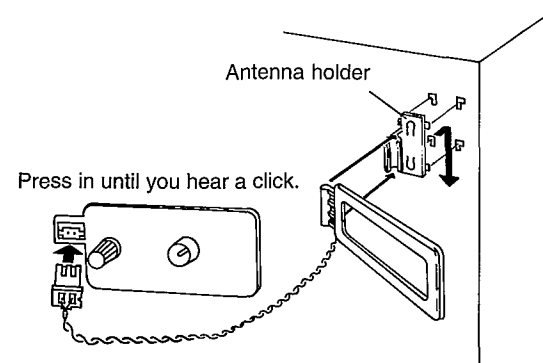
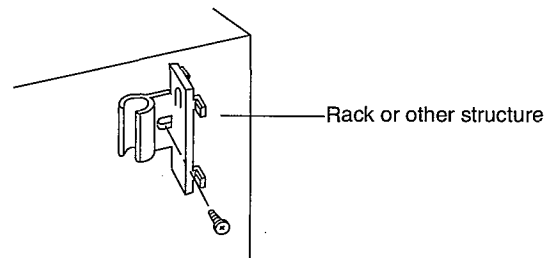


3 Connect the LW/MW loop antenna.

1. Attach the antenna holder to the rear panel of the tuner/sound processor.
2. Clamp the antenna to the antenna holder and connect the antenna terminal to the rear panel of the tuner/sound processor.
3. Position the loop for the best reception.



You may attach the LW/MW antenna holder with screw (included) to a rack or other structure. In this case, attach as showed in the figure below.



Note

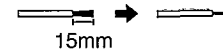
To minimize noise pickup, keep the LW/MW loop antenna cord along the heat outlet grille, and away from the flat cables.

4 Connect the right (R) and left (L) speaker cables.

Notes

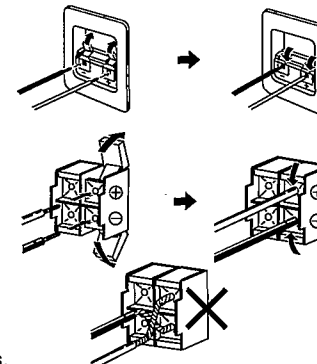
- Be sure to connect speaker cables before connecting the AC power supply cord.
- The load impedance of any speaker used with this unit must be 6–8Ω.
- Match the two wires from the left and right speaker cables with the same coloured levers of the speaker terminals, then insert the wires into the respective terminals.

1. Strip off the outer covering, and twist the center conductor.



Make sure the bare ends of the wires are not unraveled. (If they are, twist them tight again.)

2. Insert the wire to the rear panel of the speakers, and then pull down the lever.
3. Insert the wire to the rear panel of the amplifier, and close the lever.



Notes

- To prevent damage to circuitry, never short-circuit positive (+) and negative (–) speaker wires.
- Be sure to connect only positive (red) wires to positive (+) terminals and negative (black) wires to negative (–) terminals.

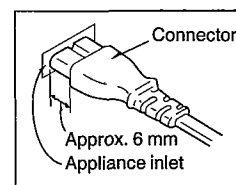
For United Kingdom

BE SURE TO READ THE CAUTION FOR AC MAINS LEAD ON PAGE 3 BEFORE PROCEEDING TO STEP 5.

5 Connect the AC power supply cord after you have connected all other cables.

For United Kingdom Insertion of Connector

Even when the connector is perfectly inserted, depending on the type of inlet used, the front part of the connector may jut out as shown in the drawing. However there is no problem using the unit.



