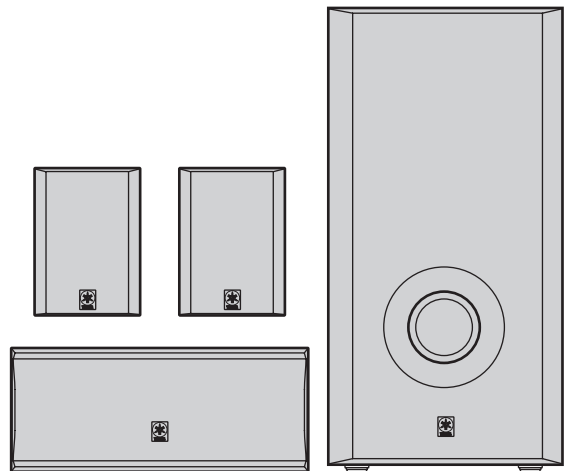




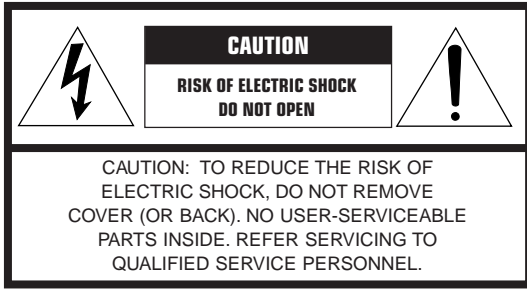
NX-SW10

*Subwoofer/Center Speaker/Rear Speakers
Caisson de grave/Enceinte centrale/
Enceintes arriere*

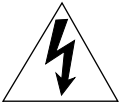


OWNER'S MANUAL
MODE D'EMPLOI
MANUAL DE INSTRUCCIONES

IMPORTANT SAFETY INSTRUCTIONS



- Explanation of Graphical Symbols




The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

FCC INFORMATION (for US customers only)

1. **IMPORTANT NOTICE : DO NOT MODIFY THIS UNIT!**
This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.
2. **IMPORTANT :** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product **MUST** be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.
3. **NOTE :** This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices.

This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices.

Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Electronics Corp., U.S.A. 6660 Orangethorpe Ave, Buena Park, CA 90620.

The above statements apply **ONLY** to those products distributed by Yamaha Corporation of America or its subsidiaries.

We Want You Listening For A Lifetime

YAMAHA and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion – and, most importantly, without affecting your sensitive hearing.

Since hearing damage from loud sounds is often undetectable until it is too late, YAMAHA and the Electronic Industries Association's Consumer Electronics Group recommend you to avoid prolonged exposure from excessive volume levels.



IMPORTANT

Please record the serial number of this unit in the space below.

MODEL:

Serial No.:

The serial number is located on the rear of the unit. Retain this Owner's Manual in a safe place for future reference.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

CAUTION: READ THIS BEFORE OPERATING YOUR UNIT.

- 1 To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
 - 2 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.
 - 3 To prevent the enclosure from warping or discoloring, do not place the speakers where they will be exposed to direct sunlight or excessive humidity.
 - 4 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.
 - 5 Avoid installing the speakers in a place where foreign objects and liquid might fall. It might cause a fire, damage to the speakers and/or personal injury. Do not place the following objects on the speakers:
 - Other components, as they may cause damage and/or discoloration on the surface of the speakers.
 - Burning objects (i.e., candles), as they may cause fire, damage to the speakers and/or personal injury.
 - Containers with liquid in them, as they may cause an electrical shock to the user and/or damage to the speakers.
 - 6 Placing the speakers on the same shelf or rack as the turntable can result in feedback.
 - 7 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.
 - 8 As these speakers contain strong magnets (though all of them are magnetically shielded types), avoid placing watches, magnetic tapes, etc. near them. Also, placing the speakers near a TV set may impair picture color. If this happens, move the speakers away from the TV set.
 - 9 Do not attempt to clean the speakers with chemical solvents as this might damage the finish. Use a clean, dry cloth.
 - 10 Be sure to read the “TROUBLESHOOTING” section regarding common operating errors before concluding that the unit is faulty.
 - 11 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.
- **For SW-VS10**
- 12 Never open the cabinet. If something drops into the set, contact your dealer.
 - 13 Do not use force on switches, controls or connection wires. When moving the unit, first disconnect the power plug and the wires connected to other equipments. Never pull the wires themselves.
- 14 When not planning to use this unit for a long period (i.e., vacation, etc.), disconnect the AC power plug from the wall outlet.
 - 15 To prevent lightning damage, disconnect the AC power plug when there is an electric storm.
 - 16 Since this unit has a built-in power amplifier, heat will radiate from the rear panel. Place the unit apart from the walls, allowing enough space above, behind and on the both sides of the unit to prevent fire or damage. Furthermore, do not position with the rear panel facing down on the floor or other surfaces. Be sure to allow a space of at least 10 cm above, behind and on both sides of the unit.
 - 17 Super-bass frequencies reproduced by this unit may cause a turntable to generate a howling sound. In such a case, move this unit away from the turntable.
 - 18 If you hear distorted noise (i.e., unnatural, intermittent “rapping” or “hammering” sounds) coming from this unit, reduce the volume level. Extremely loud playing of a movie soundtrack’s low frequency, bass-heavy sounds or similarly loud popular music passages can damage this speaker system.

