

NX-50

Powered Speaker

OWNER'S MANUAL

FEATURES

Aesthetically neutral design

Solid and stylish metal grill design in a compact size that will fit into a variety of home environments.



Loudness control

The Loudness control function of the speakers allows you to enjoy rich bass tone sounds even at low volumes.

Plays a variety of contents with high-quality sound.

You can enjoy a variety of contents with high-quality sound by connecting to external devices such as computers or TVs.



Auto-standby

When no sound is input for a period of time, the speakers go to standby mode automatically.

Since you do not have to turn on/off the power every time, you can save energy.



Caution: Read this before operating your unit.

To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.

- 1 Install this unit in a well ventilated, cool, dry, clean place – away from direct sunlight, heat sources, vibration, dust, moisture, and/or cold. For proper ventilation, allow the following minimum clearances.
Top: 5 cm
Rear: 5 cm
Sides: 5 cm
- 2 Locate this unit away from other electrical appliances, motors, or transformers to avoid humming sounds.
- 3 Do not expose this unit to sudden temperature changes from cold to hot, and do not locate this unit in an environment with high humidity (i.e. a room with a humidifier) to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, and/or personal injury.
- 4 Avoid installing this unit where foreign objects may fall onto this unit and/or this unit may be exposed to liquid dripping or splashing. On the top of this unit, do NOT place:
 - Other components, as they may cause damage and/or discoloration on the surface of this unit.
 - Burning objects (i.e. candles), as they may cause fire, damage to this unit, and/or personal injury.
 - Containers with liquid in them, as they may fall and liquid may cause electrical shock to the user and/or damage to this unit.
- 5 Do not cover this unit with a newspaper, tablecloth, curtain, etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, and/or personal injury.
- 6 Do not operate this unit upside-down. They may overheat, possibly causing damage.
- 7 Do not use force on switches, knobs, and/or cords.
- 8 When disconnecting the power cable from the wall outlet, grasp the AC plug; do not pull the cord.
- 9 Do not clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.
- 10 Only the voltage specified on this unit must be used. Using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, and/or personal injury. Yamaha will not be held responsible for any damage resulting from use of this unit with a voltage other than that specified.

- 11 Do not attempt to modify or fix this unit. Contact qualified Yamaha service personnel when any service is needed. The cabinet should never be opened for any reason.
- 12 When not planning to use this unit for long periods of time (i.e. when going on vacation), disconnect the power cable from the AC wall outlet.
- 13 Be sure to read the “TROUBLESHOOTING” section regarding common operating errors before concluding that the unit is faulty.
- 14 Before moving this unit, disconnect the power cable from the wall outlet.
- 15 Be sure to use the AC adaptor supplied with this unit. Using an AC adaptor other than the one provided may cause fire or damage to this unit.
- 16 Install this unit near the wall outlet and where the power cable can be reached easily.
- 17 For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.
- 18 Secure placement or installation is the owner’s responsibility. Yamaha is not liable for accidents caused by improper placement or installation of speakers.

WARNING

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

There is a chance that placing this unit too close to a CRT-based (Braun tube) TV set might impair picture color. Should this happen, move this unit away from the TV set.

This unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if this unit itself is turned off. In this state, this unit is designed to consume a very small quantity of power.

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 THE 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.

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.

[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.

Precautions

Please read the following operating precautions before use:

- Use the AC adaptor designed specifically for this unit only. Yamaha is not responsible for damage caused by using other power adaptors.
- Do not apply pressure or force the control knobs of this unit, or place heavy items on the cabinet.
- Avoid outputting from test disks, electrical musical instruments, or from extremely loud or distorted input. It may cause a malfunction of the speakers.
- This unit may cause picture distortion when placed close to a computer monitor or television. In this case, move the unit away from them.
- Keep this unit away from magnetic media such as floppy disks and tapes. Otherwise the data on the media may become corrupted.
- Remove the AC adaptor from the wall outlet immediately if any problem is found.

Contents

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Supplied accessories

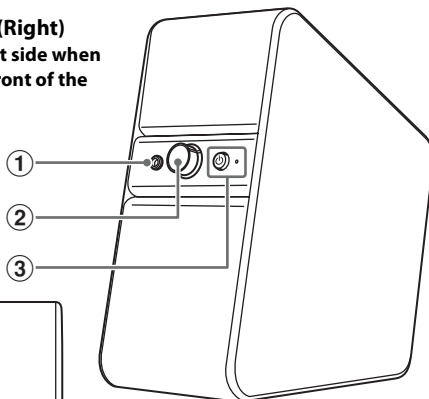
Before assembly and connecting, make sure you have received all of the following items.

