YAMAHA

G

Network Receiver

R-N303
R-N303D

Owner's Manual

MusicCast

- The R-N303 and R-N303D network receivers allow you to play back sound in high-quality stereo at your own home.
- This manual explains preparations and operations for everyday users of the unit.

EN

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE USE. BE SURE TO FOLLOW THESE INSTRUCTIONS.

The precautions listed below are to prevent risk of harm to the user and others, as well as to prevent property damage, and to help the user use this unit properly and safely. Be sure to follow these instructions.

After reading this manual, be sure to keep it in a safe place where it can be referenced at any time.

- Be sure to request inspections or repairs from the dealer where you purchased the unit or from qualified Yamaha service personnel.
- Yamaha cannot be held responsible for damage caused by improper use or modifications to the unit.
- This product is for ordinary homes. Do not use for applications requiring high reliability, such as managing lives, health care or high-value assets.

⚠ WARNING

This content indicates "risk of serious injury or death."

Power supply/power cord

- Do not do anything that could damage the power cord.
  - Do not place it near a heater.
  - Do not bend it excessively or alter it.
  - Do not scratch it.
  - Do not place it under a heavy object.

  Using the power cord with the core of the cord exposed could cause electric shocks or a fire.
- Do not touch the power plug or cord if there is a chance of lightning. Failure to observe this may cause electric shocks.
- Use this unit with the power supply voltage printed on it. Failure to connect to an appropriate AC outlet may cause a fire, electric shocks, or malfunctions.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it. Failure to observe this may cause a fire or electric shocks.
- When setting up the unit, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the AC outlet. Even when the power switch is turned off, as long as the power cord is not unplugged from the wall AC outlet, the unit will not be disconnected from the power source.
- If you hear thunder or suspect approaching lightning, quickly turn off the power switch and pull the power plug from the AC outlet. Failure to observe this may cause a fire or malfunctions.
- If not using the unit for long periods of time, be sure to pull the power plug from the AC outlet. Failure to observe this may cause a fire or malfunctions.

Do not disassemble

- Do not disassemble or modify this unit. Failure to observe this may cause a fire, electric shocks, injury, or malfunctions. If you notice any irregularities, be sure to request an inspection or repair from the dealer where you purchased the unit or from qualified Yamaha service personnel.

Water warning

- Do not expose the unit to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings. A liquid such as water getting into the unit may cause a fire, electric shocks, or malfunctions. If any liquid such as water seeps into the device, turn off the power immediately and unplug the power cord from the AC outlet. Then, request an inspection from the dealer where you purchased the unit or from qualified Yamaha service personnel.
- Never insert or remove an electric plug with wet hands. Do not handle this unit with wet hands. Failure to observe this may cause electric shocks or malfunctions.

Fire warning

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

Maintenance and care

- Do not use aerosols or spray-type chemicals that contain combustible gas for cleaning or lubrication. The combustible gas will remain inside the unit, which may cause explosion or fire.

Battery use

- Do not disassemble a battery. If the contents of the battery get on your hands or in your eyes, it can cause blindness or chemical burns.
- Do not dispose of batteries in fire. Doing so may result in the battery bursting, causing a fire or injury.
- Do not expose a battery to high temperatures, such as direct sunlight or a fire. The battery may burst, causing a fire or injury.
- Do not attempt to recharge batteries that are not intended to be charged. Charging could cause the battery to burst or leak, which can cause blindness, chemical burns, or injury.
- If the batteries do leak, avoid contact with the leaked fluid. If the battery fluid should come in contact with your eyes, mouth, or skin, wash immediately with water and consult a doctor. Battery fluid is corrosive and may possibly cause loss of sight or chemical burns.

Wireless unit

- Do not use this unit near medical devices or inside medical facilities. Radio waves from this unit may affect electromedical devices.
- Do not use this unit within 15 cm (6 in) of persons with a heart pacemaker implant or a defibrillator implant. Radio waves from this unit may affect electro-medical devices, such as a heart pacemaker implant or defibrillator implant.

If you notice any abnormality

- If any of the following abnormalities occur, immediately turn off the power and disconnect the power plug. If you are using batteries, remove the batteries from this unit.
  - The power cord/plug is damaged.
  - An unusual smell or smoke is emitted from the unit.
  - Foreign material gets into the interior of the unit.
  - There is a loss of sound during use.
  - There is a crack or damage in the unit.

  Continued use could cause electric shocks, a fire, or malfunctions. Immediately request an inspection or repair from

the dealer where you purchased the unit or from qualified Yamaha service personnel.

- Be careful not to drop or apply strong impact to this unit. If you suspect the unit may have been damaged due to dropping or impact, immediately turn off the power and pull the power plug from the AC outlet. Failure to observe this may cause electric shocks, a fire, or malfunctions. Immediately request an inspection from the dealer where you purchased the unit or from qualified Yamaha service personnel.

⚠ CAUTION

This content indicates "risk of injury."

Power supply/power cord

- Do not use an AC outlet where the power plug fits loosely when inserted. Failure to observe this may cause a fire, electric shocks, or burns.
- When removing the electric plug from an AC outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it and cause electric shocks or a fire.
- Insert the power plug firmly all the way into the AC outlet. Using the unit when it is not plugged in sufficiently can cause dust to accumulate on the plug, causing a fire or burns.

Installation

- Do not place the unit in an unstable position where it might accidentally drop or fall over and cause injuries.
- Do not block this unit's ventilation holes (cooling slits). This unit has ventilation holes on the top/bottom to prevent the internal temperature from becoming too high. Failure to observe this may trap heat inside the unit, causing a fire or malfunctions.
- When installing this unit:
  - Do not cover it with any cloth.
  - Do not install it on a carpet or rug.
  - Make sure the top surface faces up; do not install on its sides or upside down.
  - Do not use the device in a confined, poorly-ventilated location.

  Failure to observe the above may trap heat inside the unit, causing a fire or malfunctions. Ensure that there is adequate space around the unit: at least 30 cm (11-3/4 in) on top, 20 cm (7-7/8 in) on the sides, and 20 cm (7-7/8 in) on the rear.
- Ensure that the top is facing upwards. Failure to observe this may cause malfunctions or for the unit to fall and cause injury.
- Do not place the unit 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 unit during a disaster, such as an earthquake. Since the unit may turn over or fall and cause injury, quickly move away from the unit and go to a safe place.
- Before moving this unit, be sure to turn off the power switch and disconnect all connection cables. Failure to observe this may damage the cables or cause you or someone else to trip and fall.

Hearing loss

- Do not use the unit/speakers or headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.
- Before connecting the unit 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 hearing loss, electric shock, or device damage.
- When turning on the AC power in your audio system, always turn on the unit LAST, to avoid hearing loss and speaker damage. When turning the power off the unit should be turned off FIRST for the same reason. Failure to observe the above may cause hearing impairment or speaker damage.

Maintenance

- Remove the power plug from the AC outlet when cleaning the unit. Failure to observe this may cause electric shocks.

Handling caution

- Do not insert foreign materials such as metal or paper into the ventilation holes of this unit. Failure to observe this may cause a fire, electric shocks, or malfunctions. If foreign material gets into the unit, immediately shut off the power and pull the power plug from the AC outlet / then turn off any amplifiers and receivers and request an inspection from the dealer where you purchased the unit or from qualified Yamaha service personnel.
- Do not rest your weight on the unit or place heavy objects on it. Avoid applying excessive force to the buttons, switches or connectors. Failure to observe the above may cause injury or unit damage.
- Avoid pulling the connected cables to prevent injuries or damage to the unit by causing it to fall.

Battery use

- Always replace all batteries at the same time. Do not use new batteries together with old ones. Using new ones with old ones could cause a fire, burns, or inflammation due to fluid leaks.
- Do not mix battery types, such as alkaline batteries with manganese batteries, or batteries from different makers, or different types of batteries from the same maker, since this can cause a fire, burns, or inflammation due to fluid leaks.
- Keep batteries away from children. A child could accidentally swallow a battery. Failure to observe this may also cause inflammation due to battery fluid leaks.
- Do not put in a pocket or bag, carry, or store batteries together with pieces of metal. The battery could short, burst, or leak, causing a fire or injury.
- Always make sure all batteries are inserted in conformity with the +/- polarity markings. Failure to do so might result in a fire, burns, or inflammation due to fluid leaks.
- When the batteries run out, or if the unit is not to be used for a long time remove the batteries from the remote control to prevent possible leakage of the battery fluid.
- When storing or discarding batteries, insulate the terminal area by applying tape, or some other protection. Mixing them with other batteries or metal objects can cause a fire, burns, or inflammation due to fluid.

Caution
Do not touch the surface marked with this label.
The surface may become hot during operation.

English

Notice and Information

Notice

Indicates points that you must observe in order to prevent product failure, damage or malfunction and data loss, as well as to protect the environment.

Power

- Indicates points that you must observe in order to prevent product failure, damage or malfunction and data loss, as well as to protect the environment.

Installation

- Do not use this unit in the vicinity of other electronic equipment, such as a TV, radio or mobile phone. Failure to observe this may cause this unit or the TV or radio to produce noise.
- Do not use this unit in a location that is exposed to direct sunlight (such as a vehicle interior), that becomes extremely hot, such as near a heater, or extremely cold, or that is subject to excessive dust or vibration. Failure to observe this may cause the unit's panel to become deformed, the internal components to malfunction, or for operation to become unstable.
- Install this unit as far away from other electronic equipment as possible. Digital signals from this unit may interfere with other electronic equipment.
- If using a wireless network or *Bluetooth*, avoid installing this unit near metal walls or desks, microwave ovens, or other wireless network devices.

Connections

- If connecting external units, be sure to thoroughly read the manual for each unit and connect them in accordance with the instructions. Failure to properly handle a unit in accordance with the instructions could cause malfunctions.
- Do not connect this unit to industrial units. Digital audio interface standards for consumer use and industrial use are different. This unit has been designed to connect to a consumer-use digital audio interface. Connections to an industrial-use digital audio interface could not only cause this unit to malfunction, but could also damage the speakers.

Handling

- Do not place vinyl, plastic, or rubber products on this unit. Failure to observe this may cause discoloration or deformation in the panel of this unit.
- If the ambient temperature changes drastically (such as during unit transportation or under rapid heating or cooling) and there is a chance condensation may have formed in the unit, leave the unit for several hours without turning on the power until it is completely dry before use. Using the unit while there is condensation can cause malfunctions.

Maintenance

- When cleaning the unit, use a dry, soft cloth. Using chemicals such as benzine or thinner, cleaning agents, or chemical scrubbing cloths can cause discoloration or deformation.

Batteries

- Be sure to discard used batteries in accordance with local regulations.

Information

Indicates information of note regarding this product.

About content in this manual

- The illustrations and screens 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.
- Software may be revised and updated without prior notice.
- Information marked by the "⚠WARNING" icon indicates points that may lead to death or serious injury if not observed.
- Information marked with the "⚠CAUTION" icon indicates points that may lead to injury if not observed.
- Information in the "Notice" sections indicates points that you must observe to prevent product failure, damage or malfunction and data loss.
- Information listed in the "Note" sections indicates supplementary information.
- This manual describes the "iPod touch", "iPhone" and "iPad" collectively as the "iPhone". ("iPhone" refers to the "iPod touch", "iPhone" and "iPad", unless otherwise specified.)
- In this manual, illustrations of English menu screens are used as examples.

Contents

INTRODUCTION

What you can do with this unit 2
Sources that can be played back on this unit 2
Supplied accessories 3
Controls and functions 4
Front panel 4
Front display 6
Rear panel 7
Remote control 8

PREPARATION

Connections 10
Connecting audio devices 10
Connecting the speakers 11
Connecting the FM/AM antennas (R-N303) 12
Connecting the DAB/FM antenna (R-N303D) 12
Connecting the network cable 13
Preparing a wireless antenna 13
Connecting power cord 13
Turning on the unit 13
Connecting to a network 14
Sharing the iOS device setting 15
Configuring with the router's WPS push button 16
Set the wireless network connection manually 16
Connecting a mobile device to the unit directly (Wireless Direct) 17
Verify the network connection status 18
Configuring MusicCast 19

BASIC OPERATION

Playback 20
Playing a source 20
Switching information on the front display 20
Using the sleep timer 21
Listening to FM/AM radio 22
FM/AM tuning 22
Using preset functions 22
Radio Data System tuning (Only for U.K. and Europe models) 25
Listening to DAB radio (R-N303D) 26
Preparing the DAB tuning 26
Selecting a DAB radio station for reception 26
Using preset function 27
Displaying the DAB information 28
Checking reception strength of each DAB channel label 29
Playing back music via *Bluetooth* 30
Connecting a *Bluetooth* device (pairing) 30
Playing back *Bluetooth* device contents 30
Disconnecting a *Bluetooth* connection 31
Playing back music stored on media servers (PCs/NAS) 32
Setting the media sharing of music files 32
Playback of PC music contents 33
Listening to Internet radio 34
Playing back music with AirPlay 35
Playback of iTunes/iPhone music contents 35
Registering the current playback song/station (Preset function) 36
Registering to a preset 36
Recalling a preset 36
Clearing a preset 36

ADVANCED OPERATION

Configuring playback settings for different playback sources (OPTION menu) 37
OPTION menu items 37
Configuring various functions (SETUP menu) 39
SETUP menu items 39
Network 40
Bluetooth 41
Balance 41
Max Volume 41
InitialVolume 42
AutoPowerStby (Auto Power Standby) 42
Configuring the system settings (ADVANCED SETUP menu) 43
ADVANCED SETUP menu items 43
Checking the firmware version (VERSION) 43
Selecting the remote control ID (REMOTE ID) 43
Setting tuner frequency step (TU) 43
Restoring the default settings (INIT) 43
Updating the firmware (UPDATE) 44
Updating the unit's firmware 45

ADDITIONAL INFORMATION

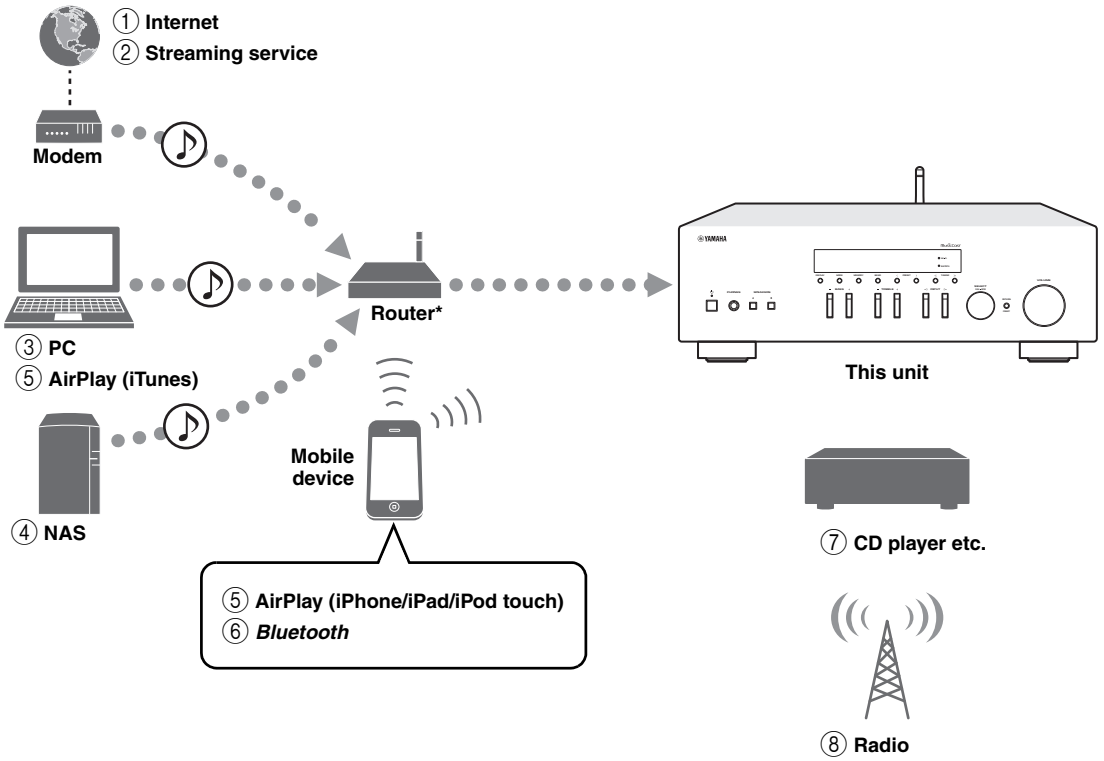
Troubleshooting 46
Supported devices and file formats 52
Supported devices 52
Supported file formats 52
Specifications 53
Trademarks 55
Index 56

INTRODUCTION

What you can do with this unit

This unit is a network receiver compatible with a network source such as a media server and mobile device.
It supports playback from not only analog sources such as a CD player or AM/FM radio, but also from Bluetooth devices and network streaming services.

Sources that can be played back on this unit



* You need a commercially available wireless router (access point) when you use a mobile device.

① **Play back the Internet radio (p. 34)**

② **Play back the streaming service (See the supplement for each service.)**

③ **Play back music files stored on your PC (p. 32)**

④ **Play back music files stored on your NAS (p. 32)**

⑤ **Play back music files with AirPlay (p. 35)**

⑥ **Play back audio content from *Bluetooth* devices (p. 30)**

⑦ **Play back your external component (p. 10)**

⑧ **Listening to radio (p. 22, 26)**

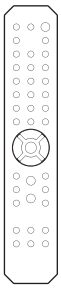
Note

For details on connecting the external devices, see “Connections” (p. 10).

Supplied accessories

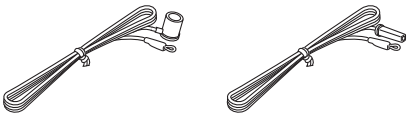
Check that the following accessories are supplied with the product.

Remote control



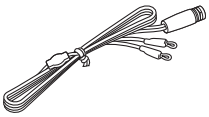
AM antenna (R-N303)

FM antenna (R-N303)

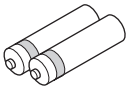


* One of the above is supplied depending on the region of purchase.

DAB/FM antenna (R-N303D)



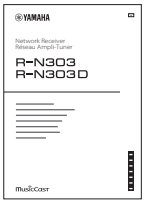
Batteries (x2) (AA, R6, UM-3)



R-N303/R-N303D Owner's Manual CD-ROM (Europe model)

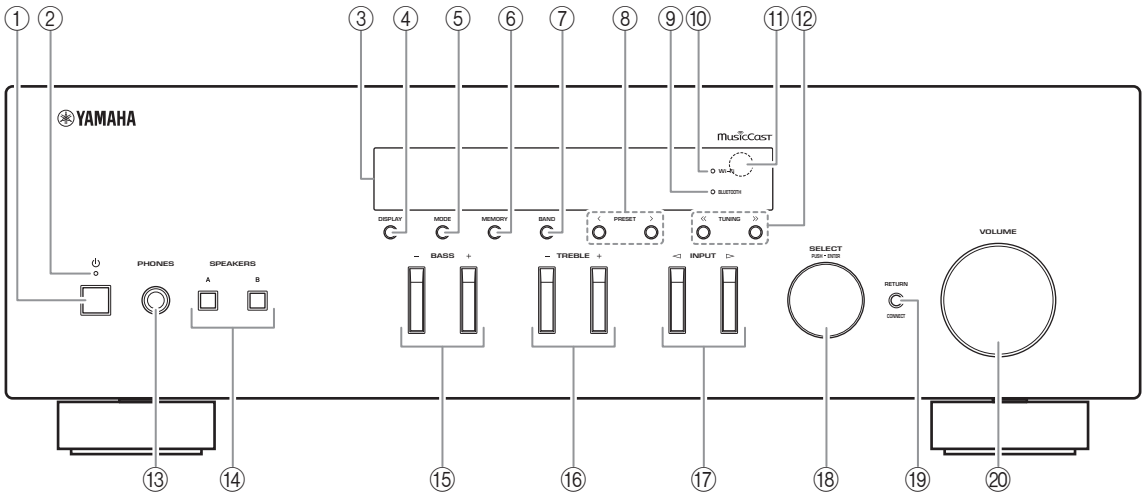
R-N303/R-N303D Owner's Manual (except Europe model, this book)

R-N303/R-N303D Quick Start Guide (Europe model)



Controls and functions

Front panel



① **⏻ (power)**
Turns on/off (standby) the unit.