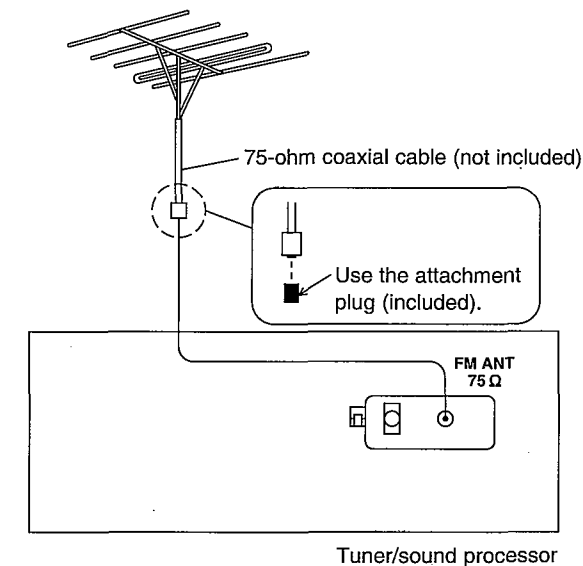
Optional antenna connections

FM outdoor antenna (not included)

If the FM indoor antenna does not provide satisfactory reception of FM broadcasts, use an outdoor antenna.

You may need an outdoor antenna if you use this system in a mountainous region or inside a reinforced-concrete building, etc. An outdoor antenna should be installed by a competent technician only.

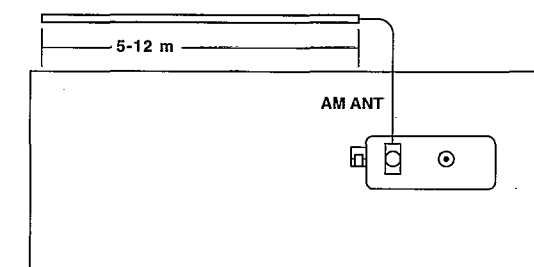
FM outdoor antenna



LW/MW outdoor antenna (not included)

An outdoor antenna may be required in a mountainous region, or if this system is located inside a reinforced-concrete building, etc.

Run 5 to 12 m of vinyl-covered wire horizontally along a window or other convenient location.

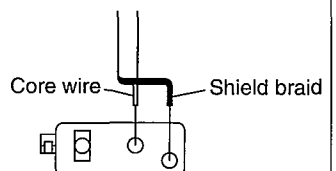
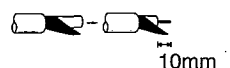
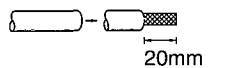


Note

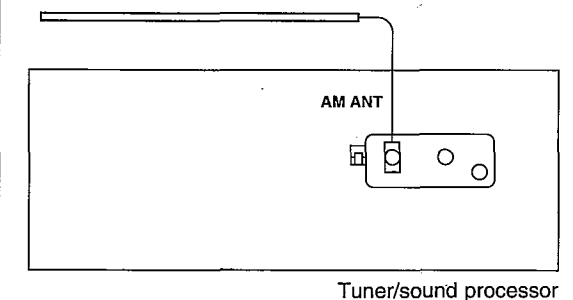
Do not remove the LW/MW loop antenna.

For areas except United Kingdom (FM outdoor antenna)

1. Remove a piece of the outer vinyl sheath from the end.
2. Bundle the shield braid, and remove a piece of the inner vinyl sheath covering the core wire.
3. Connect the core wire and the shield braid.

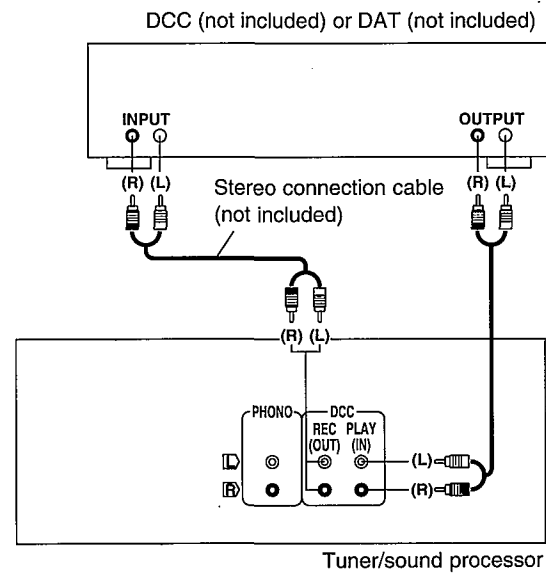


For areas except United Kingdom (LW/MW outdoor antenna)

