



UTA

AV Receiver  
Ampli-Tuner Audio-Vidéo

RX-V3085  
RX-V2085

musicCast

**EN** Quick Start Guide

**ZH-CH** 快速启动指南



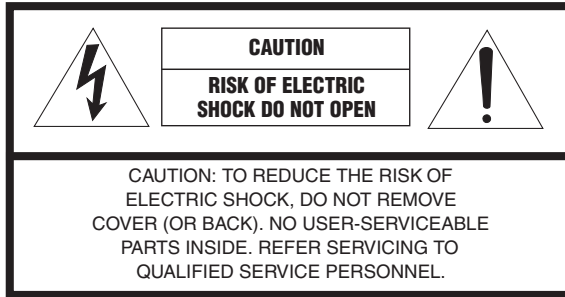
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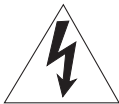
中文

# IMPORTANT SAFETY INSTRUCTIONS



The above warning is located on the rear of the unit.

## • Explanation of Graphical Symbols



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



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

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.

- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



## IMPORTANT

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

MODEL: \_\_\_\_\_

Serial No.: \_\_\_\_\_

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

## FCC INFORMATION (USA)

### 1 **IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!**

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

### 2 **IMPORTANT:** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product **MUST** be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

### 3 **NOTE:** This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices.

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

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

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

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

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

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America A/V Division, 6600 Orangethorpe Avenue, Buena Park, CA 90620, USA.

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

## COMPLIANCE INFORMATION STATEMENT (DECLARATION OF CONFORMITY PROCEDURE)

Responsible Party: Yamaha Corporation of America A/V Division  
Address: 6600 Orangethorpe Avenue, Buena Park, CA 90620  
Telephone: 714-522-9011  
Type of Equipment: AV Receiver  
Model Name: RX-V2085

## FCC/IC NOTICE (U.S.A. and Canada)

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

This device complies with Part 15 of FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of this device.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

(for Canada)

5150-5350 MHz band is restricted to indoor operation only.

High-power radars are allocated as primary users (i.e. priority users) of the bands

5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

**CAN ICES-3(B)/NMB-3(B)**

\* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA.

# 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 injury to you or damage of the products caused by improper use or modifications to the unit, or data that is lost or destroyed.
- 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/adaptor 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.

- Be sure to use the power cord. Also, do not use the supplied power cord for other units. Failure to observe the above may cause a fire, burns, 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 or places where water may drop. 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

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- Do not use this unit near medical devices or inside medical facilities. Radio waves from this unit may affect electro-medical 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

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- If any of the following abnormalities occur, immediately turn off the power and disconnect the power plug. If any of the following abnormalities occur, immediately turn off any amplifiers and receivers.
  - 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

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This content indicates “risk of injury.”

## Power supply/power cord

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- 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 the unit or 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

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- 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/side/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.

- Do not install the unit in places 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.
- When transporting or moving the unit always use two or more people. Attempting to lift the unit by yourself may damage your back, result in other injury, or cause damage to the unit itself.
- For proper installation of the outdoor antenna, make sure to have it done by the dealer from where you purchased the unit or by qualified service personnel. Failure to observe this may cause the installation to fall and result in injury. Installation requires special skills and experience.

## Hearing loss

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- 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 amplifier or receiver LAST, to avoid hearing loss and speaker damage. When turning the power off, the amplifier or receiver should be turned off FIRST for the same reason. Failure to observe the above may cause hearing impairment or speaker damage.

## Maintenance

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

## Handling caution

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- Do not touch the surface having this label. Doing so may cause burns. The label on the device indicates that the surface to which the label is attached may become hot during operation.
- Do not insert your hand or fingers into the ventilation holes of this unit. Failure to observe this may cause injury.
- 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 and request an inspection from the dealer where you purchased the unit or from qualified Yamaha service personnel.
- Do not do the following:
  - put heavy items on top of the equipment.
  - place the equipment in a stack.
  - apply unreasonable force to buttons, switches, input/output terminals, etc.
- Avoid pulling the connected cables to prevent injuries or damage to the unit by causing it to fall.

## Battery use

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- 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 use batteries other than specified batteries. Doing so cause fire, burns, or inflammation due to leakage.
- 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.

## Notice

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**Indicates points that you must observe in order to prevent product failure, damage or malfunction and data loss.**

### Power supply/power cord

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- If not using the unit for a long period of time, be sure to pull the power plug from the outlet. Even if the (Standby/On) switch has been turned off (the screen display is off), a minute current is still flowing.

### Installation

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- 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, 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 function, avoid installing this unit near metal walls or desks, microwave ovens, or other wireless network devices. Obstructions could shorten the transmission distance.

### Connections

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- 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

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- 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

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- 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

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

# ***Information***

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## About content in this manual

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- 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.

# Introduction

- This unit is a product for enjoying music and video at home.
- This document explains basic speaker system setup and unit configuration, followed by step-by-step instructions. Basic operations, such as playing Blu-ray Discs, DVDs, and radio content, are also explained.
- In this document, the RX-V3085 is used for illustration purposes. Some parts or components, such as jacks, may vary by specific model. Such differences are indicated as required.

The unit is equipped with a number of other functions not described in this document. For more information about this product, refer to the Owner's Manual on the Yamaha website.

Follow one of the methods described below to view the latest Owner's Manual.

#### In HTML format

- Scan the QR code found on the front cover of this document.
- Visit the following website.  
**<http://avpro.global.yamaha.com/manual/avr/rxv3085/>**

#### In PDF format

- Visit the following website.  
**<http://download.yamaha.com/>**

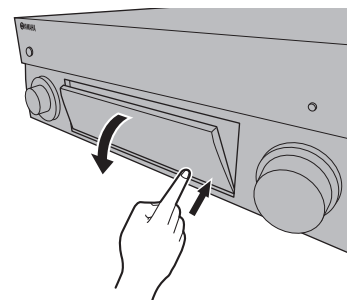
#### [For U.S. customers only]

Visit the following website for additional information, FAQ's, downloads such as "Owner's Manual" and product updates.

<http://usa.yamaha.com/support/>

## Opening and closing the front panel door

Press the bottom of the door gently to open it when using controls or jacks behind the front panel door. Keep the door closed when controls or jacks behind the front panel door are not in use. (Be careful not to trap your fingers.)



Trademarks and trade names used in this document are those of their respective owners. See the Owner's Manual for more information.



# Features

The unit is also capable of the following, which are not described in this document. See the Owner's Manual to help you get the most out of the unit.

- **Playing music files stored on a media server (PC or NAS)**
- **Playing iTunes music or iPhone/iPad/iPod touch music over a network (AirPlay)**
- **Playing music in multiple rooms (Zone function)**
- **Configuring the advanced settings (ADVANCED SETUP menu)**

For more information, see "What you can do with the unit" in the Owner's Manual.

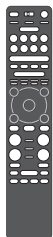


## **AV SETUP GUIDE**

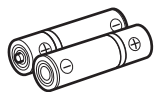
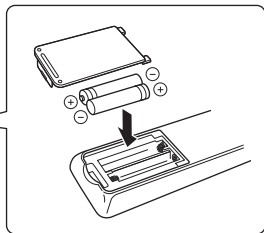
AV SETUP GUIDE is an app that guides you through the process of connecting a TV or playback device, such as a BD/DVD or CD player, and speakers to the AV receiver. Search "AV SETUP GUIDE" on the App Store or Google Play for details.

# 1 Preparation

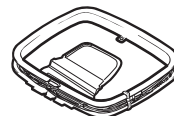
## Confirming package contents



Remote control



Batteries  
(AAA, LR03, UM-4) (x2)



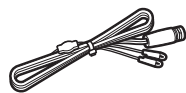
AM antenna  
(Except for Australia model)



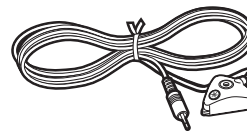
Power cable  
The supplied power cable varies depending on the region of purchase.



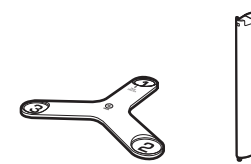
FM antenna  
(Except for Australia model)



DAB/FM antenna  
(Australia model)



YPAO microphone



Microphone base Pole  
Use to measure angle/height during YPAO.

Quick Start Guide (this booklet)

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

## Preparing cables

The following cables (not supplied) are required to build the system described in this document.

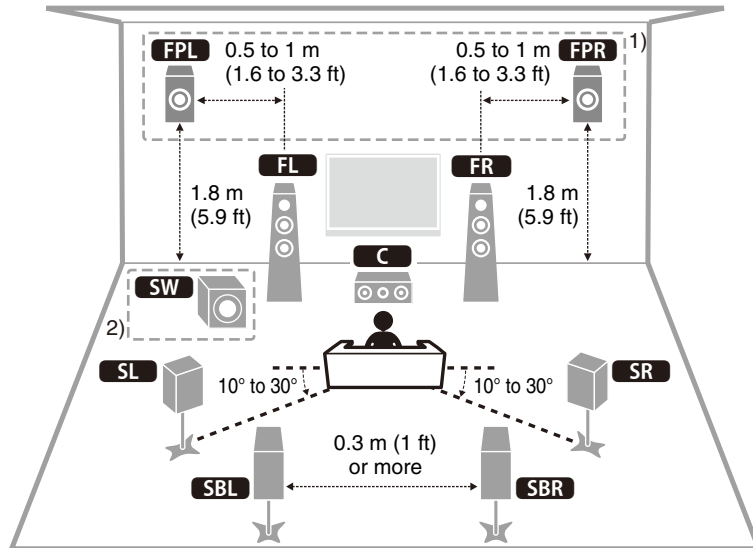
- Speaker cables (depending on the number of speakers)
- Audio pin cable (x1)
- HDMI cables (x3)
- Network cable (x1) (when connecting to a router via a network cable)

# 2

## Connecting speakers/subwoofer

### Positioning speakers

Use the diagram as a reference for positioning speakers.