② **STANDBY/ON indicator**
Brightly lit: Power is on
Dimly lit: Standby mode

Note

When not using this unit for an extended period of time, be sure to unplug it from the power outlet. This unit uses a minimal amount of power even in standby mode.

③ **Front display**
Shows information about the operational status of this unit (p. 6).

④ **DISPLAY**
Selects the information displayed on the front display (p. 20).

⑤ **MODE**
Sets the FM band reception mode to automatic stereo or monaural (p. 22).

⑥ **MEMORY**
Registers the current radio station as a preset when TUNER is selected as the input source (p. 23, 27).
Registers the current playback song or streaming station as a preset when NET are selected as the input source (p. 36).

⑦ **BAND**
Sets the radio tuner band when TUNER is selected as the input source. (p. 22, 26)

⑧ **PRESET ＜/＞**
Recalls a preset radio station (p. 24, 22) or song/streaming station (p. 36).

⑨ **BLUETOOTH indicator**
Lights up when the unit is connecting to a *Bluetooth* device.

⑩ **Wi-Fi indicator**
This lights when connecting to a wireless network, or when the unit is operating as an access point.
It also lights up if you register the unit with the MusicCast CONTROLLER app, even if the unit is connected to a wired network.

⑪ **Remote control sensor**
Receives infrared signals from the remote control.

⑫ **TUNING ≪/≫**
Selects the tuning frequency (p. 22) or a DAB radio station (p. 26) when TUNER is selected as the input source.

⑬ **PHONES jack**
Outputs audio to your headphones for private listening.

⑭ **SPEAKERS A/B**
Turns on or off the speaker set connected to the SPEAKERS A and/or SPEAKERS B terminals on the rear panel each time the corresponding button is pressed.

⑮ **BASS +/–**
Increases or decreases the low frequency response.
Control range: –10 to +10 (20 Hz)

⑯ **TREBLE +/–**
Increases or decreases the high frequency response.
Control range: –10 to +10 (20 kHz)

⑰ **INPUT ◁ / ▷**
Selects the input source you want to listen to.

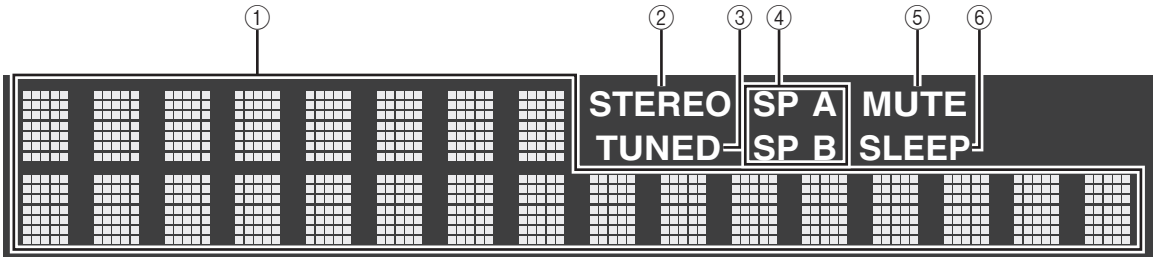
⑱ **SELECT/ENTER (jog dial)**
Turn the dial to select a numeric value or setting, and press the dial to confirm.

⑲ **RETURN**
Returns to the previous indication of the front display.

CONNECT
Use to control the unit using the dedicated MusicCast CONTROLLER app for mobile devices.
See MusicCast Setup Guide for details.

⑳ **VOLUME control**
Increases or decreases the sound output level.

Front display



Note

You can change the brightness level of the front display by pressing DIMMER (p. 8).

① **Information display**
Displays the current status (such as input name). You can switch the information that is displayed when you press DISPLAY (p. 20).

② **STEREO indicator**
Lights up when the unit is receiving a stereo FM radio signal.

③ **TUNED indicator**
Lights up when the unit is receiving an FM/AM radio station signal.

Note

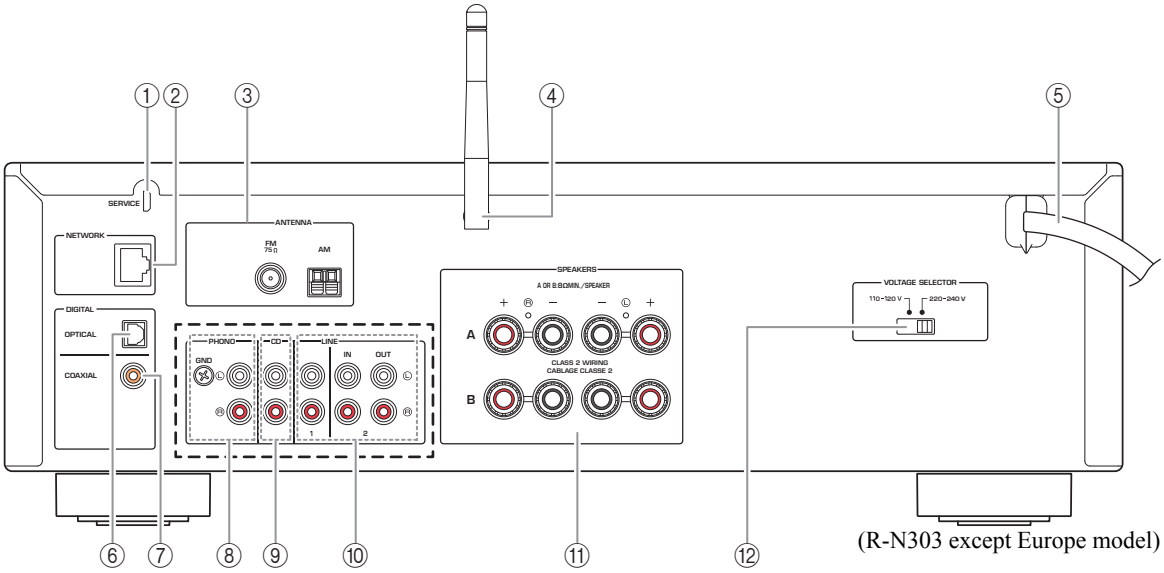
AM radio is available only for R-N303.

④ **Speaker indicators**
"SP A" lights up when the SPEAKERS A output is enabled and "SP B" lights up when the SPEAKERS B output is enabled.

⑤ **MUTE indicator**
Blinks when audio is muted.

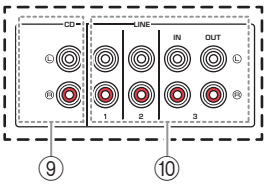
⑥ **SLEEP indicator**
Lights up when the sleep timer is on (p. 21).

Rear panel



(R-N303 except Europe model)

* The R-N303 Europe model and R-N303D are as shown below.



① **SERVICE jack**
This jack is for support use, and is normally not used.

② **NETWORK jack**
For connecting to a network with a network cable (p. 13).

③ **ANTENNA terminals**
For connecting to the radio antennas (p. 12).

④ **Wireless antenna**
For connecting to a network device wirelessly (p. 13).

⑤ **Power cord**
For connecting to an AC wall outlet (p. 13).

⑥ **OPTICAL jack**
For connecting to audio components equipped with optical digital output (p. 10).

⑦ **COAXIAL jack**
For connecting to audio components equipped with a coaxial digital output (p. 10).

⑧ **PHONO jacks (R-N303 except Europe model)**
For connecting to a turntable (p. 10).

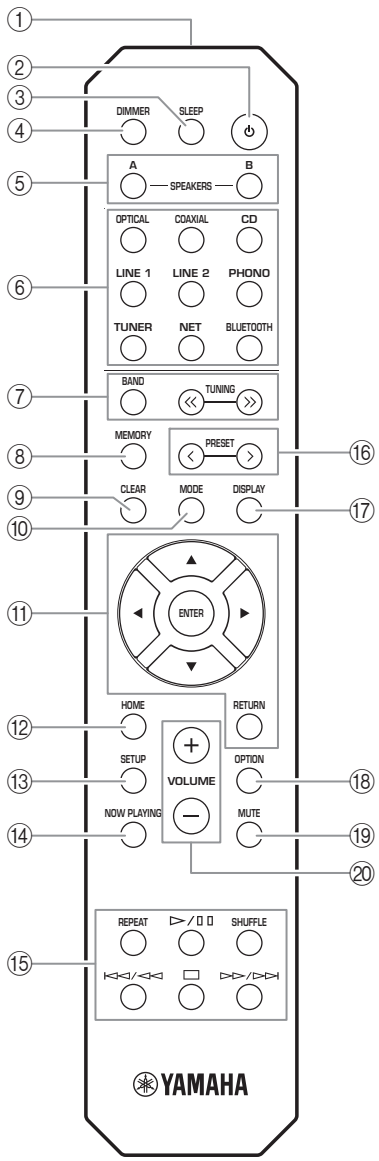
⑨ **CD jacks**
For connecting to a CD player (p. 10).

⑩ **LINE 1-3 jacks (R-N303 Europe model, R-N303D)**
LINE 1-2 jacks (R-N303 except Europe model)
For connecting to analog audio components (p. 10).

⑪ **SPEAKERS terminals**
Used to connect speakers (p. 11).

⑫ **VOLTAGE SELECTOR**
(Only for General model)

Remote control



(R-N303, except Europe model)

① **Infrared signal transmitter**
Sends infrared signals.

② **⏻ (power)**
Turns on/off (standby) the unit.

③ **SLEEP**
Sets the sleep timer (p. 21).

④ **DIMMER**
Changes the brightness level of the front display. Choose brightness from 5 levels by pressing this key repeatedly.

⑤ **SPEAKERS A/B**
Turns on and off the set of speakers connected to the SPEAKERS A and/or SPEAKERS B terminals on the rear panel of this unit when the corresponding key is pressed.

⑥ **Input selection keys**
Select the input source you want to listen to.

Note

NET key is for network source. Press repeatedly to select a desired network source.

⑦ **Radio keys**
Operate the radio.

BAND	Sets the radio tuner band when TUNER is selected as the input source (p. 22, 26).
TUNING ≪ / ≫	Selects the tuning frequency (p. 22) or a DAB radio station (p. 26) when TUNER is selected as the input source.

⑧ **MEMORY**
Registers the current radio station as a preset when TUNER is selected as the input source (p. 23, 27). Registers the current playback song or streaming station as a preset when NET are selected as the input source (p. 36).

⑨ **CLEAR**
Deletes the preset memory (p. 24, 28, 36).

⑩ **MODE**
Sets the FM band reception mode to automatic stereo or monaural (p. 22).

⑪ **Menu operation keys**

Cursor keys	Selects a menu, setting value or other parameter.
ENTER	Confirms a selected item.
RETURN	Returns to the previous state.

⑫ **HOME**
Moves up top level when selecting music files, folders, etc.

⑬ **SETUP**
Displays the “SETUP” menu (p. 39).

⑭ **NOW PLAYING**
Displays music information when selecting music files, folders, etc.

⑮ **Playback keys**
Let you play back and perform other operations for network sources and *Bluetooth* devices.

Note

Yamaha does not guarantee the operation of all *Bluetooth* devices.

⑯ **PRESET ＜ / ＞**
Recalls a preset radio station (p. 24, 22) or song/ streaming station (p. 36).

⑰ **DISPLAY**
Selects the information displayed on the front display (p. 20).

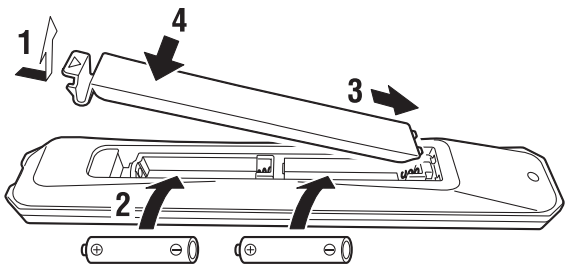
⑱ **OPTION**
Displays the “OPTION” menu (p. 37).

⑲ **MUTE**
Mutes the audio output.

⑳ **VOLUME +/–**
Increases or decreases the sound output level.

Installing batteries

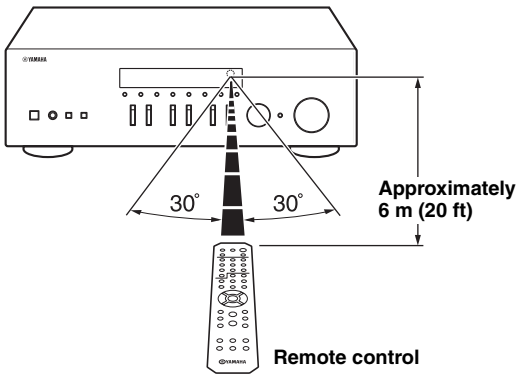
Change all batteries if you notice the operation range of the remote control narrows. Before inserting new batteries, wipe the battery compartment clean.



AA, R6, UM-3 batteries

Operation range

Point the remote control at the remote control sensor on this unit and remain within the operating range shown below. The area between the remote control and this unit must be clear of large obstacles.



PREPARATION

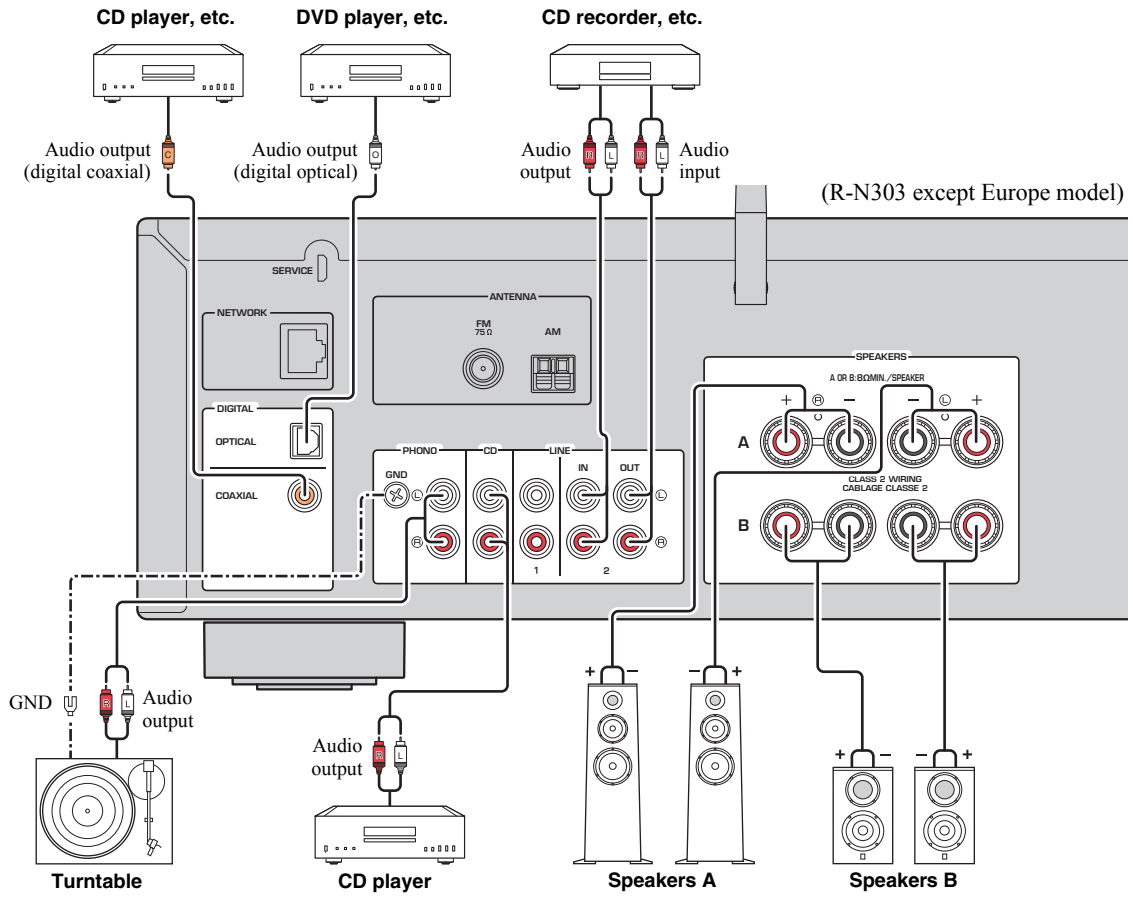
Connections

Connecting audio devices

Make sure to connect L (left) to L, R (right) to R, "+" to "+" and "–" to "–". If the connections are faulty, no sound will be heard from the speakers, and if the polarity of the speaker connections is incorrect, the sound will be unnatural and lack bass. Refer to the owner's manual for each of your components.
Make sure to use RCA cables to connect audio components.

⚠ *CAUTION*

- Do not connect this unit or other components to the main power until all connections between components are complete.
- Do not let bare speaker wires touch each other or any metal part of this unit. This could damage this unit and/or the speakers.



Note

The input jacks are different on the R-N303 Europe model and on the R-N303D (p. 7).

Only PCM signals can be input to the digital (OPTICAL/COAXIAL) jacks of this unit.

Note

- Do not bundle audio cables and speaker cables together with the power cord. Doing so may generate noise.
- The PHONO jacks are designed for connecting a turntable with an MM cartridge.
- Connect your turntable to the GND terminal to reduce noise in the signal. However, for some turntables, you may hear less noise without the GND connection.
- On the R-N303D and R-N303 Europe models, to prevent sound loops, no sound will be outputted from the LINE 3(OUT) jack while the LINE 3 input is selected. On other models, no sound will be outputted from the LINE 2(OUT) jack while the LINE 2 input is selected.

Connecting the speakers

⚠ CAUTION

Connect the speakers with an impedance as shown below. If you connect speakers with an excessively low impedance, this unit may overheat.

Speaker connection	Speaker impedance
SPEAKERS A or SPEAKERS B	8 Ω or higher
SPEAKERS A and SPEAKERS B	16 Ω or higher (except for North America model)
Bi-wiring	8 Ω or higher

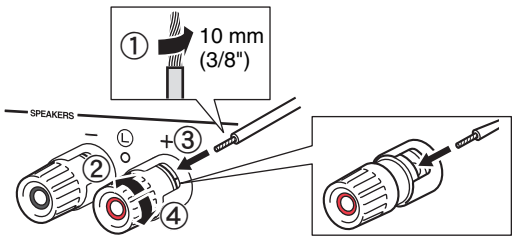
Connecting speaker cables

①Remove approximately 10 mm (3/8") of insulation from the ends of the speaker cable and twist the bare wires of the cable firmly together.

