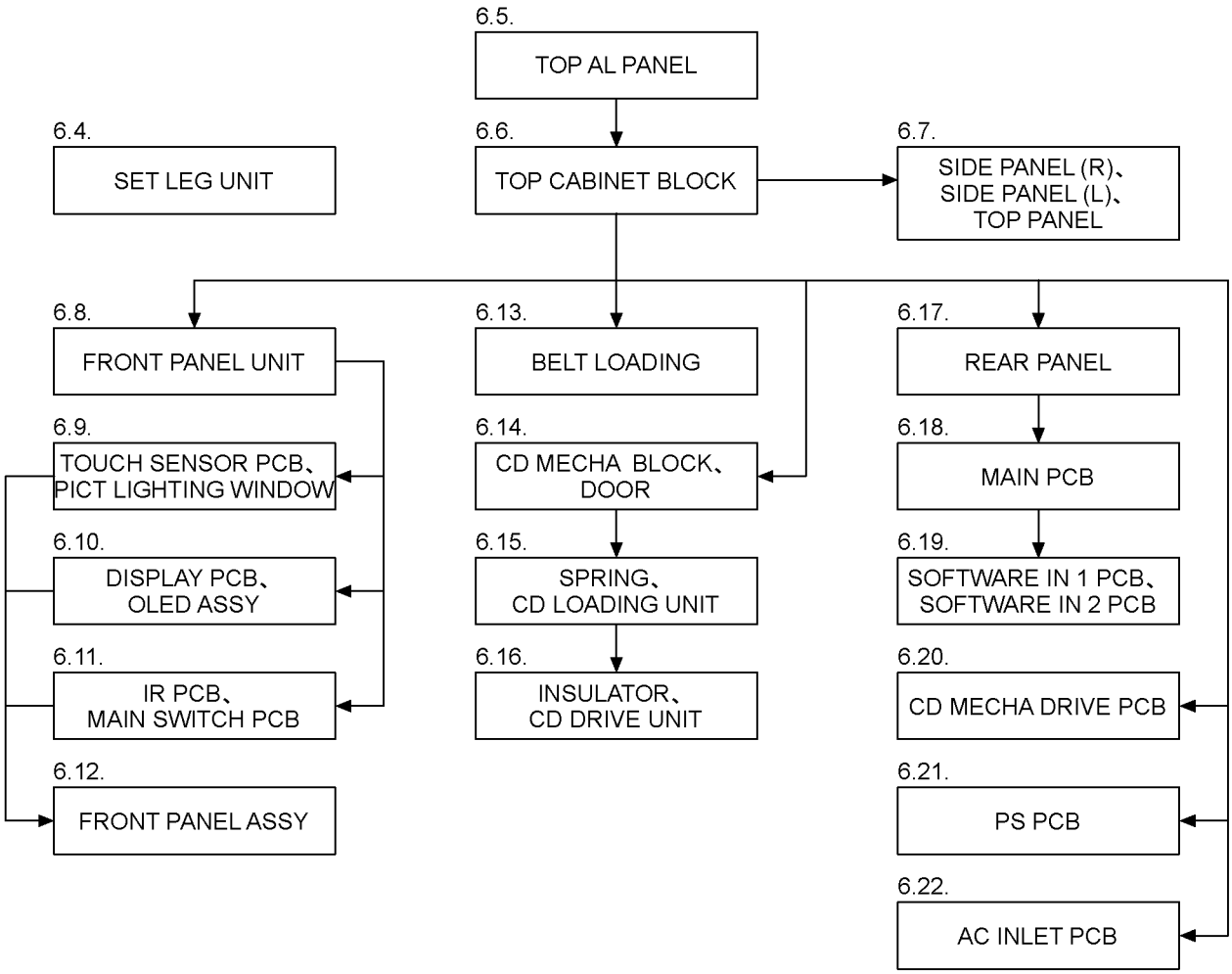


4. The tray appears in front by approx. 1 cm. Holding the front part of the drive, pull it in the arrow direction lightly, and move the tray.



6.3. Disassembly flow chart

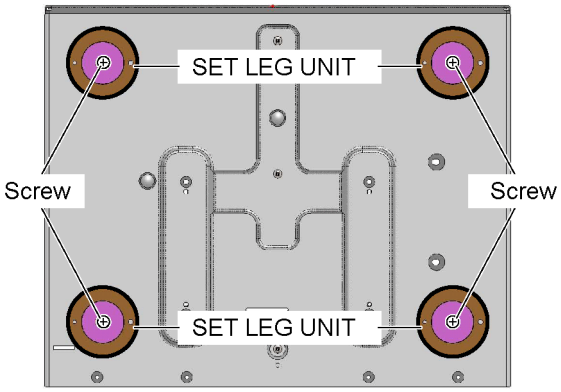
The following flow chart shows the procedure to disassemble exterior and interior parts for internal inspection.
Assembly is done in reverse order of the flow chart.



6.4. SET LEG UNIT

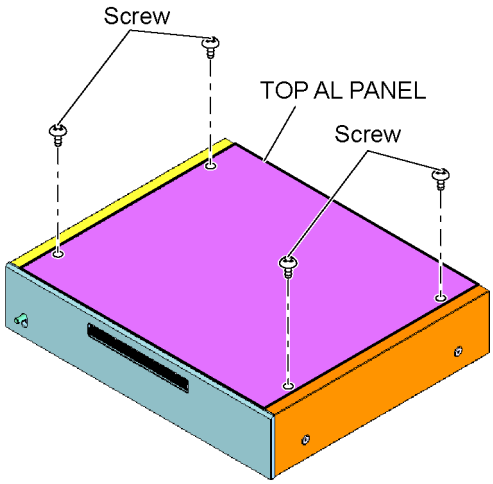
1. Remove the screws for removal.
   • Screw: 4

■Bottom view



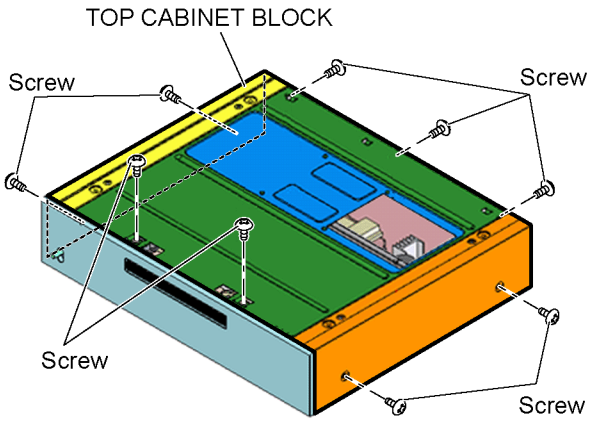
6.5. TOP AL PANEL

1. Remove the screws for removal.
   • Screw: 4

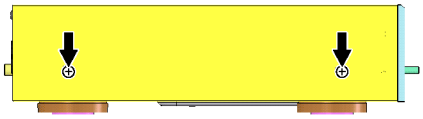


6.6. TOP CABINET BLOCK

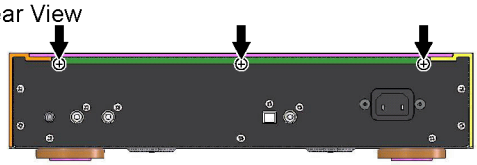
1. Remove the TOP AL PANEL.
   (See 6.5. TOP AL PANEL, step 1.)
2. Remove the screws for removal.
   • Screw: 9