FOR CANADIAN CUSTOMERS

To prevent electric shock, match wide blade of plug to wide slot and fully insert.

This Class B digital apparatus complies with Canadian ICES-003.

■ For U.K. customers

If the socket outlets in the home are not suitable for the plug supplied with this appliance, it should be cut off and an appropriate 3 pin plug fitted. For details, refer to the instructions described below.

Note

The plug severed from the mains lead must be destroyed, as a plug with bared flexible cord is hazardous if engaged in a live socket outlet.

■ SPECIAL INSTRUCTIONS FOR U.K. MODEL

IMPORTANT:

THE WIRES IN MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:

Blue: NEUTRAL

Brown: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED. Making sure that neither core is connected to the earth terminal of the three pin plug.

FEATURES

● Home Theater Sound

Connecting this system to the VS-10 (sold separately) allows you to enjoy the power of low bass sounds plus surround effects.

● Centralized Control with the VS-10 (sold separately)

The VS-10 is used to do things such as adjust the subwoofer level and adjust the speaker level using test tones. Refer to the VS-10 (sold separately) owner's manual.

● Advanced YST

This subwoofer incorporates advanced YAMAHA Active Servo Technology to achieve superior bass reproduction.

CONTENTS

| | |
|---|----|
| FEATURES | 1 |
| SPEAKER PLACEMENT | 2 |
| CONNECTIONS | 3 |
| INSTALLATION OF THE CENTER SPEAKER | 6 |
| INSTALLATION OF THE REAR SPEAKERS | 7 |
| TROUBLESHOOTING | 9 |
| SPECIFICATIONS | 10 |

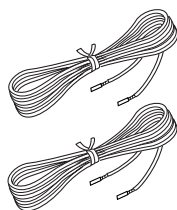
 indicates a tip for your operation.

Checking the Package Contents

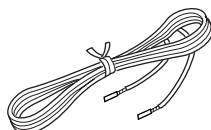
Check that the following accessories are included in the package.

Speaker cords

(Used for the rear speakers: 15 m x 2)



(Used for the center speaker: 4 m x 1)



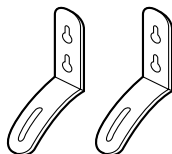
System connector cable

(3 m x 1)

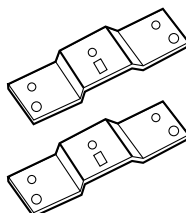


Speaker mounting brackets

Type A brackets (x 2)
(wall brackets)



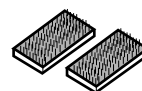
Type B brackets (x 2)



Screws (x 2)



Velcro strips (x 2)