②Loosen the speaker terminal.

③Insert the bare wires of the cable into the gap on the side (upper right or bottom left) of the terminal.

④Tighten the terminal.



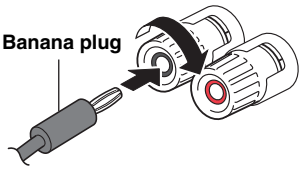
Red:positive (+)
Black:negative (–)

Note

When inserting speaker cables into the speaker terminals, insert only the bare speaker wire. If insulated cable is inserted, the connection may be poor and sound may not be heard.

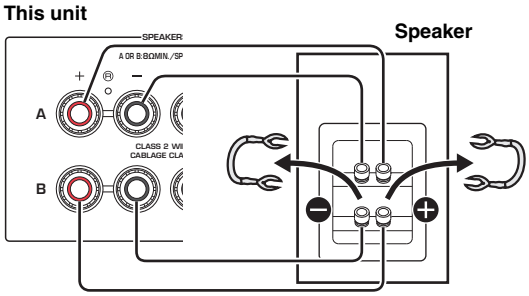
Connecting via banana plug (North America, Australia, General models only)

Tighten the knob and then insert the banana plug into the end of the corresponding terminal.



Bi-wire connection

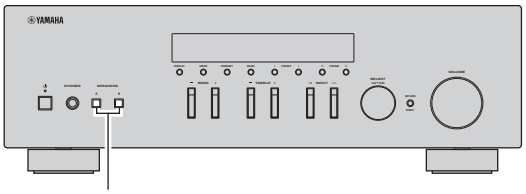
Bi-wire connection separates the woofer from the combined midrange and tweeter section. A bi-wire compatible speaker has four binding post terminals. These two sets of terminals allow the speaker to be split into two independent sections. With these connections, the mid and high frequency drivers are connected to one set of terminals and the low frequency driver to another set of terminals.



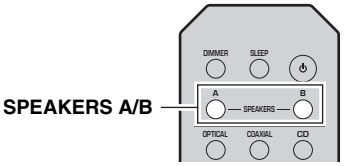
Connect the other speaker to the other set of terminals in the same way.

Note

- When making bi-wire connections, remove the shorting bridges or cables on the speaker. Refer to the speakers' instruction manuals for more information.
- To use the bi-wire connections, press SPEAKERS A and SPEAKERS B (p. 8) so that both speaker indicators ("SP A" and "SP B") light up on the front display.

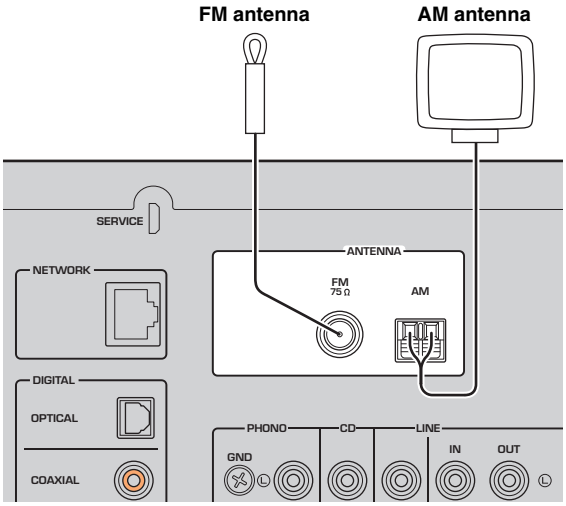


SPEAKERS A/B



Connecting the FM/AM antennas (R-N303)

Connect the supplied FM/AM antenna to this unit.
Fix the end of the FM antenna to a wall, and place the AM antenna.

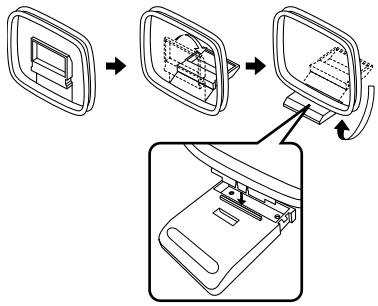


(except Europe model)

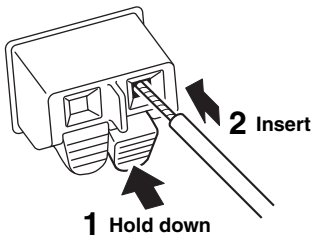
Note

- If you experience poor reception quality, install an outdoor antenna.
- Unwind only the length of cable needed from the AM antenna unit.
- The wires of the AM antenna have no polarity.

Assembling the supplied AM antenna

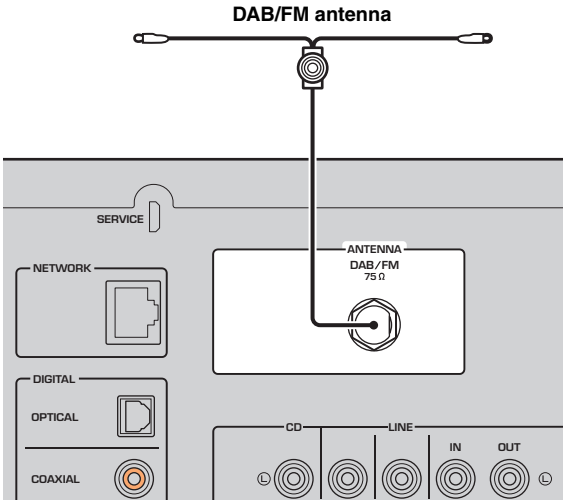


Connecting the wires of the AM antenna



Connecting the DAB/FM antenna (R-N303D)

Connect the supplied DAB/FM antenna to this unit and fix the antenna ends to a wall.



Note

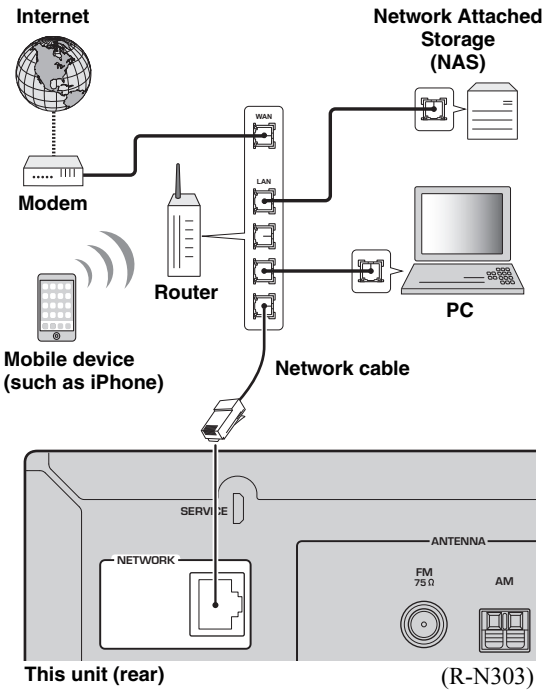
- If you experience poor reception quality, install an outdoor antenna.
- The antenna should be stretched out horizontally.

Connecting the network cable

Connect the unit to your router with a commercially-available STP network cable (CAT-5 or higher straight cable).

Note

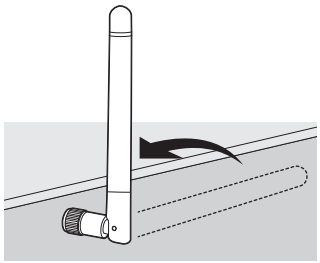
Use STP (Shielded Twisted Pair) cable to prevent electromagnetic interference.



(R-N303)

Preparing a wireless antenna

If you connect the unit wirelessly, erect the wireless antenna. For information on how to connect the unit to a wireless network, see “Connecting to network” (p. 14). For more information on using this unit with a Bluetooth device, see “Playing back music via *Bluetooth*” (p. 30).



Notice

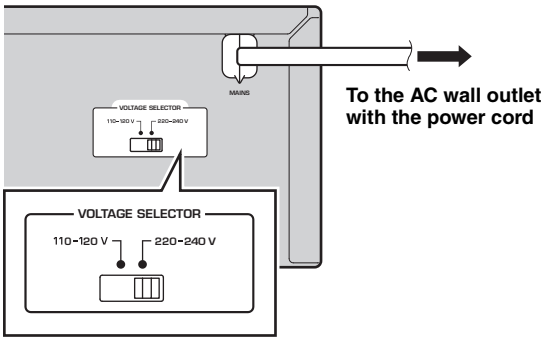
Do not apply excessive force on the wireless antenna. Doing so may damage the antenna.

Connecting power cord

Plug the power cord into an AC wall outlet after all other connections are complete.

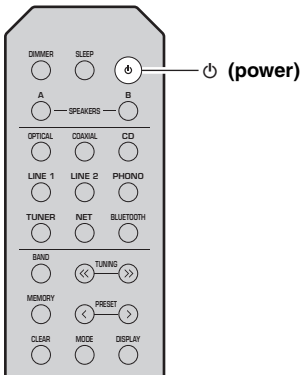
⚠ WARNING

Only for General model:
Before connecting the power cord, make sure you set VOLTAGE SELECTOR of this unit according to your local voltage. Improper setting of VOLTAGE SELECTOR may cause fire and damage to this unit.



Turning on the unit

Press ⏻ (power) to turn on the unit.



Connecting to a network

There are several methods to connect the unit to a network. Select a connection method according to your environment.

Note

- Some security software installed on your PC or the firewall settings of network devices (such as a router) may block the access of the unit to the network devices or the Internet. In these cases, configure the security software or firewall settings appropriately.
- Each server must be connected to the same subnet as the unit.
- To use the service via the Internet, broadband connection is strongly recommended.
- When playing a high-resolution audio source via the network, we recommend connecting by cable to the router for stable playback.

WAC (Wireless Accessory Configuration)

If you turn on the power to the unit right after you purchase or initialize it, the unit will automatically use the network settings of the iOS device (iPhone/iPad/iPod touch) and try to connect to a wireless LAN (unless the unit is already connected to a wired LAN).

R-N303 (example)

If you have an iOS device, follow the procedure from Step 6 in the section “Sharing the iOS device setting” (p. 15).
If you plan to connect the unit wirelessly by another method, press RETURN to exit the current screen, and then proceed to one of the sections below.

■ Connecting with a wireless router (access point)

Connect to the network with the method listed below that corresponds to your environment.

Connecting with the MusicCast CONTROLLER app	**See “Configuring MusicCast” (p. 19) for details.**
Connecting using the Wi-Fi setting of the iOS device (iPhone / iPad / iPod touch)	**Share the Wi-Fi setting of the iOS device (p. 15)**
Connecting using WPS push button configuration on the wireless router (or access point)	**Use the WPS push button configuration (p. 16)**
Connecting with a wireless router (access point) without WPS push button configuration	**Set the network connection manually (p. 16)**

■ Connecting to a router using a cable

Connecting using the DHCP server function of the router	**You can connect to the network by simply making a wired connection (p. 13)**

Note

- For information on how to set the IP address and other menu items, please refer to page 40.
- To switch from a wireless LAN connection to a wired LAN connection, set the “Connection” under the “Network” setup menu to “Wired” (p. 40).

■ Connecting without a wired router or wireless router (access point)

Connecting wirelessly to a mobile device (Wireless Direct) → **Connect wirelessly with Wireless Direct (p. 17)**

Note

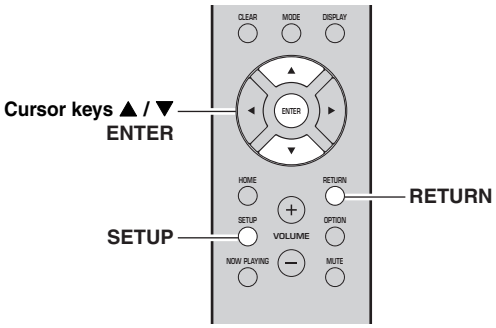
When the unit is connected to the network with Wireless Direct, it cannot connect to any other wireless router (access point). To play back contents from the Internet or to update the firmware of this unit over the network, connect the unit to a network with a wired router or wireless router (access point).

Sharing the iOS device setting

You can easily setup a wireless connection by applying the connection settings on iOS devices (iPhone/iPad/iPod touch).
Before proceeding, confirm that your iOS device is connected to a wireless router (access point).

Note

- If you perform the following procedure, all network settings will be initialized.
- This configuration does not work if the security protocol of your wireless router (access point) is WEP. In this case, use another connection method.



1 Press SETUP.

2 Use the cursor keys (▲ / ▼) to select "Network" and press ENTER.

Note

To return to the previous state, press RETURN.

3 Use the cursor keys (▲ / ▼) to select "Connection" and press ENTER.

4 Use the cursor keys (▲ / ▼) to select "Wireless" and press ENTER.

5 Use the cursor keys (▲ / ▼) to select "Share Setting" and then press ENTER twice.

Note

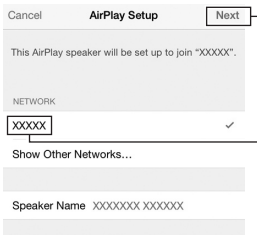
When connected to a wired network, the front display will show the messages "LAN CBL" and "Pls disconnect". Unplug the network cable from the unit, and press the ENTER key.

6 On the iOS device, select the unit as the AirPlay speaker in the Wi-Fi screen.

Example (iOS 10)

The name of this unit

7 Check that the "Network" field is set to your preferred network, and then tap "Next".



Tap here to start setup

The network currently selected

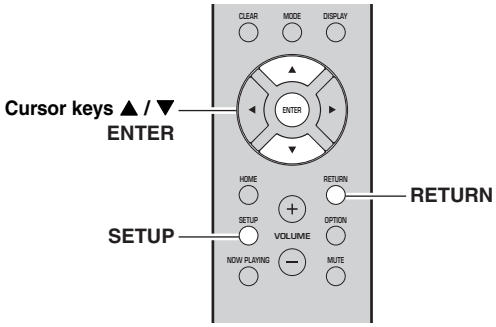
When the sharing process finishes, the unit is automatically connected to the selected network (access point).
When the setting finishes, verify whether the unit is connected to a wireless network (p. 18).

Configuring with the router's WPS push button

You can easily set up a wireless connection with one push of the WPS button.

Note

This configuration does not work if the security method of your wireless router (access point) is WEP or WPA2-TKIP. In this case, use another connection method.



1 Press SETUP.

2 Use the cursor keys (▲ / ▼) to select "Network" and press ENTER.

Note

To return to the previous state, press RETURN.

3 Use the cursor keys (▲ / ▼) to select "Connection" and press ENTER.

4 Use the cursor keys (▲ / ▼) to select "Wireless" and press ENTER.

5 Press ENTER twice.

"Connecting" appears on the front display.

6 Push the WPS button on the wireless router (access point).

When the connection process finishes, "Completed" appears on the front display. When the setting finishes, verify whether the unit is connected to a wireless network (p. 18).

If "Completed" does not appear, repeat from Step 1 or try another connection method.

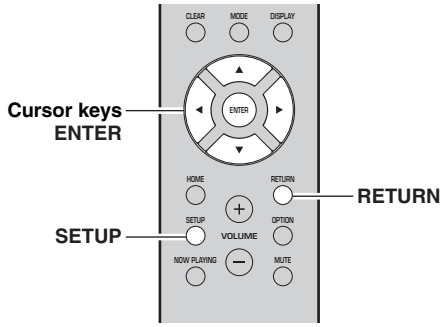
7 To exit from the menu, press SETUP.

About WPS

WPS (Wi-Fi Protected Setup) is a standard established by the Wi-Fi Alliance, which allows easy establishment of a wireless home network.

Set the wireless network connection manually

Before performing the following procedure, check the security method and security key on the wireless router (access point).



1 Press SETUP.

2 Use the cursor keys (▲ / ▼) to select "Network" and press ENTER.

Note

To return to the previous state, press RETURN.

3 Use the cursor keys (▲ / ▼) to select "Connection" and press ENTER.

4 Use the cursor keys (▲ / ▼) to select "Wireless" and press ENTER.

5 Use the cursor keys (▲ / ▼) to select "ManualSetting" and press ENTER.

6 Use the cursor keys (▲ / ▼) to select "SSID" and press ENTER.

7 Use the cursor keys to enter the SSID on the wireless router (access point), and press RETURN to previous state.

Use the cursor keys (▲/▼) to select a character and the cursor keys (◀/▶) to move the edit position.
You can insert / delete a character, by pressing PRESET ❯ (insert) or PRESET ❮ (delete).

8 Use the cursor keys (▲ / ▼) to select "Security" and press ENTER.

9 Use the cursor keys (◀ / ▶) to select desired security method and press RETURN.

Settings

None, WEP, WPA2-PSK (AES), Mixed Mode

Note

If you select "None", the connection may be insecure since the communication is not encrypted.

10 Use the cursor keys (▲ / ▼) to select "Security Key" and press ENTER.

11 Use the cursor keys to enter the security key on the wireless router (access point), and press RETURN to previous state.

If you select "WEP" in Step 9, enter either 5 or 13 character string, or 10 or 26 hexadecimal digits.
If you select "WPA2-PSK (AES)" or "Mixed Mode" in Step 10, enter either 8 to 63 character string or 64 hexadecimal digits.
Use the remote control keys as described in Step 7 to enter the key.

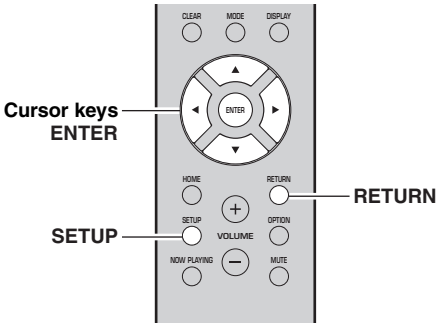
12 Use the cursor keys (▲ / ▼) to select "Connect [ENT]" and press ENTER to save the setting.

If the unit does not connect, check the SSID and security key on the wireless router (access point) and repeat from Step 6.
Verify whether the unit is connected to a wireless network (p. 18).

13 To exit from the menu, press SETUP.

Connecting a mobile device to the unit directly (Wireless Direct)

Using Wireless Direct, this unit can operate as a wireless network access point that mobile devices can directly connect to.



Note

You will not be able to connect your mobile device or this unit to the Internet while Wireless Direct is in use. For this reason, Internet-based services such as Internet radio will be unavailable.

1 Press SETUP.

2 Use the cursor keys (▲ / ▼) to select "Network" and press ENTER.

Note

To return to the previous state, press RETURN.

3 Use the cursor keys (▲ / ▼) to select "Connection" and press ENTER.

4 Use the cursor keys (▲ / ▼) to select "W.Direct" and press ENTER.

5 Press ENTER to display the SSID for this unit, and press RETURN to previous state.

6 Use the cursor keys (▲ / ▼) to select "Security" and press ENTER.

7 Use the cursor keys (◀ / ▶) to select desired security method and press RETURN.

Settings

None, WPA2-PSK (AES)

If you select “None”, go to step 10 below.

Note

If you select “None”, the connection may be insecure since the communication is not encrypted.

8 Use the cursor keys (▲ / ▼) to select “Security Key” and press ENTER.

9 Use the cursor keys to enter the security key on this unit, and press RETURN to previous state.

Enter either 8 to 63 character string or 64 hexadecimal digits.
Use the cursor keys (▲/▼) to select a character and the cursor keys (◀/▶) to move the edit position.
You can insert / delete a character, by pressing PRESET ❯ (insert) or PRESET ❮ (delete).