- FL / FR** Front speaker (L/R)
- C** Center speaker
- SL / SR** Surround speaker (L/R)
- SBL / SBR** Surround back speaker (L/R)
- FPL / FPR** Front presence speaker (L/R) <sup>1)</sup>
- SW** Subwoofer <sup>2)</sup>

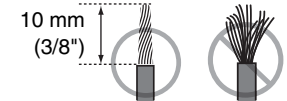
<sup>1)</sup> For 7.1.2-channel system

<sup>2)</sup> Up to two subwoofers can be connected.

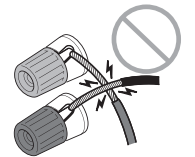
### Precautions for connecting speaker cables

- Be sure that the unit and subwoofer are turned off.
- Prepare speaker cables in a place away from the unit, to avoid accidentally dropping wire strands into the unit's interior which could result in a short circuit or malfunction of the unit.
- Improper connection of speaker cables could cause a short circuit resulting in damage to, or malfunctioning of, the unit or speakers.

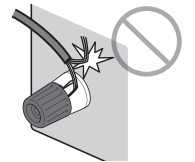
- Carefully remove approximately 10 mm (3/8") of insulation from the speaker-connection ends of the cables, and twist the bare wires of each speaker cable together firmly.



- Do not allow the bare wires of separate speaker cables to come into contact with one another.



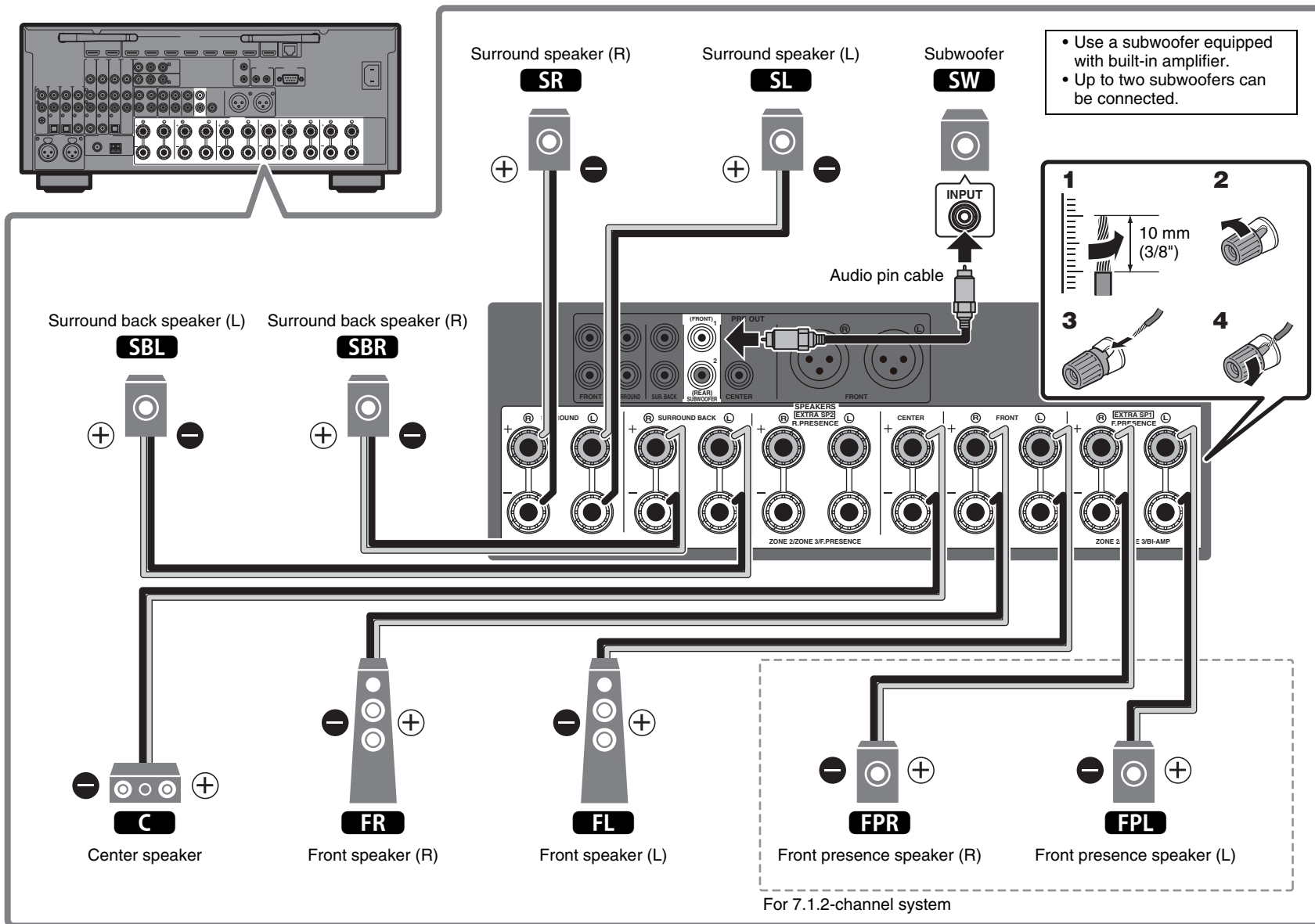
- Do not allow speaker cable bare wires to come into contact with metal parts on the unit (rear panel and screws).



If "Check SP Wires" is shown on the front display when the unit is turned on, turn off the unit and be sure that speaker cables have not caused a short circuit.

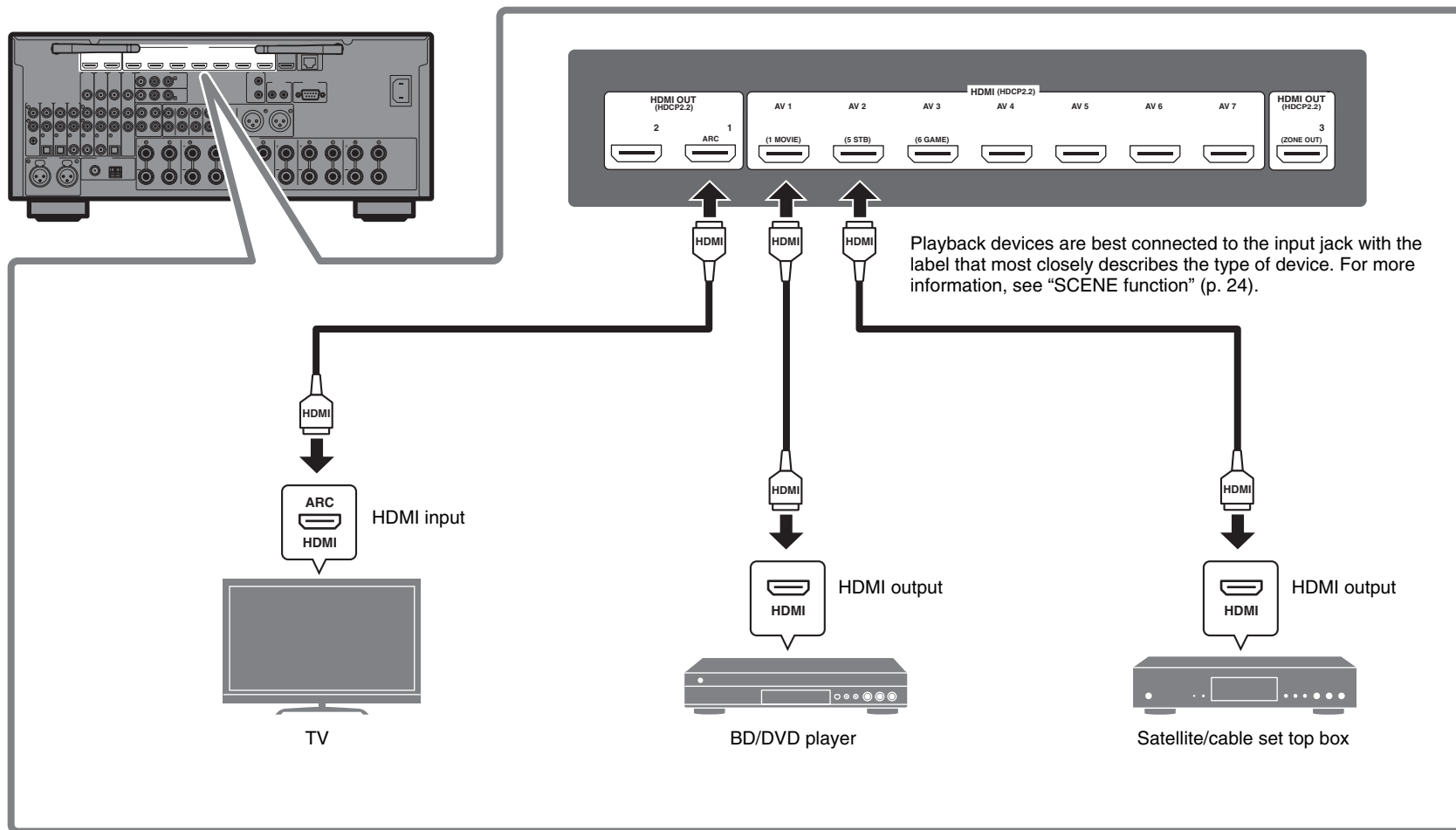
### When connecting 6-ohm speakers

Set the unit's speaker impedance to "6 Ω MIN". For details, see "Setting the speaker impedance" under "Connecting speakers" in the Owner's Manual.



