YAMAHA

Receiver

R-N800A

Quick Guide

Introduction

Thank you very much for purchasing this Yamaha product.

This product is a network-compatible Receiver (2 channel stereo amplifier) which lets you play music content from the radio or a network in your home as well as analog and digital audio inputs. With the YPAO function which optimizes the sound field automatically, you can enjoy the sound that best matches your room.

About the Manuals

Please be sure to read the following guides. Keep the guides that are included with the product in a handy place for easy reference.

■ Safety Guide (included with the product)

Lists important safety precautions that should be read prior to use.

■ Quick Guide (this manual)

This guide explains basic connections, playback of Internet radio, and more.

■ User Guide (Web)

This explains all functions, such as information not explained in the Quick Guide. To see the User Guide, go to the following URL.

Please note that the User Guide is provided only on the website.

https://manual.yamaha.com/av/22/rn800a/

PREPARATION & OPERATION — Getting Started

Read this guide according to the following flow.

1 PREPARATION

1-1 Checking the included accessories

Check and make sure that you have all the following items.

Power cord

YPAO microphone

**AM antenna
(Except for U.K., Europe,
Russia and Australia
models)***

**FM antenna (Except for U.K., Europe,
Russia and Australia models)***

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

Remote control*

**Batteries
(AA, R6, UM-3) (×2)***

Safety Guide

**Quick Guide
(this manual)**

**DAB/FM antenna
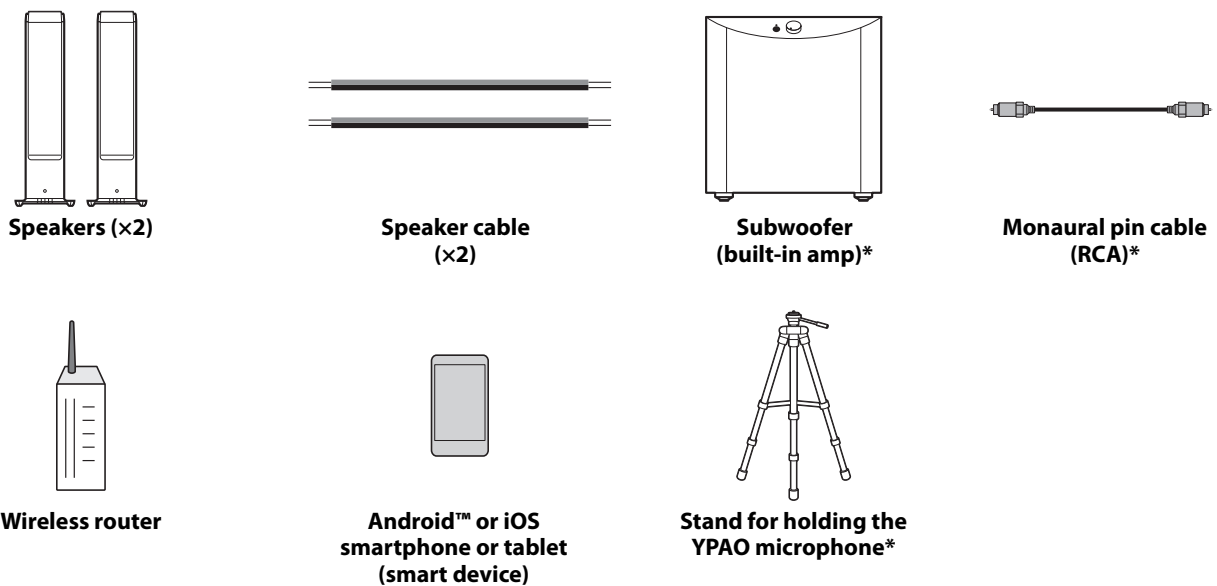(U.K., Europe, Russia and
Australia models)***
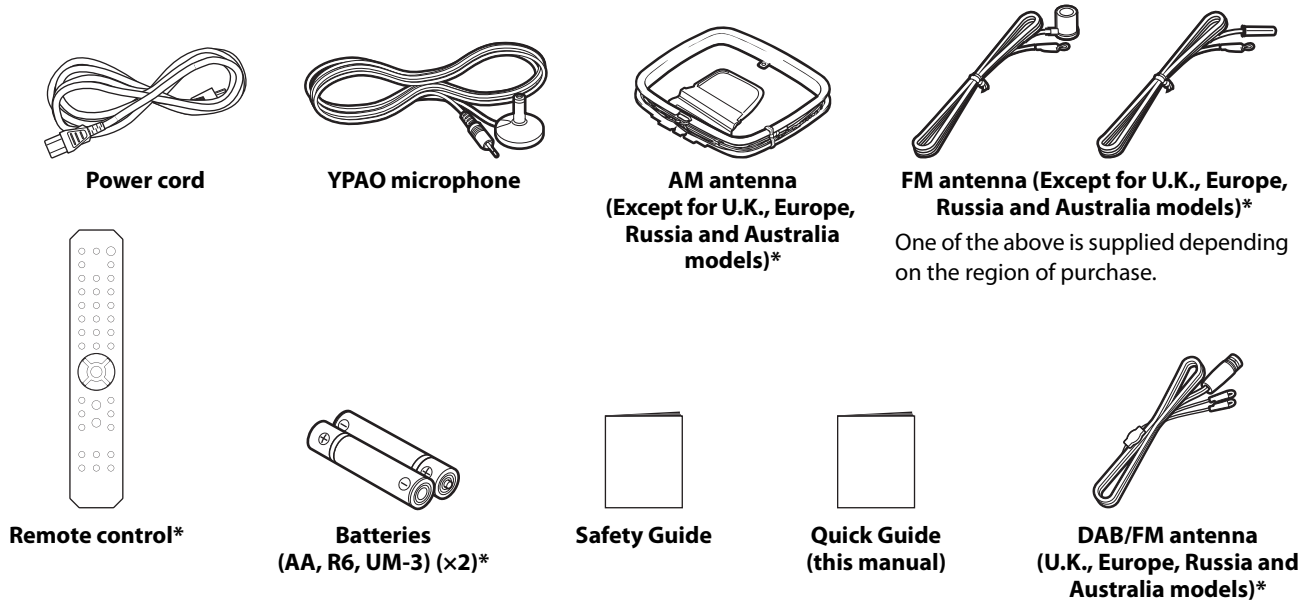
Items marked with * are not explained in this guide. See the User Guide for more information.
Be sure to fill in the correct date of purchase and name of the store of purchase in the warranty, and then keep it in a safe place.