10 Use the cursor keys (▲ / ▼) to select “Connect [ENT]” and press ENTER to save the setting.

The SSID and security key information is required for setup of a mobile device.
When you select the “SSID” in Step 5, you can display the SSID configured for this unit.

11 Configure the Wi-Fi settings of a mobile device.

For details on settings of your mobile device, refer to the instruction manual of the mobile device.

(1) Enable the Wi-Fi function on the mobile device.
(2) Select the SSID of this unit from the list of available access points.
(3) When you are prompted for a password, enter the security key displayed in Step 9.

If the Wireless Direct connection cannot be made, the security key may be incorrect. Configure the Wi-Fi settings of a mobile device again. You can verify whether the unit is connected to a wireless network (p. 18).

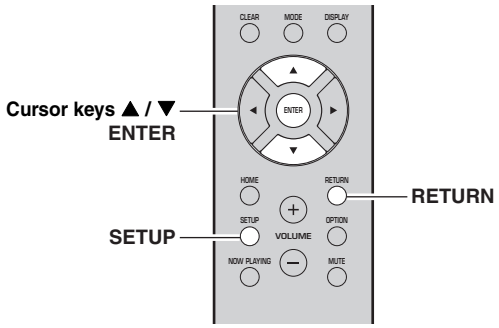
12 To exit from the menu, press SETUP.

Verify the network connection status

Perform the following procedure to verify the unit’s connection to a network.

Note

When using Wireless Direct, you will not be able to check the status of the network connection.



1 Press SETUP.

2 Use the cursor keys (▲ / ▼) to select “Network” and press ENTER.

Note

To return to the previous state, press RETURN.

3 Use the cursor keys (▲ / ▼) to select “Information” and press ENTER.

4 Use the cursor keys (▲ / ▼) to select “STATUS”.

When “Connect” appears, the unit is connected to a network. If “Disconnect” appears, reset connection.

5 To exit from the menu, press SETUP.

Configuring MusicCast

About MusicCast

Use MusicCast to share music between MusicCast-compatible devices in multiple rooms.
With the dedicated "MusicCast CONTROLLER" app, you can easily enjoy music from your smartphone, a media server (a personal computer or NAS) or Internet radio (streaming services) wherever you are in your home.

- All MusicCast-compatible devices can be operated from the dedicated "MusicCast CONTROLLER" app
- Multiple devices that support MusicCast in separate rooms can be linked to play music simultaneously
- Supports music playback through Internet radio (streaming services)
- Network settings for devices that support MusicCast

Visit the following website for more information on MusicCast and on which devices are compatible.
http://www.yamaha.com/musiccast/

Note

To use MusicCast, download the MusicCast Setup Guide from the Yamaha Downloads website.
http://download.yamaha.com/

MusicCast CONTROLLER

To use network functionality with a device that supports MusicCast, you need to use the "MusicCast CONTROLLER" dedicated app for mobile devices. Search for and install "MusicCast CONTROLLER" (free) in the App Store or on Google Play.

Registering a MusicCast network

Register this unit to a MusicCast network.
At the same time, configure the network connection settings for this unit.

Note

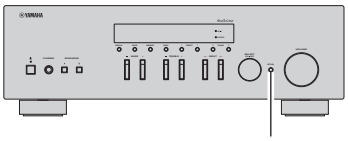
When connecting to a wireless network, have the SSID and the security key for the wireless LAN router (access point) on hand.

1 Start the "MusicCast CONTROLLER" app, and tap "SETUP".

Note

When configuring the settings on each subsequent device that supports MusicCast, tap "Register New Device" in the app's "⚙".

2 Following the instructions on the screen of your mobile device, use the "MusicCast CONTROLLER" and press the CONNECT button on the front of this unit's panel for five seconds.



3 Following the instructions on the screen of your mobile device, use the "MusicCast CONTROLLER" to configure the network settings.

This completes the network settings for registering the device to the MusicCast network.
Use "MusicCast CONTROLLER" to play back music.

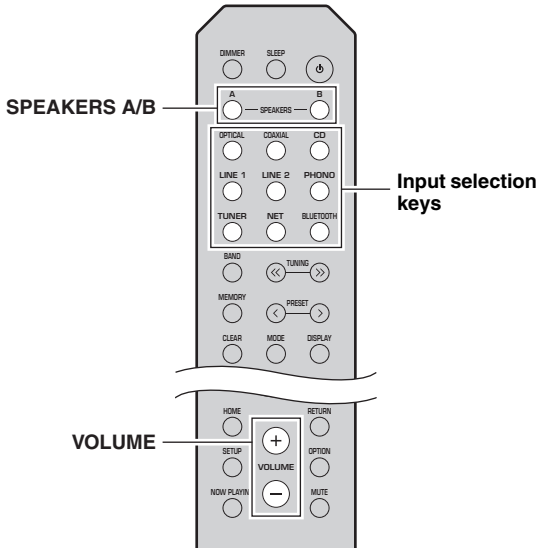
Note

AirPlay and DSD sound cannot be transmitted. Music can only be played back from this unit.

BASIC OPERATION

Playback

Playing a source



1 Press one of the input selection keys to select the input source you want to listen to.

2 Press SPEAKERS A and/or SPEAKERS B to select speakers A and/or speakers B.

The selected speakers will be enabled, and you can confirm which speakers are selected on the front display (p. 6).

Note

- When one set of speakers is connected using bi-wire connections, or when using two sets of speakers simultaneously (A and B), make sure "SP A" and "SP B" are displayed on the front display.
- When listening with headphones, turn off the speakers.

3 Play the source.

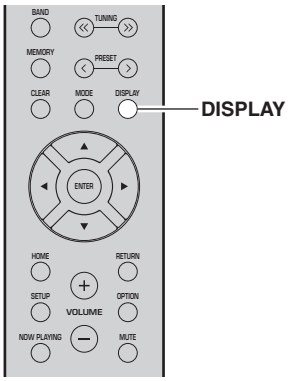
4 Press VOLUME +/– to adjust the sound output level.

Note

- You can adjust the tonal quality by using the BASS +/– and TREBLE +/– on the front panel (p. 5).
- You can also adjust the speaker balance by using the "Balance" option in the "SETUP" menu (p. 41).

Switching information on the front display

When you select a network source or *Bluetooth* as the input source, you can switch playback information on the front display.



1 Press DISPLAY.

Each time you press the key, the displayed item changes.

About 3 seconds later, the corresponding information for the displayed item appears.

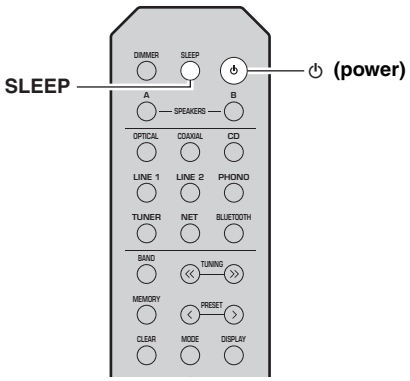
Input source	Item
Bluetooth	Track (song title), Artist (artist name), Album (album name)
Server **AirPlay**	Track (song title), Artist (artist name), Album (album name), Time (elapsed time)
Net Radio	Track (song title), Album (album name), Time (elapsed time), Station (station name)

Note

"_" (underscore) will be displayed for characters not supported by the unit.

Using the sleep timer

Use this feature to automatically set this unit to standby mode after a certain amount of time. The sleep timer is useful when you are going to sleep while this unit is playing.



Note

The sleep timer can only be set with the remote control.

1 Press SLEEP repeatedly to set the amount of time before this unit is set to standby mode.

Each time you press SLEEP, the front display changes as shown below.

Sleep 120 min. → Sleep 90 min. → Sleep 60 min. → Sleep 30 min. → Sleep Off →

The SLEEP indicator blinks while setting the amount of time for the sleep timer.

If the sleep timer is set, the SLEEP indicator on the front display lights up.

Note

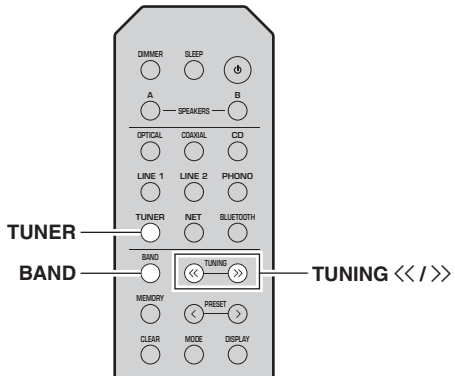
- To disable the sleep timer, select “Sleep Off”.
- The sleep timer setting can also be canceled by pressing ⏻ (power) to set this unit to standby mode.

Listening to FM/AM radio

Note

The R-N303D does not include an AM tuner.

FM/AM tuning



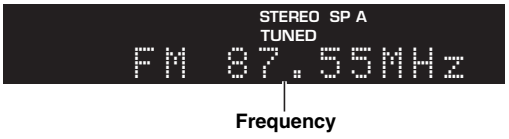
1 Press TUNER to select "TUNER" as the input source.

2 Press BAND repeatedly to select the reception band (FM or AM).

3 Press TUNING 《 / 》 to set a frequency.

To search stations automatically, press and hold TUNING 《 / 》 for a second.

If a broadcast is being received, the "TUNED" indicator on the front display will light up. If a stereo broadcast is being received, the "STEREO" indicator will also light up.

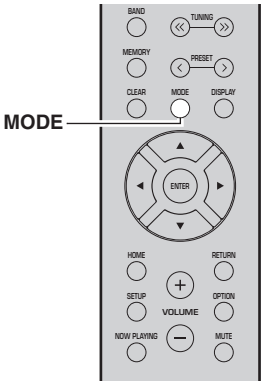


Note

- If the station signals are weak, tuning search does not stop at the desired station.
- When the signal reception for an FM radio station is unstable, switching to monaural may improve it.

Improving FM reception (FM mode)

If the signal from the station is weak and the sound quality is not good, set the FM band reception mode to monaural mode to improve reception.



1 Press MODE repeatedly to select "Stereo" (automatic stereo mode) or "Mono" (monaural mode) when this unit is tuned in to an FM radio station.

When Mono is selected, FM broadcasts will be heard in monaural sound.

Note

The STEREO indicator on the front panel lights up while listening to a station in stereo mode (p. 6).

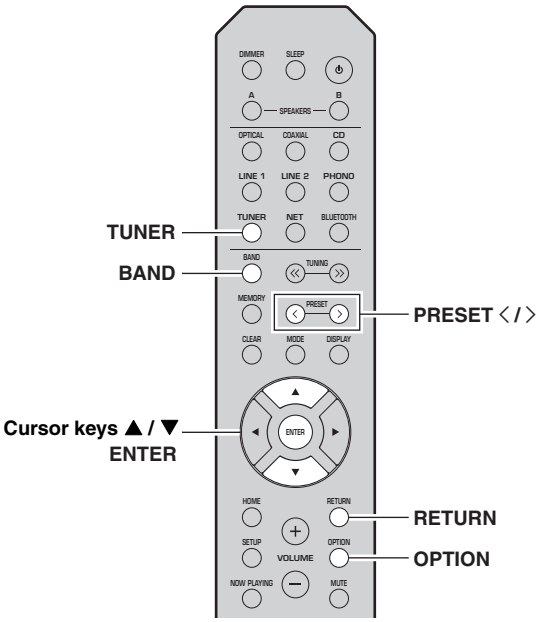
Using preset functions

You can register up to 40 radio stations as presets. Once you have registered stations, you can easily tune in to them by recalling the presets. You can automatically register FM stations that have strong signals. If the FM stations you want to store have weak signals, you can register them manually (p. 23).

Registering radio stations automatically (FM station only)

Note

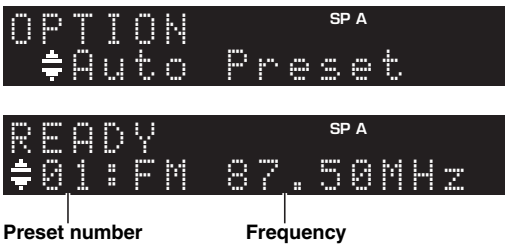
- When you register radio stations automatically, radio stations currently registered to preset numbers may be overwritten.
- If the station you want to register is weak in signal strength, try using the manual preset tuning method.
- Only for U.K. and Europe models:
  Only Radio Data System broadcasting stations can be preset automatically.
- FM stations registered as presets using the automatic preset registration feature will be heard in stereo.



1 Press TUNER to select "TUNER" as the input source.

2 Press OPTION on the remote control.
The "OPTION" menu is displayed (p. 37).

3 Use the cursor keys (▲ / ▼) to select "Auto Preset", and then press ENTER.



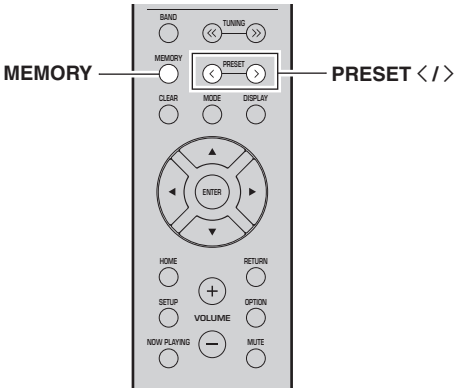
This unit starts scanning the FM band about 5 seconds later from the lowest frequency upwards. To begin scanning immediately, press ENTER.

Note

- Before scanning begins, you can specify the first preset number to be used by pressing PRESET ⟨ / ⟩ or cursor keys (▲/▼) on the remote control.
- To cancel scanning, press RETURN.

When scanning is complete, "FINISH" is displayed and then the display returns to original state.

Registering a radio station manually



1 Tune in to the desired radio station.
See "FM/AM tuning" (p. 22).

2 Press MEMORY.

Note

By holding down MEMORY for more than 3 seconds, you can skip the following steps and automatically register the selected station to an empty preset number (i.e., the preset number following the last preset number used).

3 Press PRESET ⟨ / ⟩ to select the preset number to which the station will be registered.
When you select a preset number to which no station is registered, the message "Empty" is displayed.

"Empty" (not in use) or the frequency currently registered.

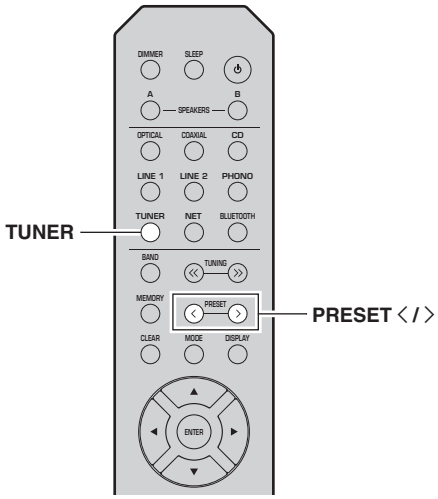
4 Press MEMORY.
When registration is complete, the display returns to the original state.

Note

To cancel registration, press RETURN or do not perform any operations for about 30 seconds.

■ Recalling a preset station

You can recall preset stations that you registered using either an automatic station preset or manual station preset.



1 Press TUNER to select “TUNER” as the input source.

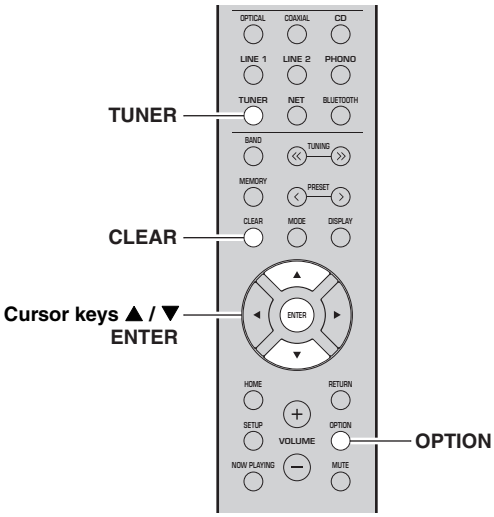
2 Press PRESET ＜/＞ to select a preset number.

Note

- Preset numbers to which no stations are registered are skipped.
- “No Presets” is displayed if no stations are registered.

■ Clearing a preset station

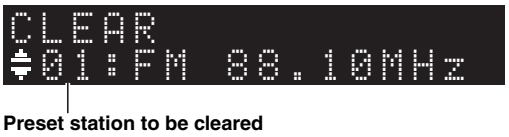
You can clear radio stations that are registered to the preset numbers.



1 Press TUNER to select “TUNER” as the input source.

2 Press OPTION.

3 Use the cursor keys (▲/▼) to select “Clear Preset” and press ENTER.



Preset station to be cleared

4 Use the cursor keys (▲/▼) to select a preset station to be cleared and press ENTER.

If the preset station is cleared, “Cleared” appears and then the next in-use preset number is displayed.

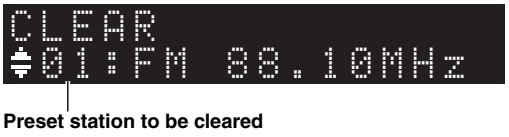
5 Repeat Step 4 until all desired preset stations are cleared.

6 To exit from the “OPTION” menu, press OPTION.

You can also use the following steps to cancel registration of a station.

1 Press TUNER to select “TUNER” as the input source.

2 Press CLEAR.



Preset station to be cleared

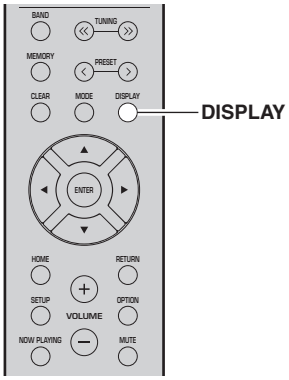
3 Use the PRESET ＜/＞ to select a preset station to be cleared and press CLEAR.

If the preset station is cleared, “Cleared” appears.

Radio Data System tuning (Only for U.K. and Europe models)

Radio Data System is a data transmission system used by FM stations in many countries. The unit can receive various types of Radio Data System data, such as “Program Service”, “Program Type,” “Radio Text” and “Clock Time”, when it is tuned into a Radio Data System broadcasting station.

Displaying Radio Data System information



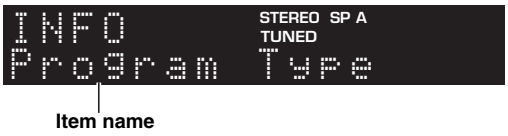
1 Tune in to the desired Radio Data System broadcasting station.

Note

We recommend that you first register radio stations automatically (p. 22) before tuning in to Radio Data System broadcasting stations.

2 Press DISPLAY.

Each time you press the key, the displayed item changes.



About 3 seconds later, the corresponding information for the displayed item appears.

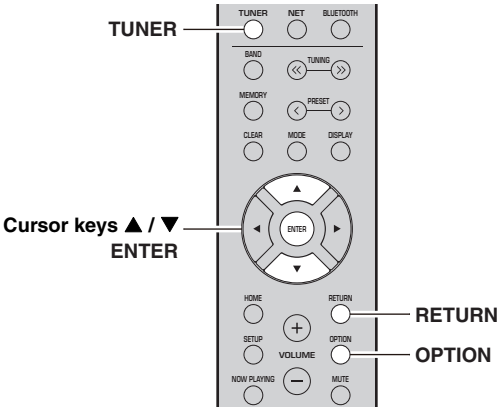
Program Service	Program service name
Program Type	Current program type
Radio Text	Information on the current program
Clock Time	Current time
Frequency	Frequency

Note

“Program Service”, “Program Type”, “Radio Text”, and “Clock Time” are not displayed if the radio station does not provide the Radio Data System service.