■Left side view

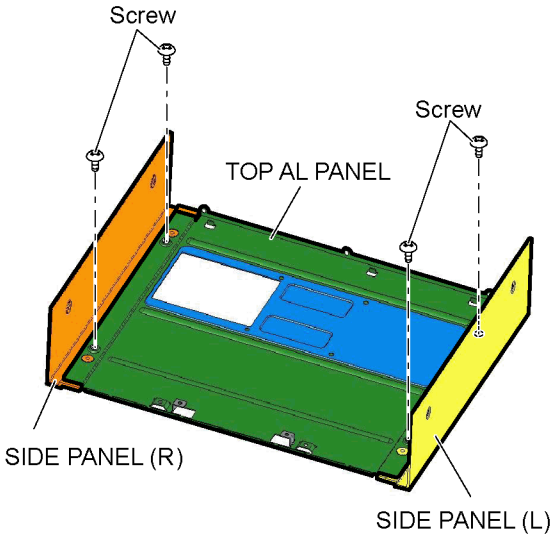


■Rear View



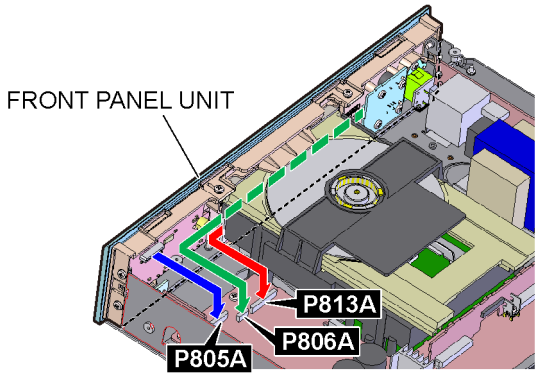
6.7. SIDE PANEL (R), SIDE PANEL (L), TOP PANEL

1. Remove the TOP AL PANEL.
   (See 6.5. TOP AL PANEL, step 1.)
2. Remove the TOP CABINET BLOCK.
   (See 6.6. TOP CABINET BLOCK, step 2.)
3. Turn it over, and remove the screws for removal.
   • Screw: 4

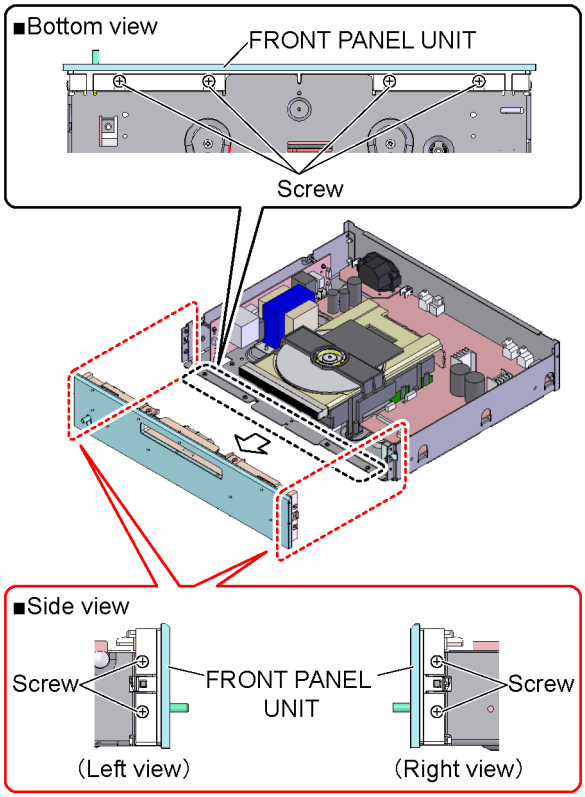


6.8. FRONT PANEL UNIT

1. Remove the couplers.
   • Coupler: P805A, P806A, P813A

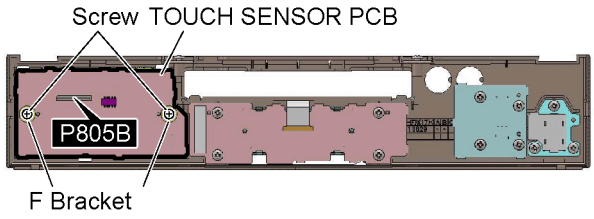


2. Remove the screws for removal.
   • Screw: 8

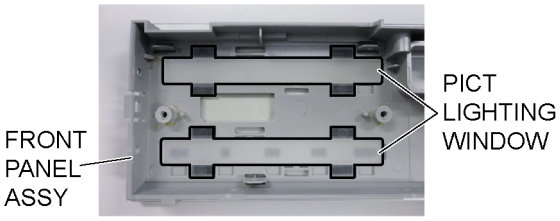


6.9. TOUCH SENSOR PCB, PICT LIGHTING WINDOW

1. Remove the FRONT PANEL UNIT.
   (See 6.8. FRONT PANEL UNIT, step 1 and 2.)
2. Remove the coupler, screws and F brackets for removal.
   • Coupler: P805B
   • Screw: 2

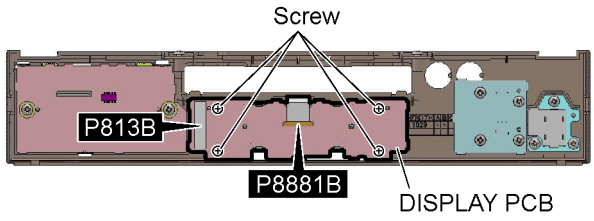


3. Remove.

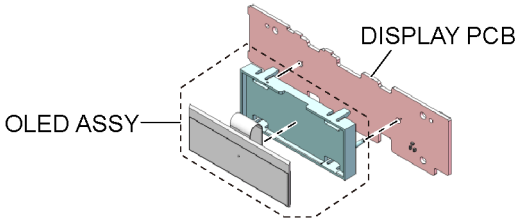


6.10. DISPLAY PCB, OLED ASSY

1. Remove the FRONT PANEL UNIT.
   (See 6.8. FRONT PANEL UNIT, step 1 and 2.)
2. Remove the couplers and screws for removal.
   ***Remove binding wires as necessary.**
   • Coupler: P813B, P8881B
   • Screw: 4

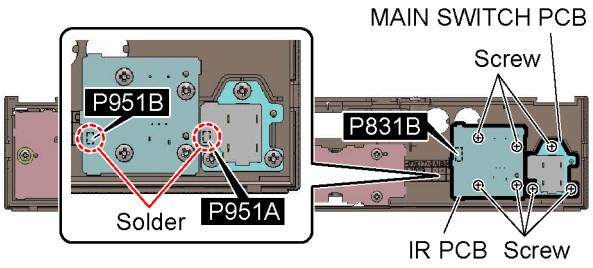


3. Remove.

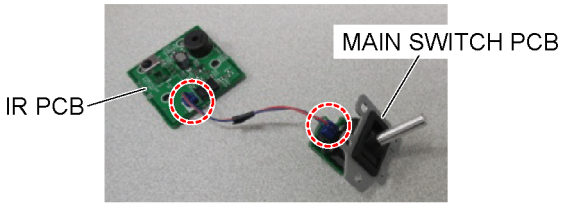


6.11. IR PCB, MAIN SWITCH PCB

1. Remove the FRONT PANEL UNIT.
   (See 6.8. FRONT PANEL UNIT, steps 1 and 2.)
2. Remove the coupler and screws for removal.
   ***Remove binding wires as necessary.**
   • Coupler: P831B
   • Screw: 7
3. Remove the solders (P951A and P951B).



■ **Note when replacing the IR PCB and MAIN SWITCH PCB**
• When replacing the IR PCB and MAIN SWITCH PCB, remove the solder on the PCB to be replaced, and then reconnect it again.

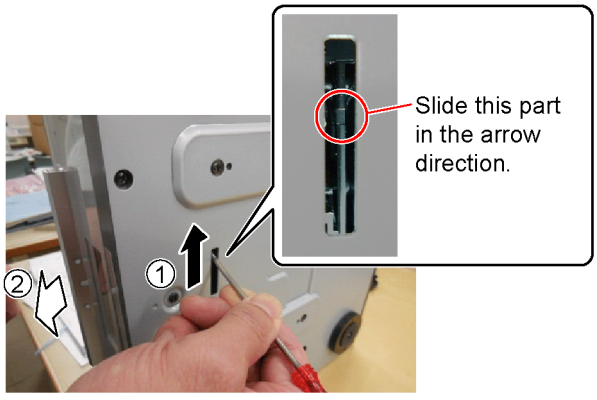


6.12. FRONT PANEL ASSY

1. Remove the FRONT PANEL UNIT.
   (See 6.8. FRONT PANEL UNIT, steps 1 and 2.)
2. Remove the TOUCH SENSOR PCB and PICT LIGHTING WINDOW.
   (See 6.9. TOUCH SENSOR PCB, PICT LIGHTING WINDOW, steps 2 and 3.)
3. Remove the DISPLAY PCB and OLED ASSY.
   (See 6.10. DISPLAY PCB, OLED ASSY, steps 2 and 3.)
4. Remove the IR PCB and MAIN SWITCH PCB.
   (See 6.11. IR PCB, MAIN SWITCH PCB, steps 2 and 3.)