1-2 This guide requires the following items

Have the following items on hand, in addition to the product.

Speakers (×2)

**Speaker cable
(×2)**

**Subwoofer
(built-in amp)***

**Monaural pin cable
(RCA)***

Wireless router

**Android™ or iOS
smartphone or tablet
(smart device)**

**Stand for holding the
YPAO microphone***

This is used for connecting to
the Internet in your home.

Have one ready that is already
connected to your wireless
router.

Refer to page 8, and have a camera tripod, etc.
ready that is adjusted to the height of the
listening position.
(compatible with a 1/4-inch screw)

Items marked with * are not required in some cases. Have them ready if needed.

1-3 Connecting Speakers

Connect the speakers as illustrated. Connect a subwoofer if needed.

Speaker (Right channel)

Speaker (Left channel)

Subwoofer (built-in amp)
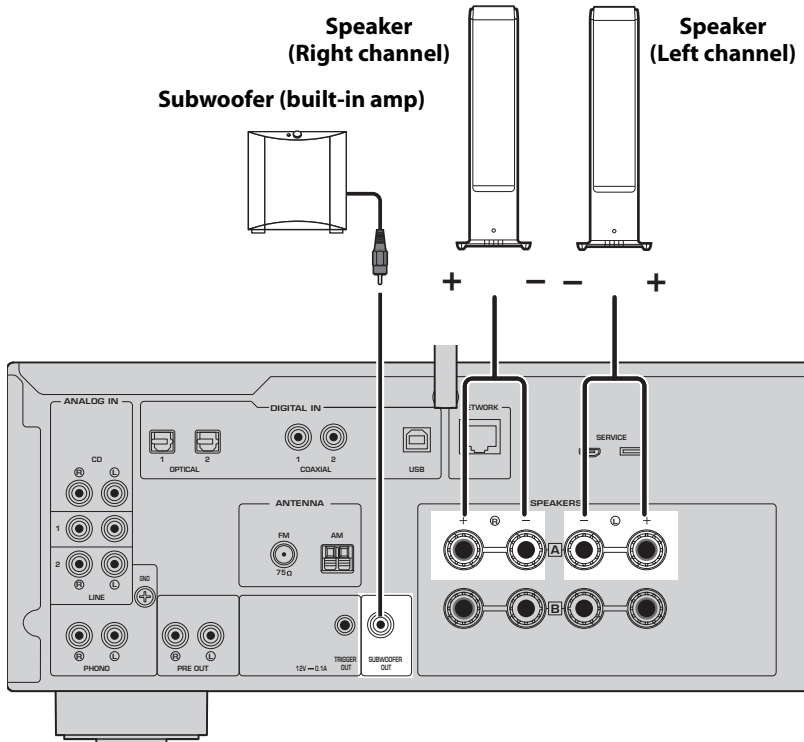
1 **Peel back about 10 mm of insulation from the end of the speaker cable and twist the core wires tightly.**