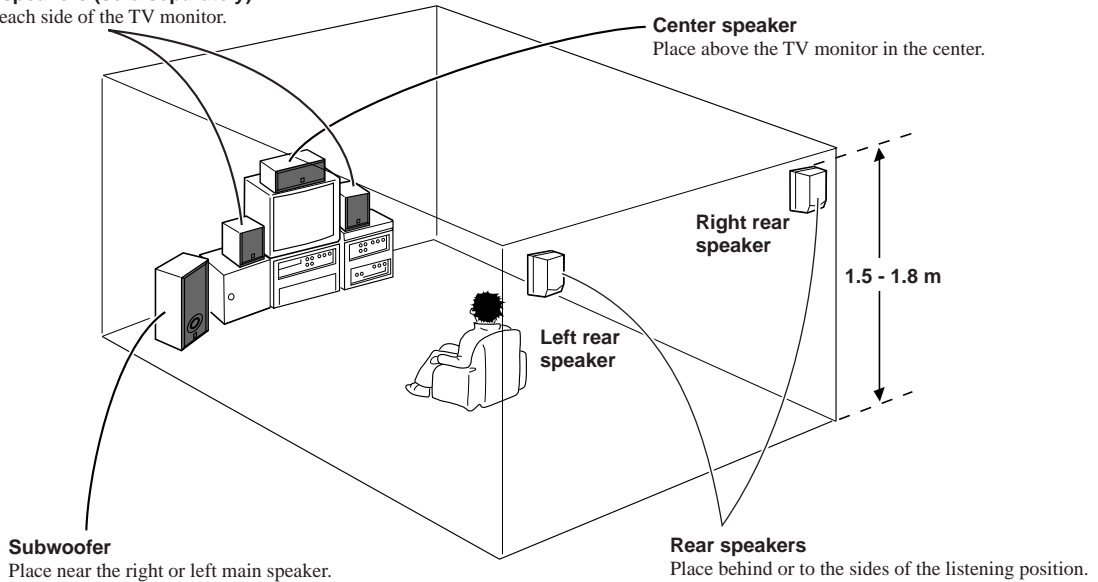
Wing nuts (x 2)



SPEAKER PLACEMENT

Main speakers (sold separately)

Place each side of the TV monitor.



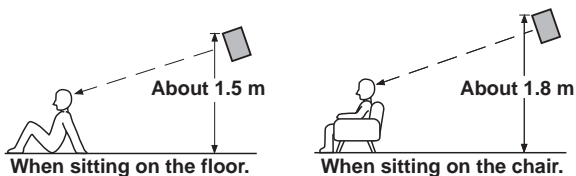
■ Subwoofer (SW-VS10)

Place the subwoofer at the outside of the either right or left main speaker and turn it slightly toward the center of the room to reduce the wall reflections. Try altering the position of the subwoofer versus the listening position as the relative position will affect the way the bass sounds.

■ Rear speakers (NX-VS10E)

Depending on room conditions, it is possible to place YAMAHA rear speakers NX-VS10E on shelves or hang them on the wall. For the installation of the rear speakers, refer to page 7.

Speakers should be placed about 1.5 m above the floor when you sit on the floor, or about 1.8 m above the floor when you sit on the chair.



■ Center speaker (NX-VS10C)

Place the center speaker on top of the television and align the front surface of the speaker with the front surface of the television monitor. For the installation of the center speakers, refer to page 6.

If the speaker cannot be placed on top of the television, place it on a rack beneath the television as close to the television monitor as possible.

■ YAMAHA main speakers NX-VS10M (sold separately)

Place the main speakers an equal distance from each side of the TV monitor.

Placing the main speakers at almost the same height as your listening position is more effective.

CAUTION

Although this center speaker is magnetically shielded, this may still affect the color on the television monitor when using the speaker near the television. Adjust the relative positions of the speaker and the television if this happen. Perform the following steps if you are using a magnetically shielded television.

- 1 Turn off the television.
- 2 Wait awhile and turn the television back on.

CONNECTIONS

CAUTION

Always be sure to turn off the power of any component to be connected when making connections.

To ensure proper connections

- Be sure all connections are made correctly, that is to say L (left) to L, R (right) to R, “+” to “+” and “-” to “-”. Some components require different connection methods and have different terminal names. Refer to the instructions for each component to be connected to this unit.