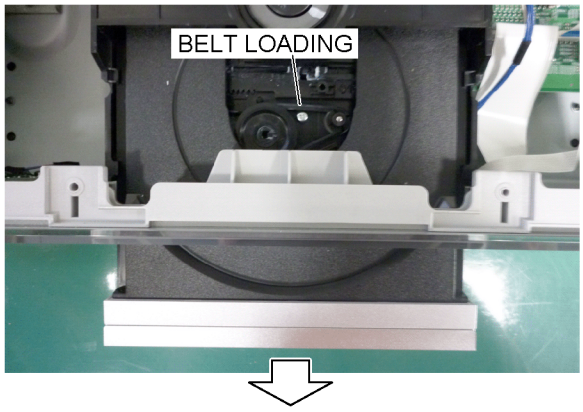
6.13. BELT LOADING

1. Stand the main unit carefully. Using a flathead screwdriver, slide the lever of the cam slide in the arrow direction. (The tray comes out approx. 1 cm as shown.)



② The tray comes out approx. 1 cm in front.

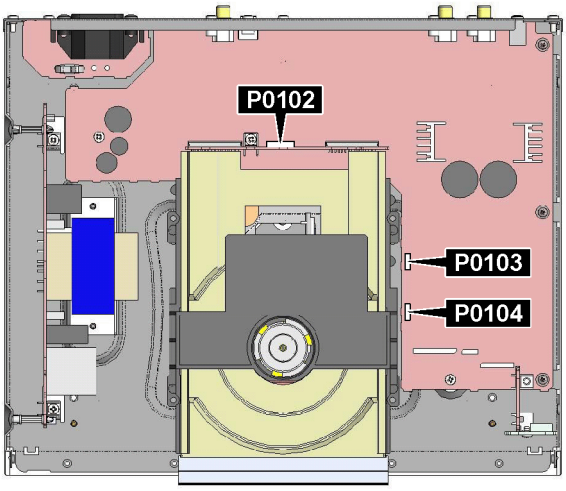
2. Remove.



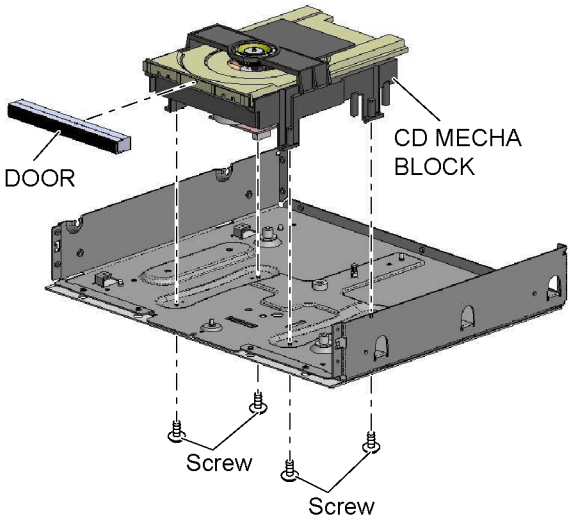
■ **Note when attaching the BELT LOADING**
• When attaching the BELT LOADING, make sure there is no twist or deflection.

6.14. CD MECHA BLOCK, DOOR

1. Remove the couplers.
   • Coupler: P0102, P0103, P0104

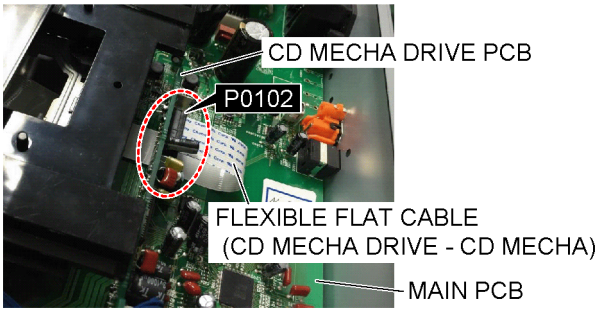


2. Remove the screws for removal.
   • Screw: 4



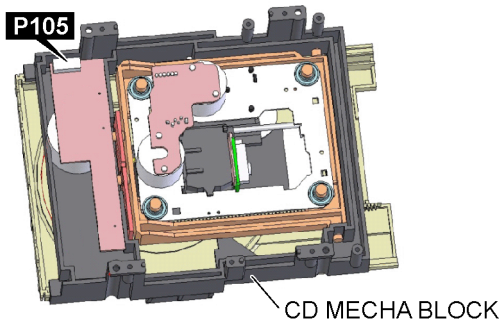
■ **Note when attaching the CD MECHA BLOCK**

• When attaching the CD MECHA BLOCK, pass the FFC into the gap between CD MECHA DRIVE PCB and MAIN PCB, and then connect it to the "Coupler: P0102".

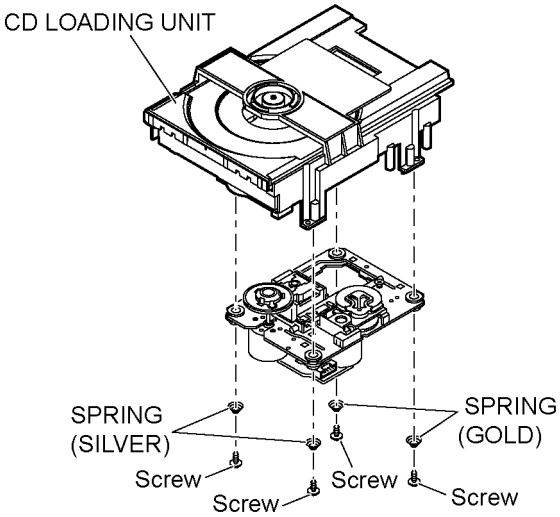


6.15. SPRING, CD LOADING UNIT

1. Remove the CD MECHA BLOCK.
   (See 6. 14. CD MECHA BLOCK, DOOR, steps 1 and 2.)
2. Remove the coupler.
   • Coupler: P105



3. Remove the screws for removal.
   • Screw: 4

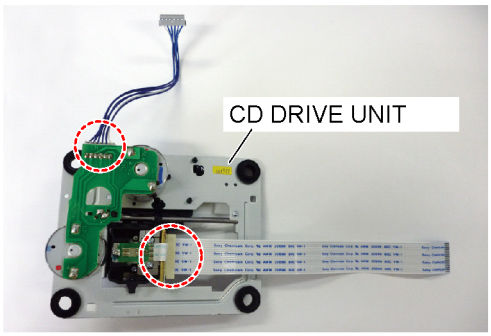


■ **Note when attaching the SPRINGs (SILVER) and (GOLD)**

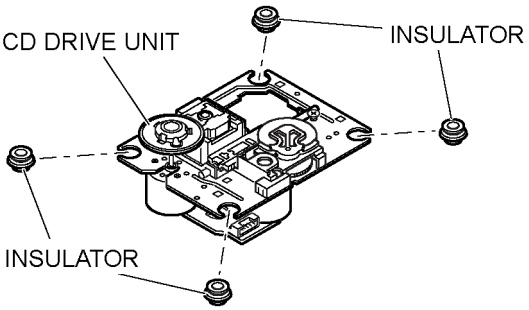
• When attaching the SPRINGs (SILVER) and (GOLD), make sure each position is correct.

6.16. INSULATOR, CD DRIVE UNIT

1. Remove the CD MECHA BLOCK.
   (See 6. 14. CD MECHA BLOCK, DOOR, steps 1 and 2.)
2. Re move the SPRINGs and CD LOADING UNIT.
   (See 6. 15. SPRING, CD LOADING UNIT, step 3.)
3. Remove the couplers.

