

Auf der Rückseite befindet sich die deutsche Version der Bedienungsanleitung.

## PRECAUTIONS

### PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe place for future reference.

#### WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

#### Do not open

- This device contains no user-serviceable parts. Do not attempt to disassemble the internal parts or modify them in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.

#### Water warning

- Do not expose the device to rain, use it near water or in damp or wet conditions. If any liquid such as water seeps into the device, turn off the power of the amplifier immediately. Then have the device inspected by qualified Yamaha service personnel.

#### Hearing loss

- When turning on the AC power in your audio system, always turn on the power amplifier LAST, to avoid hearing loss and speaker damage. When turning the power off, the power amplifier should be turned off FIRST for the same reason.

#### Fire warning

- Do not place any burning items or open flames near the device, since they may cause a fire.

#### If you notice any abnormality

- If any of the following problems occur, immediately turn off the power of the amplifier.
  - Unusual smells or smoke are emitted.
  - Some object has been dropped into the device.
  - There is a sudden loss of sound during use of the device.
  - Cracks or other visible damage appear on the device.

Then have the device inspected or repaired by qualified Yamaha service personnel.

#### CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the device or other property. These precautions include, but are not limited to, the following:

#### Location

- Do not place the device in an unstable position where it might accidentally fall over and cause injuries.
- Do not place the device in a location where it may come into contact with corrosive gases or salt air. Doing so may result in malfunction.
- Avoid being near the device during a disaster, such as an earthquake. Since the device may fall and cause injury, stay away from the device quickly and move to a safe place.
- Before moving the device, remove all connected cables.
- Always consult qualified Yamaha service personnel if the device installation requires construction work, and make sure to observe the following precautions.
  - Choose mounting hardware and an installation location that can support the weight of the device.
  - Avoid locations that are exposed to constant vibration.
  - Use the required tools to install the device.
  - Inspect the device periodically.

#### Connections

- Before connecting the device to other devices, turn off the power for all devices. Also, before turning the power of all devices on or off, make sure that all volume levels are set to the minimum. Failing to do so may result in electric shock, hearing loss, or equipment damage.
- Use only speaker cables for connecting speakers to the speaker jacks. Use of other types of cables may result in fire.

#### Handling caution

- Avoid use excessive force on the connectors to prevent injuries.
- Do not operate the device if the sound is distorting. Prolonged use in this condition could cause overheating and result in fire.
- Avoid pulling the connected cables to prevent injuries.
- When choosing a power amplifier for use with this device, make sure that the output power of the amplifier is lower than the power capacity of this device. If the output power is higher than the power capacity, malfunction or fire may occur.
- Do not input excessively loud signals that may result in clipping in the amplifier or cause the following:
  - Feedback, when using a microphone
  - Continuous and extremely loud sound from a musical instrument, etc.
  - Continuous and excessively loud distorted sound
  - Noise caused by plugging/unplugging the cable while the amplifier is turned on

Even if the output power of the amplifier is lower than the power capacity of this device (program), damage to the device, malfunction or fire may occur.

Yamaha cannot be held responsible for damage caused by improper use or modifications to the device.

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#### NOTICE

To avoid the possibility of malfunction/ damage to the product, damage to data, or damage to other property, follow the notices below.

#### Handling and maintenance

- Do not expose the device to excessive dust or vibration, or extreme cold or heat (such as in direct sunlight or near a heater), in order to prevent the possibility of panel disfiguration, unstable operation, or damage to the internal components.
- When cleaning the device, use a dry and soft cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.
- Condensation can occur in the device due to rapid, drastic changes in ambient temperature—when the device is moved from one location to another, or air conditioning is turned on or off, for example. Using the device while condensation is present can cause damage. If there is reason to believe that condensation might have occurred, leave the device for several hours without turning on the power until the condensation has completely dried out.
- Be sure to observe the amplifier's rated load impedance, particularly when connecting speakers in parallel. Connecting an impedance load outside the amplifier's rated range can damage the amplifier.
- Protection Circuit  
This speaker system has an internal protection circuit that shuts off the speaker unit when an excessive input signal is applied. If the speaker unit emits no sound, reduce the volume level of the amplifier immediately. The sound will return automatically in several seconds.
- Do not place the speaker face down, as deformation of the grille may result.

#### Information

##### About this manual

The illustrations as shown in this manual are for instructional purposes only.