# 3

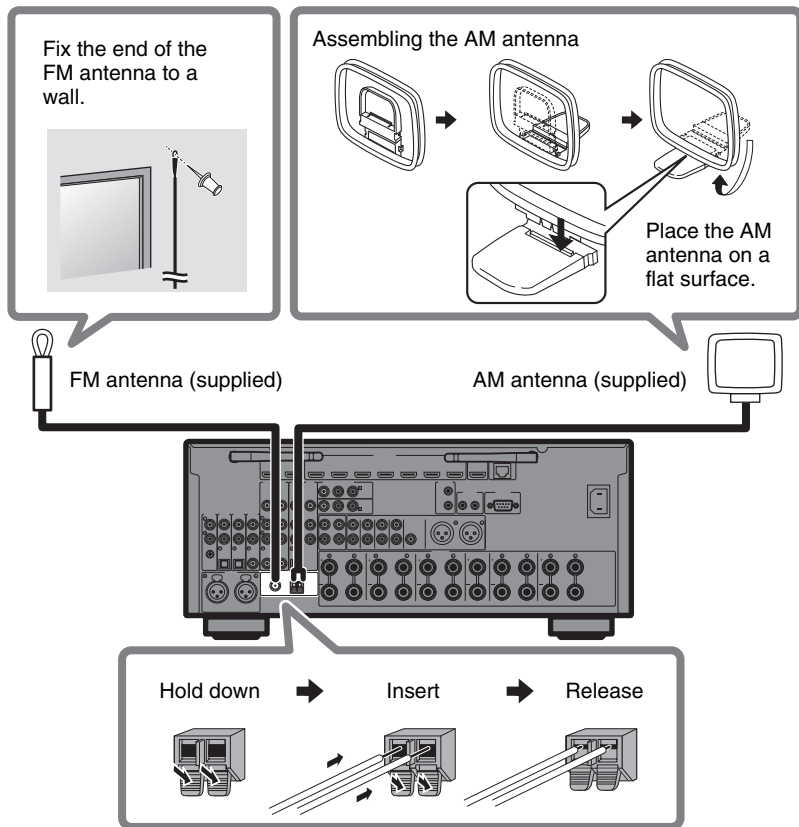
## Connecting external devices



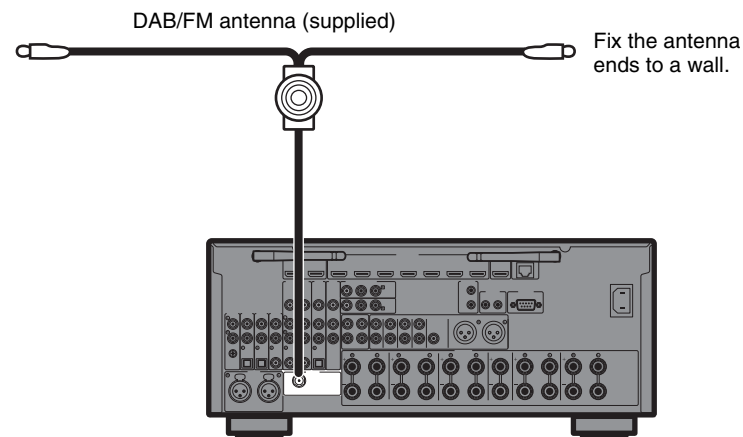
# 4

## Connecting the radio antennas

### FM/AM antennas (Except for Australia model)



### DAB/FM antenna (Australia model)



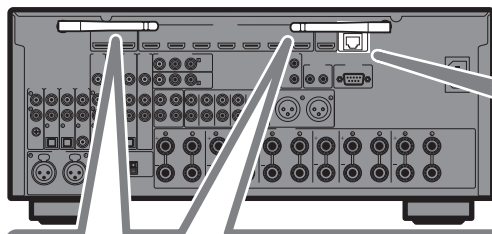
# 5

## Preparing a network connection

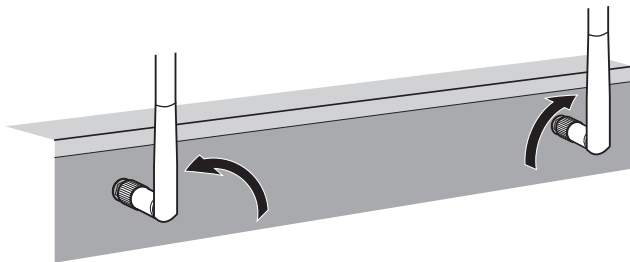
Prepare a wired or wireless network connection in accordance with your network environment.

### Note

The wireless antenna must be raised if the unit will be connected to a Bluetooth device.



### Wireless network connection

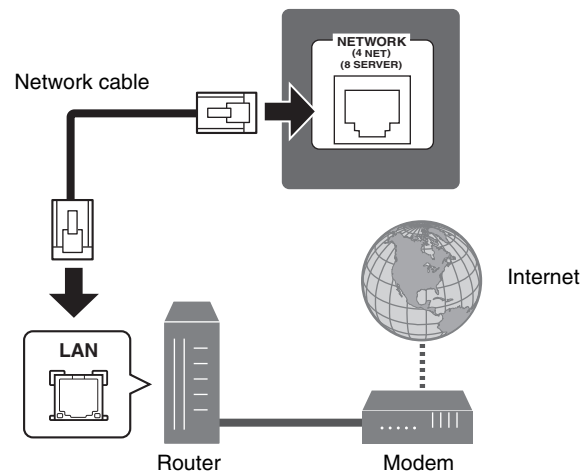


Raise the wireless antenna so that it is standing up straight.  
(Procedures for connecting the unit to a wireless router are described in step 8.)

### Notice

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

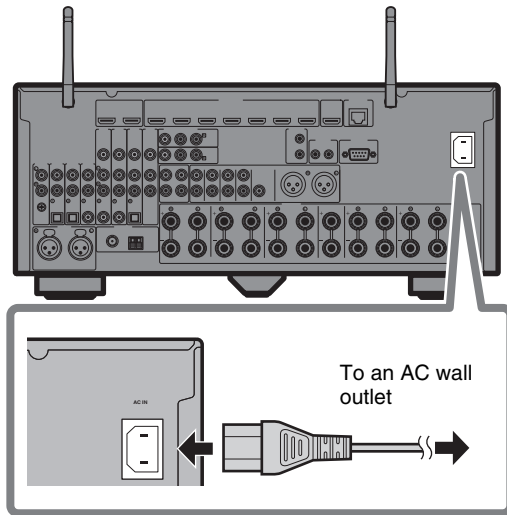
### Wired network connection




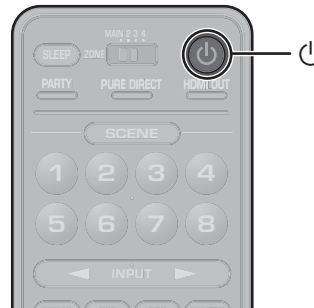
# 6

## Connecting the power cable to an AC wall outlet, and turning on the unit

- 1 Plug the power cable into an AC wall outlet.

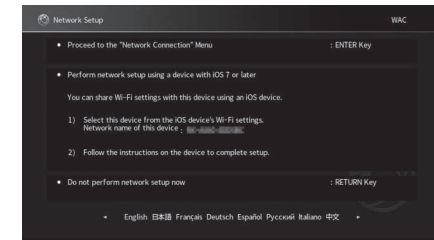


- 2 Press  (receiver power) to turn on the unit.



- 3 Turn on the TV and switch the TV input to display video from the unit (HDMI OUT jack).

The Network Setup screen shown below will be displayed on the TV when the unit is turned on for the first time after purchase. It may take several tens of seconds for the screen to be displayed (WAC: Wireless Accessory Configuration).



See “Sharing the iOS device setting” under “Connecting to a network wirelessly” in the Owner’s Manual when using this function to connect the unit to a network. This document explains wireless connection using the MusicCast CONTROLLER app installed on your mobile device. Follow the procedure described under “8 Setting MusicCast” (p. 19).

### Note

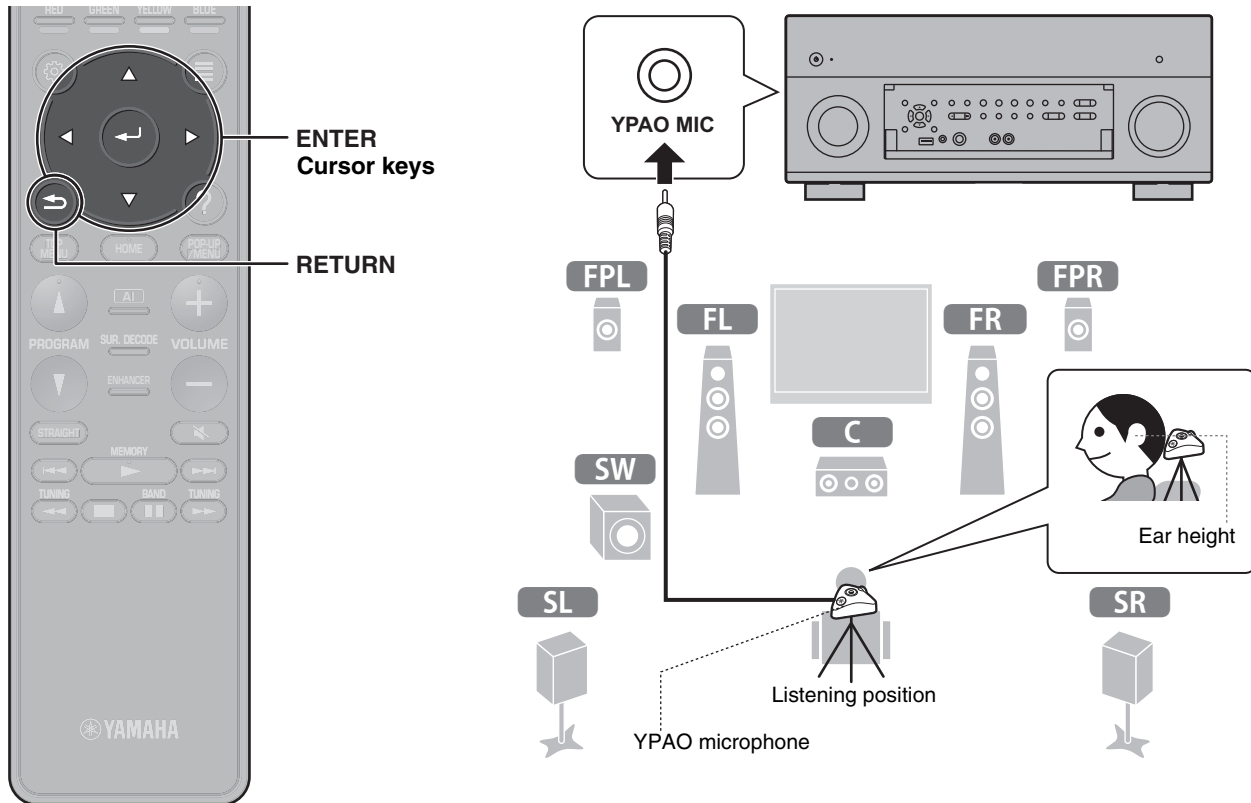
This screen will not be displayed if the unit is connected to a router via its NETWORK jack (wired connection).



