



JVC SP-PW100 Powered Subwoofer Instruction Manual

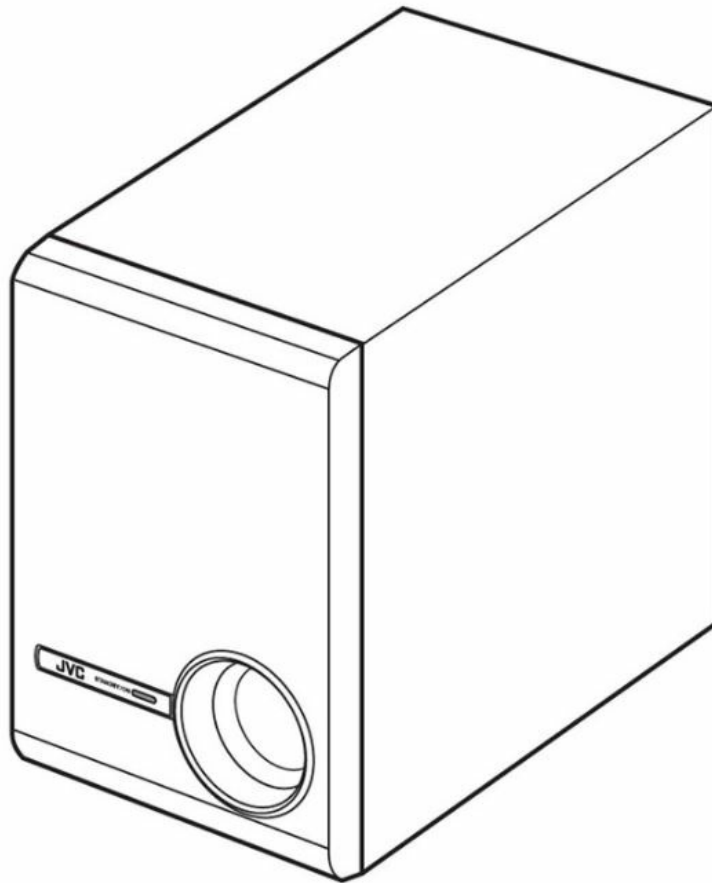
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JVC

JVC SP-PW100 Powered Subwoofer



Product Information

This product comes with a user manual that can be downloaded from www.UsersManualGuide.com. The manual provides instructions and information for various types of equipment such as mobile phones, photo cameras, motherboards, monitors, software, TV, DVD players, and other products. The manual includes user guides, owner's manuals, instruction manuals, operating manuals, user maintenance, brochures, user references, and PDF manuals.

Product Usage Instructions

1. Visit www.UsersManualGuide.com to download the user manual for your specific product.
2. Read the manual thoroughly to familiarize yourself with the product's features and functions.
3. Follow the instructions provided in the manual to set up and use the product.
4. If you encounter any issues or have questions about the product's usage, refer to the troubleshooting section in the manual or contact customer support for assistance.
5. Be sure to maintain and care for the product according to the instructions provided in the manual to ensure optimal performance and longevity.

For Customer Use:

Enter below the Model No. and Serial No. which are located on the rear, bottom or side of the cabinet. Retain this information for future reference.

- Model No.
- Serial No.

Warnings, Cautions and Others

CAUTION

To reduce the risk of electrical shocks, fire, etc.:

1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

Caution – POWER switch

This apparatus is provided with a POWER switch to be able to minimize power consumption for safe use. Therefore,

1. When doing initial setting, complete all the connections required, connect the mains plug into the wall outlet, and set the POWER switch to ON.
2. When not in use, set the POWER switch to OFF.
3. Disconnect the mains plug to shut the power off completely. The POWER switch in any position do not disconnect the mains line.

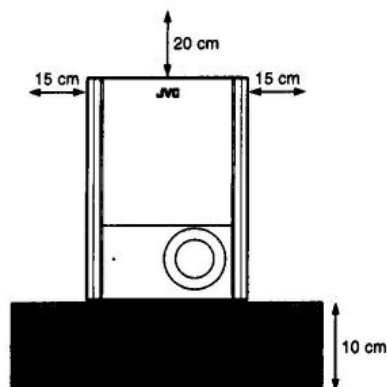
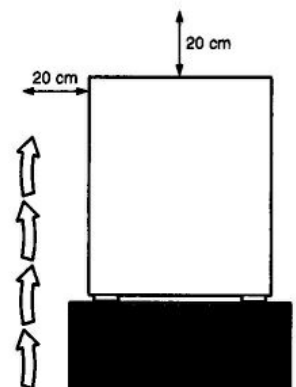
Caution: Proper Ventilation

To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:

1. Front: No obstructions and open spacing.
2. Sides/ Top/ Back: No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

Caution

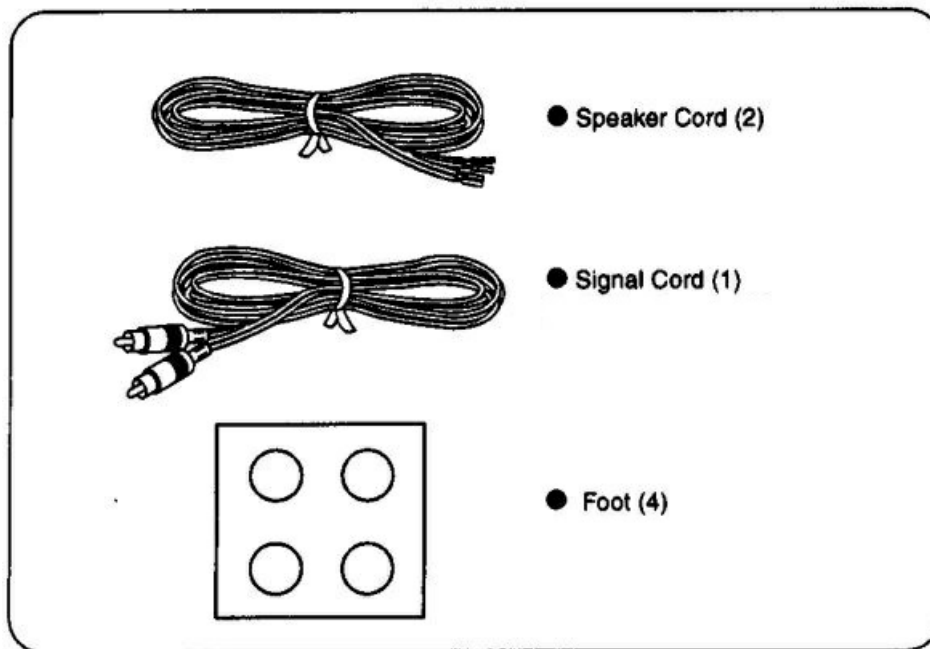
- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not use this apparatus in a bathroom or places with water. Also do not place any containers filled with water or liquids (such as cosmetics or medicines, flower vases, potted plants, cups, etc.) on top of this apparatus.

Front view**Side view**

Thank you for purchasing JVC speakers. Before you begin using them, please read the instructions carefully to be sure you get the best possible performance. If you have any questions, consult your JVC dealer.

Confirming Supplied Accessories

- Before use, check that you have received all of the following items, which are supplied with the unit



Precautions for Use

To maintain the look of the unit

Wipe with a dry, soft cloth if the cabinet or control panel should become dirty. If very dirty, apply a small amount of water or neutral detergent to the cloth and wipe clean. Then wipe with a dry cloth.

Good manners when listening to stereo

When you are listening to music on a stereo system, please listen at volume that will not disturb your neighbors. At night, in particular, even soft sounds spread easily to the surroundings. Please shown consideration and close windows, or listen using headphones, etc. in order to maintain a pleasant living environment. The symbol shown here is the Sound Etiquette symbol mark.



Improving the sound field

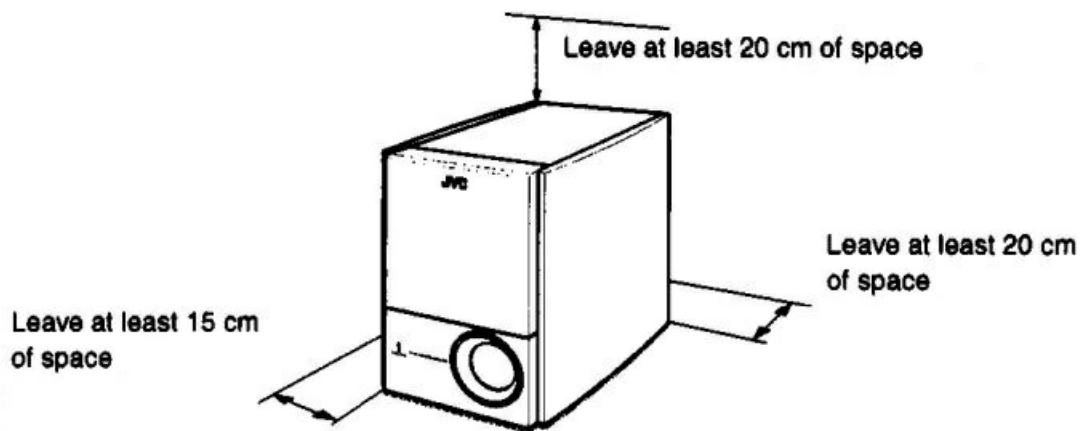
- If the speakers are facing a solid wall or glass door, etc., it is recommended to furnish the wall with materials that absorb sound, for example by hanging up heavy curtains, to prevent generation of reflections and standing waves.