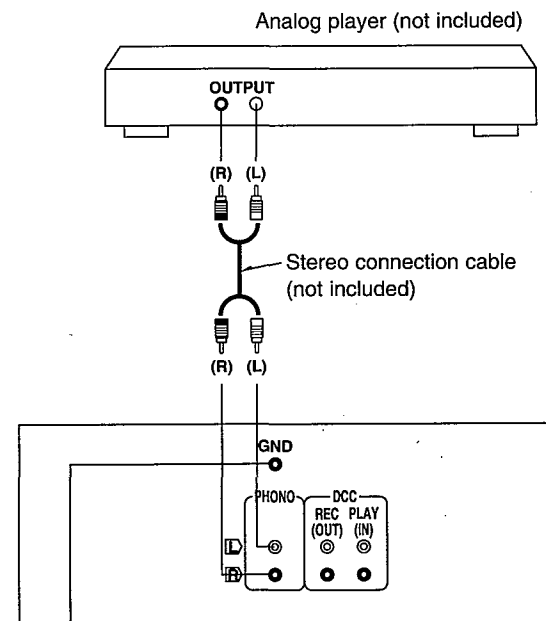


External unit connection

DCC (digital compact cassette deck) or DAT (digital audio tape deck)

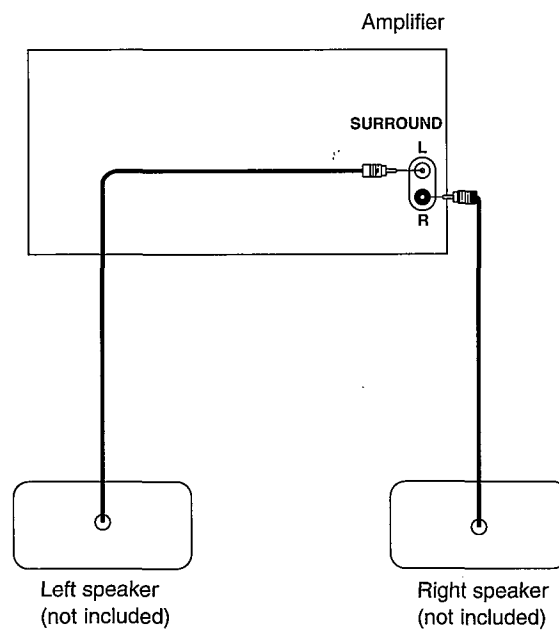


Analog player



For United Kingdom only: "GND" terminal
This terminal is for a ground wire use.

Rear surround speakers



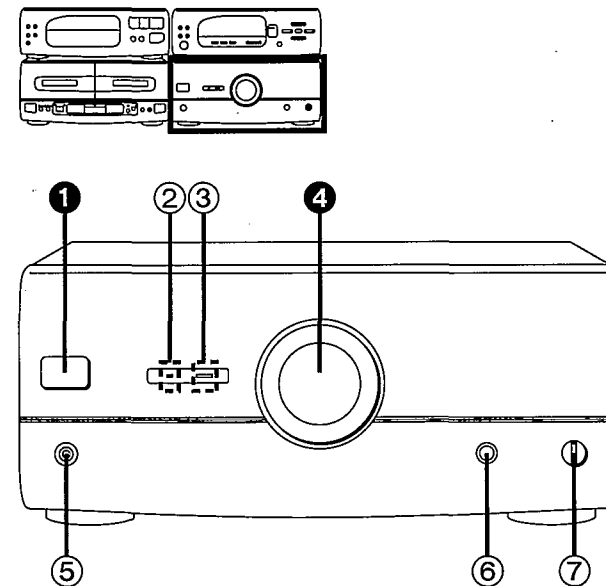
Note

Be sure to connect both speaker systems. If only one side is connected, no sound will be heard.

Install each speaker left and right at the back of the listening space.