10 mm
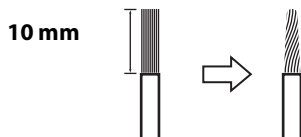
2 **Turn the knob of the speaker jack to the left to loosen it, and insert the core wires of the speaker cable into the hole of the jack.**
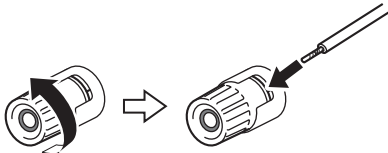
3 **Turn the knob back to the right to tighten it.**

NOTE

- Use speakers with an impedance of 4-ohms or higher.
- If using 4-ohm speakers (or higher than 4-ohm but lower than 8-ohm), change the impedance settings of this product. These settings can be changed in the product's Advanced Setup menu. See the User Guide for details.
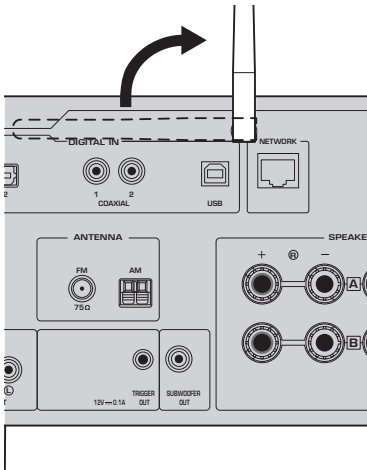
NOTICE	NOTICE is used with information for preventing product failure, damage or malfunction.

- Do not allow the core wires of a speaker cable to touch the core wires of another speaker cable or any metal parts of the product. Doing so may damage the product and/or the speakers.

1-4 Flipping up the wireless antenna

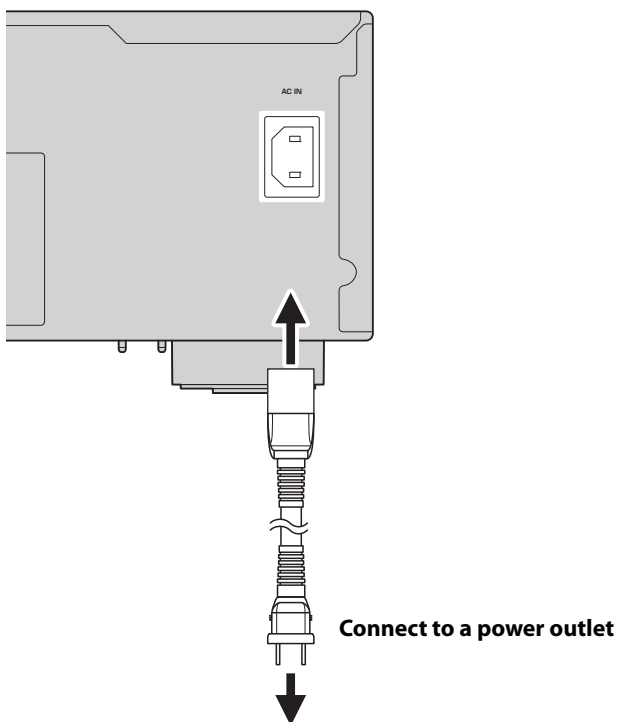Flip up the wireless antenna as illustrated.

NOTICE
- Do not exert excessive force on the wireless antenna. Doing so may damage it.

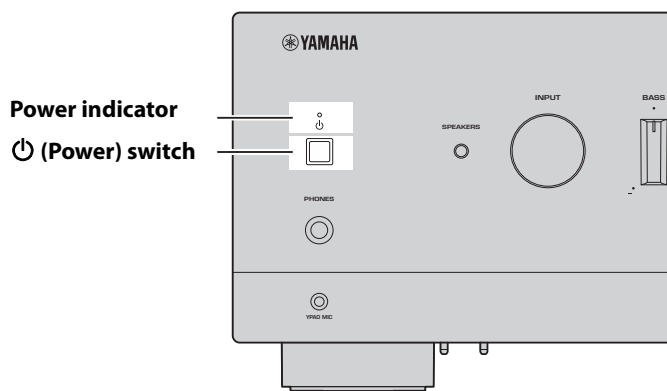## 1-5 Connecting the power cord

Connect the included power cord.