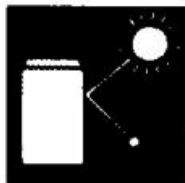
Precautions for Installation

Precautions for installation

- Leave much space in the front.
- Leave at least 15 cm of space on the sides.
- Leave at least 20 cm of space on top.
- Leave at least 20 cm of space in the rear.



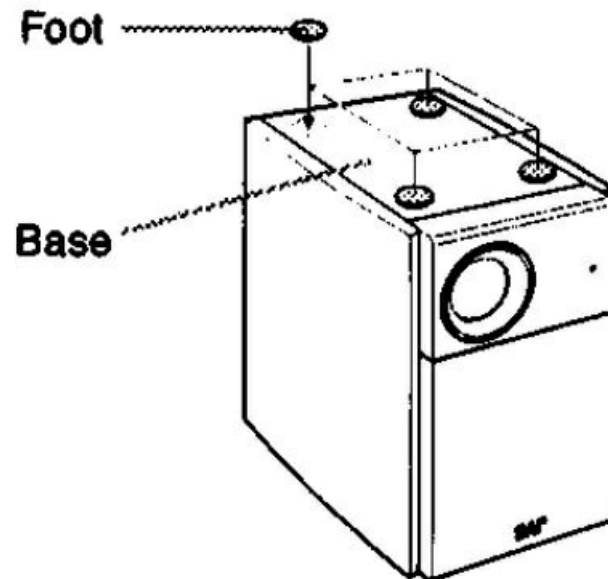
- To prevent deformation or discoloration of the cabinet, do not install the unit where it is exposed to direct sunlight or high humidity, and avoid installation near air conditioning outlets
- Speaker vibrations may cause howling. Place the unit as far away from the player as possible.
- Take the occurrence of earthquakes or other physical shocks into consideration when selecting the installation place, and secure the unit thoroughly.



This unit is magnetically shielded so as not to cause color distortions on color television sets. However, depending

on the installation method, color distortions may occur. Please pay attention to the following points when installing the unit.

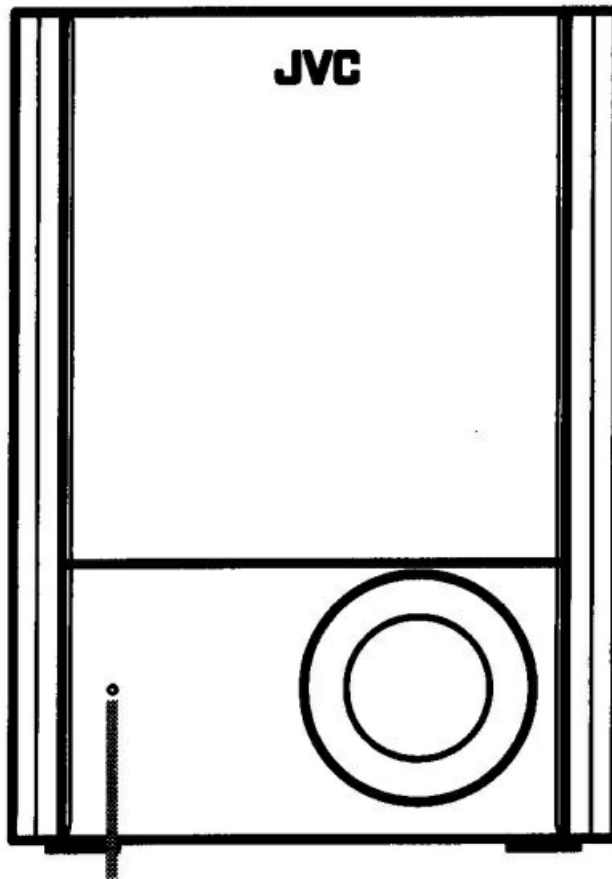
1. When placing these speakers near a TV set, turn off the TV's main power switch or unplug it before installing the speakers. Wait at least 30 minutes after the system is installed before turning on the TV's power.
2. If another speaker system has been set up near the TV set, that system may cause color unevenness in the TV's picture.
3. In spite of the shielded design of these speakers, some types of TV's may be affected by them. If this happens, move the speakers a short distance from the TV set.