Location of Controls

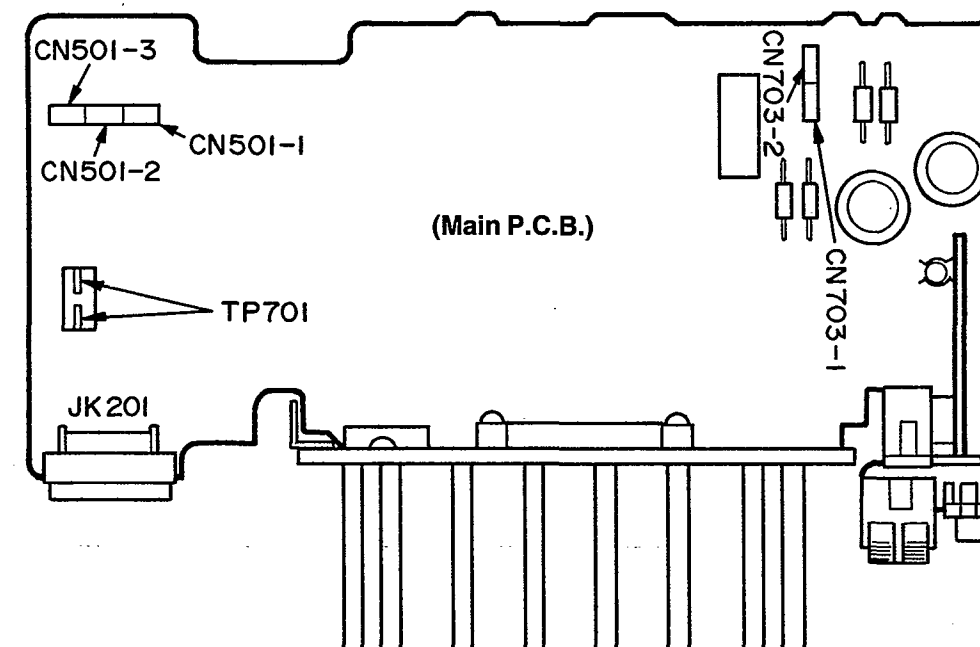
The functions indicated by the numbers with black background (for example ❶) can also be activated from the remote control transmitter.



No.	Name
❶	Power "STANDBY" switch (POWER, STANDBY) 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.
❷	Standby indicator (STANDBY) When the unit is connected to the AC mains supply, this indicator lights up in standby mode and goes out when the unit is turned on.
❸	Power indicator (POWER)
❹	Volume control (VOLUME)
❺	Headphones jack (PHONES) (Ø3.5, 32Ω)
❻	Microphone jack (MIC) (Ø6.2, 600Ω)
❼	Microphone volume control (MIC VOLUME)