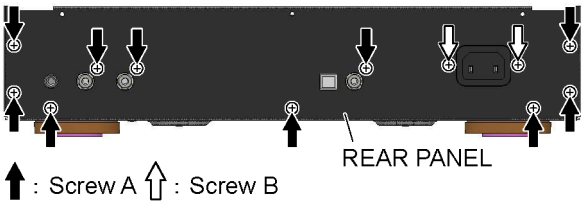


4. Remove.



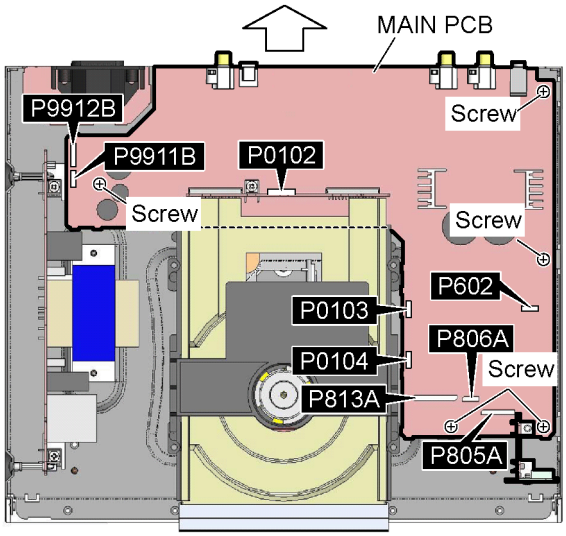
6.17. REAR PANEL

1. Remove screws A and screws B for removal.
   • Screw A: 10
   • Screw B: 2

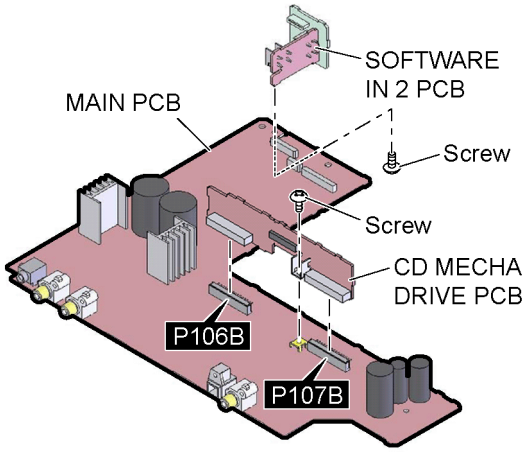


6.18. MAIN PCB

1. Remove the REAR PANEL.
   (See 6.17. REAR PANEL, step 1.)
2. Remove the couplers and screws for removal.
   • Coupler: P602, P805A, P806A, P813A, P0102, P0103, P0104, P9911B, P9912B
   • Screw: 5

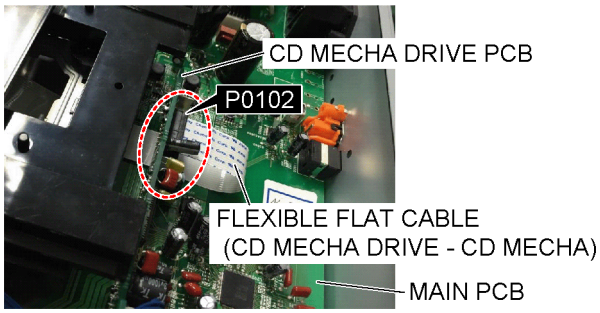


3. Remove the couplers and screws for removal.
   • Coupler: P106B, P107B
   • Screw: 2



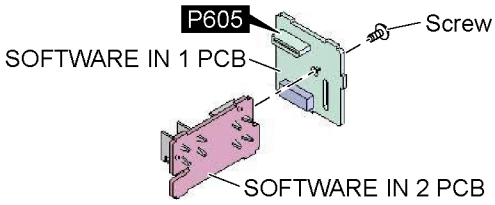
■ Note when attaching the MAIN PCB

• When attaching the MAIN PCB, pass the FFC into the gap between CD MECHA DRIVE PCB and MAIN PCB, and then connect it to the "Coupler: P0102".



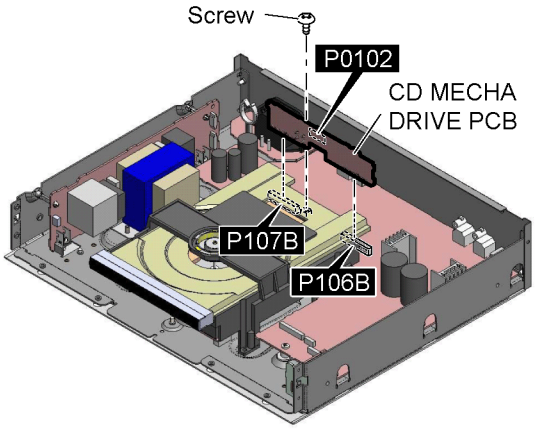
6.19. SOFTWARE IN 1 PCB, SOFTWARE IN 2 PCB

1. Remove the REAR PANEL.
   (See 6.17. REAR PANEL, step 1.)
2. Remove the MAIN PCB.
   (See 6. 18. MAIN PCB, steps 2 and 3)
3. Remove the coupler and screw for removal.
   • Coupler: P605
   • Screw: 1



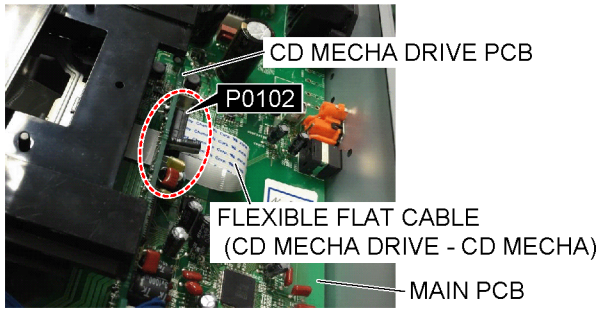
6.20. CD MECHA DRIVE PCB

1. Remove the couplers and screw for removal.
   • Coupler: P0102, P106B, P107B
   • Screw: 1



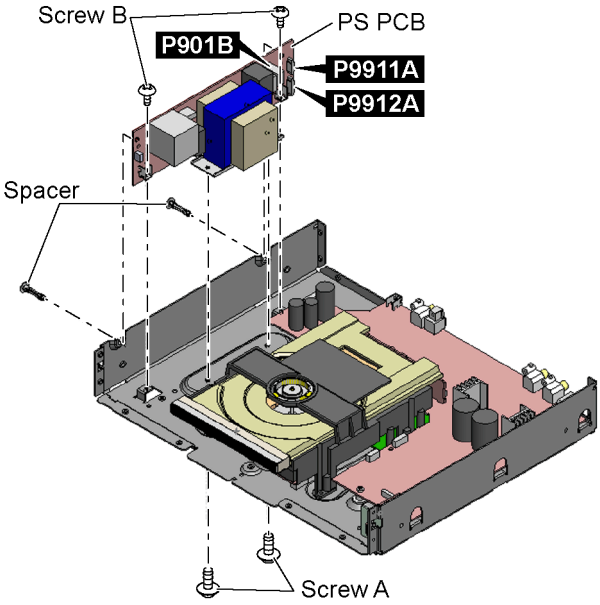
■ Note when attaching the CD MECHA DRIVE PCB

• When attaching the CD MECHA DRIVE PCB, pass the FFC into the gap between CD MECHA DRIVE PCB and MAIN PCB, and then connect it to the "Coupler: P0102".



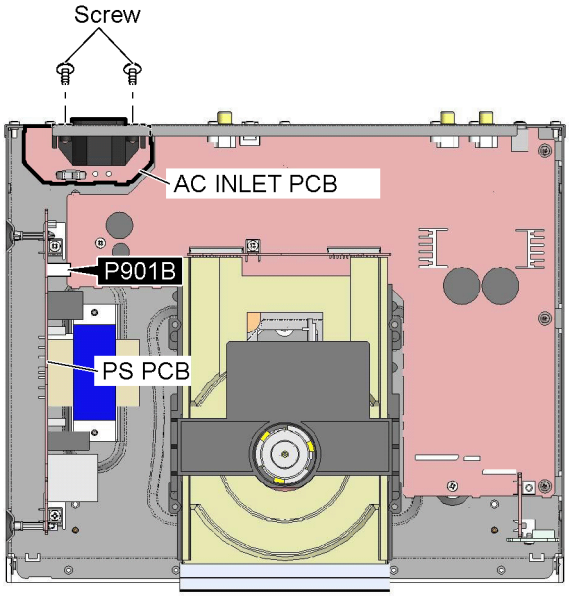
6.21. PS PCB

1. Remove the couplers screws and spacers for removal.
   ***Remove binding wires as necessary.**
   • Coupler: P901B, P9911A, P9912A
   • Screw A: 2
   • Screw B: 2