Receiving traffic information automatically (R-N303 only)

When “TUNER” is selected as the input source, the unit automatically receives traffic information. To enable this function, follow the procedure below to set the traffic information station.



1 When “TUNER” is selected as the input source, press OPTION.

2 Use the cursor keys (▲ / ▼) to select “TrafficProgram” and press ENTER.

The traffic information station search will start in 5 seconds. Press ENTER again to start the search immediately.

Note

- To search upward/downward from the current frequency, press the cursor keys (▲/▼) while “READY” is displayed.
- To cancel the search, press RETURN.
- Texts in parentheses denote indicators on the front display.

The following screen appears for about 3 seconds when the search finishes.

Note

“TP Not Found” appears for about 3 seconds when no traffic information stations are found.

Listening to DAB radio (R-N303D)

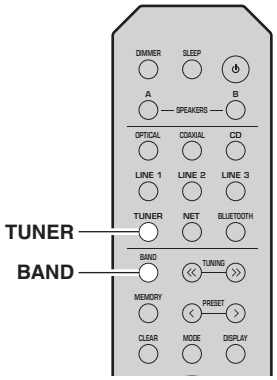
DAB (Digital Audio Broadcasting) uses digital signals for clearer sound and more stable reception compared to analog signals. This unit can also receive DAB+ (an upgraded version of DAB) that allows for more stations using MPEG-4 audio codec (AAC+), which has a more efficient transmission method.

Note

This unit supports Band III (174 to 240 MHz) only.

Preparing the DAB tuning

Before tuning in to DAB stations, an initial scan must be performed. When you select the DAB for the first time, the initial scan is performed automatically.
To listen to a DAB station, connect the antenna as described in "Connecting the DAB/FM antenna (R-N303D)" (p. 12).



1 Press TUNER to select "TUNER" as the input source.

2 Press BAND to select the DAB band.

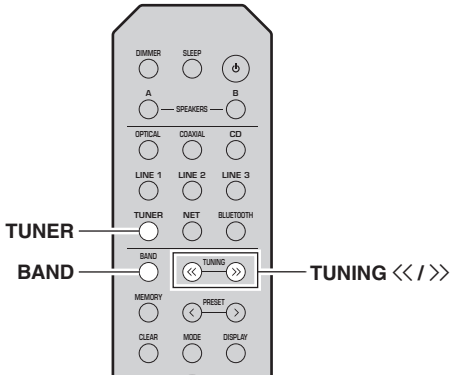
The initial scan starts. During the scan, the progress is displayed on the front panel display.
When the scan is complete, the top of the list of the scanned stations appears on the front panel display.

Note

- If no DAB radio stations are found by an initial scan, "Not Found" will appear on the front panel display, followed by "Off Air". Press BAND twice to re-select the DAB band and scan again.
- You can check reception strength of each DAB channel label (p. 29).
- To perform an initial scan again after some DAB radio stations are stored, select "Initiate Scan" (p. 37) in the "OPTION" menu. If you perform an initial scan again, the DAB radio stations currently registered to the preset numbers will be cleared.

Selecting a DAB radio station for reception

You can select a DAB radio station from the stations stored by the initial scan.



1 Press TUNER to select "TUNER" as the input source.

2 Press BAND to select the DAB band.

3 Press TUNING ≪ / ≫ to select a DAB radio station.

Note

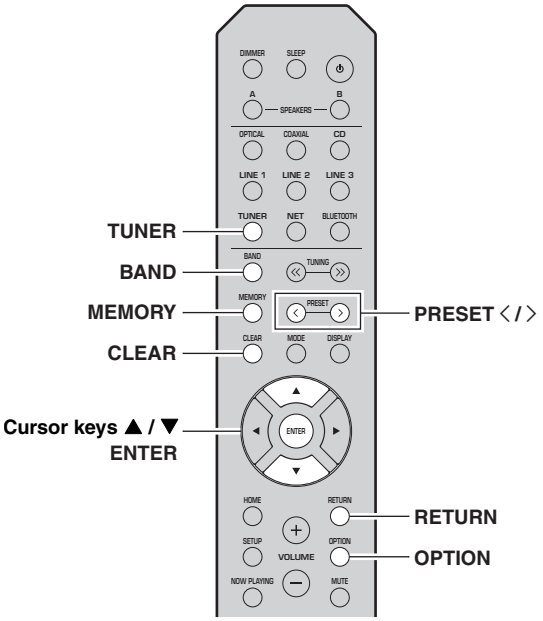
- "Off Air" appears when the selected DAB radio station is currently not available.
- When the unit is receiving a secondary station, "2" appears next to "DAB".

Using preset function

You can register up to 40 DAB radio stations as presets. Once you have registered stations, you can easily tune in to them by recalling the presets.

Note

You can register up to 40 favorite radio stations each for DAB and FM bands.



■ Registering a DAB radio station

Select a DAB radio station and register it to a preset number.

1 Tune in to the desired DAB radio station. See "Selecting a DAB radio station for reception" (p. 26).

2 Press MEMORY.

Note

By holding down MEMORY for more than 3 seconds, you can skip the following steps and automatically register the selected station to an empty preset number (i.e., the preset number following the last preset number used).

3 Press PRESET 〈 / 〉 to select the preset number to which the station will be registered.

When you select a preset number to which no station is registered, the message "Empty" is displayed. When you select a preset number to which a station has already been registered, the message "Overwrite?" is displayed.

"Empty" (not in use) or "Overwrite?" (in use)

4 Press MEMORY.

When registration is complete, the display returns to the original state.

Note

To cancel registration, press RETURN or do not perform any operations for about 30 seconds.

■ Recalling a preset station

Tune in to a registered DAB radio station by selecting its preset number.

1 Press TUNER to select "TUNER" as the input source.

2 Press BAND to select the DAB band.

3 Press PRESET 〈 / 〉 to select the desired DAB radio station.

Note

- Preset numbers to which no stations are registered are skipped.
- If this unit does not have any preset stations, "No Presets" is displayed.

■ Clearing preset DAB radio stations

Clear DAB radio stations registered to the preset numbers.

1. **Press TUNER to select "TUNER" as the input source.**
2. **Press BAND to select the DAB band.**
3. **Press OPTION to enter the "OPTION" menu.**
   The "OPTION" menu for TUNER is displayed (p. 37).
4. **Use the cursor keys (▲ / ▼) to select "Clear Preset", and then press ENTER.**
5. **Select the desired preset station number by using the cursor keys (▲ / ▼) repeatedly.**
   The selected preset number blinks on the front panel display.
6. **Press ENTER again to confirm.**
   "Cleared" is displayed on the front panel display. Then, another preset station is shown on the front panel display. When there is no more preset station, "No Presets" is displayed, and then the display returns to the "OPTION" menu.
   To return the display to the original state, press RETURN.

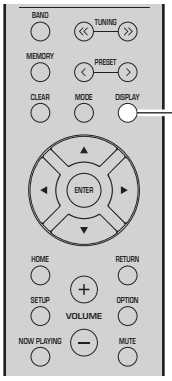
You can also use the following steps to cancel registration of a station.

1. **Press TUNER to select "TUNER" as the input source.**
2. **Press CLEAR.**
3. **Use the PRESET ＜ / ＞ to select a preset station to be cleared and press CLEAR.**

If the preset station is cleared, "Cleared" appears.

Displaying the DAB information

This unit can receive various types of DAB information when it is tuned in to a DAB radio station.



DISPLAY

1. **Press TUNER to select "TUNER" as the input source.**
2. **Tune in to the desired DAB radio station.**
3. **Press DISPLAY.**
   Each time you press the key, the displayed item changes.

Item name

The selected item followed by a short description appears, and then the corresponding information for that item appears.

Information

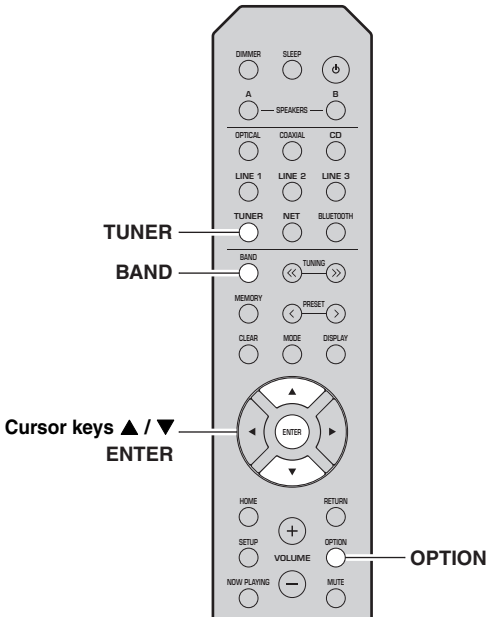
Choice	Description
Service Label	Station name
DLS (Dynamic Label Segment)	Information on the current station
Ensemble Label	Ensemble name
Program Type	Station genre
Date And Time	Current date and time
Audio Mode	Audio mode (monaural/stereo) and bit rate
CH Label/Freq.	Channel label and frequency
Signal Quality	Signal reception quality (0 [none] to 100 [best])

Note

Some information may not be available depending on the selected DAB radio station.

Checking reception strength of each DAB channel label

You can check reception strength of each DAB channel label (0 [none] to 100 [best]).



1. **Press TUNER to select "TUNER" as the input source.**
2. **Press BAND to select the DAB band.**
3. **Press OPTION to enter the "OPTION" menu.**
   The "OPTION" menu for TUNER is displayed (p. 37).
4. **Use the cursor keys (▲ / ▼) to select "Tune Aid", and then press ENTER.**
5. **Use the cursor keys (▲ / ▼) to select the desired DAB channel label.**

DAB frequency information

This unit supports Band III (174 to 240 MHz) only.

Frequency	Channel label	Frequency	Channel label
174.928 MHz	5A	208.064 MHz	9D
176.640 MHz	5B	209.936 MHz	10A
178.352 MHz	5C	211.648 MHz	10B
180.064 MHz	5D	213.360 MHz	10C
181.936 MHz	6A	215.072 MHz	10D
183.648 MHz	6B	216.928 MHz	11A
185.360 MHz	6C	218.640 MHz	11B
187.072 MHz	6D	220.352 MHz	11C
188.928 MHz	7A	222.064 MHz	11D
190.640 MHz	7B	223.936 MHz	12A
192.352 MHz	7C	225.648 MHz	12B
194.064 MHz	7D	227.360 MHz	12C
195.936 MHz	8A	229.072 MHz	12D
197.648 MHz	8B	230.784 MHz	13A
199.360 MHz	8C	232.496 MHz	13B
201.072 MHz	8D	234.208 MHz	13C
202.928 MHz	9A	235.776 MHz	13D
204.640 MHz	9B	237.488 MHz	13E
206.352 MHz	9C	239.200 MHz	13F

Playing back music via *Bluetooth*

You can play back music files stored on a *Bluetooth* device (such as mobile device) on the unit.
Please also refer to the owner's manual of your *Bluetooth* device.

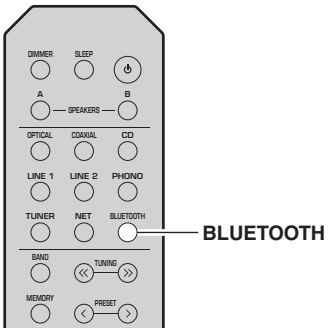
This unit — ***Bluetooth* device (such as mobile device)**

Note

- To use the *Bluetooth* function, set "Bluetooth" (p. 41) in the "SETUP" menu to "On".
- A *Bluetooth* device may not be detected by the unit or some feature may not be compatible, depending on the model.
- You can transmit audio to *Bluetooth* speakers or headphones using the MusicCast CONTROLLER app. The audio output can only be selected from the MusicCast CONTROLLER app.

Connecting a Bluetooth device (pairing)

Before you can connect a *Bluetooth* device to the unit for the first time, a pairing operation is required. Pairing is an operation that registers the *Bluetooth* devices with each other beforehand. Once pairing has been completed, subsequent reconnection will be easy even after the *Bluetooth* connection is disconnected.



1 Press BLUETOOTH to select "Bluetooth" as the input source.

If another *Bluetooth* device is already connected, disconnect the *Bluetooth* connection before you perform a pairing operation.

2 Turn on the *Bluetooth* function of the *Bluetooth* device.

3 On the *Bluetooth* device, select the unit's model name from the available device list.

After pairing has been completed and the unit is connected to the *Bluetooth* device, "Connected" appears on the front display, and *Bluetooth* indicator will light up.

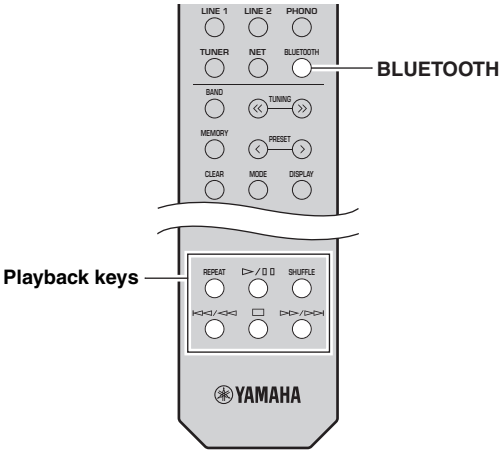
Note

- If the pass key is required, enter the number "0000".
- You can change the network device name of this unit that will be displayed when connecting Bluetooth devices, from "Network Name" (p. 41) on the settings menu.

Playing back Bluetooth device contents

Connect a paired *Bluetooth* device and start playback.
Check the following beforehand:

- Pairing has been completed.
- *Bluetooth* function on the *Bluetooth* device is turned on.



1 Press BLUETOOTH to select "Bluetooth" as the input source.

Note

If the unit detects the *Bluetooth* device previously connected, the unit automatically connects to the *Bluetooth* device after Step 1. To establish another *Bluetooth* connection, first disconnect the current *Bluetooth* connection.

2 Operate the *Bluetooth* device to establish a *Bluetooth* connection.

Select the unit's model name from the *Bluetooth* device list on your device.
When a connection is established, BLUETOOTH indicator on the front display will light up.

Note

If you cannot connect the *Bluetooth* device, please perform pairing again (p. 30).

3 Operate the *Bluetooth* device to play back music.

Note

You can use the playback keys on the remote control to control playback.

Disconnecting a Bluetooth connection

Follow one of the procedures below to disconnect a *Bluetooth* connection.

- Turn off the *Bluetooth* function on the *Bluetooth* device.
- Hold down BLUETOOTH on the remote control for at least 3 seconds.
- Set the input on this unit to anything except for "*Bluetooth*".

Bluetooth

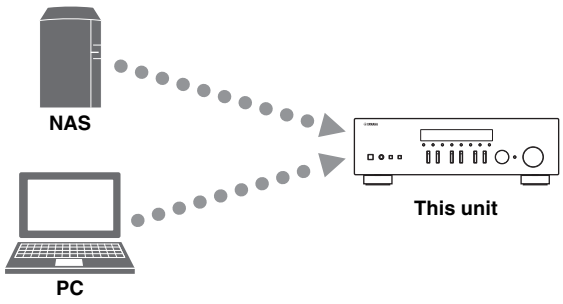
- *Bluetooth* is a technology for wireless communication between devices within an area of about 10 meters (33 ft) employing the 2.4 GHz frequency band, a band which can be used without a license.

Handling *Bluetooth* communications

- The 2.4 GHz band used by *Bluetooth* compatible devices is a radio band shared by many types of equipment. While *Bluetooth* compatible devices use a technology minimizing the influence of other components using the same radio band, such influence may reduce the speed or distance of communications and in some cases interrupt communications.
- The speed of signal transfer and the distance at which communication is possible differs according to the distance between the communicating devices, the presence of obstacles, radio wave conditions and the type of equipment.
- Yamaha does not guarantee all wireless connections between this unit and devices compatible with *Bluetooth* function.

Playing back music stored on media servers (PCs/NAS)

You can play back music files stored on your PC or DLNA-compatible NAS on the unit.



Note

- To use this function, the unit and your PC/NAS must be connected to the same router (p. 13). You can check whether the network parameters (such as the IP address) are properly assigned to the unit in "Information" (p. 40) in the "SETUP" menu.
- To play back music files, the server software installed on the PC/NAS must support the music file formats that you want to play back.
- The audio may be interrupted while using the wireless network connection. In this case, use the wired network connection.
- You can connect up to 16 media servers to this unit.
- Refer to "Supported file formats" (p. 52) for information regarding supported file formats.

Setting the media sharing of music files

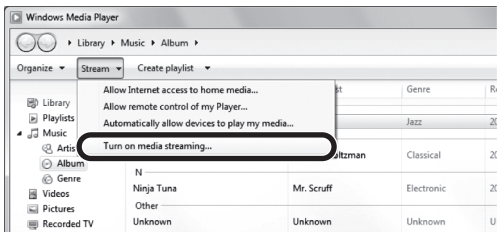
To play back music files in your computer with this unit, you need to make the media sharing setting between the unit and computer (Windows Media Player 12 or later). In here, setting with Windows Media Player in Windows 7 is taken as an example.

■ When using Windows Media Player 12

1 Start Windows Media Player 12 on your PC.

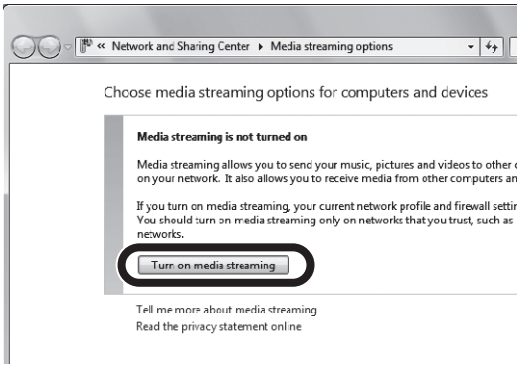
2 Select "Stream", then "Turn on media streaming...".

(Example of English version)

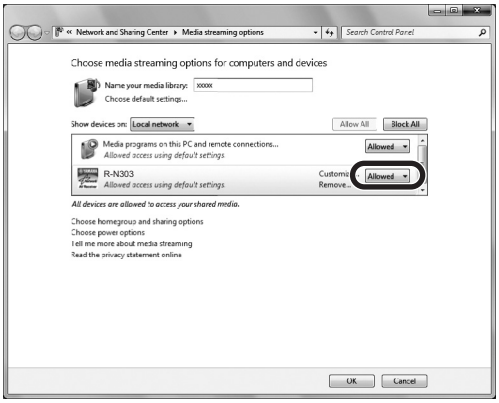


The control panel window of your PC appears.

3 Click "Turn on media streaming".



4 Select "Allowed" from the drop-down list next to the unit's model name.



5 As with Step 4, select "Allowed" from the drop-down list next to devices (PCs or mobile devices) which you want to use as the media controllers.