- AC adaptor × 1
- 3.5 mm stereo mini plug cable (2.0 m) × 1

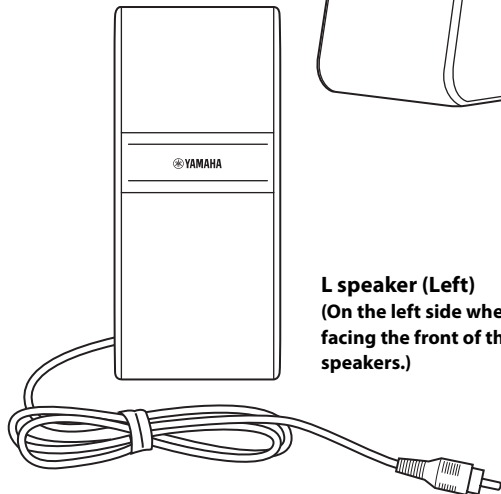
Controls and functions

Front panel

R speaker (Right)
(On the right side when facing the front of the speakers.)



L speaker (Left)
(On the left side when facing the front of the speakers.)



① Headphones connector (3.5 mm stereo mini jack)

Use for a headphones connection.



When a headphones connection is made, no sound is output from the speakers.

Notes

To protect your hearing, make sure that the volume is low before headphones are used.

- Do not use headphones with a loud volume for a long time. Otherwise, your hearing may be damaged.
- Make sure that the volume of the audio devices is at minimum before headphones are connected. A sudden loud sound may damage your hearing.

② **VOL (volume) control**

Controls the volume of both speakers and headphones.

The volume becomes louder as the **VOL** control is rotated to the right, and quieter as it is rotated to the left.

Loudness control

The Loudness control function of the speakers allows you to enjoy rich bass tone sounds even at low volumes.

It automatically corrects the sound volume level from the speakers to allow you to hear the best possible sounds.

When you use the speakers connected to an external device, such as your TV, computer, portable player, etc., adjust the output sound level as follows.


1 After you connect the speakers to an external device, turn on the power of the speakers and then rotate the **VOL** (volume) control to the 2 o'clock position (right illustration).

2 Adjust the volume of the external device to its loudest output level, without annoying blaring or distortion.
For details about external devices, see their instruction manuals.

3 Rotate the **VOL** control of the speakers to adjust the volume to the desired level.



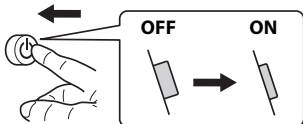
③ (power)/indicator (LED)

When you press  (power), the speakers will turn on and the indicator will light up. Also, the auto-standby mode will be available.

Note



Even when the speakers are turned off or are in standby mode, they consume a small amount of electricity.

Viewing the (power) button from the side...




Status indicator (LED)

● No light ○ Light

Sound signal	 (power) off	 (power) on
Present	●	○
Not present	●	○ → ● After about 30 minutes

Auto-standby

This unit has a function that automatically activates standby mode (power save mode) when this unit is turned on and no audio signal is input or when the connected device is playing at a low volume for a certain amount of time (about 30 minutes). In standby mode, the indicator light goes off.

When a connected device is played while the speakers are in standby mode, the speakers activate automatically and sound is output. When  (power) is pressed again, the speakers turn off.

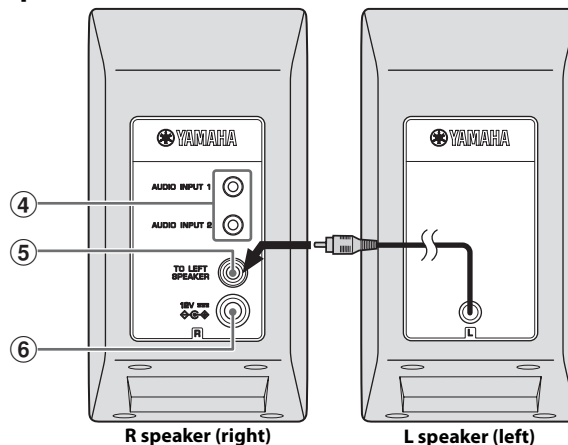
Notes

- The time before entering standby mode is only a guide. It varies depending on the usage environment.
- If the sound from a connected device is too low, the speakers may not activate. In this case, turn up the volume of the connected device.
- If you are using devices, such as mobile phones, which emit electromagnetic waves near the speakers, the speakers may activate by themselves, or not enter standby mode.

Perform the following procedure to exit standby mode.

- 1 Turn up the output level of the connected device.
- 2 Rotate the **VOL** (volume) control of this unit and adjust to the desired sound level.

Rear panel



④ AUDIO INPUT 1/2 (input connectors)

Connects with external devices, such as portable players, using the supplied 3.5 mm stereo mini plug cable.

⑤ TO LEFT SPEAKER

Connects with a cable from the **L** speaker (left) through this connector.

⑥ 12V (DC 12V)

Make sure you use the supplied AC adaptor.