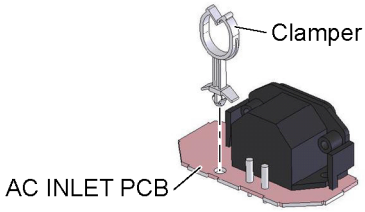


6.22. AC INLET PCB

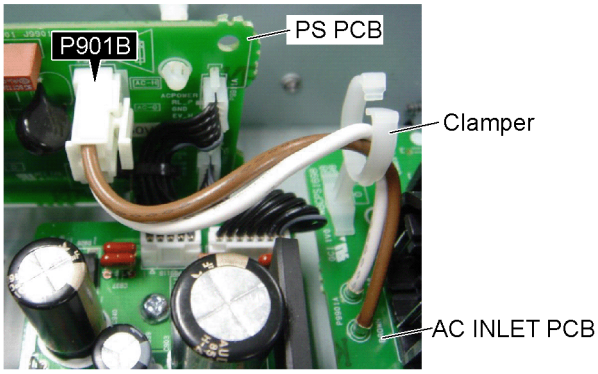
1. Remove the coupler and screws for removal.
   ***Remove binding wires as necessary.**
   • Coupler: P901B
   • Screw: 2



2. Remove the clamper.



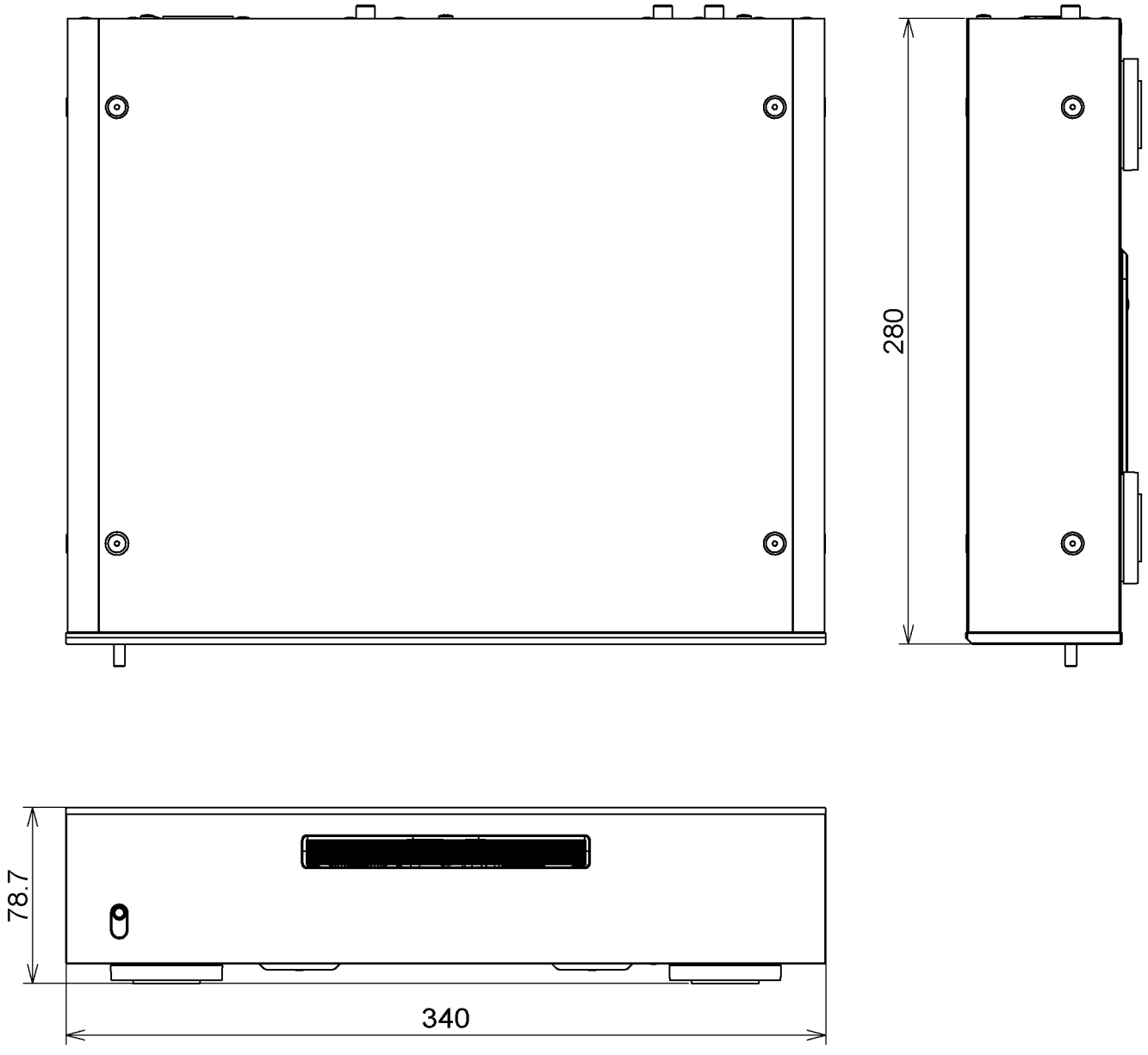
■ **Note when attaching the AC INLET PCB**
• When attaching the AC INLET PCB, pass the wires to the clamper, and then connect it to the "Coupler: P901B".



