

Thank you for selecting a YAMAHA speaker system.

PRECAUTIONS

Read these precautions carefully before using your speakers.

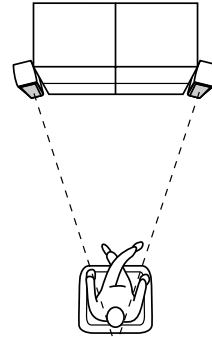
- To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
- Install the speakers in a cool, dry, clean place - away from windows, heat sources, sources of excessive vibration, dust, moisture and cold. Avoid sources of humming (transformers, motors). To prevent fire or electrical shock, do not expose the speakers to rain or water.
- To prevent the enclosure from warping or discoloring, do not place the speakers where they will be exposed to direct sunlight or excessive humidity.
- Do not place the following objects on the speakers: Glass, china, etc.
 If glass etc. falls by vibrations and breaks, it may cause bodily injury.
 A burning candle etc.
 If the candle falls by vibrations, it may cause fire and bodily injury.
 A vessel with water in it
 If the vessel falls by vibrations and water spills, it may cause damage to the speakers, and/or you may get an electric shock.
- Do not place the speakers where foreign objects such as water drips might fall. It might cause a fire, damage to the speakers, and/or bodily injury.
- Do not place the speakers where they are liable to be knocked over or struck by falling objects. Stable placement will also ensure better sound performance.
- Placing the speakers on the same shelf or rack as the turntable can result in feedback.
- Any time you note distortion, reduce the volume control on your amplifier to a lower setting. Never allow your amplifier to be driven into "clipping". Otherwise the speakers may be damaged.
- When using an amplifier with a rated output power higher than the nominal input power of the speakers, care should be taken never to exceed the speakers' maximum input.
- Do not attempt to clean the speakers with chemical solvents as this might damage the finish. Use a clean, dry cloth.
- Do not attempt to modify or fix the speakers. Contact qualified YAMAHA service personnel when any service is needed. The cabinet should never be opened for any reasons.
- **Secure placement or installation is the owner's responsibility. YAMAHA shall not be liable for any accident caused by improper placement or installation of speakers.**

PLACING THE SPEAKERS

Place the speakers on a sturdy, vibration-free surface, on a well-built stand.

■ Using as 2ch stereo speakers

Better stereo images will be obtained when the speakers are slightly angled in towards the listeners.

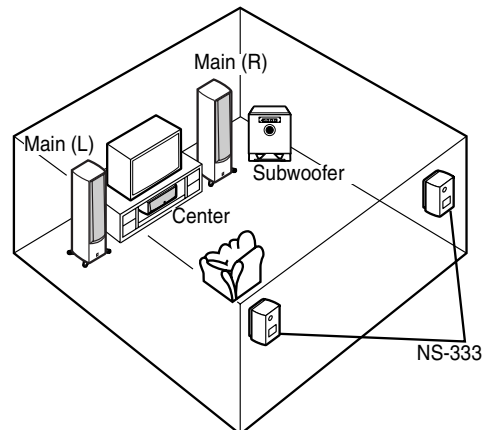


■ Using as main speakers in a multi channel system

Position the speakers on both sides of the TV. The positioning of speakers is important, because it controls the whole sound quality of a multi channel system. Set up the speakers on the basis of your listening position by following the owner's manual supplied with your amplifier.

■ Using as front or rear effect speakers

Mount the speakers on a wall or place the speakers on a shelf. Determine the best position by following the owner's manual supplied with your amplifier.



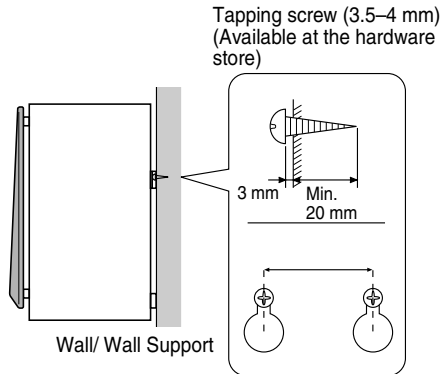
Note

This speaker features a magnetically shielded design, but there is still a chance that placing it too close to a TV set might impair picture color. Should this happen, move the speaker away from the TV set.

■ To mount the speaker on a wall by using the attached mounting bracket

Fasten screws into a firm wall or wall support as shown in the figure, and hang the holes of the mounting bracket on the protruding screws.

- * Make sure that the screws are securely caught by the narrow parts of the holes.