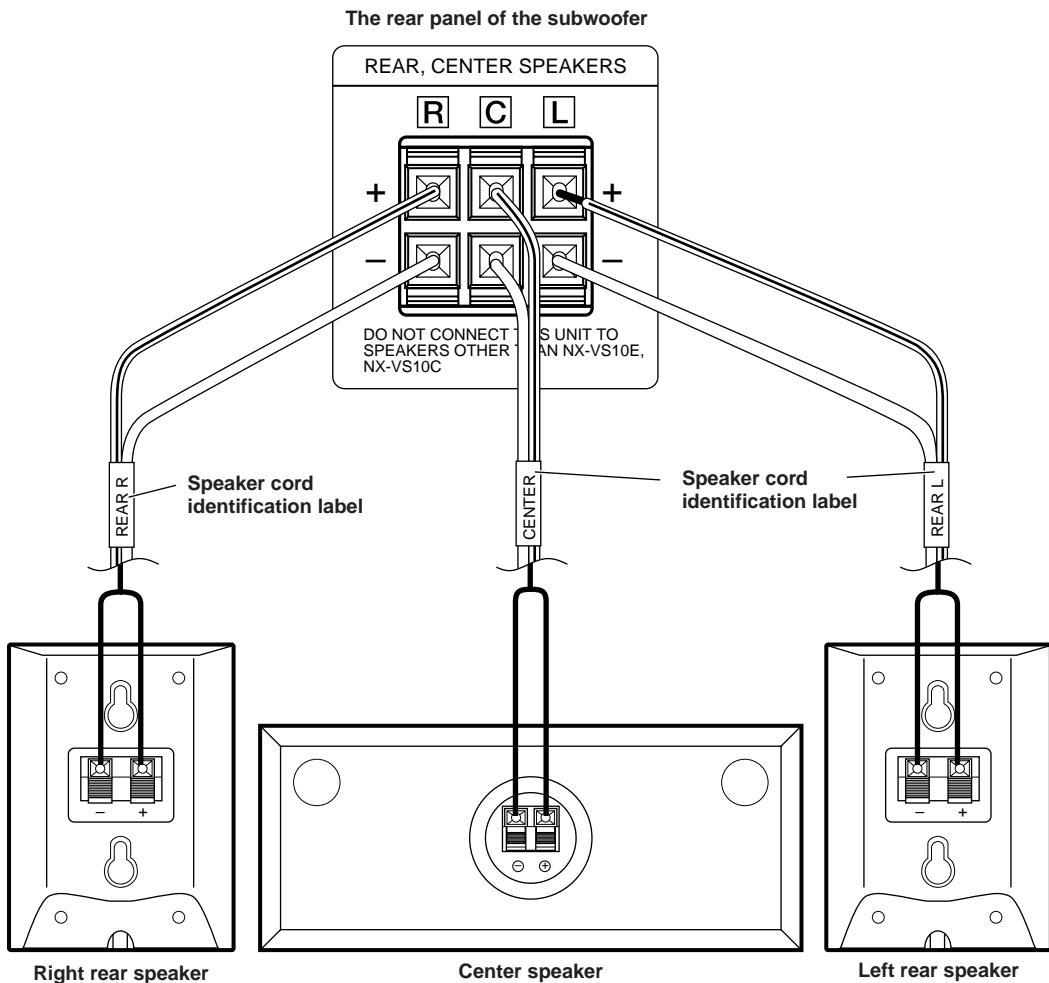
Connecting the Center Speaker and the Rear Speakers to the Subwoofer

Note

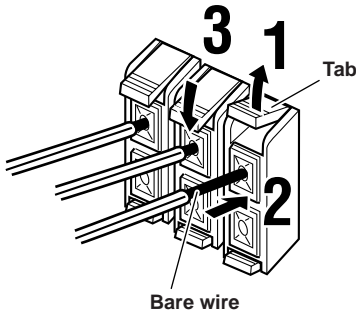
- Do not connect any speakers to the speaker terminals on the subwoofer except for the supplied center speaker (NX-VS10C) and rear speakers (NX-VS10E). Damage may result if a different speaker is connected.



Remove the plastic insulation from the ends of the speaker cords and twist the bare wires. (The bare wire will stay neat if you twist while removing the plastic insulation.)