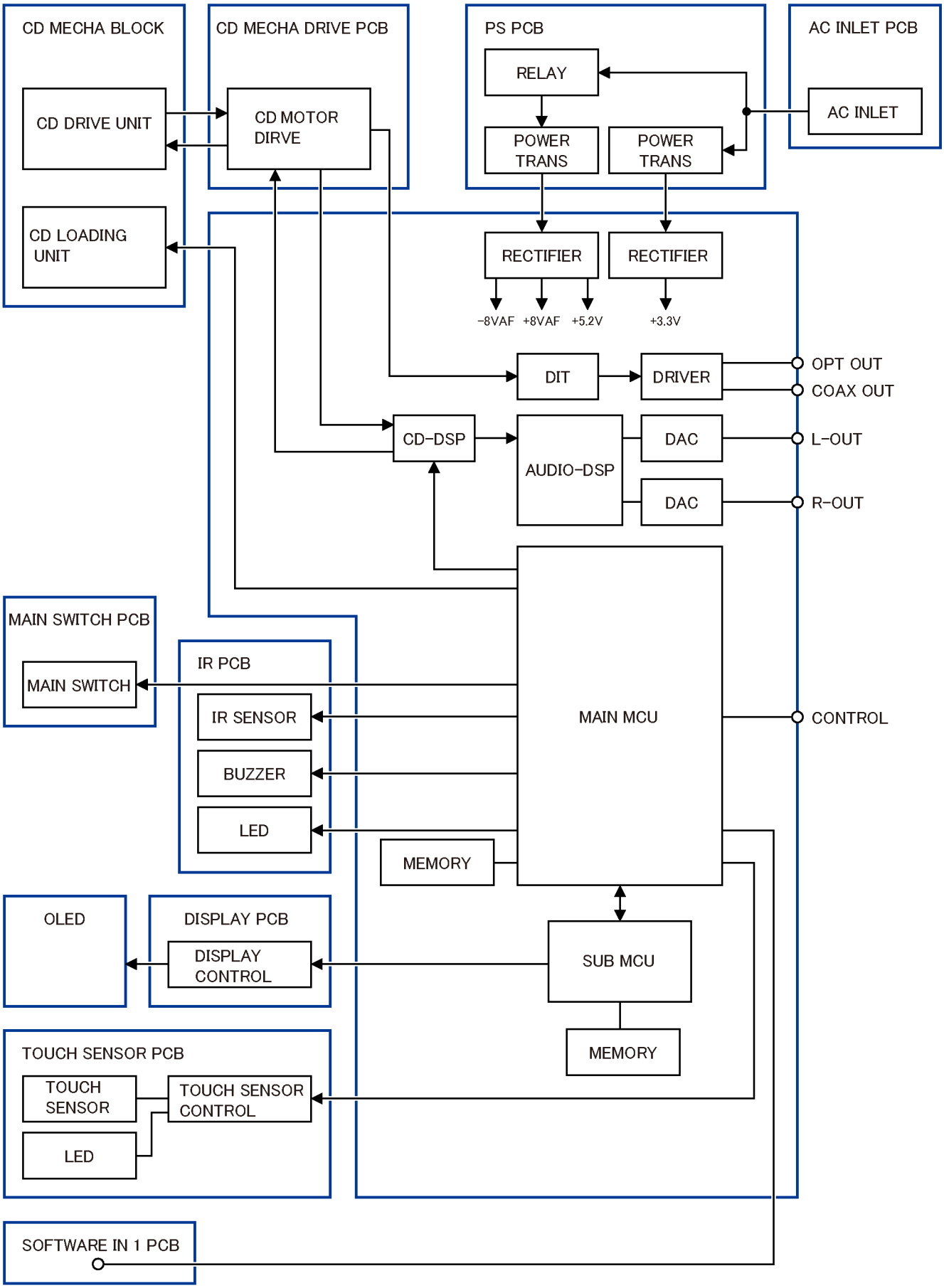
7 Dimensions

SL-C700

Unit : mm

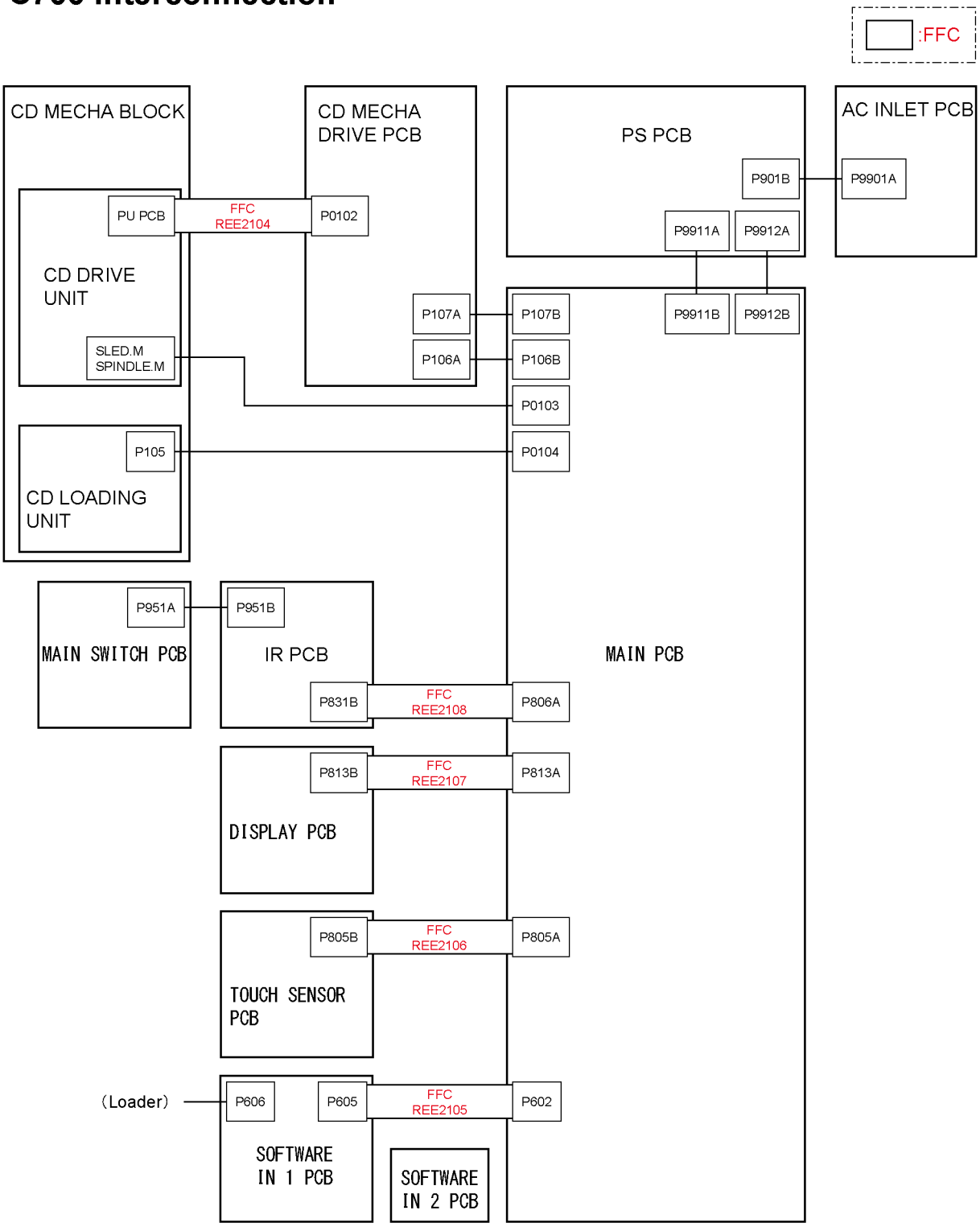


8 Block Diagram



9 Wiring Connection Diagram

SL-C700 Interconnection



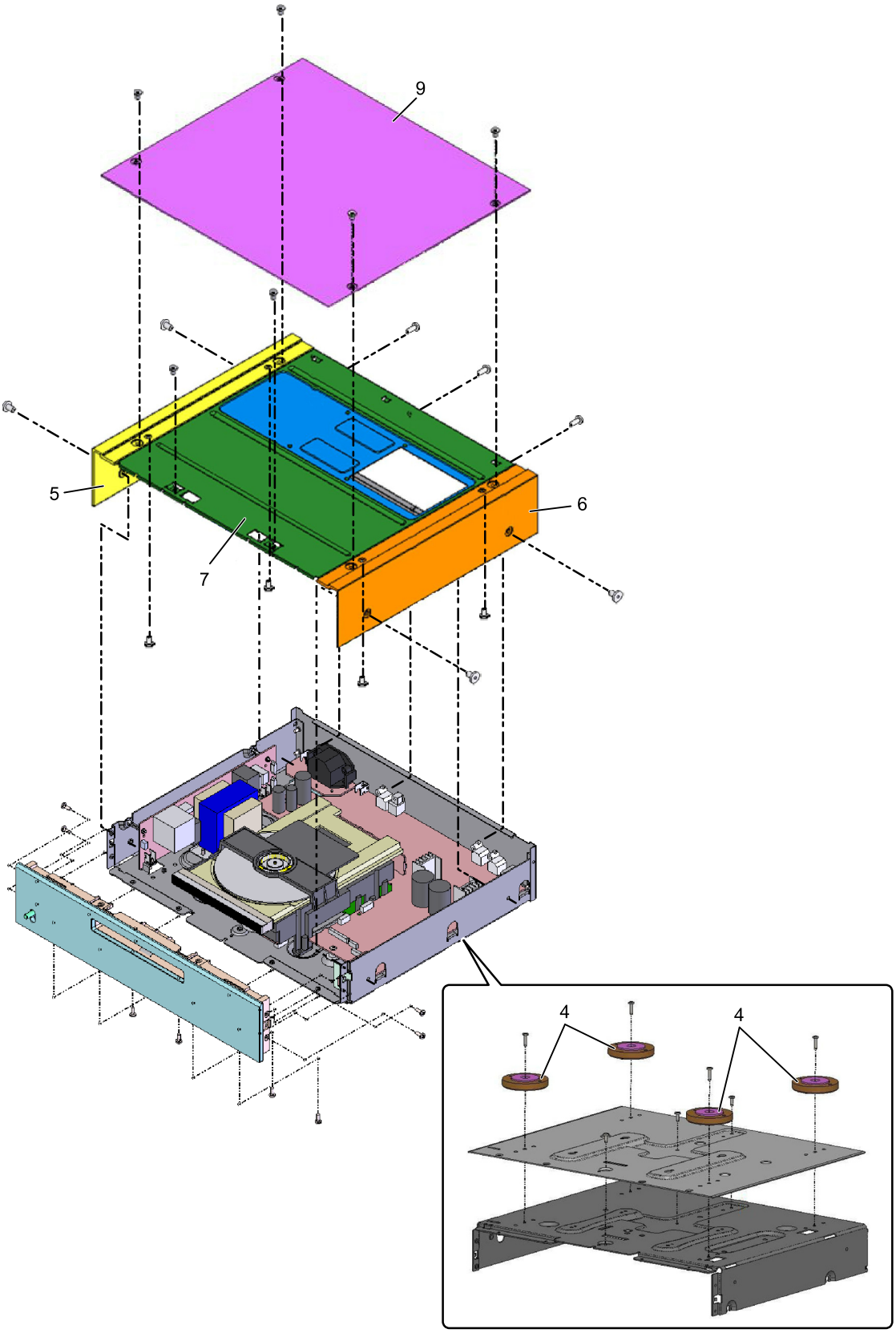
Note: 1.* Be sure to make your orders of replacement parts according to this list.