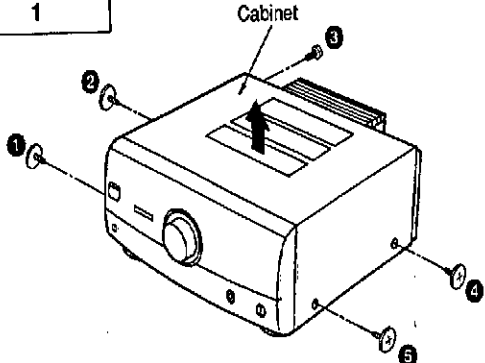
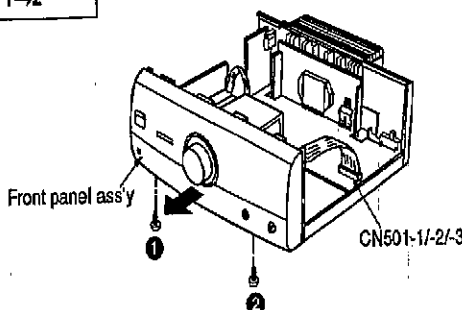
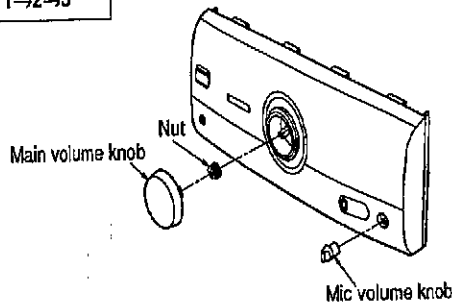
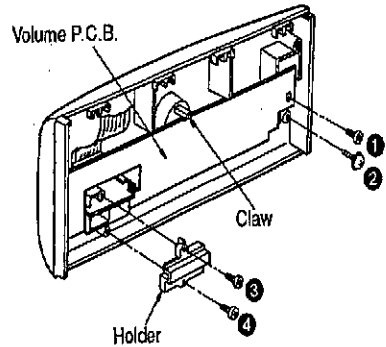
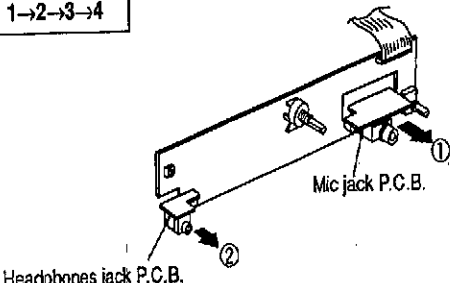
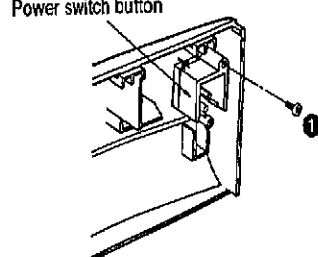
Power ON/OFF for Power Amplifier SE-CH404

1. Apply 100 V AC power from AC cord. (The unit comes to STAND BY mode.)
2. Short TP701 as shown below
Power LED lights and the unit comes to power ON mode.
Since this, ON/OFF mode switching can not be performed by pushing the POWER button.



Disassembly Instructions

"ATTENTION SERVICER"
Some chassis components may have sharp edges. Be careful when disassembling and servicing.