Names of Parts and Functions

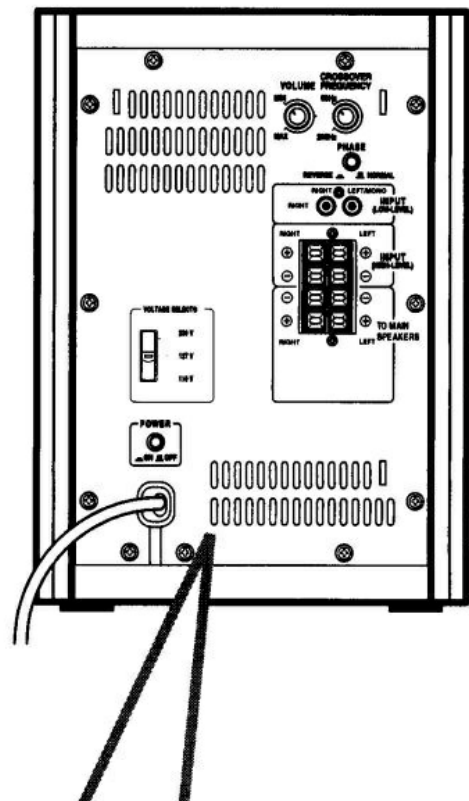
Front Panel

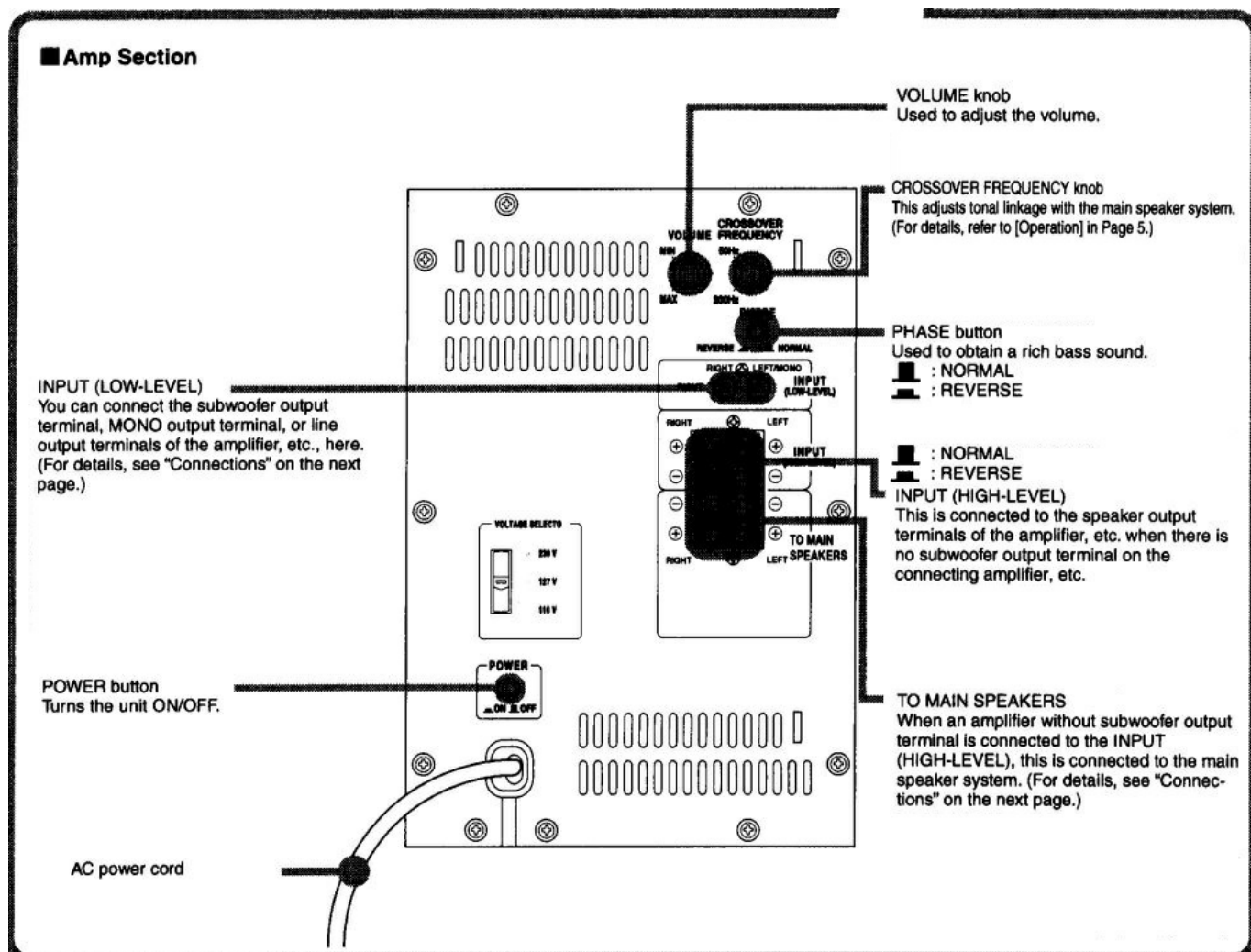
■ Front Panel



Rear Panel

■ Rear Panel



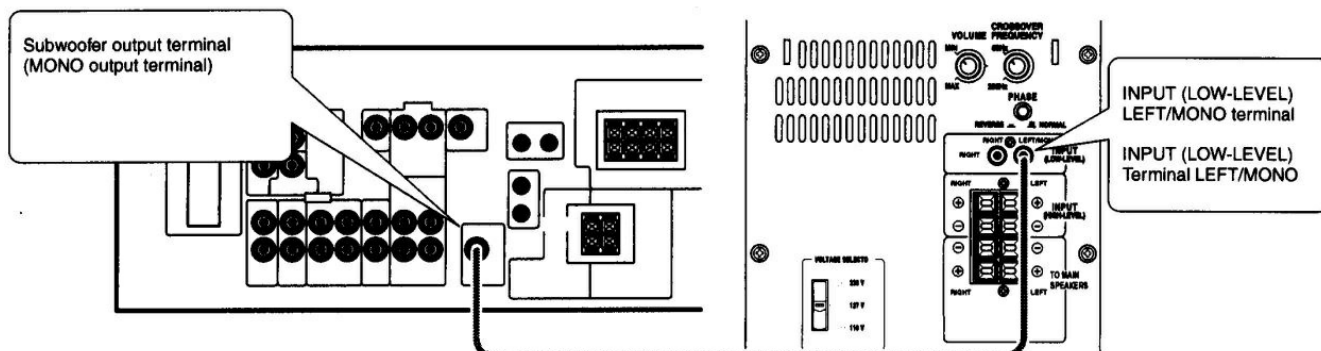


Connections

Make all the connections before plugging the AC power cord into an AC outlet.

CAUTION

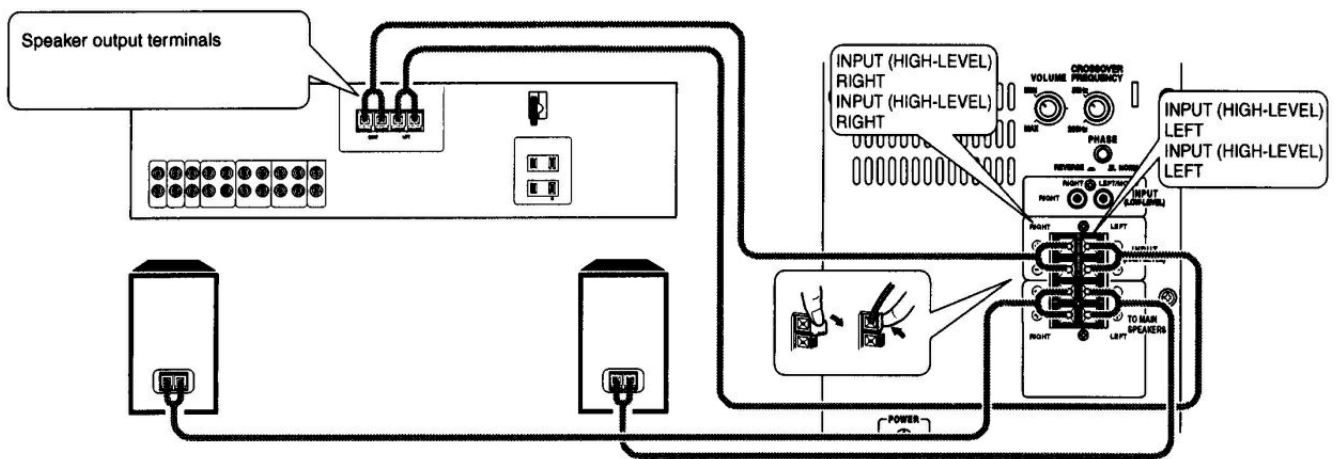
- Before connecting to an amplifier, be sure that the power is turned OFF on the amplifier side.
- INPUT (LOW-LEVEL) and INPUT (HIGH-LEVEL) on this unit cannot be used simultaneously. Doing so will increase noise and could result in damage.
- Do not connect INPUT (LOW-LEVEL) on this unit to the REC OUT terminals of an amplifier, etc.
- Connecting to an amplifier with subwoofer output terminal or an amplifier with MONO output terminal Connect to the LEFT/MONO terminal of INPUT (LOW-LEVEL).
- Use the supplied signal cord.



- Connecting to the speaker output terminals of an amplifier Connect the speaker cords in parallel to the speaker

output terminals on the amplifier. Be sure to confirm and match the RIGHT and LEFT speaker terminals with the + and – polarities when connecting.