2. IMPORTANT SAFETY NOTICE
   Components identified with the mark ⚠ have the special characteristics for safety.
   When replacing any of these components, use only the same type.

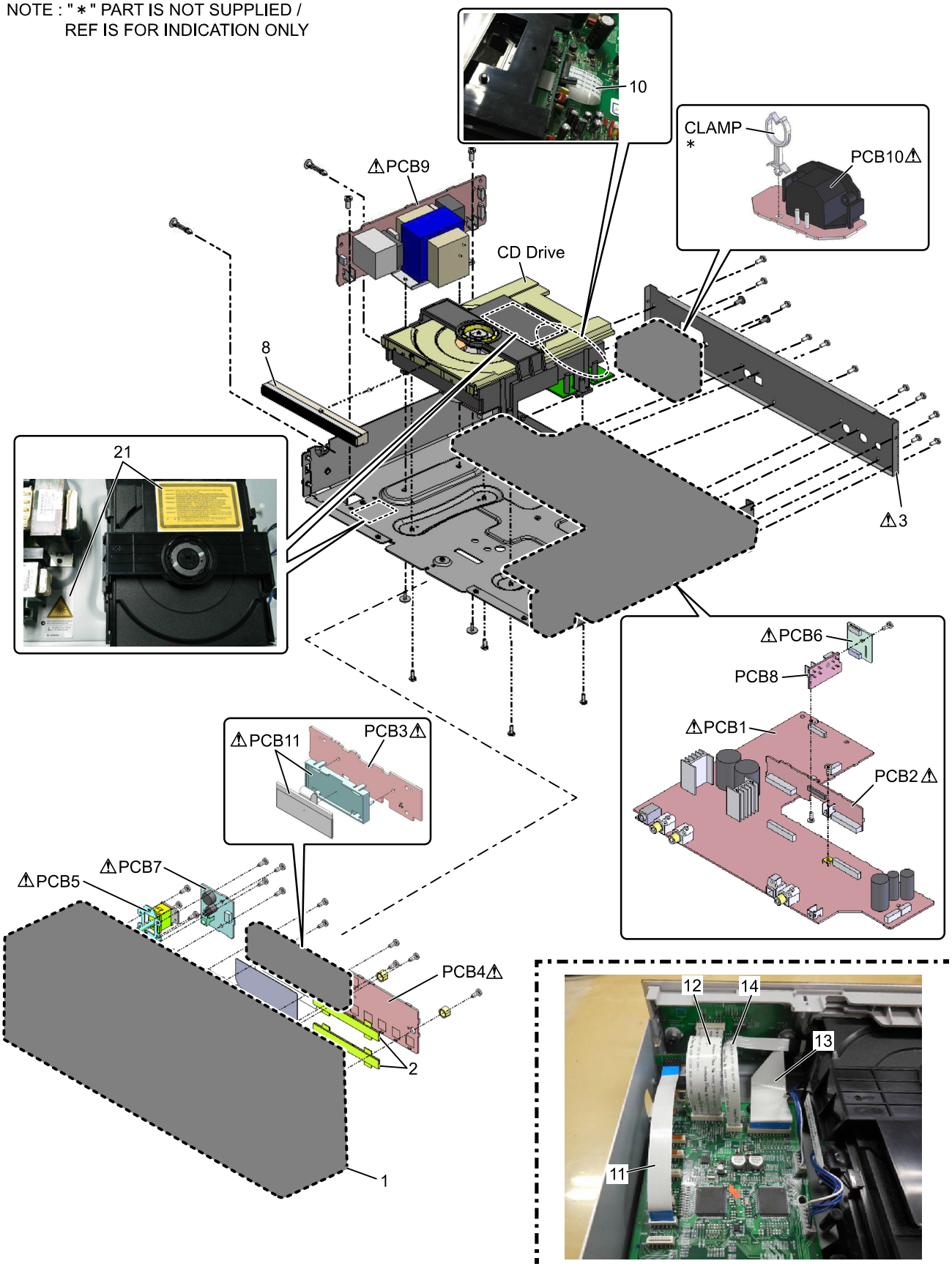
3. Unless otherwise specified,
   All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICRO-FARADS (uf), P=uuF.

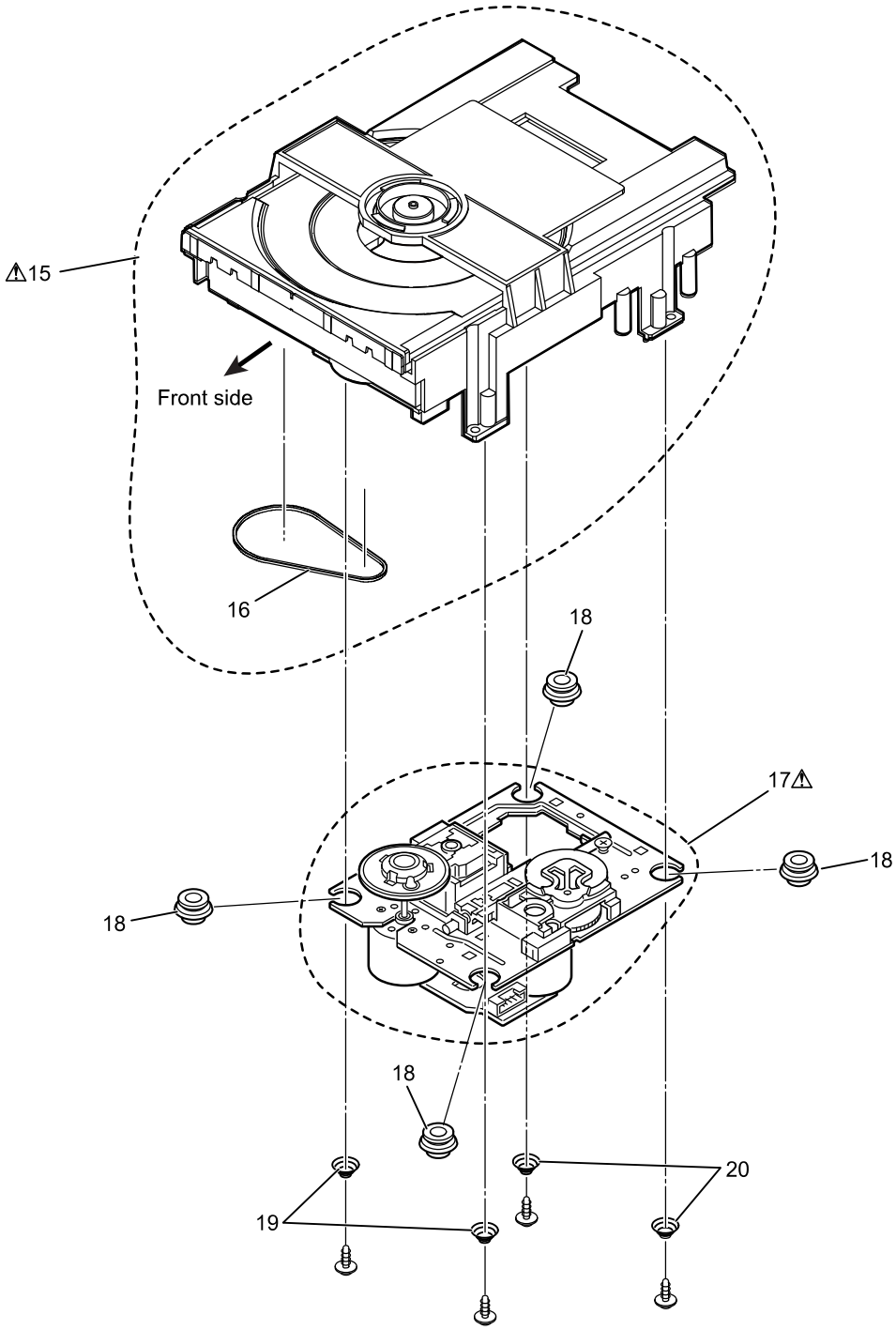
4. The marking (RTL) indicates the retention time is limited for this item. After the discontinuation of this assembly in production, it will no longer be available.