# 7

## Optimizing the speaker settings automatically (YPAO)

The Yamaha Parametric room Acoustic Optimizer (YPAO) function detects speaker connections, measures the distances from them to your listening position(s), and then automatically optimizes the speaker settings, such as volume balance and acoustic parameters, to suit your room.

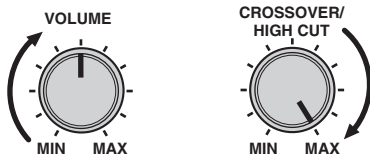


Note the following regarding YPAO measurement

- Test tones are output at high volume and may surprise or frighten small children.
- Test tone volume cannot be adjusted.
- Keep the room as quiet as possible.
- Stay in a corner of the room behind the listening position so that you do not become an obstacle between speakers and the YPAO microphone.
- Do not connect headphones.

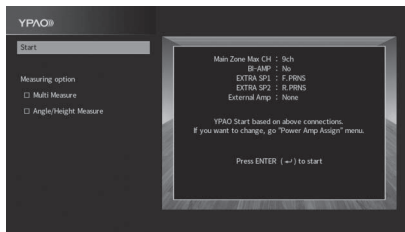
## 1 Turn on the subwoofer and set the volume to half.

If the crossover frequency is adjustable, set it to maximum.



## 2 Place the YPAO microphone at your listening position and connect it to the YPAO MIC jack on the front panel.

The screen below appears on the TV.



### Note

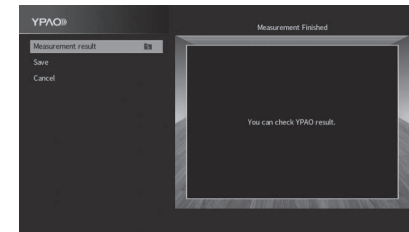
Place the YPAO microphone at your listening position (same height as your ears). We recommend the use of a tripod as a microphone stand. You can use the tripod screws to stabilize the microphone.

## 3 Use the cursor keys to select “Start” and press ENTER.

The measurement will start in 10 seconds.

It takes about 5 minutes to measure.

The screen below appears on the TV when the measurement finishes.



### Note

If an error message (such as ERROR 1) or warning message (such as WARNING 2) appears, see “Optimizing the speaker settings automatically (YPAO)” in the Owner’s Manual.

## 4 Select “Measurement result” and press ENTER to display the result.

After confirming the result, press RETURN to return to the “Measurement Finished” screen.

## 5 Use the cursor keys to select “Save” and press ENTER.

## 6 Disconnect the YPAO microphone from the unit.

This completes optimization of the speaker settings.

# 8

## Setting MusicCast

### What is MusicCast

MusicCast is a brand new wireless musical solution from Yamaha, allowing you to share music among all of your rooms with a variety of devices. You can enjoy music from your smartphone, PC, NAS drive and music streaming service anywhere in your house with one easy-to-use app. For more details and a lineup of MusicCast compatible products, refer to the following site: <http://www.yamaha.com/musiccast/>

- Seamlessly control all MusicCast compatible devices with the dedicated app “MusicCast CONTROLLER”.
- Play back music from music streaming services. (The compatible music streaming services may differ depending on your region and product.)
- Configure wireless network settings of MusicCast compatible devices.

#### Note

See the Owner’s Manual for information on other wireless connection methods if the MusicCast CONTROLLER app will not be used.

### Using MusicCast CONTROLLER

To use the network features on the MusicCast compatible device, you need the dedicated app “MusicCast CONTROLLER” for the operation. Search for the free app “MusicCast CONTROLLER” on the App Store or Google Play and install it to your device.

### Adding the unit to the MusicCast network

Perform the following procedure to add the unit to the MusicCast network. You can also configure the unit’s wireless network settings at once.

#### Note

The SSID and security key for your network will be needed.

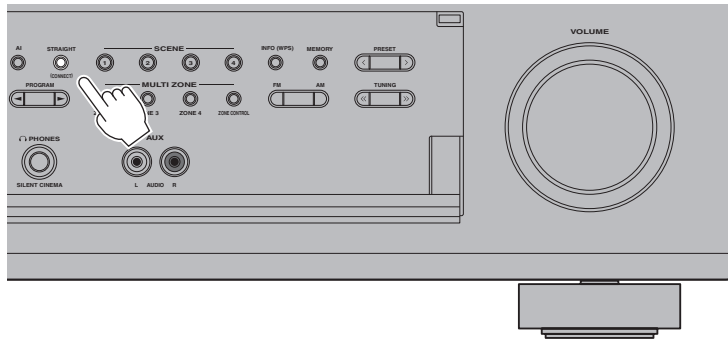
- 1 Tap the “MusicCast CONTROLLER” app  on your mobile device and tap “Setup”.**

#### Note

If you have already connected other MusicCast compatible devices to the network, tap “Settings” and then “Add New Device”.

- 2 Follow the app’s on-screen instructions.**

- 3 Press and hold the CONNECT button on the front panel of the unit for 5 seconds, as instructed by the app.**



- 4 Follow the app's on-screen instructions to configure network settings.**

When a connection has been established, "Completed" will be displayed in the front display of the unit.

Network connection with the MusicCast CONTROLLER app is now complete, and the unit has been registered as a MusicCast-enabled device.

# Playback

This section describes basic operations such as playing Blu-ray Discs and DVDs, and tuning into radio stations. Most operations can be performed using the remote control.

## Basic playback functions

The unit is equipped with a variety of sound programs and surround decoders that allow you to enjoy playback sources in your favorite sound mode.

**PURE DIRECT:** When PURE DIRECT is pressed and the direct playback mode is enabled, the unit plays back the selected source with the least circuitry. It allows you to enjoy Hi-Fi sound quality.

**PROGRAM** ( $\Delta/\nabla$ ): Sound programs suitable for movies, music and unprocessed playback can be selected.

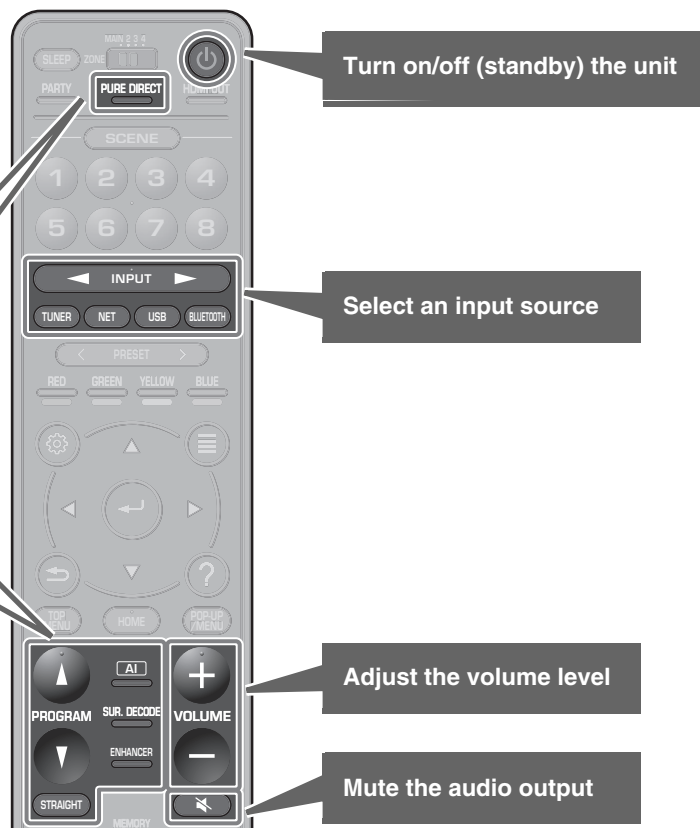
**STRAIGHT:** Input sources will be played without any sound field effects.

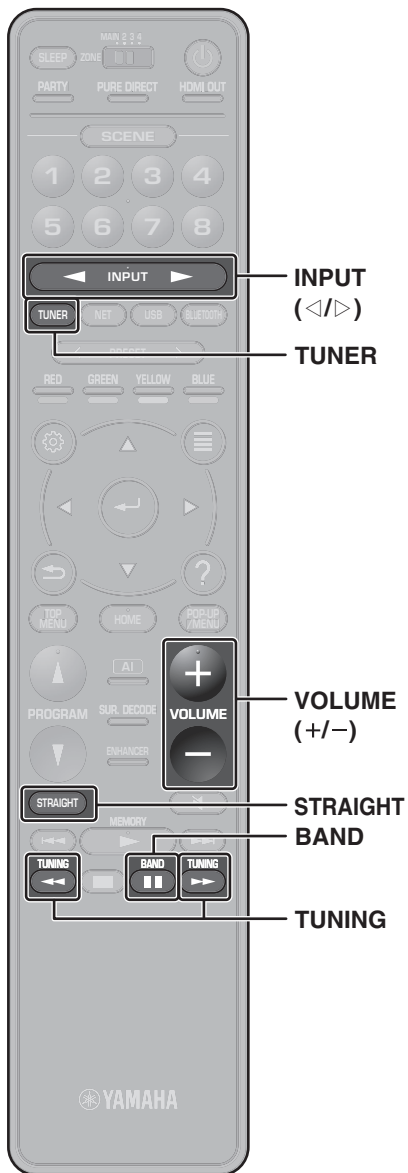
**[AI] (SURROUND: AI):** This function instantly analyzes content, focusing on sound elements such as dialog, background music, ambient sounds and sound effects, and optimizes the surround effect in real time. This creates a compelling sense of realism with expressive power beyond that of conventional sound field effects.

**SUR. DECODE\*:** The surround decoder enables unprocessed multichannel playback from 2-channel sources.

**ENHANCER:** Compressed music stored on a Bluetooth device or USB storage device will be played with additional depth and breadth.

\* We recommend Dolby Surround while network streaming is Dolby contents.





## Playing a BD/DVD

We recommend playing back multichannel audio (5.1-channel or more) to feel surround sound produced by the unit.

- 1 Turn on the BD/DVD player.
- 2 Press INPUT (</>) repeatedly to select “AV 1”.