■ Connecting the speaker cords to the speaker terminals on the subwoofer



1 Open the tab for the + terminal (red) or the – terminal (black).

2 Insert the bare wire of the speaker cord into the hole.

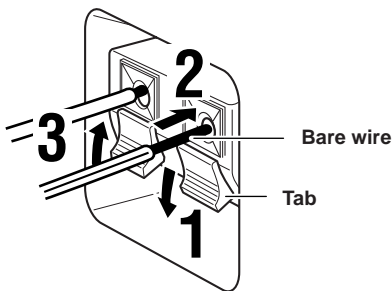
3 Return the tab until it clicks.

- Connect the line-in cord to the + terminal (red), and the other cord to the – terminal (black).
- Once connected, pull gently on the speaker cords to check that they are connected securely.

CAUTIONS

- Do not let the bare speaker wire touch each other and do not let them touch any metal part of the speakers. This could damage the speakers.
- Do not mistakenly connect positive (+) to negative(–) or vice versa when connecting speaker cords.
- Insert the speaker cords securely so that positive (+) and negative (–) do not short. The speaker may not output any sound or may output noise, causing damage to the speakers, if speaker cords are not inserted securely.
- Only insert the bare wire portion of the speaker cords into the holes. Sound will not be output if you insert as far as the plastic insulation part of the cord.
- Secure the speaker cords so that they will not catch on hands or feet.

■ Connecting the speaker cords to the speaker terminals on the center speaker and the rear speakers



1 Hold down the tab.

2 Insert the bare wire of the speaker cord into the hole.

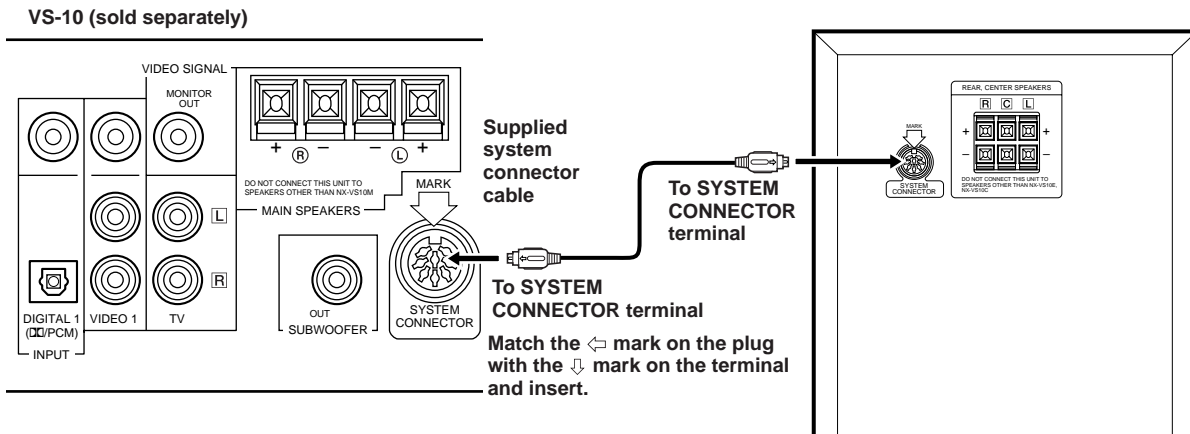
3 Release the tab. (The tab will return to its original position when you release your finger.)

- Connect the line-in cord to the + terminals (red) on the right, and the other cord to the – terminals (black) on the left.
- Once connected, pull gently on the speaker cords to check that they are connected securely.

Connecting the Subwoofer to the VS-10

Connect the SYSTEM CONNECTOR terminal on the VS-10 (sold separately) to the SYSTEM CONNECTOR terminal on the subwoofer using the system connector cable.

Match the ↔ mark on the plugs with those on the terminals and insert the plugs.