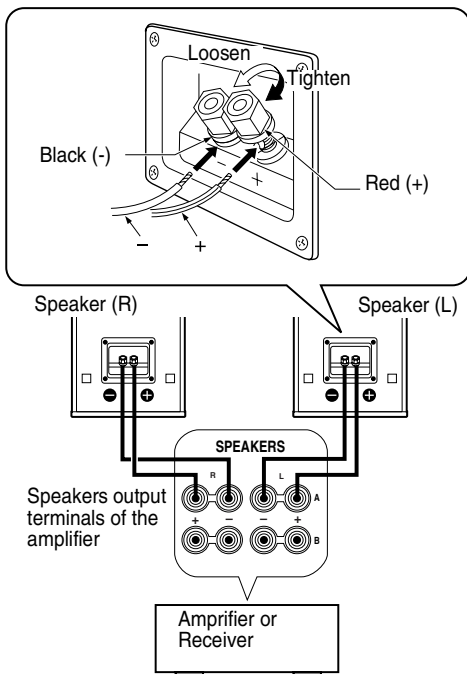


WARNING

- This speaker weighs 5.0 kg (11 lbs.). Do not mount it on thin plywood or a wall with soft surface material. If mounted, the screws may come out of the flimsy surface and the speaker may fall. This damages the speaker or causes personal injury.
- Do not install the speaker to a wall with nails, adhesives, or any other unstable hardware. Long-term use and vibrations may cause it to fall.
- To avoid accidents resulting from tripping over loose speaker cable, fix it to the wall.

CONNECTIONS TO YOUR AMPLIFIER

Before making connections, make sure that the amplifier is switched off.



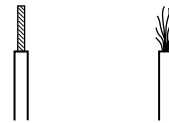
Connections

- Connect the screw-type input terminals at the rear of the speaker to the speaker output terminals of the amplifier (or receiver) with the speaker cable.
- Connect the (+) terminals on the amplifier (or receiver) and the speaker using one side of the cable. Connect the (-) terminals on both components using the other side of the cable.
- Connect the speaker to the center terminals of the amplifier (or receiver) making sure not to reverse the polarity (+, -). If the speaker is connected with reversed polarity, the sound will be unnatural and lack bass.

■ How to Connect:

- ① Remove the insulation coating at the extremity of each speaker cable by twisting the coating off.

Good No Good

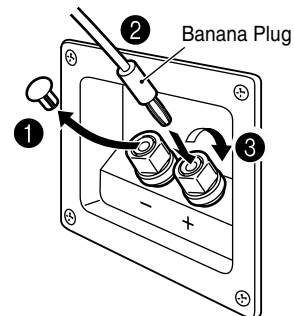


- ② Loosen the terminal knob.
- ③ Insert the bare wire.
- ④ Tighten the knob and secure the cable. Test the firmness of the connection by pulling lightly on the cable at the terminal.

Note

Do not let the bare speaker wires touch each other as this could damage the speaker or the amplifier, or both of them.

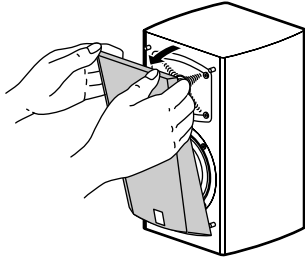
[Using a Banana Plug]



- ① Remove the cover by pulling it toward you.
- ② Tighten the terminal knob.
- ③ Simply insert the banana plug into the terminal.

REMOVING THE FRONT COVER

The front cover is fastened to the enclosure at four points and can be removed if desired. To remove the cover, hold on to both sides and slowly pull straight away from the speaker. To reattach, line up the four pegs on the inside surface of the cover with the four corresponding holes on the speaker and push gently.



Note

When the cover is removed, take care not to touch the speaker units with your hands or to exert excessive force with tools.

SPECIFICATIONS

Type	2-way acoustic suspension speaker system magnetic shielding type
Driver	13 cm (5") cone woofer 2.5 cm (1") balanced dome tweeter
Frequency response	65 Hz – 35 kHz
Nominal impedance	6 ohms
Nominal input power	60 W
Maximum input power	150 W
Sensitivity	87 dB/2.83 V/m
Crossover frequency	3 kHz
Dimensions (W x H x D) ...	200 mm x 320 mm x 213 mm (7.9" x 12.6" x 8.4")
Weight	5 kg (11 lbs)

- Specifications subject to change without notice due to product improvements.
- Care should be taken not to exceed the input power values noted above.