- Use the supplied speaker cords for the connection.



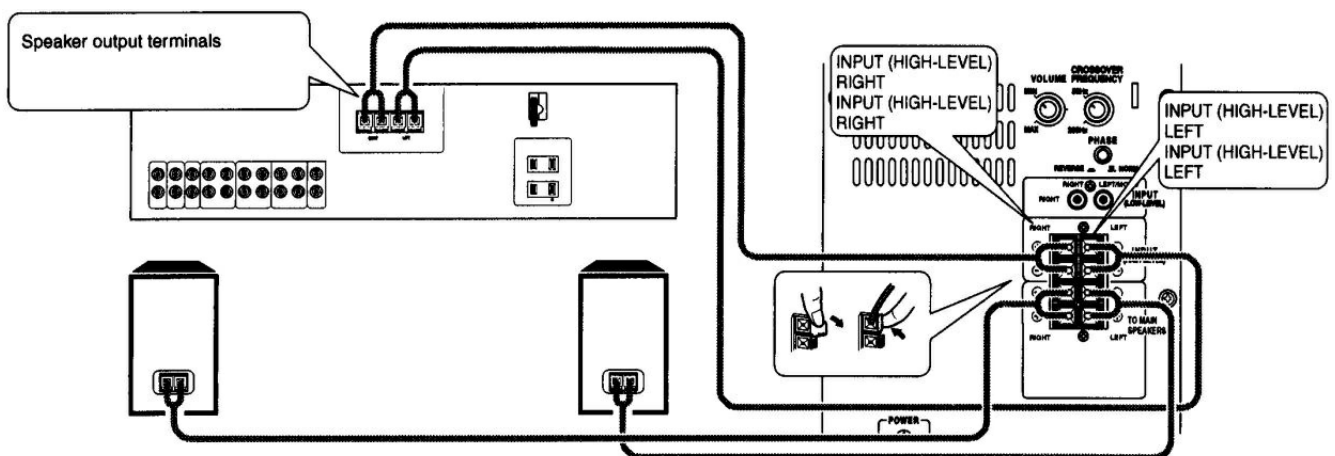
CAUTION

- PRECAUTIONS TO BE TAKEN BEFORE USING THE SPEAKER TERMINAL (TO MAIN SPEAKERS) OF THIS UNIT
- When you connect a speaker to the speaker terminal of this unit (TO MAIN SPEAKERS), be absolutely sure to connect the speaker that is within the Indicated range of speaker impedance of the amplifier to be connected to the (INPUT [HIGH- LEVEL]) terminal.
- If any speaker other than those within the Indicated range should be connected, the amplifier connected to the (INPUT [HIGH-LEVEL]) terminal can result in a malfunction.

Connections (Continued)

Make all the connections before plugging the AC power cord into an AC outlet.

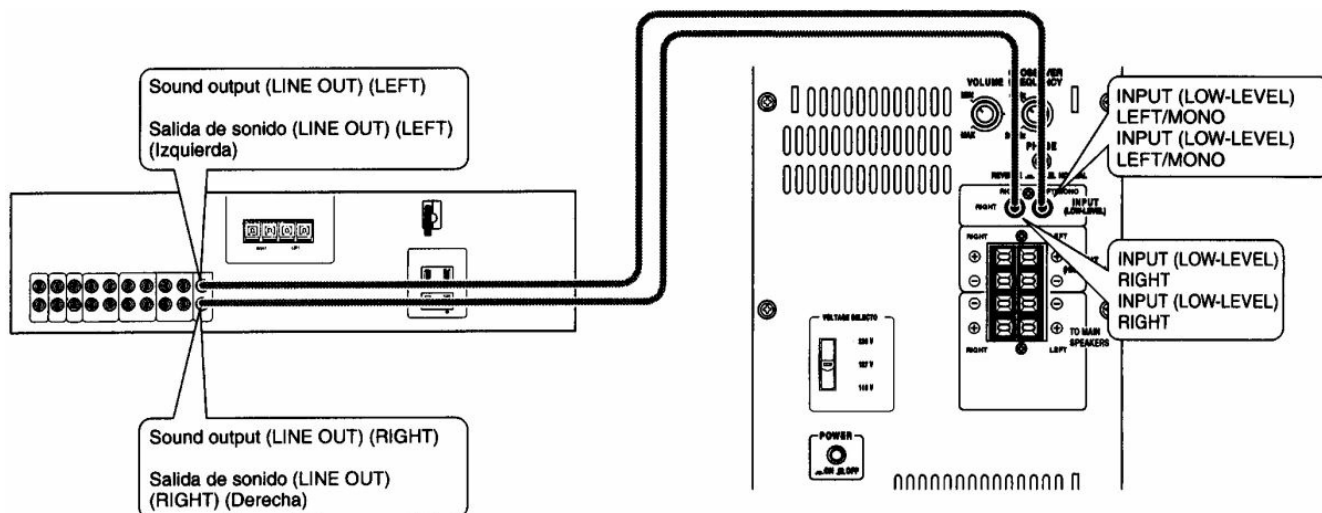
- Connecting to an amplifier with LINE OUT output terminals Connect to the RIGHT and LEFT/MONO terminals of INPUT (LOW-LEVEL). Be sure to connect the correct cord to the RIGHT and LEFT terminals, respectively. (The LEFT and RIGHT terminals are mixed inside the unit.)
- Use separately purchased connecting cords.