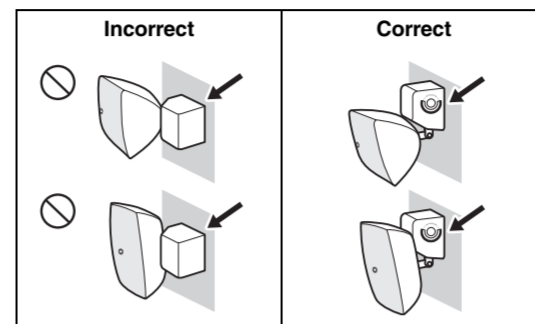
The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

## Installing the Speakers

Install the speakers onto wall/ceiling with the supplied brackets. Ensure that the wall/ceiling is sufficiently strong. The installation conditions between VXS3F/VXS3FW and VXS3FT/VXS3FTW differ slightly. For installation instructions, refer to the VXS3F/VXS3FW/VXS3FT/VXS3FTW Installation Guide.

#### CAUTION

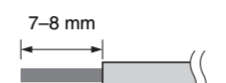
Do not install brackets horizontally.



### Pre-installation

#### Cable preparation

Strip the insulation of cables to be used as shown in the figure and connect them.

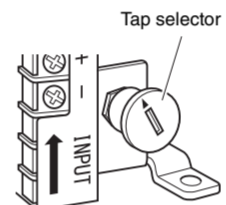


#### NOTE

- Use cables with a thickness up to AWG 12.
- Do not tin stranded wires by solder because doing so may cause the wire to break.

#### Tap selector (VXS3FT/VXS3FTW only)

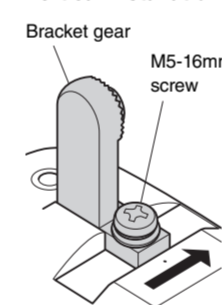
Depending on the installation position of the speaker, it may be impossible to set the tap selector on the side of the bracket base. In such a case, set the tap selector before installing the bracket base.



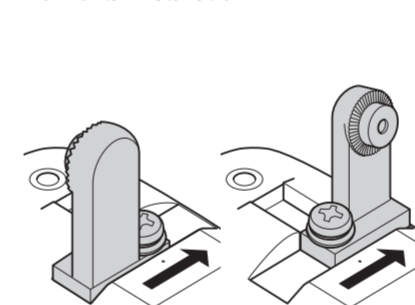
### 1 Attach the bracket gear

1. Install the bracket gear to the speaker. Use the supplied installation screws to attach the bracket gear. The method for attaching the bracket gear depends on the orientation of the speaker (vertical or horizontal).

#### Vertical installation



#### Horizontal installation



#### NOTE

- Determine the orientation for attaching the bracket gear by referring to the VXS3F/VXS3FW/VXS3FT/VXS3FTW Installation Guide.
- When placing the speaker face down, place it on a soft cloth to prevent damage to the grille.

### 2 Install the bracket base onto the wall/ceiling

1. Make holes through the wall/ceiling for the bolts and cables, as required, and feed the bolts and cables through them.

#### NOTE

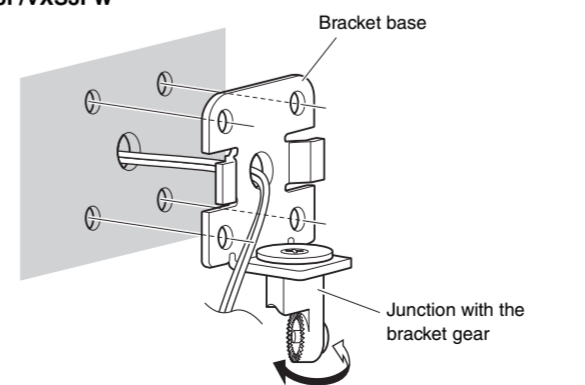
Determine the position of the holes by putting the bracket base onto the wall/ceiling or confirming the dimensions.

2. Install the bracket base onto the wall/ceiling.

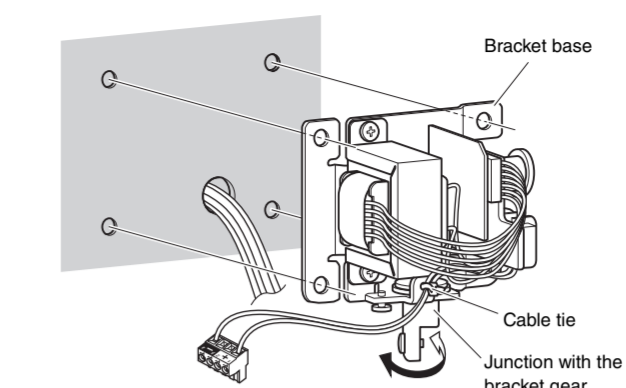
#### NOTE

Make a half turn of the junction with the bracket gear as required.