The name of the connected device such as “BD player” may be displayed.



- 3 Start playback on the BD/DVD player.

- 4 Press STRAIGHT BAND to select “STRAIGHT”.

### Note

When “STRAIGHT” (straight decode) is enabled, each speaker produces each channel audio signal directly (without sound field processing).

- 5 Press VOLUME to adjust the volume.

### Note

When sound is not heard, or no sound is output from a specific speaker, see “Troubleshooting”.

## Listening to FM/AM radio

(Except for Australia model)

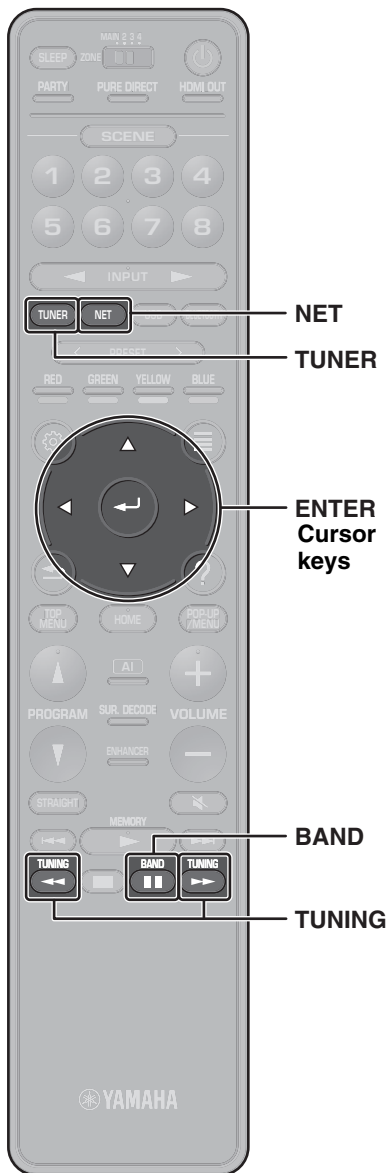
- 1 Press TUNER to select “TUNER” as the input source.
- 2 Press BAND to select FM or AM.
- 3 Press TUNING to set a frequency.

Hold down the key for about a second to search stations automatically.



“TUNED” lights up when the unit is receiving an FM/AM radio station signal.

“STEREO” lights up when the unit is receiving a stereo FM radio signal.



## Listening to DAB radio

(Australia model)

- 1 Press **TUNER** to select “TUNER” as the input source.
- 2 Press **BAND** to select the DAB band.

The following message appears on the front panel if you have not performed an initial scan yet.



- 3 Press **ENTER** to start an initial scan.



When the initial scan finishes, the unit automatically tunes into the first DAB radio station as stored in station order.



- 4 Press **TUNING** repeatedly to select a DAB radio station.

## Listening to Internet radio

- 1 Press **NET** repeatedly to select “NET RADIO” as the input source.  
The browse screen is displayed on the TV.
- 2 Use the **cursor keys** to select an item and press **ENTER**.

When an Internet radio station is selected, playback starts and the playback screen is displayed.

### Note

Internet radio stations can also be selected using the MusicCast CONTROLLER app installed on your mobile device.

### Listening to music from streaming services

The MusicCast CONTROLLER app installed on your mobile device can be used to receive streaming services.

- 1 **Select a streaming service on the MusicCast CONTROLLER app screen.**
- 2 **Select a station.**

### Note

The following may be required, depending upon the streaming service used.

- Install the streaming service app on your mobile device
- Register a streaming service account

### Notes on streaming services

- Streaming services may be changed or discontinued without notice.
- Supported streaming services may vary by the country or region of use.



## SCENE function

Unit input sources and settings that have been assigned to SCENE (1–8) keys can be selected with a single touch (SCENE function). When a SCENE (1–8) key is pressed, the unit turns on automatically if it is in standby mode.

By default, the following input sources have been assigned to each SCENE (1–8) key.


| SCENE key | SCENE name             | Input     |
|-----------|------------------------|-----------|
| 1         | Movie Viewing          | AV 1      |
| 2         | RADIO Listening        | TUNER     |
| 3         | Music Listening        | AUDIO 2   |
| 4         | NET Audio Listening    | NET RADIO |
| 5         | STB Viewing            | AV 2      |
| 6         | Game Playing           | AV 3      |
| 7         | TV Viewing             | AUDIO 1   |
| 8         | Media Server Listening | SERVER    |

### Registering a scene

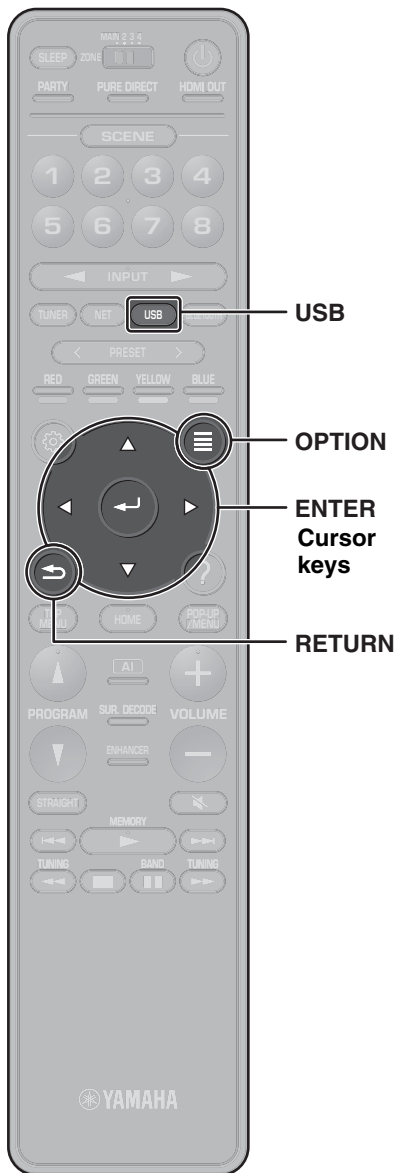
The settings assigned to each SCENE (1–8) key by default can be changed to suit individual preferences.

1. Play an input source.
2. Apply settings for functions such as Sound programs and Compressed Music Enhancer.
3. Press and hold a SCENE (1–8) key until “SET Complete” appears on the front display.

## Playing music stored on a Bluetooth® device

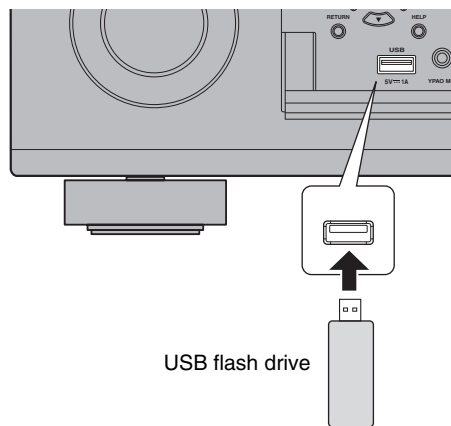
- 1 Press **BLUETOOTH** to select “Bluetooth” as the input source.
- 2 Select the unit (network name of the unit) from the available device list on the Bluetooth device.  
If the passkey is required, enter the number “0000”. When the connection is established, the  indicator will glow in the front display.
- 3 Select a song and start playback on the Bluetooth device.





## Playing music stored on a USB flash drive

- 1 Connect the USB flash drive to the USB jack.**



### Note

Connect the USB flash drive directly to the USB jack. Do not use an extension cable.

- 2 Press USB to select “USB” as the input source.**

The browse screen is displayed on the TV.

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

When a song is selected, playback starts and the playback screen is displayed.

## Basic operation of the Option menu

This section explains basic operation of the Option menu. The Option menu can be used to configure the unit's playback functions according to the input source.

- 1 Press OPTION.**



The Option menu is also displayed on the TV screen.

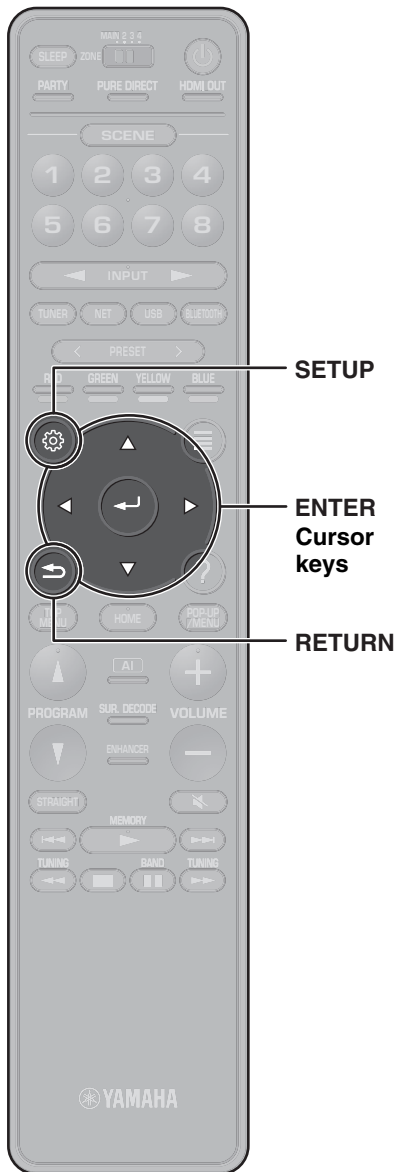
- 2 Use the cursor keys to select an item and press ENTER.**

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

- 3 Use the cursor keys to select a setting.**

- 4 Press OPTION.**

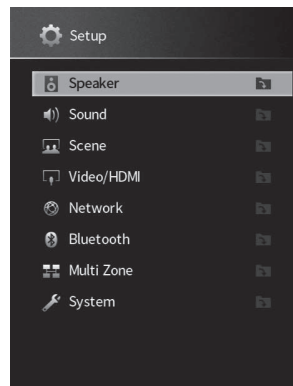
For more information, see “Configuring playback settings for different playback sources (Option menu)” in the Owner’s Manual.



## Basic operation of the Setup menu

This section explains basic operation of the Setup menu. The setup menu can be used to configure the unit's functions in detail.