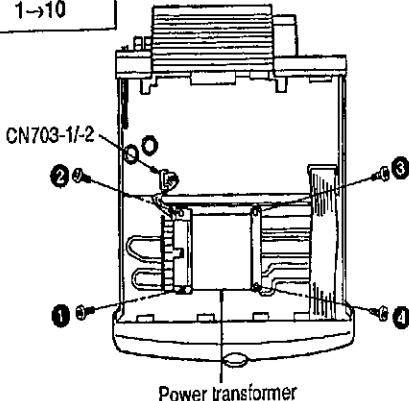
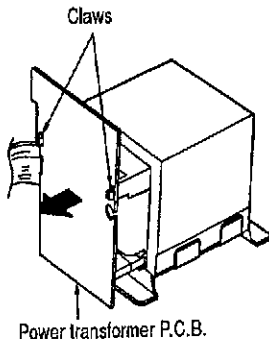
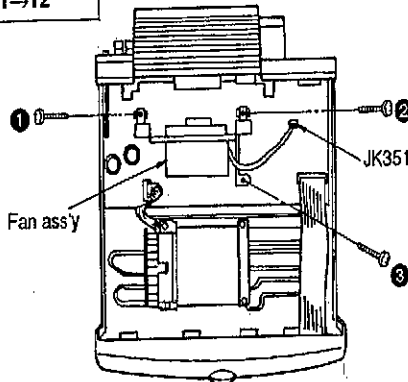
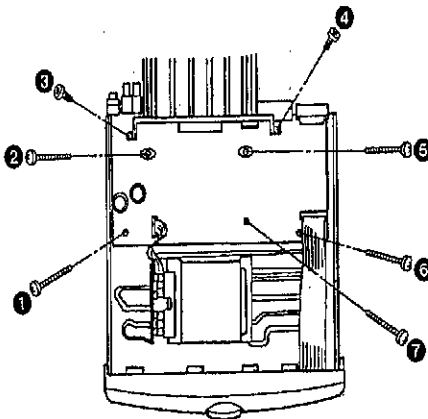
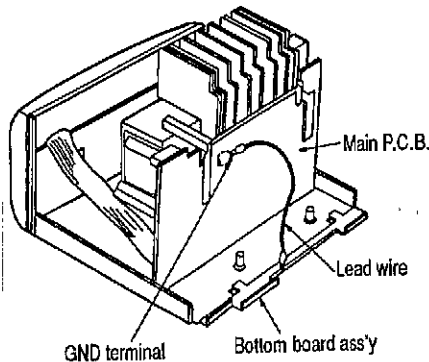
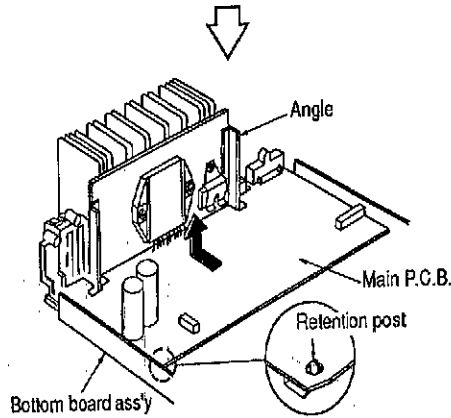
Ref. No. 1	Removal of the Cabinet	Ref. No. 2	Removal of the Front Panel Ass'y
Procedure 1	 <p>1. Remove 5 screws (1-5). 2. Remove the cabinet in the direction of arrow.</p>	 <p>1. Remove the 1 connector (CN501-1/2-3). 2. Remove the 2 screws (1, 2). 3. Remove the front panel ass'y in the direction of arrow.</p>	
Ref. No. 3	Removal of the Volume P.C.B.		
Procedure 1-2-3	 <p>1. Pull out the main volum knob. 2. Pull out the mic volume knob. 3. Remove the nut.</p>	 <p>4. Remove the 4 screws (1-4). 5. Remove the holder. 6. Release the 1 claw.</p>	
Ref. No. 4	Removal of the Mic Jack P.C.B. and Headphones Jack P.C.B.	Ref. No. 5	Removal of the Power Switch Button
Procedure 1-2-3-4	 <p>1. Remove the 4 screws (1-4). 2. Remove the holder. 3. Release the 1 claw.</p>	 <p>1. Remove the 1 screw (1).</p>	

SE-CH404

SE-CH404

SE-CH404

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<p>Ref. No. 10</p> <p>Removal of the Power Transformer</p>	<p>Ref. No. 11</p> <p>Removal of the Power Transformer P.C.B.</p>
<p>Procedure 1→10</p>  <p>1. Remove the 1 connector (CN703-1/2). 2. Remove the 4 screws (1-4).</p>	<p>Procedure 1→10→11</p>  <p>•Release the 2 claws and then remove the power transformer P.C.B. in the direction of arrow.</p>
<p>Ref. No. 12</p> <p>Removal of the Fan Ass'y</p>	<p>Ref. No. 13</p> <p>How to check the Main P.C.B.</p>
<p>Procedure 1→12</p> <p>※ For [GC], [GN] areas</p>  <p>1. Remove the 1 connector (JK351). 2. Remove the 3 screws (1-3).</p>	<p>Procedure 1→6→13</p> <p>•When checking the soldered surfaces of main P.C.B. and replacing the parts, do as show.</p>  <p>1. Remove the 7 screws (1-7).</p>
 <p>GND terminal Bottom board ass'y Lead wire Main P.C.B.</p>	 <p>Angle Main P.C.B. Retention post Bottom board ass'y</p>
<p>4. Connect the GND terminal to the bottom board ass'y by the lead wire.</p>	<p>2. Lift the main P.C.B. off the retention post on the bottom board ass'y. 3. Remove the main P.C.B. in the direction of arrow.</p>

Replacement of the Foot

1. Remove the 4 heat melted posts on the Bottom board ass'y with a pair of rippers or similar tool.
2. To replace the foot (RKA0011A-2) on the Bottom board ass'y melt the 4 posts with a soldering iron.