#### VXS3F/VXS3FW



#### VXS3FT/VXS3FTW



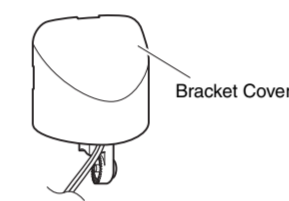
#### NOTE

- If the cable gets in the way when installing, cut the cable tie. When cutting the cable ties, be very careful not to cut the cables themselves by mistake.
- Connect the speaker cables before installing the bracket base, as required.

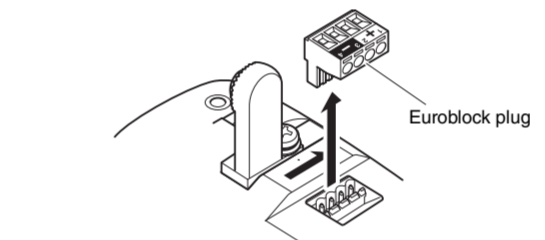
### 3 Connect the speaker cables

#### For VXS3F/VXS3FW

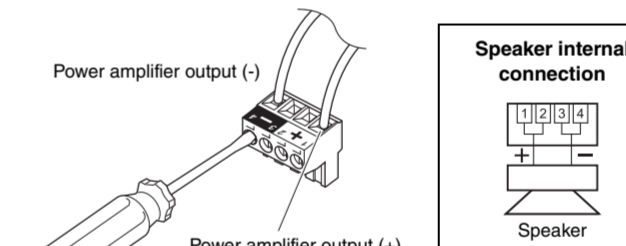
1. Put the bracket cover on the bracket base.



2. Remove the Euroblock plug from the speaker system.

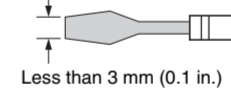


3. After loosening the terminal screws of the Euroblock plug with a flat-blade screwdriver, insert the cable into each terminal and tighten the screws. Make sure that the cables are secure and cannot be pulled out.



#### NOTE

Use a flat-blade screwdriver with a blade less than 3 mm (0.1 in.).



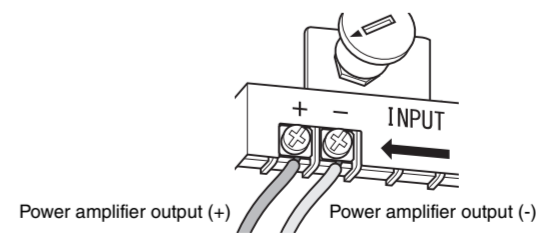
#### For VXS3FT/VXS3FTW

#### CAUTION

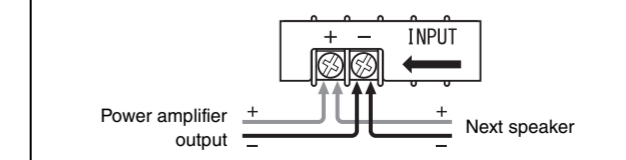
When connecting speakers with high impedance, be sure that the output total of each speaker does not exceed the rated output of the power amplifier. For details, refer to the explanation of high-impedance connection at the following URL.

Yamaha Pro Audio site: "Better Sound for Commercial Installations": [http://www.yamahaproaudio.com/global/en/training\\_support/better\\_sound/](http://www.yamahaproaudio.com/global/en/training_support/better_sound/)

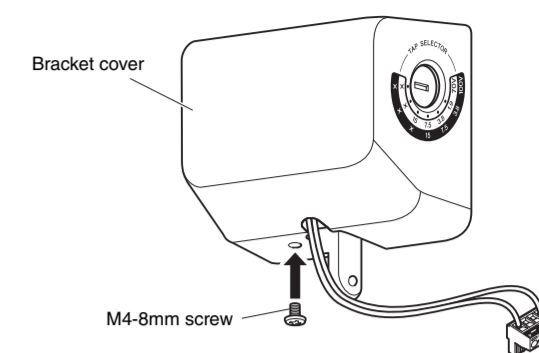
1. After loosening the input screw on the terminal block with a Phillips screwdriver, insert the cable into the terminal block and tighten the screw. Make sure that the cables are secure and cannot be pulled out.