### 1 Press SETUP.



### 2 Use the cursor keys to select a menu and press ENTER.

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

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

### 4 Use the cursor keys to select a setting.

### 5 Press SETUP.

For more information, see “Configuring various functions (Setup menu)” in the Owner's Manual.

# Troubleshooting

## If trouble occurs, first check the following:

Make sure of the following when the unit does not function properly.

- The power cables of the unit, TV and playback devices (such as BD/DVD players) are connected to AC wall outlets securely.
- The unit, subwoofer, TV and playback devices (such as BD/DVD players) are turned on.
- The connectors of each cable are securely inserted in to jacks on each device.

If there is no problem with the power and cables, refer to the instructions shown in the table below.

If the problem you are experiencing is not listed or if the instructions do not help, turn off the unit, disconnect the power cable, and contact the nearest authorized Yamaha dealer or service center.

| Problem  | Cause   | Remedy   |
|--|---|--|
| <b>The power does not turn on.</b>                     | The protection circuitry has been activated three times consecutively.<br>When the unit is in this condition, the standby indicator on the unit's front panel blinks if 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.   |
| <b>The power turns off (standby mode) immediately.</b> | The unit was turned on while a speaker cable was shorted.   | Twist the bare wires of each speaker cable firmly and reconnect to the unit and speakers (p. 11).  |
| <b>The unit is not reacting.</b>                       | The internal microcomputer is frozen, due to an external electric shock (such as lightning or excessive static electricity) or to a drop in the power supply voltage.                                 | Hold down MAIN ZONE $\odot$ on the unit's front panel for more than 15 seconds to initialize and reboot the unit. (If the problem persists, disconnect the power cable from the AC wall outlet and plug it again.) |
| <b>No sound.</b>                                       | Another input source is selected.   | Select an appropriate input source with the input selection keys.  |
|  | Signals that the unit cannot reproduce are being input.   | Some digital audio formats cannot be played back on the unit. To check the audio format of the input signal, use "Information" under "Sound" in the "Setup" menu (p. 26).  |
| <b>No sound is coming from a specific speaker.</b>     | The playback source does not contain a signal for the channel.  | Use "Information" under "Sound" in the "Setup" menu (p. 26) to check the audio signal.   |
|  | The currently selected sound program/decoder does not use the speaker.  | Use "Test Tone" in the "Setup" menu (p. 26) to check the speaker output.   |
|  | Audio output of the speaker is disabled.  | Perform YPAO (p. 17).<br>Use "Configuration" in the "Setup" menu to change the speaker settings (p. 26).   |

| Problem   | Cause   | Remedy  |
|---|---|---|
| <b>No sound is coming from the subwoofer.</b>                             | The playback source does not contain LFE or low-frequency signals.                                  | To check if the subwoofer is working properly, use "Test Tone" in the "Setup" menu (p. 26).   |
|   | Subwoofer output is disabled.   | Perform YPAO (p. 17).   |
|   |   | Set "Subwoofer" in the "Setup" menu to "Use" (p. 26).   |
| <b>No video.</b>  | Another input source is selected on the unit.   | Select an appropriate input source with the input selection keys.   |
|   | Another input source is selected on the TV.   | Switch the TV input to display the video from the unit.   |
| <b>No video from the playback device connected to the unit with HDMI.</b> | The input video signal (resolution) is not supported by the unit.                                   | To check the information about the current video signal (resolution), see "Information" under "Video/HDMI" in the "Setup" menu (p. 26). For information about video signals supported by the unit, see "HDMI signal compatibility" in the Owner's Manual. |
|   | The TV does not support HDCP (High-bandwidth Digital Content Protection).                           | Refer to the instruction manuals for the TV and check the TV's specifications. If you want to play back contents that require HDCP 2.2-compatible devices, both the TV and playback device must support HDCP 2.2.   |
| <b>Cannot make the connection settings on MusicCast CONTROLLER.</b>       | The mobile device is not connected to the wireless router at your home.                             | Connect the mobile device to the wireless router and use MusicCast CONTROLLER.  |
|   | It takes time for the app to detect the unit.   | Wait a moment while making sure that your mobile device will not be in the sleep mode.  |
|   | Access to the network is restricted by the firewall settings of the wireless router (access point). | Check the firewall setting and the MAC address filter of the wireless router (access point).  |

# Specifications

| Bluetooth                           |                                   |
|-------------------------------------|-----------------------------------|
| Supported profile                   | A2DP, AVRCP                       |
| Supported codec                     | SBC, AAC                          |
| Bluetooth version                   | Ver. 4.2                          |
| Wireless output                     | Bluetooth Class 2                 |
| Maximum communication distance      | 10 m (33 ft) without interference |
| Supported content protection method | SCMS-T                            |

| Network        |  |                                 |
|----------------|--|---------------------------------|
| Wi-Fi function | Radio Frequency Band                                       | 2.4 GHz, 5 GHz band             |
|                | Wireless LAN Standards: IEEE 802.11 a/b/g/n/ac*            | * 20 MHz channel bandwidth only |
|                | Security Method: WEP, WPA2-PSK (AES), Mixed Mode           |                                 |
|                | Capable of WPS by PIN Method and Push-Button-Method        |                                 |
|                | Capable of sharing with iOS devices by wireless connection |                                 |

| Tuner               |                          |   |
|---------------------|--------------------------|---|
| FM/AM Tuning Range  | U.S.A. and Canada models | [FM] 87.5 MHz to 107.9 MHz<br>[AM] 530 kHz to 1710 kHz              |
|                     | China model              | [FM] 87.50 MHz to 108.00 MHz<br>[AM] 531 kHz to 1611 kHz            |
| DAB/FM Tuning Range | Australia model          | [DAB] 174 MHz to 240 MHz (Band III)<br>[FM] 87.50 MHz to 108.00 MHz |

| General  |  |                    |                    |
|--|--|--------------------|--------------------|
| Power Supply   | U.S.A. and Canada models   | AC 120 V, 60 Hz    |                    |
|  | China model  | AC 220 V, 50 Hz    |                    |
|  | Australia model  | AC 240 V, 50 Hz    |                    |
| Power Consumption  | 490 W  |                    |                    |
| Standby Power Consumption  | HDMI Control Off/Standby Through Off/Network Standby OFF                               | 0.1 W              |                    |
|  | HDMI Control On/Standby Through On/Network Standby OFF<br>Input: AV 1 (HDMI no signal) | 1.4 W              |                    |
|  | HDMI Control OFF/Standby Through OFF/Network Standby ON/Bluetooth Standby OFF          | Wired              | 1.4 W              |
|  |  | Wireless (Wi-Fi)   | 1.7 W              |
|  | HDMI Control OFF/Standby Through OFF/Network Standby ON (Wired)/Bluetooth Standby ON   | 1.5 W              |                    |
| HDMI Control ON/Standby Through ON/Network Standby ON (Wi-Fi)/Bluetooth Standby ON       | 2.5 W  |                    |                    |
| Dimensions (W x H x D)   | 435 x 192 x 474 mm (17-1/8" x 7-1/2" x 18-5/8")  |                    |                    |
| Reference Dimensions (with wireless antenna upright)<br>* Including legs and protrusions | 435 x 269 x 474 mm (17-1/8" x 10-5/8" x 18-5/8")                                       |                    |                    |
| Weight   | RX-V3085   | China model        | 19.6 kg (43.2 lbs) |
|  |  | Other models       | 18.1 kg (39.9 lbs) |
|  | RX-V2085   | 17.0 kg (37.5 lbs) |                    |

The contents of this manual apply to the latest specifications as of the publishing date. Refer to the Owner's Manual on the Yamaha website to confirm specifications other than described above and obtain the latest information of the unit.

# 注意事项

请在使用前，仔细阅读下述内容。请务必按照这些指示操作。

下列注意事项能够防止给用户和其他事物造成伤害的风险以及防止财产损失，并为用户合理、安全地使用本产品提供帮助。请务必按照这些指示操作。

阅读完本手册后，请将本手册放置在安全的位置以便您日后参考。

- 请务必向您购买本产品的经销商或具有资质的Yamaha服务人员要求检测或维修。
- 对由于不正当使用、擅自改造本产品所造成的人身伤害和产品损坏或数据丢失或损坏，Yamaha不负任何责任。
- 本产品适用于普通家庭。请勿用于需要高可靠性的应用，例如管理生命、医疗保健或高价值资产。



本内容表示“有重伤或死亡的风险”。

## 电源/电源线

- 请勿进行任何会伤害电源线的操作。
    - 请勿将电源线放置在取暖器附近。
    - 请勿将电源线过度弯曲或改变形状。
    - 请勿刮擦电源线。
    - 请勿将电源线放置在重物之下。
- 将电源线/适配器的芯线暴露在外使用，可能造成触电或火灾。
- 当可能发生闪电时，请勿触摸电源插头或电线。否则可能造成触电。
  - 使用电源电压印制其上的产品。未连接适当AC插座可能造成火灾、触电或故障。
  - 一定要使用电源线。另外，请勿使用其他设备的电源线。否则可能造成火灾、烧伤或故障。
  - 定期检查电插头，擦除插头上积起来的脏物或灰尘。否则可能造成火灾或触电。
  - 设置本产品时，请确认要使用的AC插座伸手可及。如果发生问题或者故障，

请立即断开电源开关并从AC插座中拔下插头。即使电源已经关闭，只要电源线未从AC插座上拔除，本产品就不会从电源上真正断开。

- 如果听到雷声或怀疑闪电接近，请快速关闭电源开关并将插头从AC插座上拔下。否则可能造成火灾或故障。
- 如果长时间不使用本产品，请务必将插头从AC插座上拔下。否则可能造成火灾或故障。

## 请勿拆卸

- 请勿拆卸或改装本产品。否则可能造成火灾、触电、受伤或故障。如果您发现任何不恰当的操作，请务必向您购买本产品的经销商或具有资质的Yamaha服务人员要求检测或维修。