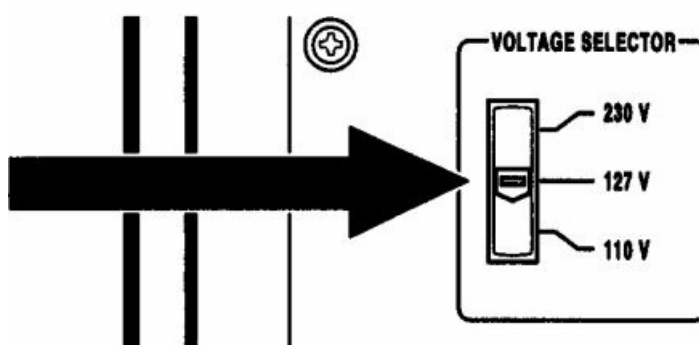
• Connecting to a preamplifier set

Connect to the RIGHT and LEFT/MONO terminals of INPUT (LOW- LEVEL). Be sure to connect the correct cord to the RIGHT and LEFT terminals, respectively.

- Use separately purchased connecting cords.



- Set the voltage selector switch to the correct voltage
- Be sure that the AC power cord is disconnected before setting the voltage selectors switch.



Operation

When all the connections to the amplifier, etc. are completed, plug the AC power cord into an AC outlet.

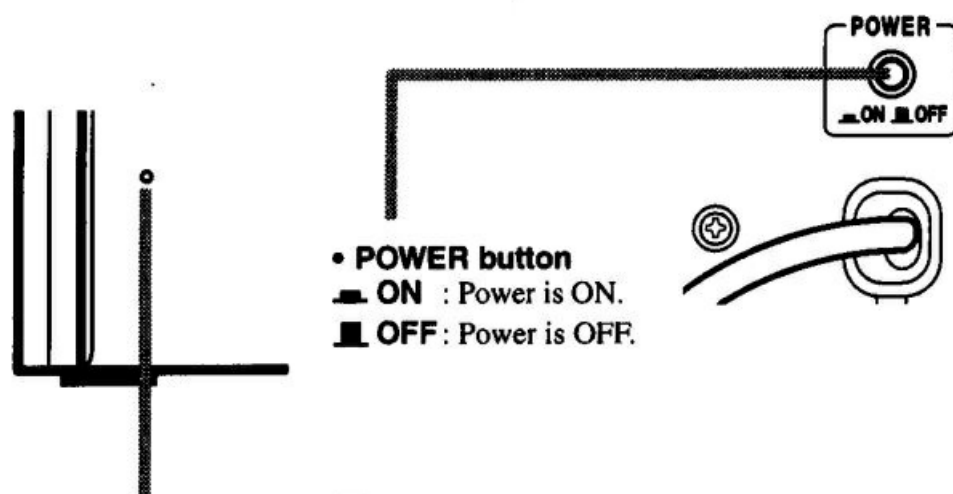
Connecting the AC power cord (after all connections have been made)

When connecting to the AC OUTLET on an amplifier, ensure that the AC OUTLET is capable of delivering a power that is larger than the power consumption (30 W) of this unit.




Turning the Power ON



● Front panel

● Rear panel



( 1 lamp (with auto power on/off function)

When the POWER button is pressed to ON, the  lamp lights up green. If about 4 to 8 minutes elapse with no signals, the mode switches to the standby mode, and the  lamp lights red. When audio signals are input, the mode automatically becomes the ON mode, and the  lamp lights green.

- **ON mode :**  lamp lights green.
- **Standby mode:**  lamp lights red.

CAUTION

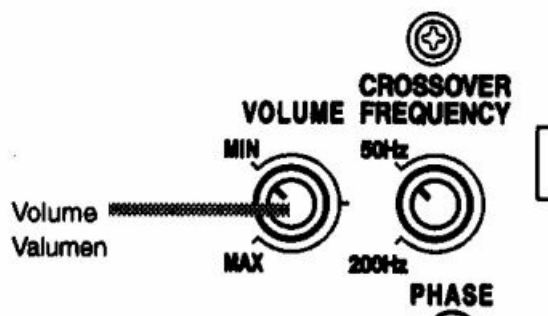
If the VOLUME knob on this unit is near MIN, the amplifier's sound volume is 0, or the sound signals from the amplifier are exceptionally low, the mode is not switched from the standby mode to the ON mode.