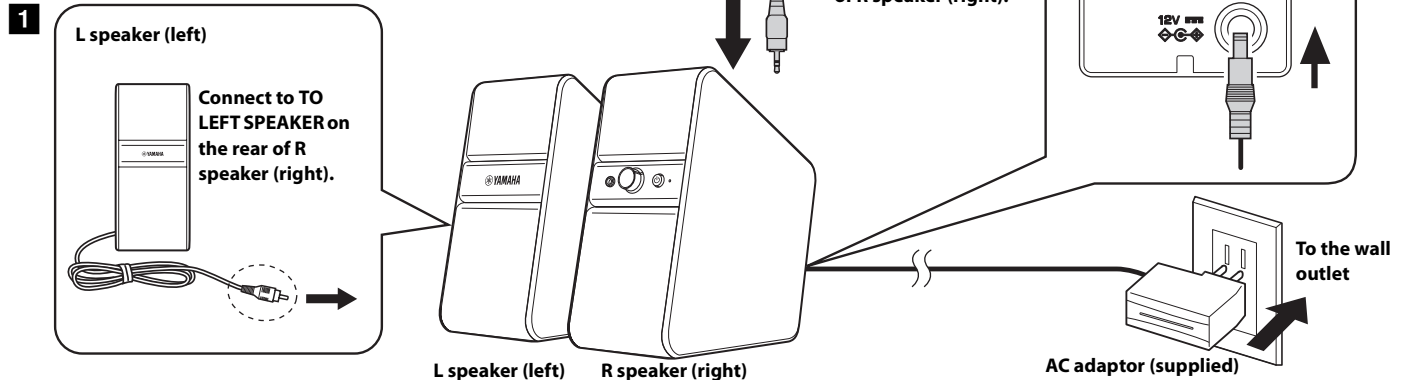
Connections

- Make sure you connect the power cord only after all other connections are made.
- For details about external devices, see their instruction manuals.

- 1** Connect the cable from the **L** speaker (left) at the rear, to the **TO LEFT SPEAKER** of the **R** speaker (right).
- 2** Connect to external devices, such as portable players or computers, through input connectors **AUDIO INPUT 1/2** using the supplied 3.5 mm stereo mini plug cable.
- 3** Connect the supplied AC adaptor (DC12V) to the wall outlet.



Multi-Source Mix


When sounds through both **AUDIO INPUT 1/2** are detected at the same time, sounds are mixed automatically and output from the speakers or headphones. For example, you can listen to news on TV and music on a portable player at the same time.



Troubleshooting

Refer to the table below if the unit does not operate properly. If the problem you are experiencing is not listed below, or if the instruction below does not help, turn off the unit, disconnect the power cable, and contact the nearest authorized Yamaha dealer or service center.

Symptoms	Causes	Remedies
No sound is output from either of the speakers, or the sound is too quiet.	<ul style="list-style-type: none"> The AC adaptor is disconnected from the wall outlet. The  (power) is not turned on. Connections are faulty. (Or the connections are incomplete.) The volume of the speakers set to minimum. The sound from the connected device is too quiet. Headphones are connected. (No sound comes from the speakers when headphones are connected.) 	<ul style="list-style-type: none"> Connect the AC adaptor to the wall outlet properly. Turn on the  (power). (The indicator lights up.) Check that the connections are made correctly. Turn the VOL control to the right to increase the volume. Increase the volume of the connected device. Disconnect the headphones from the speakers.
The sound is distorted.	<ul style="list-style-type: none"> The sound is too loud. 	<ul style="list-style-type: none"> Lower the volume of the connected device.
Noise is heard.	<ul style="list-style-type: none"> Connections are faulty. (Or the connections are incomplete.) The output connector has a bad connection. External noise is picked up. Power-supply noise is picked up. 	<ul style="list-style-type: none"> Check that the connections are made correctly. Check that the stereo mini jack and stereo mini plug cable are not dirty. If they are dirty, clean them. Make sure that devices which emit electromagnetic waves, such as mobile phones, wireless appliances, microwaves or inverter lighting equipment, are not near the speakers. Change the source of power supply by directly connecting the AC adaptor to the wall outlet, etc.

* If **VOL** (volume) stays at maximum after the  (power) is turned off, the slight sound may be heard from the headphones connected to the speakers.

Specifications

Input connector

ø 3.5 mm (1/8 in.) stereo mini jack × 2

Headphone output connector

ø 3.5 mm (1/8 in.) stereo mini jack × 1

Power voltage/Frequency

U.S.A. and Canada models: AC 120 V, 60 Hz

Other models: AC 100 to 240 V, 50/60 Hz

Power consumption

13 W (speaker)

Power consumption when powered off

0.5 W or less

AC adaptor

Australia model

MU18-D120150-A3 (DC 12 V, 1.5 A)

U.K. model

MU18-D120150-B2 (DC 12 V, 1.5 A)

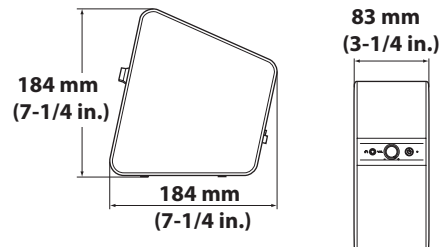
Weight

Right speaker: 1.1 kg (2.4 lbs)

Left speaker: 0.9 kg (2.1 lbs)*

* Including speaker cable (2.0 m)

Dimensions



Specifications are subject to change without notice.



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Printed in China ZE06430-1