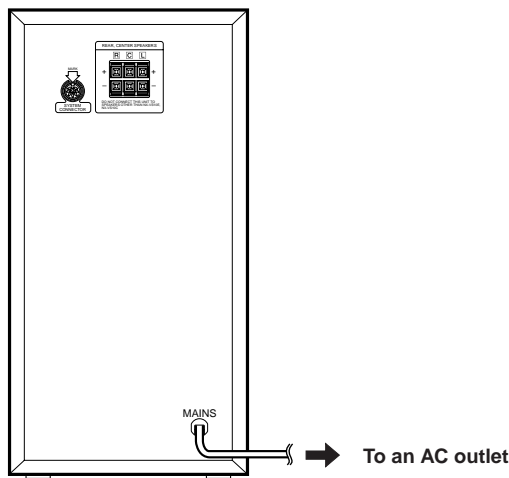
Notes

- Do not scratch, forcibly bend, or pull the system connector cable as this may damage the cable, causing loss of audio output, and possibly result in fire or electric shock. Take particular care that the cable is not squashed by a rack or caster.
- When you disconnect the plug of the AC power supply cord of the subwoofer, turn off the power of the VS-10 beforehand.
- When you use only the VS-10 (sold separately) without using this system, disconnect the plug of the AC power supply cord of the subwoofer and the system connector cable beforehand.



- When the power of the VS-10 is turned off, that of the subwoofer is also turned off accordingly.

Connecting the AC Power Supply Cord



Once all connections have been made, check them one more time. Finally, insert the plug of the AC power supply cord of the subwoofer into an AC outlet.

INSTALLATION OF THE CENTER SPEAKER

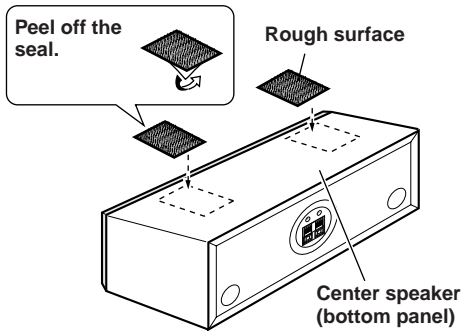
To prevent the center speaker from falling, secure it with the supplied velcro strips when placing it on a television or other device.

Using the Velcro Strips

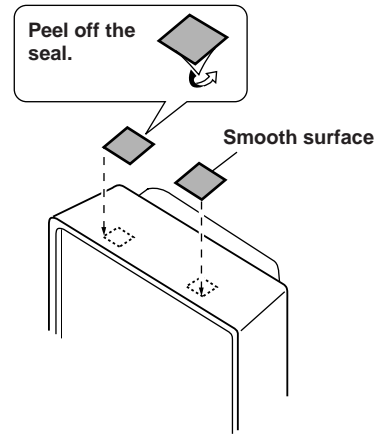
Precautions before installation

- Do not touch the adhesive surface after peeling off the strip as this will weaken its adhesive strength.
- Thoroughly wipe clean the surface where the velcro strip is to be applied. Note that adhesive strength is weakened if the surface is dusty, oily or wet and that this may cause the center speaker to drop.

- 1** Peel off the seal of the velcro strip with the rough surface and apply to the appropriate positions as shown in the illustration below.

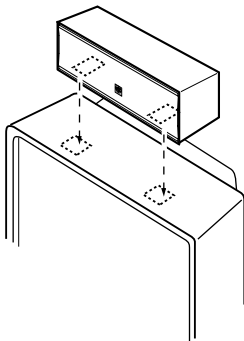


- 3** Peel off the seal of the velcro strip with the smooth surface and apply to the positions determined in step 2.

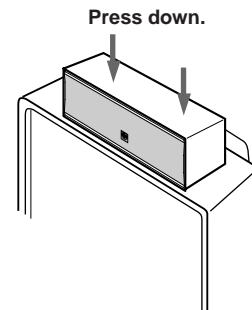


- 2** Place the center speaker where it is to be installed (ex. on top of the television) to determine where to apply the velcro strip with the smooth surface.

Determine the velcro strips position on the television so that the velcro strips should be matched with those of the center speaker.



- 4** Align both the velcro strips on both sides and firmly press downward on the top of the center speaker.