6 Click "OK" to exit.

■ When using a PC or a NAS with other DLNA server software installed

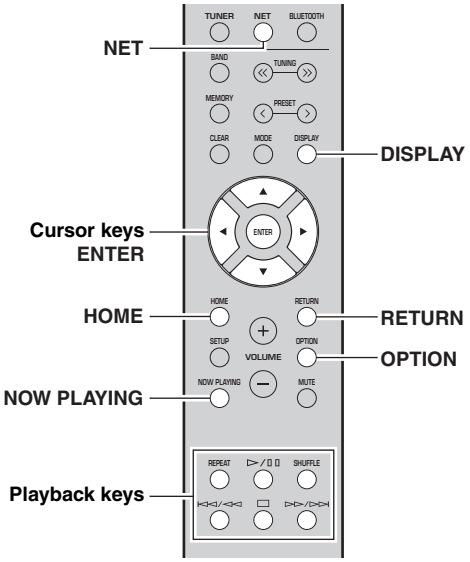
Refer to the instruction manual for the device or software and configure the media sharing settings.

Playback of PC music contents

Follow the procedure below to operate the PC music contents and start playback.

Note

"_" (underscore) will be displayed for characters not supported by the unit.



1 Press NET repeatedly to select "Server" as the input source.

2 Use the cursor keys (▲ / ▼) to select a music server and press ENTER.

3 Use the cursor keys to select an item and press ENTER.

If a song is selected, playback starts and the playback information is displayed.

Note

- If playback of a music file selected from the unit is ongoing on your PC, the playback information is displayed.
- You can register the current playback song as a preset (p. 36).
- If you press the DISPLAY repeatedly, you can switch the playback information on the front display (p. 20).

Use the following remote control keys to control playback.

Keys		Function
Cursor keys		Select a music file or folder.
ENTER		Starts playback if pressed while content is selected. Moves down one level if pressed while a folder is selected.
RETURN		Moves up one level.
Playback keys	▷/▯▯	Stops/resumes playback.
	□	Stops playback.
	⏮ / ◁◁	Skips forward/backward.
	▷▷ / ⏭	
HOME		Displays the root directory of the music server.
NOW PLAYING		Displays information about the song that is playing.

Note

You can also use a DLNA-compatible Digital Media Controller (DMC) to control playback. For details, see "DMC Control" (p. 40) in the "SETUP" menu.

■ Repeat/shuffle settings

You can configure the repeat/shuffle settings for the playback of PC music content.

1 When the input source is "Server," press REPEAT or SHUFFLE on the playback key repeatedly to select the playback method.

Playback keys	Setting	Function
REPEAT	Off	Turns off the repeat function.
	One	Plays back the current song repeatedly.
	All	Plays back all songs in the current album (folder) repeatedly.
SHUFFLE	Off	Turns off the shuffle function.
	On	Plays back songs in the current album (folder) in random order.

■ Automatic playback settings

Use these settings to choose whether to automatically play back music from your PC or from the server when turning on the unit or when switching between inputs.

1 Press OPTION.

2 Use the cursor keys (▲ / ▼) to select "Auto Playback", and press ENTER.

3 Turn Auto Playback ON or OFF using the cursor keys (◀ / ▶).

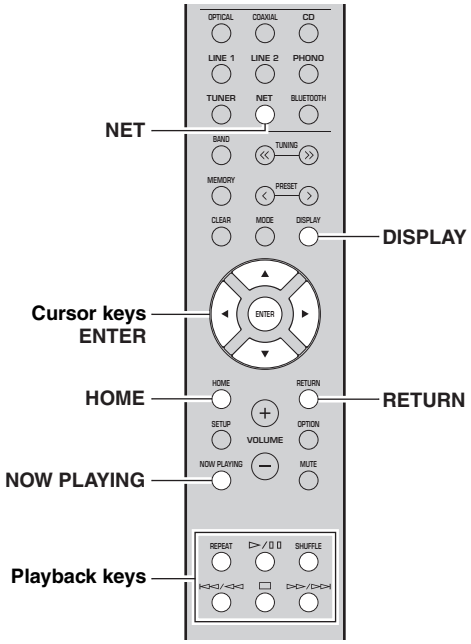
4 Press OPTION when you are finished.

Listening to Internet radio

You can listen to Internet radio stations from all over the world.

Note

- To use this function, the unit must be connected to the Internet (p. 13). You can check whether the network parameters (such as the IP address) are properly assigned to the unit in "Information" (p. 40) in the "SETUP" menu.
- You may not be able to receive some Internet radio stations.
- This unit uses the "airable.Radio" service. airable is a service of Tune In GmbH.
- This service may be discontinued without notice.
- Folder names may differ, depending on the language.



1 Press NET repeatedly to select "NetRadio" as the input source.

The station list appears on the front display.

2 Use the cursor keys to select an item and press ENTER.

If an Internet radio station is selected, playback starts and the playback information is displayed.

Use the following remote control keys to control playback.

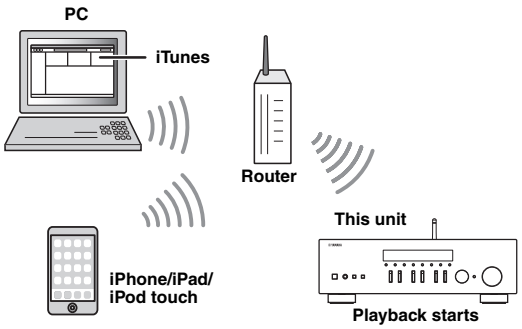
Keys		Function
Cursor keys		Select the Internet radio station or category such as the genre.
ENTER		Starts playback if pressed while an Internet radio station is selected. Moves down one level if pressed while a category is selected.
RETURN		Moves up one level.
Playback keys	□	Stops playback.
HOME		Displays the top categories if pressed during playback.
NOW PLAYING		Displays the playback information for the Internet radio station.

Note

- You can register the current playback station as a preset (p. 36).
- If you press the DISPLAY repeatedly, you can switch the playback information on the front display (p. 20).
- Some information may not be available depending on the station.

Playing back music with AirPlay

The AirPlay function allows you to play back iPhone/iPad/iPod touch/iTunes music on the unit via network.



Note

To use this function, the unit and your PC or iPhone must be connected to the same router (p. 13). You can check whether the network parameters (such as the IP address) are properly assigned to the unit in "Information" (p. 40) in the "SETUP" menu.

AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion or later, and PC with iTunes 10.2.2 or later.
(as of June 2017)

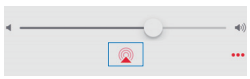
Playback of iTunes/iPhone music contents

Follow the procedure below to play back iTunes/iPhone music contents on the unit.

1 Turn on the unit, and start iTunes on the PC or display the playback screen on the iPhone.

If the iTunes/iPhone recognizes the unit, the AirPlay icon appears.

iOS 10 (example)



iTunes (example)

Note

If the icon does not appear, check whether the unit and PC/iPhone are connected to the router properly.

2 On the iTunes/iPhone, click (tap) the AirPlay icon and select the unit (network name of the unit) as the audio output device.

3 Select a song and start playback.

The unit automatically selects "AirPlay" as the input source and starts playback. The playback information is displayed on the front display.

Note

- If you press the DISPLAY repeatedly, you can switch the playback information on the front display (p. 20).
- You can turn on the unit automatically when starting playback on iTunes or iPhone by setting "Standby (Network Standby)" (p. 41) in the "SETUP" menu to "On" or "Auto".
- You can edit the network name (the unit's name on the network) displayed on iTunes/iPhone in "Network Name" (p. 41) in the "SETUP" menu.
- You can adjust the unit's volume from the iTunes/iPhone during playback.

⚠ CAUTION

Using iTunes or an iPhone to adjust the volume may make the volume unexpectedly loud, which could result in damage to your hearing or to the device. Stop playback immediately on iTunes or on your iPod if the playback volume is too loud. We recommend that you use the "Vol.Interlock (Volume interlock)" (p. 38) on the Option menu to limit the changes in volume from iTunes or your iPhone beforehand.

Use the following remote control keys to control playback.

Keys		Functions
Playback keys	▷/▯▯	Stops/resumes playback.
	□	Stops playback.
	⏮ / ◁◁	Skips forward/backward.
	▷▷ / ⏭	
	REPEAT	Changes the Repeat settings.
	SHUFFLE	Changes the Shuffle settings.

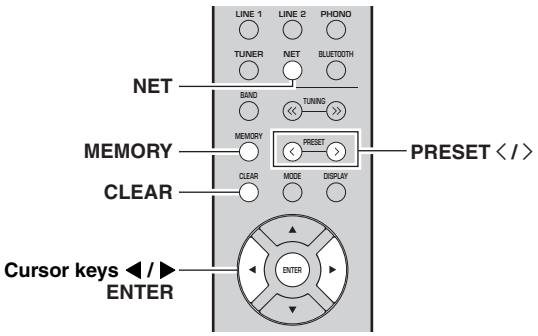
Registering the current playback song/station (Preset function)

When you select a network source as the input source, you can register the current playback song or streaming station as a preset. You can program up to 40 such presets. You can then easily recall any preset song/station by selecting its preset number.

The following input sources can be set as presets.
Server, Net Radio, *Bluetooth* and streaming services.

Note

- Only the input source will be registered for "Bluetooth". Individual songs cannot be registered.
- Using the MusicCast CONTROLLER app (p. 19) enables you to register contents (songs, radio broadcast stations) and listen to them.
- When you register music files stored on a PC/NAS, this unit memorizes the relative position of the music files in the folder. If you have added or deleted any music files to or from the folder, this unit may not recall the music file correctly. In such cases, register the items again.



Registering to a preset

1 Playback a song or streaming station you want to register.

2 Hold down MEMORY for more than 3 seconds.

The first time you register a song/station, you will be prompted to register the selected song/station to preset number "01". You will be also prompted to register each additional song/station you select to the next available preset number.

Note

To select a preset number for registering, press PRESET 〈 / 〉 or the cursor keys (◀/▶).

3 Press MEMORY again to register preset.

Note

To cancel registration, press RETURN.

Recalling a preset

1 Select NET or BLUETOOTH as the input source.

2 Press PRESET 〈 / 〉 to select a preset number.

3 Press ENTER to recall preset.

Note

- A few seconds after you select the preset number, playback of the selected preset will start.
- To cancel recalling preset, press RETURN.

Clearing a preset

1 Select NET or BLUETOOTH as the input source.

2 Press PRESET 〈 / 〉 to select a preset number.

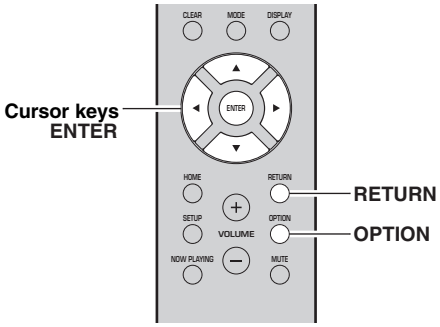
3 Press CLEAR to clear the preset.

If the preset station is cleared, "Empty" appears.

ADVANCED OPERATION

Configuring playback settings for different playback sources (OPTION menu)

You can configure separate playback settings for different playback sources. This menu allows you to easily configure settings during playback.



1 Press OPTION.

2 Use the cursor keys to select an item and press ENTER.

Note

To return to the previous state during menu operations, press RETURN.

3 Use the cursor keys (◀ / ▶) to select a setting.

4 To exit from the menu, press OPTION.

OPTION menu items

Note

Available items vary depending on the selected input source.

Item	Function	Page
Volume Trim	Corrects volume differences between input sources.	37
Signal Info.	Displays information about the audio signal.	38
Auto Preset	Automatically registers FM radio stations with strong signals as presets.	22
Clear Preset	Clear radio stations registered to preset numbers.	24, 28
Initiate Scan*1	Performs an initial scan for DAB radio reception.	26
Tune Aid*1	Checks reception strength of each DAB station.	29
TrafficProgram*2	Automatically searches for a traffic information station.	25
Vol.Interlock	Enables/Disables volume controls from iTunes/iPhone via AirPlay.	38
Auto Playback	Use these settings to choose whether to automatically play back music from your PC or from the server when turning on the unit or when switching between inputs.	33

*1 Only for R-N303D
*2 Only for R-N303 UK and Europe models

■ Volume Trim

Corrects volume differences between input sources. If you are bothered by volume differences when switching between input sources, use this function to correct it.

Note

This setting is applied separately to each input source.

Setting range

–10 to +10 (increments of 1)

Default

0

Signal Info.

Displays information about audio signal.

Choices

FORMAT	Audio format of the input signal
SAMPLING	The number of samples per second of the input digital signal

Note

To switch the information on the front display, press the cursor keys (▲/▼) repeatedly.

Vol.Interlock (Volume interlock)

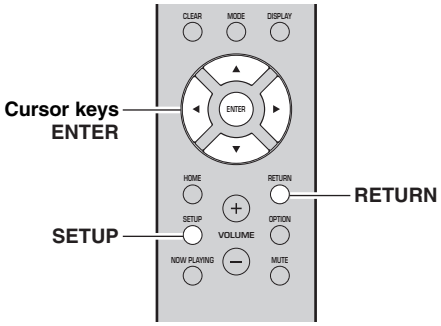
Enables/disables volume controls from iTunes/iPhone via AirPlay.

Settings

Off	Disables volume controls from iTunes/iPhone.
Ltd (default)	Enables volume controls from iTunes/iPhone within the limited range (1 to 60 and mute).
Full	Enables volume controls from iTunes/iPhone in the full range.

Configuring various functions (SETUP menu)

You can configure the unit's various functions.



1 **Press SETUP.**

2 **Use the cursor keys (▲ / ▼) to select and press ENTER.**

3 **Use the cursor keys (◀ / ▶) to select a setting and press ENTER.**

Note

To return to the previous state during menu operations, press RETURN.

4 **Exit from the menu, press SETUP.**

SETUP menu items

Menu item		Function	Page
Network	**Connection**	Selects the network connection method.	40
	Information	Displays the network information on the unit.	40
	IP Address	Configures the network parameters (such as IP address).	40
	DMC Control	Selects whether to allow a DLNA-compatible Digital Media Controller (DMC) to control playback.	40
	Standby (Network Standby)	Selects whether to enable/disable the function that turns on the unit from other network devices.	41
	Network Name	Edits the network name (the unit's name on the network) displayed on other network devices.	41
	Update (Network Update)	Updates the firmware via the Internet.	41
Bluetooth	**On/Off**	Enables/disables the *Bluetooth* functions.	41
	Standby (*Bluetooth* Standby)	Selects whether to enable/disable the function that turns on the unit from *Bluetooth* devices (*Bluetooth* standby).	41
Balance		Adjusts the sound output balance of the left and right speakers to compensate for sound imbalances.	41
Max Volume		Sets the maximum volume to prevent excessive loudness.	41
InitialVolume		Sets the initial volume for when this receiver is turned on.	42
AutoPowerStby (Auto Power Standby)		Enables/disables the auto-standby function.	42

Network

Configures the network settings.

■ Connection

Selects the network connection method.

Wired	Select this option when you want to connect the unit to a network with a commercially-available network cable (p. 13).
Wireless	Select this option when you want to connect the unit to a network via the wireless router or access point (p. 15, 16, 16).
W.Direct (Wireless Direct)	Select this option when you want to connect a mobile device to the unit directly. For details on settings, see "Connecting a mobile device to the unit directly (Wireless Direct)" (p. 17).

Note

If the unit is operating in MusicCast Extend mode, "Extend" will be displayed. For details on Extend mode, see the MusicCast Setup Guide on the Yamaha website.

■ Information

Displays the network information on the unit.

NEW FW	Appears if an update for this unit's firmware is available (p. 45).
STATUS	The connection status of the network.
MC NET	Status of the MusicCast Network. If "Ready" appears, you can use the MusicCast CONTROLLER app.
MAC	Displays MAC address of the unit. MAC address will vary depending on the connection method (wired LAN connection or wireless LAN / Wireless Direct connection).
SSID	(When using wireless LAN connection or Wireless Direct) The SSID of this unit on the wireless network.
IP	IP address
SUBNET	Subnet mask
GATEWAY	The IP address of the default gateway
DNS P	The IP address of the primary DNS server
DNS S	The IP address of the secondary DNS server

■ IP Address

Configures the network parameters (such as IP address).

DHCP

Select whether to use a DHCP server.

Off	Does not use a DHCP server. Configure the network parameters manually. For details, see "Manual network settings" below.
On (default)	Uses a DHCP server to automatically obtain the unit's network parameters (such as IP address).

Manual network settings

1 Set "DHCP" to "Off".

2 Use the cursor keys (▲ / ▼) to select a parameter type.

IP	Specifies an IP address.
SUBNET	Specifies a subnet mask.
GATEWAY	Specifies the IP address of the default gateway.
DNS P	Specifies the IP address of the primary DNS server.
DNS S	Specifies the IP address of the secondary DNS server.

3 Use the cursor keys (◀ / ▶) to select the edit position.

(Example: IP address setting)

Use the cursor keys (◀/▶) to switch between segments (Address1, Address2...) of the address.

4 Use the Cursor keys (▲ / ▼) to change a value.

5 To exit from the menu, press SETUP.

■ DMC Control

Selects whether to allow DLNA-compatible Digital Media Controller (DMC) to control playback.

Disable	Does not allow DMCs to control playback.
Enable (default)	Allows DMCs to control playback.

Note

A Digital Media Controller (DMC) is a device that can control other network devices through the network. When this function is enabled, you can control playback of the unit from DMCs (such as Windows Media Player 12) on the same network.

Standby (Network Standby)

Selects whether the unit can be turned on from other network devices (network standby).

Off	Disables the network standby function.
On	Enables the network standby function. (The unit consumes more power than when "Off" is selected.)
Auto (default)	Enables the network standby function. The unit enters power-saving mode eight hours after it is disconnected from the network.

With an advanced energy saving design, this product achieves a low power consumption of not more than two watts when in Network Standby mode.

Network Name

Edits the network name (the unit's name on the network) displayed on other network devices.

1 Select "Network Name".

For information on selecting a menu option, refer to the steps described on page 39.

R-N303 (example)

2 Press ENTER to enter the name edit display.

R-N303 (example)

3 Use the cursor keys (▲ / ▼) to select a character and (◀ / ▶) to move the edit position.

You can insert / delete a character, by pressing PRESET ❯ (insert) or PRESET ❮ (delete).

4 To confirm the new name, press ENTER.

5 To exit from the menu, press SETUP.

Update (Network Update)

Updates the firmware via the network.

Perform Update	Starts the process to update the unit's firmware. For details, see "Updating the unit's firmware" (p. 45).
Version	Displays the version of the firmware installed on the unit.
ID	Displays the system ID number.

Bluetooth

Configures the *Bluetooth* settings.

On/Off

Enables/disables the *Bluetooth* function (p. 30).

Off	Disables the *Bluetooth* function.
On (default)	Enables the *Bluetooth* function. Immediately after selecting the "On", output of the network source is paused.

Standby (*Bluetooth* Standby)

Selects whether to enable/disable the function that turns on the unit from *Bluetooth* devices (*Bluetooth* standby). If this function is set to "On", the unit automatically turns on when a connect operation is performed on the *Bluetooth* device.

Off	Disables the *Bluetooth* standby function.
On (default)	Enables the *Bluetooth* standby function. (The unit consumes more power than when "Off" is selected.)

Note

This setting is not available when "Standby (Network Standby)" (p. 41) is set to "Off".

Balance

Adjusting the sound output balance of the left and right speakers to compensate for sound imbalance caused by speaker locations or listening room condition.