Connect to a power outlet

2 OPERATION

2-1 Turning the power on

Turn the product on.

1 Press the ⏻ (Power) switch to turn the power on.

The power indicator lights up.

Power indicator
⏻ (Power) switch

2 After the following message appears on the front display, press RETURN on the front panel to clear the message.

It may take about 30 seconds for the message to appear. The portion shown as * differs depending on the device.

*
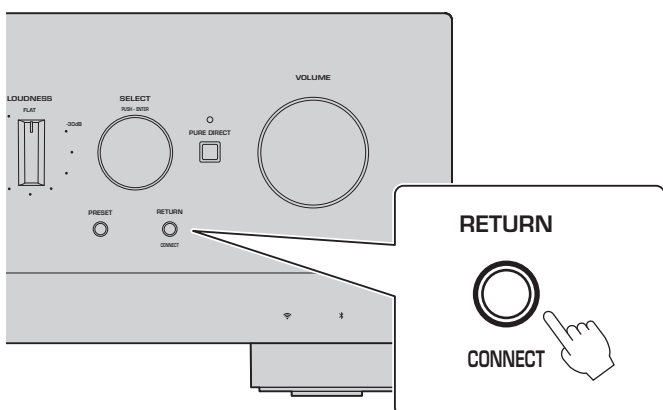
Wireless WAC Display

The WAC (Wireless Accessory Configuration) function is for applying the wireless settings of an iOS device to another device and wirelessly connecting to the network. Because it is explained on a later page how to connect to networks with the MusicCast Controller app, how to cancel WAC is explained here.

2-2 Automatic adjustment of speaker settings (YPAO)

Use the included YPAO microphone and run YPAO.
YPAO is a function that detects speaker connections and the distance from the listening position, then automatically adjusts the speaker settings, such as volume balance and tone.
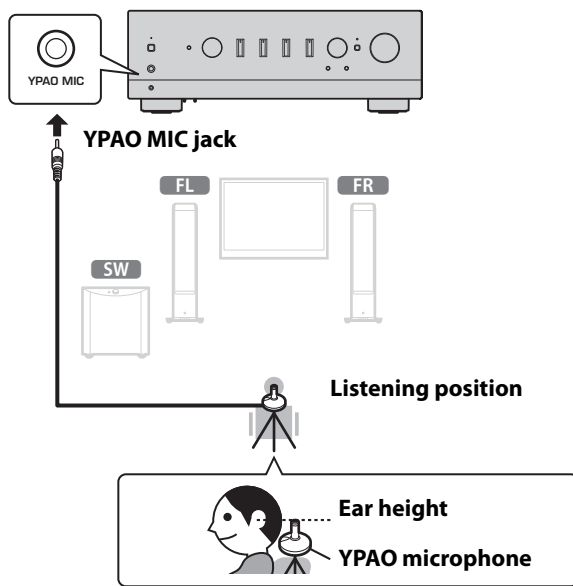
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1 **Turn your subwoofers on and adjust the volume to its midpoint.**

If the crossover frequency can be adjusted, set it to the maximum.
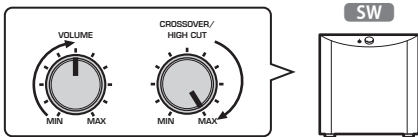
This step is not necessary if a subwoofer is not connected.

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2 **Put the included YPAO microphone in the listening position and connect it to the YPAO MIC jack on the front panel.**

The following message appears on the front display.

NOTE

Secure the YPAO microphone in place so it does not move. If a camera tripod is used for the microphone, its screws can be used to secure the microphone.

3 Press SELECT on the front panel to start the automatic adjustment of speaker settings with YPAO.

Adjustment starts automatically after about 10 seconds. It takes about 1 minutes.

Do not make any unnecessary noise until the adjustments are complete.
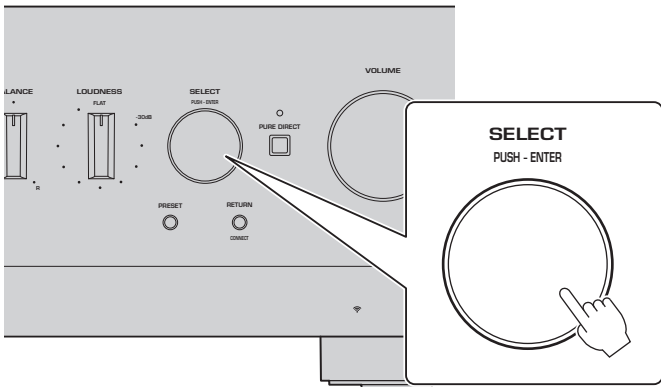
4 Check the results on the front display.