Note

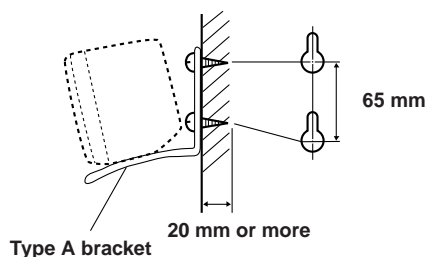
- Once the center speaker is secured in this way, the paint on the television surface used for installation may peel off when velcro strip is removed later. Be sure to apply velcro strip after carefully checking the surface to be used for installation.

INSTALLATION OF THE REAR SPEAKERS

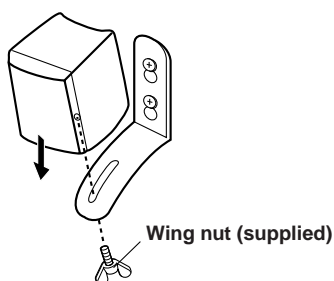
Use the supplied type A wall brackets when hanging the rear speakers on a wall.

- 1 Attach two commercially available wood screws (diameter about 4 mm) in the location on the wall where the rear speaker is to be hung, and then mount the type A bracket on the wood screws.**

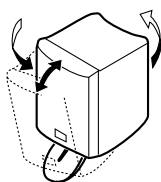
Check that the wood screws are secure inside the narrow portion of the holes in the bracket.



- 2 Attach the speaker to the bracket using the supplied wing nut.**



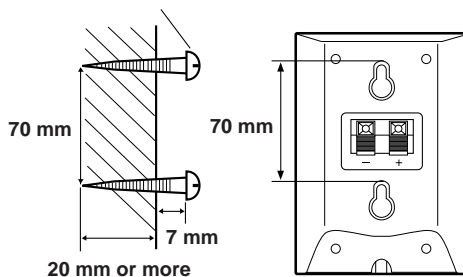
- 3 Adjust the angle of the speaker and then tighten the wing nut.**



■ Mounting speakers directly on the wall

It is possible to hang the speakers directly on the wall without using the type A brackets by attaching two wood screws on the wall and then using the holes on the rear panel of the speakers for direct attachment.

Wood screws having a diameter of about 4 to 5 mm (commercially available)



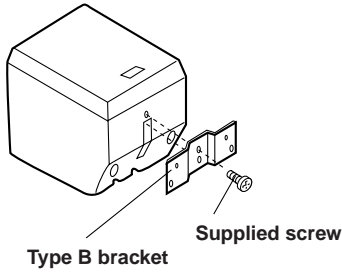
Note

- After mounting, check that the speakers are attached securely.

Using Commercially Available Speaker Brackets (distance between screw holes: 60 mm)

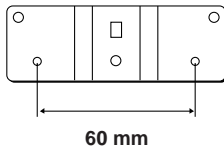
1 Attach the type B bracket to the bottom of the speakers using the supplied screws.

Align so that the protrusion on the bracket goes into the groove on the bottom of the speaker.



2 Mount the speaker on the speaker stand using the bracket holes (spaced at 60 mm).

Be sure to prepare the small screws (diameter: 4 mm, length: 8 mm), spring washers and washers.



CAUTIONS

Be sure to read these important precautions.

- Each speaker weighs approximately 0.7 kg. Select a firm wall or pillar to attach screws to. Do not attach screws to material such as mortar or veneer as screws may come loose easily, causing the speaker to fall.
- Do not mount speakers using nails or tape as vibrations during operation may cause nails to come loose or tape to peel off, causing the speaker to fall.
- Take care that the speaker cord is not pinched between the speaker and the bracket. Be sure that the speaker cord passes through the groove on the rear panel of the speaker.
- Secure the speaker cords so that they will not catch on hands or feet, causing speakers to drop.
- Be absolutely sure to check for safety after speakers are mounted. YAMAHA bears no responsibility for damage caused due to improper installation or installation in an improper location.

TROUBLESHOOTING

Be sure to investigate thoroughly before requesting repairs or after service. If it cannot be corrected, or if the problem is not listed in the SYMPTOM column, disconnect the power cord and contact your authorized YAMAHA dealer or service center.