Setting range

L+10 to R+10

Default

Center

Max Volume

Sets the maximum volume to prevent excessive loudness.

Setting range

1 to 99 (1step increments), Max

Default

Max

InitialVolume

Sets the initial volume when the receiver is turned on.

Setting range

Off, Mute, 1 to 99 (1step increments), Max

Default

Off

AutoPowerStby (Auto Power Standby)

Enables/disables the auto-standby function. If you do not operate the unit for the specified time, the unit will automatically go into standby mode.

Off	Does not set the unit to standby mode automatically.
On	Sets the unit to standby mode automatically. While NET or BLUETOOTH is selected as the input source, the unit will switch to standby mode if the selected source is not played back for 20 minutes. For all input sources, the unit will switch to standby mode if it is not operated for 8 hours.

Default

U.K. and Europe models: On
Other models: Off

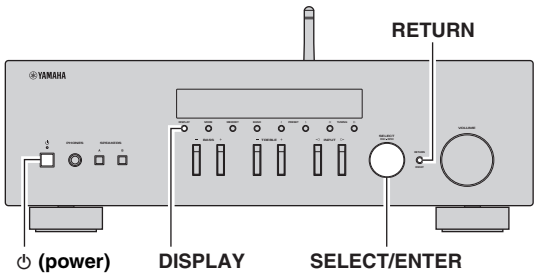
Note

Just before the unit enters standby mode, “AutoPowerStby” appears and then countdown starts in the front display.

Configuring the system settings (ADVANCED SETUP menu)

Configure the system settings of the unit while viewing the front display. The ADVANCED SETUP menu can be operated from the front panel.

1. **Press ⏻ (power) to turn off the unit.**
2. **While holding down RETURN on the front panel, press ⏻ (power).**



3. **Rotate SELECT/ENTER to select an item.**
4. **Press SELECT/ENTER to select a setting.**
5. **Press ⏻ (power) to set the unit to turn off and turn it on again.**
   The new settings take effect.

ADVANCED SETUP menu items

Item	Function	Page
VERSION	Checks the version of firmware currently installed on the unit.	43
REMOTE ID	Selects the unit's remote control ID.	43
TU*	Sets tuner frequency step.	43
INIT	Restores the default settings.	43
UPDATE	Updates the firmware.	44

* Only for Asia and General models

Checking the firmware version (VERSION)

Check the version of firmware currently installed on the unit.

Note

- You can also check the firmware version in "Update (Network Update)" (p. 41) in the "SETUP" menu.
- It may take a while until the firmware version is displayed.

Selecting the remote control ID (REMOTE ID)

This changes the remote control ID on the unit. Normally, this should be set to "ID1". When operating the unit using remote controllers included with certain Yamaha players, set this to "AUTO".

Settings

ID1 (default), AUTO

Setting tuner frequency step (TU)

Selects the step size for locating tuner frequencies. (Only for Asia and General models)

Settings

FM100/AM10, FM50/AM9 (default)

Restoring the default settings (INIT)

Restores the default settings for the unit.

Choices

CANCEL (default)	Does not perform an initialization.
NETWORK	Initializes all of the network and *Bluetooth* settings. If you initialize the unit, all presets for the network input sources (p. 36) will be cleared.
ALL	Restores the default settings for the unit.

Updating the firmware (UPDATE)

New firmware that provides additional features or product improvements will be released as needed. If the unit is connected to the Internet, you can download the firmware via the network. For details, refer to the information supplied with updates.

Firmware update procedure

Do not perform this procedure unless firmware update is necessary. Also, make sure you read the information supplied with updates before updating the firmware.

1 Press DISPLAY to start firmware update.

Note

You can also update the unit's firmware by following the procedure in "Updating the unit's firmware" (p. 45).

Updating the unit's firmware

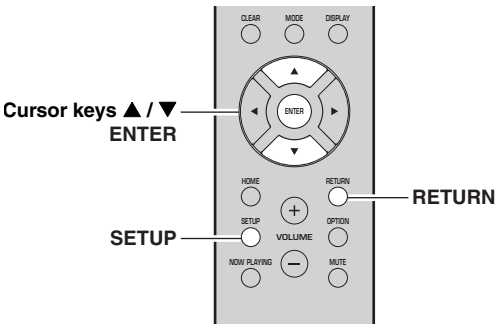
New firmware that provides additional features or product improvements will be released as needed. If the unit is connected to the Internet, you can download the firmware via the network and update it.

Notice

- Do not operate the unit or disconnect the power cord or network cable during firmware update. Firmware update takes about 5 minutes or more (depending on your Internet connection speed).
- If the unit is connected to the wireless network via a wireless network adapter, network update may not be possible depending on the condition of the wireless connection.

Note

Updates can also be performed from the ADVANCED SETUP menu (p. 44).



1 Press SETUP.

2 Use the cursor keys (▲ / ▼) to select "Network" and press ENTER.

3 Use the cursor keys (▲ / ▼) to select "Information" and press ENTER.

If new firmware is available, "NEW FW Available" appears on the front display.

4 Press RETURN to return the previous state.

5 Use the cursor keys (▲ / ▼) to select "Update" and press ENTER.

6 To start the firmware update, press ENTER.

The unit restarts and the firmware update starts.

Note

To cancel the operation without updating the firmware, press SETUP.

7 If "UPDATE SUCCESS" appears on the front display, press ⏻ (power) on the front panel.

The firmware update is complete.

■ Notification of new firmware update

When new firmware is available, "NEW FW Update" will be displayed for a short period of time when the unit is turned on.

To update the unit's firmware, press ENTER (as described in Step 6 above) while this notification is displayed. If "UPDATE SUCCESS" appears on the front display, press ⏻ (power) on the front panel.

ADDITIONAL INFORMATION

Troubleshooting

Refer to the chart below if this unit does not function properly. If the problem you are experiencing is not listed below or if the instructions below do not help, set this unit to standby mode, disconnect the power cord, and contact the nearest authorized Yamaha dealer or service center.

General

Problem	Possible cause	Remedy	See page
The power does not turn on.	The protection circuitry has been activated three times consecutively. If the unit is in this state, the STANDBY/ON indicator on the unit will blink when you try to turn on the power.	As a safety precaution, capability to turn on the power is disabled. Contact your nearest Yamaha dealer or service center to request repair.	—
	The power cord is not connected or the plug is not completely inserted.	Connect the power cord firmly.	—
	The protection circuitry has been activated because of a short circuit, etc.	Check that the speaker wires are not touching each other and then turn the power of this unit back on.	10
	The internal microcomputer has frozen, due to an external electric shock (such as lightning or excessive static electricity) or to a drop in the power supply voltage.	Turn off the power and turn it on again after at least 15 seconds elapse. (If the problem persists, disconnect the power cord from the AC wall outlet and plug it again.)	—
The power does not turn off.	The internal microcomputer has frozen, due to an external electric shock (such as lightning or excessive static electricity) or to a drop in the power supply voltage.	Turn off the power and turn it on again after at least 15 seconds elapse. (If the problem persists, disconnect the power cord from the AC wall outlet and plug it again.)	—
No sound.	Incorrect input or output cable connections.	Connect the cables properly. If the problem persists, the cables may be defective.	10
	No appropriate input source has been selected.	Select an appropriate input source with the INPUT ◁ / ▷ on the front panel (or one of the input selection key on the remote control).	20
	A pair of headphones is connected to the PHONES jack.	Unplug the headphones from the PHONES jack.	5
	The SPEAKERS A/B switches are not set properly.	Turn on the corresponding SPEAKERS A or SPEAKERS B.	20
	Speaker connections are not secure.	Secure the connections.	10
	Output has been muted.	Turn off the mute.	9
	The Max volume or Initial volume setting is set too low.	Check the settings for “Max Volume” and “Initial Volume” in the “SETUP” menu.	41
	The component corresponding to the selected input source is turned off or is not playing.	Turn the component on and make sure it is playing.	—
	The audio output of a device connected to a digital audio input (COAXIAL/ OPTICAL jacks) is set to other than PCM.	Set the audio output of the connected device to PCM.	—

Problem	Possible cause	Remedy	See page
The sound suddenly goes off.	The protection circuitry has been activated because of a short circuit, etc.	Set the speaker impedance to match your speakers.	11
		Check that the speaker wires are not touching each other and then turn the power of this unit back on.	11
	This unit has become too hot.	Make sure the openings on the top panel are not blocked.	—
	The auto power standby function has turned this unit off.	Change the auto power standby ("AutoPowerStby" in the "SETUP" menu) to turn off.	42
Only the speaker on one side can be heard.	Incorrect cable connections.	Connect the cables properly. If the problem persists, the cables may be defective.	10
	Incorrect setting for the speaker balance.	Set the speaker balance ("Balance" in the "SETUP" menu) to the appropriate setting.	41
There is a lack of bass and no ambience.	The + and – wires are connected in reverse at the amplifier or the speakers.	Connect the speaker wires to the correct + and – phase.	11
A "humming" sound can be heard.	Incorrect cable connections.	Connect the audio plugs firmly. If the problem persists, the cables may be defective.	11
The sound is degraded when listening with the headphones connected to the CD player or the tape deck connected to this unit.	The power of this unit is turned off, or this unit is set to standby mode.	Turn on the power of this unit.	—

Remote control

Problem	Possible cause	Remedy	See page
The remote control does not work nor function properly.	Wrong distance or angle.	The remote control will function within a maximum range of 6 m (20 ft) and no more than 30 degrees off-axis from the front panel.	9
	Direct sunlight or lighting (from an inverter type of fluorescent lamp, etc.) is striking the remote control sensor of this unit.	Reposition this unit.	—
	The batteries are weak.	Replace all batteries.	9

FM reception

Problem	Possible cause	Remedy	See page
The FM radio reception strength is poor, and noise can be heard.	The unit is receiving radio interference, such as multipath reflections.	Change the FM antenna height, direction, or place of installation.	12
	The unit is receiving in a region located far away from the radio station.	Press the MODE button repeatedly on the remote control (or on the front panel) to set "FM Mode" to "Mono".	22
		Use a commercially-available outdoor antenna.	12
The radio station cannot be automatically selected.	The FM radio signal is weak.	Use a commercially-available outdoor antenna.	12
		Select the station manually.	22

AM reception (R-N303)

Problem	Possible cause	Remedy	See page
The AM radio reception strength is poor, and noise can be heard.	The unit is picking up noise from sources such as a fluorescent light or a motor.	In some environments, it may be difficult to completely eliminate noise. However, using a commercially-available outdoor antenna may help to reduce noise.	12
The radio station cannot be automatically selected.	The AM radio signal is weak.	Change the direction of the AM antenna.	12
		Select the station manually.	22
		Use a commercially-available outdoor antenna. Connect the supplied AM antenna to the ANTENNA(AM) jack.	12
AM radio stations cannot be registered (preset).	The stations may have been registered automatically (Auto Preset).	Auto presets can be used with FM radio stations only. AM radio stations must be manually registered.	23

DAB reception (R-N303D)

Problem	Possible cause	Remedy	See page
Cannot tune into any DAB stations.	The initial scan operations were not performed.	Perform the initial scan operations.	26
	There is no DAB coverage in your area.	Check with your dealer or WorldDMB Online at “http://www.worlddab.org” for a listing of the DAB coverage in your area.	—
	The DAB signals are too weak.	Change the height, direction, or placement of the antenna.	12
The initial scan operations are not successful and “Not Found” appears on the front panel display.	The DAB signals are too weak.		
	There is no DAB coverage in your area.	Check with your dealer or WorldDMB Online at “http://www.worlddab.org” for a listing of the DAB coverage in your area.	—
The DAB station reception is weak.	The DAB signals are too weak.	Change the height, direction, or placement of the antenna.	12
There is noise interference (e.g. hiss, crackle, or jitter).	The antenna needs to be repositioned.		
	The DAB signals are too weak.		
The DAB station information does not appear or is inaccurate.	The DAB station may be temporarily out of service, or the DAB station information is not provided by the DAB broadcaster.	Contact the DAB broadcaster.	—

Bluetooth

Problem	Possible cause	Remedy	See page
The unit cannot connect to a *Bluetooth* device.	The "*Bluetooth*" setting in the settings menu is "Off".	Set the "*Bluetooth*" setting in the settings menu to "On".	41
	The unit is connected to a different *Bluetooth* device.	Unpair the *Bluetooth* device that is currently connected, and pair with the desired *Bluetooth* device.	30
	The unit is too far away from the *Bluetooth* device.	Move the *Bluetooth* device closer to this unit.	—
	A device emitting electromagnetic waves (such as a microwave oven, a wireless device and so on) are located nearby.	Do not use this unit near devices that emit electromagnetic waves.	—
	The *Bluetooth* device you are using does not support the A2DP protocol.	Use a *Bluetooth* device that supports the A2DP protocol.	52
	The connection profile registered in the *Bluetooth* device is not functioning correctly for some reason.	Delete the connection profile in the *Bluetooth* device, and then connect the *Bluetooth* device to this unit.	30
	The passkey on the *Bluetooth* adapter or other device is set to a code besides "0000".	Use a *Bluetooth* device on which the passkey is set to "0000".	—
No sound can be heard, or the sound cuts off intermittently.	The volume on the *Bluetooth* device is too low.	Raise the volume on the *Bluetooth* device.	—
	The sound output on the *Bluetooth* device is not set to this unit.	Select this unit as the output destination on the *Bluetooth* device.	30
	The connection to the *Bluetooth* device is cut off.	Connect with the *Bluetooth* device one more time.	30
	The unit is too far away from the *Bluetooth* device.	Move the *Bluetooth* device near this unit.	—
	A device emitting electromagnetic waves (such as a microwave oven, a wireless device and so on) is located nearby.	Do not use this unit near devices that emit electromagnetic waves.	—

Network

Problem	Possible cause	Remedy	See page
The network function cannot be used.	The network information (IP address) has not been properly acquired.	Enable the DHCP server function on the router. In the settings menu of this unit, set “DHCP” to “On". When manually setting network information without using a DHCP server, make sure that the IP address of this unit is different from that of other devices on the network.	40
The unit cannot connect to the Internet via wireless LAN router (access point).	The power on the wireless LAN router (access point) is off.	Turn on the power of the wireless LAN router (access point).	—
	The unit is too far from the wireless LAN router (access point).	Set up this unit closer to the wireless LAN router (access point).	—
	There is an object blocking the signal path between this unit and the wireless LAN router (access point).	Set up this unit so that there is a clear signal path between this unit and the wireless LAN router (access point).	—
A wireless network cannot be found.	A device emitting electromagnetic waves (such as a microwave oven, a wireless device and so on) may be located nearby.	When connecting wirelessly, do not use this unit near devices that emit electromagnetic waves.	—
	Access to the network is restricted, due to a firewall on the wireless LAN router (access point).	Check the firewall settings of the wireless LAN router (access point).	—
The computer (server) cannot be detected.	The media sharing settings on the computer (server) may be incorrect.	Change the media sharing settings so that this unit can access the folder on the computer (server).	32
	Access is restricted due to the security settings on the computer (server) or router.	Check the security settings on the computer (server) and router.	—
	This unit and the computer (server) are not connected to the same network.	Check the network and router settings, to make sure that they are connected to the same network.	—
The files on the computer (server) cannot be displayed (played back).	The file format may not be compatible with this unit or with the computer (server).	Use a file format that is compatible with this unit and with the computer (server). See “Devices and File Formats Supported” (p. 52) for a list of music files supported by this unit.	52
Internet radio cannot be played.	Service may be stopped on the currently selected radio station.	Data may not be able to be received from the radio station due to a network error, or service at the radio station itself may be paused. Try playing back again after a while, or select a different radio station.	—
	The currently selected radio station is broadcasting silence.	Some radio stations broadcast silence at some times of the day. During these times, even though the broadcast can be received, you will not hear anything. Try playing back again after a while, or select a different radio station.	—
	Access to the network is restricted due to the firewall settings on a network device, such as a router.	Check the firewall settings. Note that Internet radio can only be played back via the ports specified by the radio station in question. The port numbers may differ, depending on the radio station.	—
This unit cannot be detected when using AirPlay on an iPhone.	You may be using a router that supports multiple SSIDs.	The network separator function on the router may be preventing this unit from being accessed. When connecting to this unit with an iPhone, use an SSID on which this unit can be accessed (try connecting via the primary SSID).	—
The unit is not detected when using a dedicated application on a mobile device.	This unit and the mobile device are not connected to the same network.	Check the network and router settings, to make sure that they are connected to the same network.	—
	You may be using a router that supports multiple SSIDs.	The network separator function on the router may be preventing this unit from being accessed. When connecting to this unit with an iPhone, use an SSID on which this unit can be accessed (try connecting via the primary SSID).	—

Problem	Possible cause	Remedy	See page
The firmware on this unit failed to update via the network.	The network connection may not be good.	Try connecting again after a while.	—
The unit cannot connect to the Internet via wireless LAN router (access point).	MAC address filtering may have been enabled on the wireless LAN router (access point).	This unit cannot connect to the Internet while MAC address filtering is enabled on the access point. Change the settings on the wireless LAN router (access point) to allow this unit to connect.	—

Messages on the front display

Message	Possible cause	Remedy
Access denied	Access to the PC is denied.	Configure the sharing settings and select the unit as a device to which music contents are shared (p. 32).
Access error	There is a problem with the signal path from the network to the unit.	Make sure your router and modem are turned on.
		Check the connection between the unit and your router (or hub) (p. 13).
Check SP Wires	The speaker cables short circuit.	Twist the bare wires of the cables firmly and connect to the unit and speakers properly.
No content	There are no playable files in the selected folder.	Select a folder that contains files supported by the unit.
Please wait	The unit is preparing to connect to the network.	Wait until the message disappears. If the message stays more than 3 minutes, turn off the unit and turn it on again.
Unable to play	The unit cannot play back the songs stored on the PC for some reason.	Check if the format of files you are trying to play is supported by the unit. For information about the formats supported by the unit, see “Supported devices and file formats” below. If the unit supports the file format, but still cannot play back any files, the network may be overloaded with heavy traffic.
Version error	Firmware update via the Internet failed.	Update the firmware again.

Supported devices and file formats

The following devices and file formats can be used by thisunit.

Supported devices

Bluetooth® devices

- This unit supports the A2DP audio profile.
- This unit supports the AVRCP control profile.
- Not all *Bluetooth* devices are guaranteed to work with this unit.

AirPlay

AirPlay works with iPhone, iPad, and iPod touch (iOS 4.3.3 or later), Mac OS X Mountain Lion or later, and PCs with iTunes 10.2.2 or later.

Compatible devices

Made for:
iPhone 7 Plus, iPhone 7, iPhone SE, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s
iPad Pro (9.7" and 12.9"), iPad mini 4, iPad Air 2, iPad mini 3, iPad Air, iPad mini 2, iPad mini, iPad (3rd and 4th generation), iPad 2
iPod touch (5th and 6th generation)
(as of June 2017)

Supported file formats

PC (NAS)

File	Sampling frequency (kHz)	Quantization bitrate (bit)	Bitrate	Gapless playback
WAV *	32/44.1/48/88.2/96/176.4/192	16/24	—	✔
MP3	32/44.1/48	—	8 to 320	—
WMA	32/44.1/48	—	8 to 320	—
MPEG-4 AAC	32/44.1/48	—	8 to 320	—
FLAC	32/44.1/48/88.2/96/176.4/192	16/24	—	✔
ALAC	32/44.1/48/88.2/96	16/24	—	✔
AIFF	32/44.1/48/88.2/96/176.4/192	16/24	—	✔
DSD	2.8 MHz/5.6 MHz	1	—	—

* Linear PCM format only

Note

- To play back FLAC files stored on your PC/NAS, you need to install server software that supports sharing of FLAC files via DLNA on your PC or use a NAS that supports FLAC files.
- Digital Rights Management (DRM) contents cannot be played back.