After all adjustments are complete, the results are shown on the front display. Follow the instructions that are displayed, and use the SELECT buttons to complete adjustments.
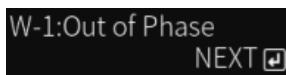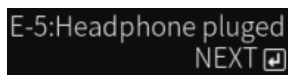
If there are no errors or warnings:
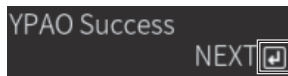
YPAO Success
NEXT ⏎ — **This prompts you to press SELECT to go to the next step.**

If an error message or warning message appears on the display, refer to the User Guide.

"E-" means error.

E-5:Headphone pluged
NEXT ⏎

"W-" means warning.

W-1:Out of Phase
NEXT ⏎

User Guide

https://manual.yamaha.com/av/22/rn800a/q1ypao.html
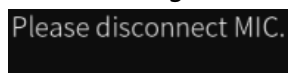
5 Save the YPAO results.

Check the following display, and press SELECT to save the adjustment results.

YPAO
⌄ Save   ⏎

To cancel or readjust (Retry), turn SELECT to choose the desired item.

6 Remove the YPAO microphone from the YPAO MIC jack.

After checking the following display, disconnect the YPAO microphone.

Please disconnect MIC.

This completes the YPAO settings.

2-3 Configuring network settings

After installing the dedicated smart-device app, "MusicCast Controller", connect the product wirelessly to your network from the screen of the app.
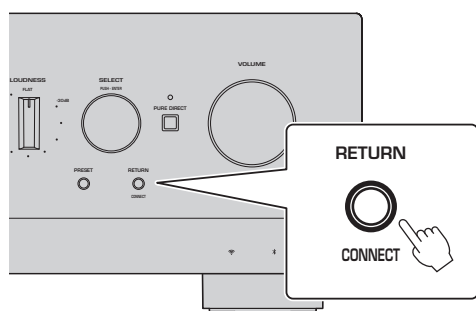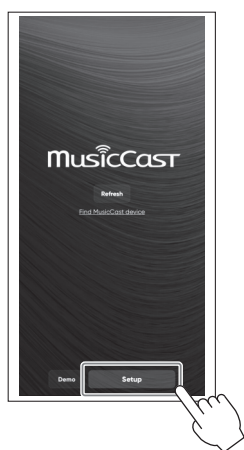
1 **Prepare your smart device.**

Refer to the Wi-Fi settings of the smart device and confirm that it is connected to the network of your wireless router.

2 **Install "MusicCast Controller" on your smart device.**

Search for "MusicCast Controller" on the App Store or Google Play to download the app.

3 **Start the app and start configuring settings as directed by the app.**

Following the app's guide, press CONNECT for 5 seconds or longer.

Important Notice about Information Security
For details, go to the URL at right.


https://manual.yamaha.com/av/policy/mcc/

NOTE
- You can also connect to the network via a wired connection. See the User Guide for more information.
- If you want to cancel the configuration before it is complete, press RETURN on the front panel.
- If the connection fails, quit the app, and then try again from Step 3.

2-4   Playing Internet radio

Use the app to confirm that you can play Internet radio.

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1 **On the app's screen, select the room that is registered to this product, and select "Net Radio" as the source to play.**
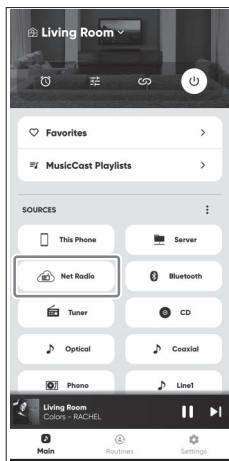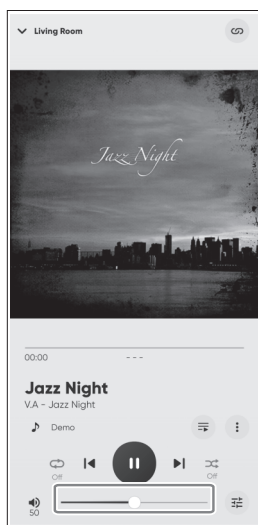

If you are connected to the Internet, a list of Internet radio stations appears. If it does not appear, reconnect to the Internet.

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2 **Choose the desired station.**

Choose the desired station from the list of Internet radio stations.

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3 **Adjust the volume.**

Adjust with the volume slider in the app. You can also adjust it with VOLUME on the front panel.

This completes the initial setup.
For detailed explanations of how to connect various external devices or to configure advanced settings of the product, refer to the User Guide.

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