## 防水警告

- 请勿让本产品淋雨或在水附近及潮湿环境中使用，或将盛有液体的容器（如花瓶、水瓶或玻璃杯）放在其上，否则可能会导致液体溅入任何开口或可能掉落水的位置。液体，如水等进入本产品，可能造成火灾、触电或故障。如果任何液体如水渗入本设备，请立即切断电源并从AC电源插座拔下电源线。然后，请向您购买本产品的经销商或具有资质的Yamaha服务人员要求检测产品。
- 切勿用湿手插拔电源线插头。请勿使用湿手搬运本产品。否则可能造成触电或故障。

## 防火警告

- 请勿让任何燃烧物或明火靠近本产品，否则可能造成火灾。

## 保养与维护

- 请勿使用含有易燃气体的喷雾器或喷雾状化学品进行清洁或润滑。残留的易燃气体会造成爆炸或火灾。

## 电池使用

- 请勿拆卸电池。如果电池中的物质泄漏在您的手上或进入眼睛，可能会造成失明或化学烧伤。
- 请勿将电池丢入火中。否则可能引起电池爆炸，造成火灾或受伤。
- 请勿将电池曝露在高温下，如直射的阳光下或明火下。电池可能爆炸，造成火灾或受伤。
- 请勿给非可充电电池充电。否则可能引起电池爆炸或泄露，会造成失明、化学烧伤或受伤。
- 如果电池漏液，请勿接触泄漏的电解液。如果电解液接触到眼睛、口部或皮肤，请立即用水冲洗并就医。电解液具有腐蚀性，可能会造成失明或化学灼伤。

## 无线设备

- 请勿在医疗设备附近或医疗设施内使用本产品。本产品的无线电波可能影响电子医疗设备。
- 请勿在装有心脏起搏器或除颤器的人员的15厘米范围内使用本产品。本产品的无线电波可能影响如心脏起搏器或除颤器的电子医疗设备。

## 当意识到任何异常情况时

- 当出现以下任何一种异常时，请立即关闭电源并断开电源插头。当出现以下任何一种异常时，请立即关闭放大器和接收器。
  - 电源线/插头损坏。
  - 本产品发出异味或烟雾。
  - 异物进入本产品。
  - 使用过程中声音中断。
  - 产品出现裂缝或损坏。

继续使用可能造成触电、火灾或故障。请立即向您购买本产品的经销商或具有资质的Yamaha服务人员要求检测或维修。

- 请注意不要使本产品掉落或对其施加重力。如果怀疑因掉落等情况对本产品造成损坏，请立即关闭电源并将插头从AC插座上拔下。否则可能造成触电、火灾或故障。请立即向您购买本产品的经销商或具有资质的Yamaha服务人员要求检测。



**注意**

本内容表示“有受伤的风险”。

## 电源/电源线

- 请勿使用与电源插头相比较松的AC插座。否则可能造成火灾、触电或烧伤。
- 当从本产品或AC插座中拔出电源线插头时，请务必抓住插头而非电源线。若拉扯电源线可能导致损坏并造成触电或火灾。
- 请始终将电源插头牢固地插入AC插座中。在插头未充分插入插座的情况下使用本产品将会使得灰尘积聚在插头上，造成火灾或烧伤。

## 安装

- 请勿将本产品放在不稳定的地方，否则可能导致突然掉落或翻倒并造成人身伤害。
- 请勿堵住本产品的通风口（冷却缝隙）。本产品在顶部/侧面/底部有通风口，用以防止内部温度过高。否则堵住通风口可能会积聚热量，造成火灾或

故障。

- 当安装本产品时：
  - 请勿用布遮盖。
  - 请勿在地毯上安装。
  - 确保顶部面板朝上，请勿侧放或倒放安装。
  - 请勿在狭小、通风不良的地点使用设备。否则可能会积聚热量，造成火灾或故障。请确保产品附近有充足的空间：距离顶部至少 30 cm，距离侧面至少 20cm，距离背面至少 20cm。
- 请勿将产品安装在可能接触腐蚀性气体或含盐份空气的场所。否则可能导致故障。
- 地震等自然灾害发生时请勿靠近本产品。由于产品可能翻倒或坠落造成人身伤害，请尽快远离产品并转移到安全地带。
- 移动本产品前，请务必关闭电源开关和断开所有连接线。否则可能损坏线缆或造成您或他人绊倒和跌倒。
- 搬运或移动本机时，请务必必要两人或两人以上。试图自行抬起本机可能会使您的背部受伤而导致其他伤害，或导致本机受损。
- 为了室外天线的正确安装，确保让购买本机的经销商或有资质的服务人员来完成。如果不能遵守，可能会导致安装失败，并造成受伤。安装需要专业技术和经验。

## 听力损伤

- 请勿长时间持续在很高或不舒服的音量水平使用本产品/扬声器或耳机，否则可能会造成永久性听力损害。若发生任何听力损害或耳鸣，请尽快就医。
- 将本产品连接到其它设备之前，请关闭所有设备的电源开关。打开或关闭所有设备电源之前，确保将所有设备的音量调节到最小。否则可能造成听力损伤、触电或设备受损。
- 打开音频系统的交流电源时，请始终最后打开放大器或接收器，以避免听力损伤及损坏音箱。同样，关闭电源时，请首先关闭放大器或接收器。否则可能造成听力损伤或音箱受损。

## 维护保养

- 清洁产品之前，请从AC插座拔出电源插头。否则可能造成触电。

## 小心操作



- 请勿触摸有此标签的表面。否则可能会造成烧伤。本设备上的标签表示标签黏贴的表面可能在操作中变热。
- 请勿将您的手或手指插入本产品的通风口中。否则可能造成受伤。
- 请勿将如金属或纸等异物插入本产品的通风口中。否则可能造成火灾、触

电或故障。如果有异物进入本产品，请立即关闭电源并将插头从AC插座上拔下，并向您购买本产品的经销商或具有资质的Yamaha服务人员要求检测产品。

- 请勿执行以下操作：
  - 将重物置于设备顶上。
  - 堆放设备。
  - 对按钮、开关、输入/输出端子等施加不合理外力。
- 避免拉拽已连接的线缆以保护人员因产品掉落而受伤或产品损坏。

## 电池使用

- 电池换新时，请务必同时全部更换。请勿新旧电池混用。新旧电池混用会因液体泄漏造成火灾、烧伤或发炎。
- 请勿使用非指定电池。否则可能因液体泄漏造成火灾、烧伤或发炎。
- 请勿混用不同的电池，比如碱性电池与锰电池，不同品牌的电池，或同一品牌但不同型号的电池，否则会因液体泄漏造成火灾、烧伤或发炎。
- 远离儿童。否则可能误吞。否则会因电池液体泄漏造成发炎。
- 请勿将电池与金属片同时放在口袋或包中运输或储存。电池可能短路、燃烧或泄露，引起火灾或伤害。
- 装入电池时，请务必使其正负极与+/-极标记保持一致。否则可能造成火灾、烧伤或因电解液泄漏而引发炎症。
- 当电池耗尽或长时间不使用本产品时，请将电池从遥控器中取出以防电解液泄漏。
- 当保存和废弃电池时，请使用胶带或其他保护措施绝缘端子部分。将电池与其他电池或金属物体混在一起可能造成火灾、烧伤或因电解液泄漏引发炎症。

## 须知

表示为防止产品失效、损坏或故障、数据丢失必须遵守的要点。

### 电源/电源线

- 如果长时间不使用本产品，请务必将插头从电源插座上拔下。即便⏻（待机/开启）开关关闭（屏幕显示关闭），也依然会有微电流流动。

### 安装

- 请勿在其他电子产品附近使用本产品，如电视机、收音机或手机。否则可能会使本产品、电视机、收音机产生噪声。
- 请勿在阳光直射的地方使用本产品，例如在加热器附近会使产品变得非常

热，或是变得非常冷，或使产品受到过多的灰尘或震动。否则会造成产品面板变形，内部元件故障，或使操作变得不稳定。

- 安装本产品时请尽可能远离其他电子设备。  
本产品的数字信号可能会对其他电子设备造成干扰。
- 如果使用无线网络，请避免将本产品安装在金属墙或桌面、微波炉或其他无线网络设备附近。  
障碍物可能会缩短传输距离。

## 连接

- 如果连接外部产品，请务必彻底阅读每个产品的使用说明书，并按照指示进行连接。  
如果没有根据指示正确地操作产品将造成故障。
- 请勿将本产品连接至工业产品。  
个人使用和工业使用的产品的数字音频接口标准有所不同。本产品为用于连接个人使用数字音频接口的设计。连接工业用途的数字音频接口可能对本产品造成故障，并对扬声器造成损坏。

## 操作处理

- 请勿将乙烯、塑料或橡胶物品放在本产品上。否则可能会造成本产品面板的变色或变形。
- 如果环境温度变化剧烈（如在产品运输过程中或快速加热或冷却），产品内部可能发生冷凝，请将本产品保持电源关闭状态数小时，直至完全干燥后再使用。发生冷凝时使用本产品会造成故障。

## 维护保养

- 清洁设备时，请使用柔软的干布。使用汽油或稀释剂、清洗剂、化学洗涤剂或化学药品会造成变色或变形。

## 电池

- 请务必根据当地法规处置废弃的电池。

## 信息

### 关于本手册中的内容

- 本书中出现的插图和画面仅供说明用途。
- 本使用说明书中所使用的公司名和产品名都是各自公司的商标或注册商标。
- 软件如有变更和升级，恕不另行通知。





此标识适用于在中华人民共和国销售的电子信息产品。  
标识中间的数字为环保使用期限的年数。

### 产品中有害物质的名称及含量

| 部件名称    | 有害物质   |        |        |              |            |              |
|---------|--------|--------|--------|--------------|------------|--------------|
|         | 铅 (Pb) | 汞 (Hg) | 镉 (Cd) | 六价铬 (Cr(VI)) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) |
| 电路板     | ×      | ○      | ○      | ○            | ○          | ○            |
| 外壳箱体    | ×      | ○      | ○      | ○            | ○          | ○            |
| 前部面板显示器 | ×      | ○      | ○      | ○            | ○          | ○            |