- To completely cut off the power to this unit, press the POWER button on the rear panel to the "OFF" position, and disconnect the power cord from the AC outlet.

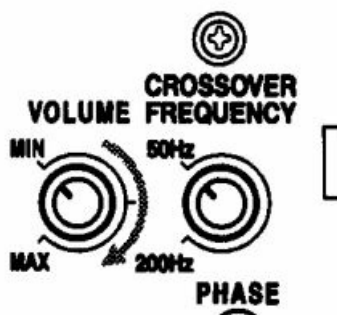
Adjusting the volume

Adjust the volume level of this unit to match those of the main speakers.

1. Turn the VOLUME knob on this unit to the "MIN" position .

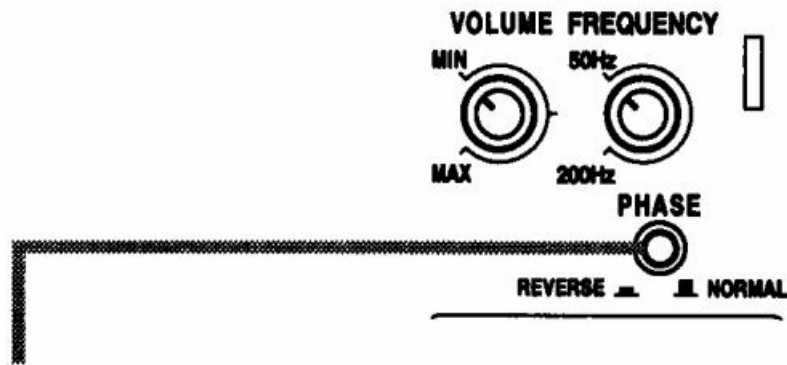


2. Adjust the volume of the amplifier to your normal listening level, and play a music source.
3. Turn the VOLUME knob on this unit to balance the volume with the main speakers.



PHASE button

Set this button to obtain a rich bass.



NORMAL

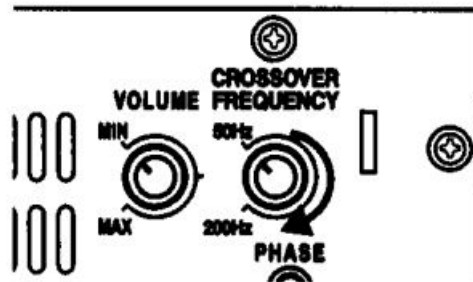
(Normally used in this position.)

REVERSE

(Use in this position when the bass sound is otherwise insufficient.)

CROSSOVER FREQUENCY knob

Use this knob to adjust the relationship of sound between this unit and main speakers. Set the frequency high if the main speakers are small and they lack low (less than 200 Hz) frequencies.



Troubleshooting

Symptom	Possible Cause	Action
Power does not come on.	Is the AC power cord disconnected from the AC outlet?	Plug the AC power cord firmly into the AC outlet.
No sound is heard.	Is the VOLUME knob turned to the "MIN" position? Connections are incorrect, or loose?	Turn the VOLUME knob to a suitable volume is found. Check the connections and make necessary corrections. (See pages 3-4.)
Howling is generated.	Was installation performed correctly? Is the volume too loud?	Check the installation. (See page 1.) Turn the VOLUME knob in the direction of "MIN" until howling is no longer generated.

Specifications

- **Type** : Powered subwoofer Bass-reflex type, (magnetically shielded type)
- **Speaker unit** : 16.0 cm (6 – 5/16 in.) cone x 1
- **Frequency range** : 25 Hz ~ 200 Hz
- **Input impedance**: 50 kg (LOW-LEVEL) 1 kQ (HIGH-LEVEL)
- **Input terminals**: INPUT (LOW-LEVEL) INPUT (HIGH-LEVEL)
- **Power requirements**: 110/127/230 V2, 50 Hz/60 Hz
- **Output power of built-in amp** : 60 W (30 Hz, 4 2, 10 % THD)
- **Power consumption**: 30 W
- **Power consumption in standby mode**: 5.6 W
- **Dimensions**: 226 mm (width) x 315 mm (height) x 376 mm (depth)
- **Mass**: 9.9 kg (21.8 lbs)
- **Accessories**: Speaker cord (2) Signal cord (1) Foot (4)


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References

-  [User Manual, users guide, operation instruction](#)
-  [User Manual, users guide, operation instruction](#)