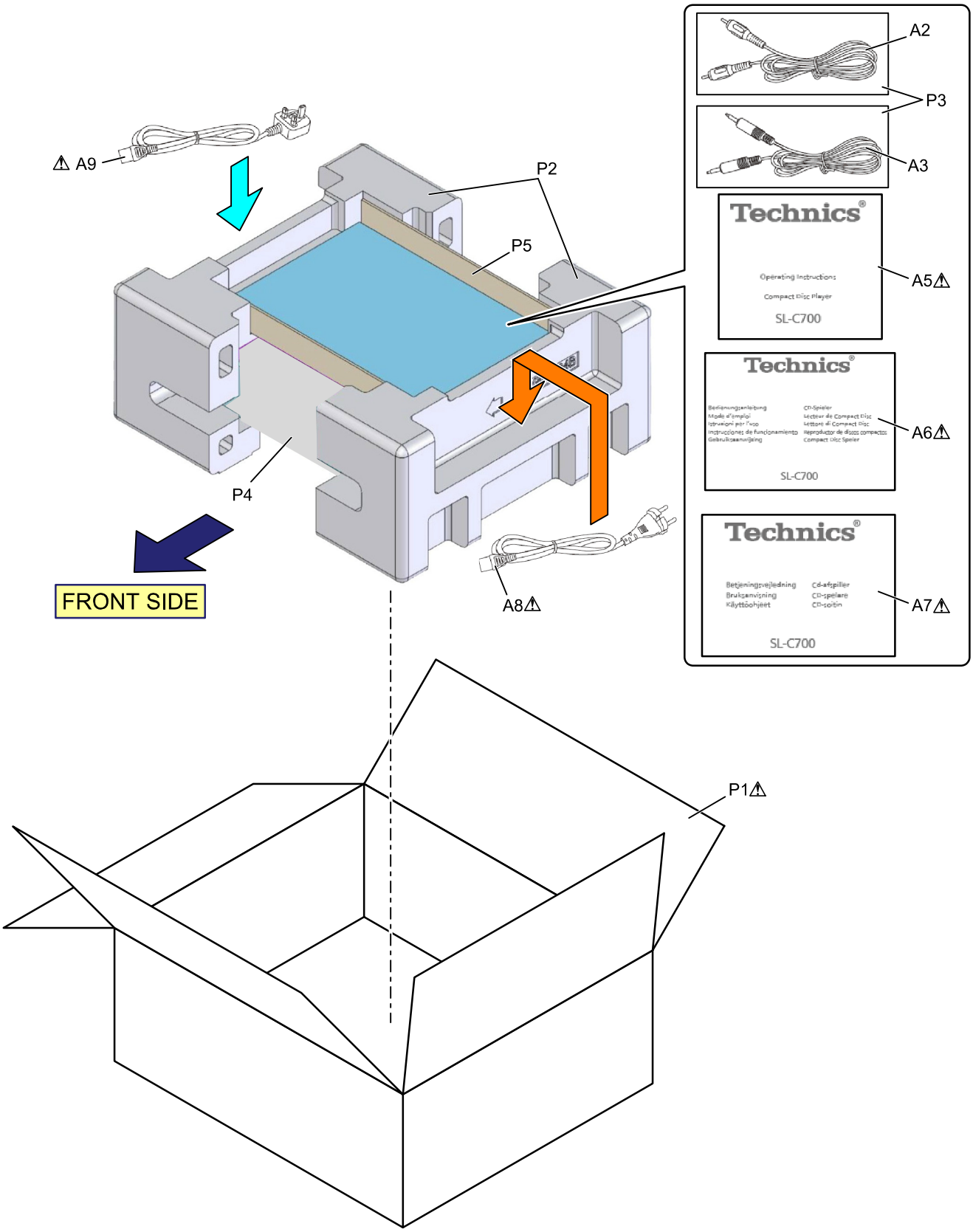
E.S.D. standards for Electrostatically Sensitive Devices, refer to "PREVENTION OF ELECTROSTATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES" section.


9
5
6
7
4
4

NOTE : " * " PART IS NOT SUPPLIED /
REF IS FOR INDICATION ONLY




⚠15
Front side
16
18
17⚠
18
18
18
19
20


A2
P3
A3
⚠ A9
P2
P5
Technics
Operating Instructions
Compact Disc Player
SL-C700
A5⚠
Technics
SL-C700
A6⚠
Technics
SL-C700
A7⚠
P4
FRONT SIDE
A8⚠
P1⚠

Model No. : SL-C700E Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		1	RKW1104-S	FRONT PANEL ASSY	1	
		2	RGL0810-Q	PICT LIGHTING WINDOW(LED)	2	
	⚠	3	RGR0480A-B	REAR PANEL	1	
		4	RKA0235-S	SET LEG UNIT	4	
		5	RGG0255A-S	SIDE PANEL (L)	1	
		6	RGG0255-S	SIDE PANEL (R)	1	
		7	RMA2508A	TOP PANEL	1	
		8	RGG0269-S	DOOR	1	
		9	RGG0254-S	TOP AL PANEL	1	
		10	REE2104	FFC (CD MECHA DRIVE - CD MECHA)	1	
		11	REE2105	FFC (MAIN - SOFTWARE IN 1)	1	
		12	REE2106	FFC (MAIN - TOUCH SENSOR)	1	
		13	REE2107	FFC (MAIN - DISPLAY)	1	
		14	REE2108	FFC (MAIN - IR)	1	
	⚠	15	RAD2211-Z	CD LOADING UNIT	1	E.S.D.
		16	RMG1027-K	BELT LOADING	1	
	⚠	17	RAM2211A-Z	CD DRIVE UNIT	1	E.S.D.
		18	RMG1028-K	INSULATOR	4	
		19	RMB0997	SPRING (SILVER)	2	
		20	RMB0998	SPRING (GOLD)	2	
		21	RQLS0571	LABEL	1	
	⚠	PCB1	REP5260AA	MAIN PCB	1	E.S.D.
	⚠	PCB2	REP5260AB	CD MECHA DRIVE PCB	1	E.S.D.
	⚠	PCB3	REP5260AC	DISPLAY PCB	1	E.S.D.
	⚠	PCB4	REP5260AD	TOUCH SENSOR PCB	1	E.S.D.
	⚠	PCB5	REP5260AE	MAIN SWITCH PCB	1	E.S.D.
	⚠	PCB6	REP5260AF	SOFTWARE IN 1 PCB	1	E.S.D.
	⚠	PCB7	REP5260AG	IR PCB	1	E.S.D.
		PCB8	REP5260AH	SOFTWARE IN 2 PCB	1	
	⚠	PCB9	REP5261AA	PS PCB	1	E.S.D.
	⚠	PCB10	REP5261AB	AC INLET PCB	1	E.S.D.
	⚠	PCB11	RSQ0141	OLED ASSY	1	E.S.D.
	⚠	P1	SPG0330	PACKING CASE	1	
		P2	RPN2734	CUSHION	1	
		P3	SPF0045	POLY BAG	2	
		P4	SPH0016	SHEET	1	
		P5	SPQ0017	SHEET	1	
	⚠	A5	SQT0708	OPERATING INSTRUCTIONS (ENGLISH)	1	
	⚠	A6	SQT0709	OPERATING INSTRUCTIONS (GER_FRE_ITA _SPA_DUT)	1	
	⚠	A7	SQT0710	OPERATING INSTRUCTIONS (DAN_SWE_FIN)	1	
		A2	K2KYYYY00251	COAXIAL DIGITAL CABLE	1	
		A3	K2KYYYY00233	SYSTEM CONNECTION CABLE (M3 CABLE)	1	
	⚠	A8	K2OQ2YY00127	AC MAINS LEAD (ROUND 2PINS)	1	
	⚠	A9	K2CT2YY00103	AC MAINS LEAD (RECTANGULAR 3PINS)	1	