Specifications

Network

- Input jack: NETWORK x 1 (100Base-TX/10Base-T)
- PC client function
- Compatible with DLNA ver. 1.5
- AirPlay supported
- Internet radio
- Streaming service
- Wi-Fi function
  - Capable of direct connection with mobile device
  - Available security method ..... WEP, WPA2-PSK (AES), Mixed Mode
  - Radio frequency band ..... 2.4 GHz
  - Radio Frequency (Operational Frequency) ..... 2412 MHz to 2472 MHz
  - Maximum Output Power (E.I.R.P) .....17.5 dBm (56.2 mW)
  - Wireless network standard ..... IEEE 802.11 b/g/n
  - Wi-Fi settings
    - WPS (Wifi Protected Setup) ..... Capable of WPS
    - Capable of sharing with iOS devices by wireless connection.

Bluetooth related function

- Version ..... *Bluetooth* 2.1 + EDR
- Frequency ..... 2.4 GHz
- Radio Frequency (Operational Frequency) ..... 2402 MHz to 2480 MHz
- Maximum Output Power (E.I.R.P) .....4.0 dBm (2.5 mW)
- Wireless Output .....*Bluetooth* Class 2
- Profiles
  - Source function
    - The unit → Sink Device (ex. *Bluetooth* Headphone)
    - Profile: A2DP version1.3, AVRCP version1.6
    - CODEC: SBC
  - Sink function
    - The unit ← Source device (ex. iPhone/Android)
    - Profile: A2DP Version1.3, AVRCP version1.6
    - CODEC: SBC, AAC

Audio

- Minimum RMS output power
  - (40 Hz to 20 kHz, 0.2% THD, 8Ω)
  - [North America, General, Korea, Australia, U.K. and Europe models] ..... 100 W + 100 W
  - [Asia model] ..... 85 W + 85 W
- Dynamic power per channel (IHF) (8/6/4/2Ω) ..... 125/150/165/180 W
- Maximum power per channel (1 kHz, 0.7% THD, 4Ω)
  - [U.K. and Europe models] ..... 115 W
- IEC power (1 kHz, 0.2% THD, 8Ω)
  - [U.K. and Europe models] ..... 110 W
- Damping factor (SPEAKERS A)
  - 1 kHz, 8Ω ..... 120 or more
- Maximum effective output power
  - (1 kHz, 10% THD, 8Ω)
  - [General model] ..... 140 W
  - [Asia model] ..... 125 W
- Input sensitivity/input impedance
  - CD, etc. .....500 mV/47 kΩ
- Maximum input signal
  - CD, etc. (1 kHz, 0.5% THD) .....2.2 V
- Output level/output impedance
  - CD, etc. (input 1 kHz, 500 mV)
    - LINE OUT ..... 500 mV/2.2 kΩ
    - PHONES (8Ω load) 470 mV/470Ω
- Frequency response
  - CD, etc. (20 Hz to 20 kHz) .....0 ± 0.5 dB
  - CD, etc. (10 Hz to 100 kHz) .....0 ± 3.0 dB
- Total harmonic distortion
  - CD, etc. to SPEAKERS OUT
    - (20 Hz to 20 kHz, 50 W, 8Ω) .....0.2% or less
- Signal to noise ratio (IHF-A)
  - CD, etc. (input shorted, 500 mV) ..... 100 dB or more
- Residual noise (IHF-A) ..... 70 µV
- Channel separation
  - CD, etc. (5.1 kΩ input shorted, 1 kHz/10 kHz) ..... 65/50 dB or more
- Tone control characteristics
  - BASS
    - Boost/cut (50 Hz) .....± 10 dB
  - TREBLE
    - Boost/cut (20 kHz) .....± 10 dB
- Digital input (OPTICAL/COAXIAL)
  - Support audio sample rate
  - ..... 32 kHz/44.1 kHz/48 kHz/88.2 kHz/96 kHz/176.4 kHz/192 kHz

FM

- Tuning range
  - [North America model] ..... 87.5 to 107.9 MHz
  - [General and Asia models] .....87.5 to 107.9 MHz/87.50 to 108.00 MHz
  - [Korea, Australia, U.K. and Europe models] ..... 87.50 to 108.00 MHz
- 50 dB quieting sensitivity (IHF-A, 1 kHz, 100% MOD.)
  - Mono .....3 µV (20.8 dBf)
- Signal to noise ratio (IHF-A)
  - Mono/stereo .....65 dB/64 dB
- Harmonic distortion (1 kHz)
  - Mono/stereo 0.5%/0.6%
- Antenna input ..... 75Ω unbalanced

AM (R-N303)

- Tuning range
  - [North America model] .....530 to 1710 kHz
  - [General and Asia models] .....530 to 1710 kHz/531 to 1611 kHz
  - [Korea and Europe models] .....531 to 1611 kHz

DAB (R-N303D)

- Tuning range .....174-240 MHz (Band III)
- Support audio format
  - .....MPEG 1 Layer II/MPEG 4 HE AAC v2 (AAC+ v2)
- Antenna input ..... 75Ω, unbalanced

General

- Power supply
  [North America model] ..... AC 120 V, 60 Hz
  [General model] ..... AC 110-120/220-240 V, 50/60 Hz
  [Korea model] ..... AC 220 V, 60 Hz
  [Australia model] ..... AC 240 V, 50 Hz
  [U.K. and Europe models] ..... AC 230 V, 50 Hz
  [Asia model] ..... AC 220-240 V, 50/60 Hz
- Power consumption
  [North America, General, Korea, Australia, U.K. and Europe models] ..... 200 W
  [Asia model] ..... 165 W
- Standby power consumption ..... 0.1 W
- Network Standby on
  Wired ..... 1.8 W
  Wireless (Wi-Fi/Wireless Direct/*Bluetooth*) ..... 1.9 W
- Dimensions (W × H × D) ..... 435 × 141 × 340 mm (17-1/8" × 5-1/2" × 13-3/8")
- Reference Dimensions (W × H × D) (with wireless antenna upright) ..... 435 × 202 × 340 mm (17-1/8" × 8" × 13-3/8")
  * Including legs and protrusions
- Weight ..... 7.2 kg (15.9 lbs)

* The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file.

Trademarks

Made for iPod iPhone iPad

AirPlay

Supports iOS 7 or later for setup using Wireless Accessory Configuration.
"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards.
Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
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Bluetooth protocol stack (Blue SDK)

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Explanations regarding GPL

This product utilizes GPL/LGPL open-source software in some sections. You have the right to obtain, duplicate, modify, and redistribute this open-source code only. For information on GPL/LGPL open source software, how to obtain it, and the GPL/LGPL license, refer to the Yamaha Corporation website (http://download.yamaha.com/sourcecodes/musiccast/).

MusicCast

MusicCast is a trademark or registered trademark of Yamaha Corporation.

Yamaha Eco-Label is a mark that certifies products of high environmental performance.

DAB Digital Audio Broadcasting

DAB+ Digital Audio Broadcasting

(For R-N303D)
The unit supports DAB/DAB+ tuning.

Explanations regarding GPL

This product utilizes GPL/LGPL open-source software in some sections. You have the right to obtain, duplicate, modify, and redistribute this open-source code only. For information on GPL/ LGPL open source software, how to obtain it, and the GPL/LGPL license, refer to the Yamaha Corporation website (http://download.yamaha.com/sourcecodes/musiccast/).

Index

A

ADVANCED SETUP menu ... 43
AirPlay ... 35
AM antenna connection ... 12
AM tuning ... 22
ANTENNA terminals ... 7
Audio device connection ... 10
Auto Preset, OPTION menu ... 37
AutoPowerStby (Auto Power Standby), SETUP menu ... 42

B

Balance, SETUP menu ... 41
Basic playback operation ... 20
batteries ... 9
Bi-wire connection ... 11
Bluetooth ... 30
Bluetooth, SETUP menu ... 41

C

CD jacks ... 7
CD player connection ... 10
Clear Preset, OPTION menu ... 37
Clock Time, Radio Data System ... 25
COAXIAL jack ... 7
Connectiion, Bluetooth device ... 30
Connection, Network, SETUP menu ... 40

D

DAB antenna connection ... 12
DAB tuning ... 26
DIMMER ... 8
DLNA ... 32
DMC Control, Network, SETUP menu ... 40
DVD player connection ... 10

F

Firmware update, ADVANCED SETUP menu ... 44
Firmware update, SETUP menu ... 45
Firmware version ... 43
FM antenna connection ... 12
FM tuning ... 22
Frequency, Radio Data System ... 25
Front display, controls and functions ... 6
Front display, message ... 51
Front panel, controls and functions ... 4

H

Headphones ... 5

I

Information display, DAB radio station ... 28
Information display, Radio Data System ... 25
Information switching ... 20
Information, Network, SETUP menu ... 40
INIT, ADVANCED SETUP menu ... 43
Initialize ... 43
InitialVolume, SETUP menu ... 42
Initiate Scan, OPTION menu ... 37
Internet radio ... 34
IP Address, Network, SETUP menu ... 40
iPod content playback, AirPlay ... 35
iTunes content playback, AirPlay ... 35

L

LINE jacks ... 7

M

Manual network settings ... 40
Manual wireless network connection setting ... 16
Max Volume, SETUP menu ... 41
Media sharing setup ... 32
Message, front display ... 51
MusicCast configuration ... 19

N

NAS connection ... 13
NAS content playback ... 32
Network Attached Storage connection ... 13
Network cable connection ... 13
Network connection ... 14
Network connection status ... 18
NETWORK jack ... 7
Network Name, Network, SETUP menu ... 41
Network, SETUP menu ... 40

O

On/Off, Bluetooth, SETUP menu ... 41
OPTICAL jack ... 7
OPTION menu ... 37

P

Pairing, Bluetooth device ... 30
PC connection ... 13
PCs content playback ... 32
PHONES jack ... 5
PHONO jacks ... 7
Playing back, Bluetooth device ... 30
Playing back, PCs/NAS content ... 32
Power cord connection ... 13
Preset, DAB radio station ... 27
Preset, FM/AM radio ... 22
Program Service, Radio Data System ... 25
Program Type, Radio Data System ... 25

R

Radio Data System, FM radio ... 25
Radio Text, Radio Data System ... 25
Rear panel, controls and functions ... 7
Remote control ID ... 43
Remote control, controls and functions ... 8
REMOTE ID, ADVANCED SETUP menu ... 43
Repeat playback, AirPlay ... 35
Repeat playback, PC music content ... 33

S

SETUP menu **39**
Shuffle playback, AirPlay **35**
Shuffle playback, PC music content **33**
Signal Info., OPTION menu **37**, **38**
Sleep timer **21**
Speaker connection **11**
SPEAKERS terminals **7**
Standby (Bluetooth Standby), Bluetooth, SETUP menu **41**
Standby (Network Standby), Network, SETUP menu **41**

T

TrafficProgram, OPTION menu **37**
TU, ADVANCED SETUP menu **43**
Tune Aid, OPTION menu **37**
Tuner frequency step **43**
Turntable connection **10**

U

Update (Network Update), Network, SETUP menu **41**
UPDATE, ADVANCED SETUP menu **44**

V

VERSION, ADVANCED SETUP menu **43**
Vol.Interlock (Volume interlock), OPTION menu **38**
Volume Trim, OPTION menu **37**

W

WAC **14**
Wireless Accessory Configuration **14**
Wireless antenna **7**
Wireless Direct **17**
WPS push button configuration **16**

Information for users on collection and disposal of old equipment and used batteries:

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.
For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation.

By disposing of these products and batteries 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 and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Cd

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:
These symbols are 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.

Note for the battery symbol (bottom two symbol examples):
This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the EU Battery Directive for the chemical involved.

EN English

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Yamaha Music Europe GmbH declares that the radio equipment type [R-N303, R-N303D] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
https://europe.yamaha.com/en/support/compliance/doc.html

FR French

DECLARATION UE DE CONFORMITE SIMPLIFIEE

Le soussigné, Yamaha Music Europe GmbH, déclare que l'équipement radioélectrique du type [R-N303, R-N303D] est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
https://europe.yamaha.com/en/support/compliance/doc.html

DE German

VEREINFACHTE EU-KONFORMITÄTSERKLÄRUNG

Hiermit erklärt Yamaha Music Europe GmbH, dass der Funkanlagentyp [R-N303, R-N303D] der Richtlinie 2014/53/EU entspricht.
Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
https://europe.yamaha.com/en/support/compliance/doc.html

SV Swedish

FÖRENKLAD EU-FÖRSÄKRAN OM ÖVERENSSTÄMMELSE

Härmed försäkrar Yamaha Music Europe GmbH att denna typ av radioutrustning [R-N303, R-N303D] överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
https://europe.yamaha.com/en/support/compliance/doc.html

IT Italian

DICHIARAZIONE DI CONFORMITÀ UE SEMPLIFICATA

Il fabbricante, Yamaha Music Europe GmbH, dichiara che il tipo di apparecchiatura radio [R-N303, R-N303D] è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
https://europe.yamaha.com/en/support/compliance/doc.html

ES Spanish

DECLARACIÓN UE DE CONFORMIDAD SIMPLIFICADA

Por la presente, Yamaha Music Europe GmbH declara que el tipo de equipo radioeléctrico [R-N303, R-N303D] es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
https://europe.yamaha.com/en/support/compliance/doc.html

NL Dutch

VEREENVOUDIGDE EU-CONFORMITEITSVERKLARING

Hierbij verklaar ik, Yamaha Music Europe GmbH, dat het type radioapparatuur [R-N303, R-N303D] conform is met Richtlijn 2014/53/EU.
De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
https://europe.yamaha.com/en/support/compliance/doc.html

BG Bulgarian

ОПРОСТЕНА ЕС ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ

С настоящото Yamaha Music Europe GmbH декларира, че този тип радиосъоръжение [R-N303, R-N303D] е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:
https://europe.yamaha.com/en/support/compliance/doc.html

CS Czech

ZJEDNODUŠENÉ EU PROHLÁŠENÍ O SHODĚ

Tímto Yamaha Music Europe GmbH prohlašuje, že typ rádiového zařízení [R-N303, R-N303D] je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
https://europe.yamaha.com/en/support/compliance/doc.html

DA Danish

FORENKLET EU-OVERENSSTEMMELSESERKLÆRING

Hermed erklærer Yamaha Music Europe GmbH, at radioudstyrstypen [R-N303, R-N303D] er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
https://europe.yamaha.com/en/support/compliance/doc.html

ET Estonian

LIHTSUSTATUD ELI VASTAVUSDEKLARATSIOON

Käesolevaga deklareerib Yamaha Music Europe GmbH, et käesolev raadioseadme tüüp [R-N303, R-N303D] vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
https://europe.yamaha.com/en/support/compliance/doc.html

EL Greek

ΑΠΛΟΥΣΤΕΥΜΕΝΗ ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ

Με την παρούσα ο/η Yamaha Music Europe GmbH, δηλώνει ότι ο ραδιοεξοπλισμός [R-N303, R-N303D] πληροί την οδηγία 2014/53/ΕΕ.
Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
https://europe.yamaha.com/en/support/compliance/doc.html

HR Croatian

POJEDNOSTAVLJENA EU IZJAVA O SUKLADNOSTI

Yamaha Music Europe GmbH ovime izjavljuje da je radijska oprema tipa [R-N303, R-N303D] u skladu s Direktivom 2014/53/EU.
Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
https://europe.yamaha.com/en/support/compliance/doc.html

LV Latvian

VIENKĀRŠOTA ES ATBILSTĪBAS DEKLARĀCIJA

Ar šo Yamaha Music Europe GmbH deklarē, ka radioiekārta [R-N303, R-N303D] atbilst Direktīvai 2014/53/ES.
Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
https://europe.yamaha.com/en/support/compliance/doc.html

LT Lithuanian

SUPAPRASTINTA ES ATITIKTIES DEKLARACIJA

Aš, Yamaha Music Europe GmbH, patvirtinu, kad radijo įrenginių tipas [R-N303, R-N303D] atitinka Direktyvą 2014/53/ES.
Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
https://europe.yamaha.com/en/support/compliance/doc.html

HU Hungarian

EGYSZERŰSÍTETT EU-MEGFELELŐSÉGI NYILATKOZAT

Yamaha Music Europe GmbH igazolja, hogy a [R-N303, R-N303D] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.
Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
https://europe.yamaha.com/en/support/compliance/doc.html

PL Polish

UPROSZCZONA DEKLARACJA ZGODNOŚCI UE

Yamaha Music Europe GmbH niniejszym oświadcza, że typ urządzenia radiowego [R-N303, R-N303D] jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
https://europe.yamaha.com/en/support/compliance/doc.html

PT Portuguese

DECLARAÇÃO UE DE CONFORMIDADE SIMPLIFICADA

O(a) abaixo assinado(a) Yamaha Music Europe GmbH declara que o presente tipo de equipamento de rádio [R-N303, R-N303D] está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
https://europe.yamaha.com/en/support/compliance/doc.html

RO Romanian

DECLARAȚIA UE DE CONFORMITATE SIMPLIFICATĂ

Prin prezenta, Yamaha Music Europe GmbH declară că tipul de echipamente radio [R-N303, R-N303D] este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
https://europe.yamaha.com/en/support/compliance/doc.html

SK Slovak

ZJEDNODUŠENÉ EÚ VYHLÁSENIE O ZHODE

Yamaha Music Europe GmbH týmto vyhlasuje, že rádiové zariadenie typu [R-N303, R-N303D] je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
https://europe.yamaha.com/en/support/compliance/doc.html

SL Slovenian

POENOSTAVLJENA IZJAVA EU O SKLADNOSTI

Yamaha Music Europe GmbH potrjuje, da je tip radijske opreme [R-N303, R-N303D] skladen z Direktivo 2014/53/EU.
Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
https://europe.yamaha.com/en/support/compliance/doc.html

FI Finnish

YKSINKERTAISTETTU EU-VAATIMUSTENMUKAISUUSVAKUUTUS

Yamaha Music Europe GmbH vakuuttaa, että radiolaitetyyppi [R-N303, R-N303D] on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
https://europe.yamaha.com/en/support/compliance/doc.html

TR Turkey

BASİTLEŞTİRİLMİŞ AVRUPA BİRLİĞİ UYGUNLUK BİLDİRİMİ

İşbu belge ile, Yamaha Music Europe GmbH, radyo cihaz tipinin [R-N303, R-N303D], Direktif 2014/53/AB'ye uygunluğunu beyan eder. AB uyumu beyanının tam metni aşağıdaki internet adresinden edinilebilir:
https://europe.yamaha.com/en/support/compliance/doc.html

AVEEA71102A

Important Notice: Guarantee Information for customers in EEA* and Switzerland

English

For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please either visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country. * EEA: European Economic Area

http://europe.yamaha.com/warranty/

Yamaha Global Site
https://www.yamaha.com/

Yamaha Downloads
http://download.yamaha.com/

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