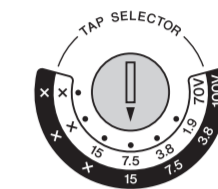
If cables are connected in parallel to the subsequent speaker, connect two cables to one terminal.



2. Put the bracket cover on the bracket base and tighten it with screws to secure the bracket cover.



3. Select the appropriate power tap by rotating the tap selector on the side of the bracket base with a flat-blade screwdriver. Illustration indicates the setting at 15 W for 100 V line and 7.5 W for 70 V line.



#### CAUTION

Make sure the amplifier is switched off before operating the tap selector switch.

### 4 Install the speaker onto the bracket base

1. Attach the safety wire to the wall/ceiling.

#### CAUTION

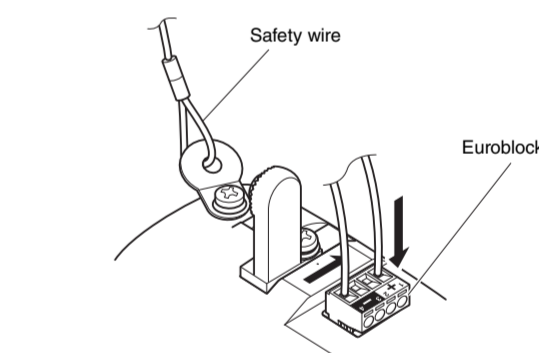
Make sure to take appropriate measures to prevent the speaker from falling down in the event of an installation failure.

When installing the safety wire to the wall, install it higher than the wire's attachment point on the speaker, with as little slack as possible.

If the safety wire is too short, prepare another wire appropriate for the speaker weight and installation conditions. If the wire is too long, should the speaker fall, the wire may snap as a result of excessive strain.

2. Attach the safety wire to the speaker.

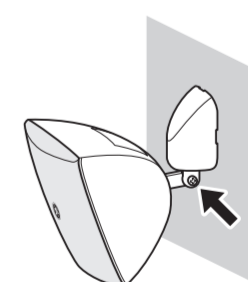
3. Plug the Euroblock plug into the socket in the speaker.



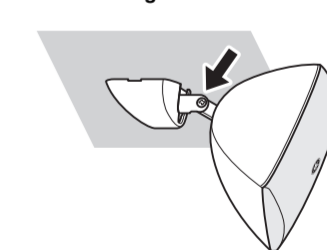
4. Adjust the vertical angle and fix the bracket gear to the bracket base by tightening with a Phillips screwdriver.

#### VXS3F/VXS3FW

##### To the wall

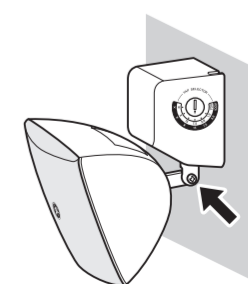


##### To the ceiling

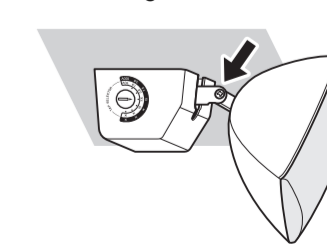


#### VXS3FT/VXS3FTW

##### To the wall



##### To the ceiling



Yamaha Pro Audio global website  
<http://www.yamahaproaudio.com/>  
 Yamaha Downloads  
<http://download.yamaha.com/>

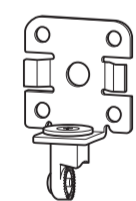
## Included Accessory

Please check the included accessories.

- Speaker × 2
- M5-16mm screw (for speaker installation; with washer) × 2
- Owner's Manual (this leaflet)
- Installation Guide (English only)
- Bracket gear × 2
- Safety wire × 2

#### • VXS3F/VXS3FW

- Bracket base × 2

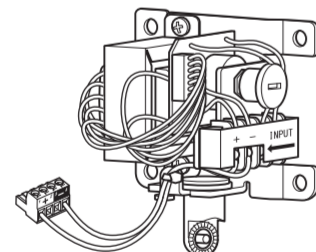


- Bracket cover × 2

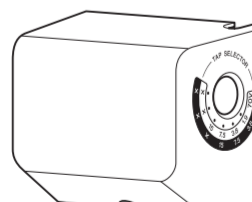


#### • VXS3FT/VXS3FTW

- Bracket base × 2



- Bracket cover × 2



- M4-8mm screw (for fixing bracket cover) × 2



#### Information for Users on Collection and Disposal of Old Equipment

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

#### [For business users in the European Union]

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

#### [Information on Disposal in other Countries outside the European Union]

This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.