Notes

- Sometimes the system may cease to recognize operations due to a mistaken operation or as a result of strong external noise (such as irregular voltage due to shock of impact, excessive static electricity, or lightning strike). If this happens, first disconnect the power cord, wait about 30 seconds, re-connect the power cord, and try the desired operation again.
- When requesting repairs or after service, be sure to bring along with the VS-10 (sold separately).

| SYMPTOM | CHECK | Refer to page |
|---|--|---------------|
| No sound at all. | • Is the AC power supply cord connected? | 5 |
| | • Is the sound from the VS-10 temporarily muted? Refer to the owner's manual for the VS-10 (sold separately). | — |
| | • Is the INPUT selector of VS-10 set correctly? Refer to the owner's manual for the VS-10 (sold separately). | — |
| | • Are the headphones connected to the VS-10? Refer to the owner's manual for the VS-10 (sold separately). | — |
| | • Is the system connector cable connected correctly? | 5 |
| No sound from the subwoofer. | • Is the subwoofer level of the VS-10 set too low? Refer to the owner's manual for the VS-10 (sold separately). | — |
| No sound from the center speaker or the rear speakers. | • Are the speaker cords connected correctly? | 3, 4 |
| | • Is the center speaker level or the rear speaker level of the VS-10 set too low for the test tone? Refer to the owner's manual for the VS-10 (sold separately). | — |
| | • Is VIRTUAL SURROUND selected on the VS-10? Refer to the owner's manual for the VS-10 (sold separately). | — |
| | • Is DOLBY PRO LOGIC selected for a monaural source on the VS-10 ? Refer to the owner's manual for the VS-10 (sold separately). | — |
| No sound from the center speaker. | • Is GAME or HALL selected for the 2-channel source on the VS-10 ? Refer to the owner's manual for the VS-10 (sold separately). | — |
| A "humming" noise is present. | • Hum caused by external electromagnetic waves may be generated. Try inverting the right-left polarity of the power cord and re-insert into the AC outlet. | 5 |

SPECIFICATIONS

Amplifier Section

| | |
|--------------------------|-----------------------------------|
| Minimum RMS Output Power | |
| Subwoofer | 50 W (100 Hz, 10% THD, 5 ohms) |
| Center speaker | 40 W (1 kHz, 10% THD, 6 ohms) |
| Rear speakers | 25 W x 2 (1 kHz, 10% THD, 6 ohms) |

Subwoofer (SW-VS10)

| | |
|------------------------------|--|
| Type | Advanced YAMAHA Active Servo Technology System |
| Speaker | 16-cm cone, magnetically shielded |
| Maximum Input Power | 50 W |
| Impedance | 5 ohms |
| Dimensions (W x H x D) | 200 x 395 x 400 mm |
| Weight | 10.6 kg |

Center Speaker (NX-VS10C)

| | |
|------------------------------|--------------------------------------|
| Type | Bass-Reflex type |
| Speakers | 8-cm cone x 2, magnetically shielded |
| Maximum Input Power | 40 W |
| Impedance | 6 ohms |
| Dimensions (W x H x D) | 240 x 100 x 145 mm |
| Weight | 1.7 kg |

Rear Speakers (NX-VS10E)

| | |
|------------------------------|----------------------------------|
| Type | Acoustic suspension type |
| Speaker | 8-cm cone, magnetically shielded |
| Maximum Input Power | 30 W |
| Impedance | 6 ohms |
| Dimensions (W x H x D) | 100 x 140 x 112 mm |
| Weight | 0.68 kg |

General

| | |
|----------------------------------|----------------|
| Power Supply | |
| [Europe and U.K. models] | AC 230V, 50 Hz |
| [U.S.A. and Canada models] | AC 120V, 60 Hz |
| [Australia model] | AC 240V, 50 Hz |

| | |
|---|------|
| Power Consumption | |
| [Europe, U.K. and Australia models] | 90 W |
| [U.S.A. and Canada models] | 95 W |

| | |
|-------------------|-----------------------------------|
| Accessories | Speaker cords (15 m x 2, 4 m x 1) |
| | System connector cable (3 m x 1) |
| | Velcro strips (x 2) |
| | Type A brackets (x 2) |
| | Type B brackets (x 2) |
| | Screws (x 2) |
| | Wing nuts (x 2) |

Specifications are subject to change without notice.



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