本表格依据 SJ/T 11364 的规定编制。

○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

### 保护环境

如果需要废弃设备（及电池）时，请与本地相关机构联系，获取正确的废弃方法。请勿将设备（及电池）随意丢弃或作为生活垃圾处理。

## 雅马哈乐器音响（中国）投资有限公司

上海市静安区新闻路1818号云和大厦2楼

客户服务热线：400-051-7700

公司网址：<http://www.yamaha.com.cn>

制造商：雅马哈株式会社

制造商地址：日本静冈县滨松市中区中泽町10-1

进口商：雅马哈乐器音响（中国）投资有限公司

进口商地址：上海市静安区新闻路1818号云和大厦2楼

原产地：马来西亚

为便于您理解使用说明书的内容，本公司已经依据国家的相关标准尽可能的将其中的英文表述部分翻译成中文。但是，由于专业性、通用性及特殊性，仍有部分内容仅以原文形式予以记载。

### 2.4GHz

- 使用频率：2.4 - 2.4835 GHz
  - 等效全向辐射功率 (EIRP):  
天线增益 < 10dBi 时：≤ 100 mW 或 ≤ 20 dBm
  - 最大功率谱密度：  
天线增益 < 10dBi 时：≤ 10 dBm / MHz (EIRP) (Wi-Fi)  
天线增益 < 10dBi 时：≤ 20 dBm / MHz (EIRP) (Bluetooth)
  - 载频容限：20 ppm
  - 带外发射功率 (在 2.4-2.4835GHz 频段以外)  
≤ -80 dBm / Hz (EIRP)
  - 杂散发射 (辐射) 功率 (对应载波 ±2.5 倍信道带宽以外):  
≤ -36 dBm / 100 kHz (30 - 1000 MHz)  
≤ -33 dBm / 100 kHz (2.4 - 2.4835 GHz)  
≤ -40 dBm / 1 MHz (3.4 - 3.53 GHz)  
≤ -40 dBm / 1 MHz (5.725 - 5.85 GHz)  
≤ -30 dBm / 1 MHz (其它 1 - 12.75 GHz)
- 不得擅自更改发射频率、加大发射功率 (包括额外加装射频功率放大器)，不得擅自外接天线或改用其它发射天线；
- 使用时不得对各种合法的无线电通信业务产生有害干扰；一旦发现有干扰现象时，应立即停止使用，并采取措施消除干扰后方可继续使用；
- 使用微功率无线电设备，必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰；
- 不得在飞机和机场附近使用。

## 5GHz

- 工作频率范围: 5150 - 5350 MHz
  - 等效全向辐射功率 (EIRP):  $\leq 200\text{mW}$
  - 最大功率谱密度:  $\leq 10\text{ dBm / MHz}$
  - 载频容限: 20 ppm
  - 带外发射功率 (EIRP):  $\leq -80\text{ dBm / Hz}$
  - 杂散发射 (辐射) 功率:
    - $\leq -36\text{ dBm / 100 kHz}$  (30 - 1000 MHz)
    - $\leq -54\text{ dBm / 100 kHz}$  (48.5 - 72.5MHz, 76-118MHz, 167-223MHz, 470-798MHz)
    - $\leq -40\text{ dBm / 1 MHz}$  (2400 - 2483.5 MHz)
    - $\leq -33\text{ dBm / 100 KHz}$  (5150 - 5350 MHz)
    - $\leq -40\text{ dBm / 1MHz}$  (5470 - 5850 MHz)
    - $\leq -30\text{ dBm / 1 MHz}$  (其它 1 - 40 GHz)
2. 不得擅自更改发射频率、加大发射功率 (包括额外加装射频功率放大器), 不得擅自外接天线或改用其它发射天线;
3. 使用时不得对各种合法的无线电通信业务产生有害干扰; 一旦发现有害干扰现象时, 应立即停止使用, 并采取措施消除干扰后方可继续使用;
4. 使用微功率无线电设备, 必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰;

## 5GHz

- 工作频率范围: 5725 - 5850 MHz
  - 发射功率:  $\leq 500\text{ mW}$  和  $\leq 27\text{ dBm}$
  - 等效全向辐射功率 (EIRP):  $\leq 2\text{ W}$  和  $\leq 33\text{ dBm}$
  - 最大功率谱密度:  $\leq 13\text{ dBm / MHz}$  和  $\leq 19\text{ dBm / MHz}$  (EIRP)
  - 载频容限: 20 ppm
  - 带外发射功率 (EIRP):  $\leq -80\text{ dBm / Hz}$  ( $\leq 5725\text{MHz}$  或  $\geq 5850\text{MHz}$ )
  - 杂散发射 (辐射) 功率:
    - $\leq -36\text{ dBm / 100 kHz}$  (30 - 1000 MHz)
    - $\leq -40\text{ dBm / 1 MHz}$  (2400 - 2483.5 MHz)
    - $\leq -40\text{ dBm / 1 MHz}$  (3400 - 3530 MHz)
    - $\leq -33\text{ dBm / 100 kHz}$  (5725 - 5850 MHz)
    - (注: 对应载波 2.5 倍信道带宽以外)
    - $\leq -30\text{ dBm / 1 MHz}$  (其它 1 - 40 GHz)
2. 不得擅自更改发射频率、加大发射功率 (包括额外加装射频功率放大器), 不得擅自外接天线或改用其它发射天线;
3. 使用时不得对各种合法的无线电通信业务产生有害干扰; 一旦发现有害干扰现象时, 应立即停止使用, 并采取措施消除干扰后方可继续使用;
4. 使用微功率无线电设备, 必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰;
5. 不得在飞机和机场附近使用。

|  |
|--|
| 接入本设备的有线网络天线必须与保护接地隔离，否则可能会引起着火等危险！  |
| <p>අපේ අපරිහිතවලට සම්බන්ධ කළහොත් ආවේණිකව එකතු කළහොත් ඒකදී ඉහළින් දී ඇති විද්‍යුත් ආරක්ෂණ ක්‍රම අනුගමනය කිරීමට අවශ්‍ය වේ. අනෙක් අතරින් සෑම විද්‍යුත් ආරක්ෂණ ක්‍රමයක්ම අනුගමනය කළ යුතුය.</p> |
| <p>སྤྲིག་ཆས་འདི་ལྟར་ཡོད་པའི་འཕྲིན་དྲེང་གནས་སྐབས་དང་འབྲེལ་མཐུན་བྱེད་སྐབས་ངེས་པར་དུ་ཉེན་འཁོག་སྐབས་དང་ལོགས་སྐབས་དགོས། དེ་ལྟར་མ་བྱས་ན་མི་འབར་བ་ལ་སོགས་པའི་ཉེན་འཕྲོད་ལྔོད།</p>                  |
| <p>بۇ ئۈسكۈنىگە ئۇلايدىغان سىملىق تور ئانتېنىسىنى يەرگە ئۇلاپ بىخەتەرلەشتۈرۈش بىلەن ئايرىۋېتىشكە، بولمىسا ئوت كېتىشتەك خەۋپلەر كېلىپ چىقىدۇ</p>  |
| <p>Gij mizsienq vangjloz denhsen ciephaeuj bonj sezbi daeuj haenx itdingh aeu caeuq gij ciepdieg baujhoh doxliz, mboujne aiq miz gij yungyiemj dawzfeiz daengj!</p>                        |

|  |
|--|
| 仅适用于非热带气候条件下安全使用。  |
| <p>අනෙක් අතරින් සෑම විද්‍යුත් ආරක්ෂණ ක්‍රමයක්ම අනුගමනය කළ යුතුය. අනෙක් අතරින් සෑම විද්‍යුත් ආරක්ෂණ ක්‍රමයක්ම අනුගමනය කළ යුතුය.</p> |
| <p>ཚ་བའི་སྐབས་སྤྲིག་ཆས་གཤིས་མེན་པའི་སྐབས་སྤྲིག་ཆས་ཉེན་འཕྲོད་ལྔོད་བྱས་འཇུག།</p>   |
| <p>غەيرى ئىسسىق بەلباغ ھاۋا كىلىماتى شارائىتىدىلا بىخەتەر ئىشلەتكىلى بولىدۇ</p>  |
| <p>Dan hab yungh youq gij dienheiq diuzgen mbouj dwg diegndat haenx ancienz sawjyungh.</p>   |

# 简介

- 本机是用于在家中欣赏音乐和视频的产品。
- 本文件通过步骤演示说明基本音箱系统设置和设备配置。还包括如播放蓝光碟片、DVD 及电台内容等基本操作说明。
- 在本手册中，RX-V3085 供说明之用。某些零件或组件，如插孔，可能因具体型号而异。这些差异按要求表示。

本机有许多未在本文件中记述的功能。有关本产品的详情，请参阅雅马哈网站上的使用说明书。

按照下述方法中的一种查看最新的使用说明书。

## HTML 格式

- 扫描本文件封面上的二维码。
- 访问以下网站。  
<http://avpro.global.yamaha.com/manual/avr/rxv3085/>

## PDF 格式

- 访问以下网站。  
<http://download.yamaha.com/>

## 【仅限于美国客户】

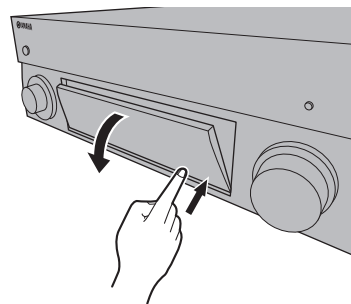
有关更多信息、常见问题、下载内容（如《使用说明书》）和产品更新，请访问以下网站。

<http://usa.yamaha.com/support/>

本文件中使用的商标和商品名均归其各自的所有者所有。有关更多信息，请参阅使用说明书。

## 打开和关闭前面板门

当使用前面板门后面的控制器或插孔时，轻轻按下门的底部将其打开。如果前面板门后面的控制器或插孔未使用，请保持门关闭。（小心不要夹住你的手指。）



## 功能

本机还具有以下功能，这些功能在本文件中没有描述。请参阅使用说明书来帮助您充分使用本机。

- 播放存储在媒体服务器（PC 或 NAS）上的音乐文件
- 通过网络 (AirPlay) 播放 iTunes 的音乐或 iPhone/iPad/iPod touch 的音乐
- 在多个房间中播放音乐（Zone 功能）
- 配置高级设置（ADVANCED SETUP 菜单）

有关详情，请参阅使用说明书上的“本机功能介绍”。



### AV SETUP GUIDE

AV SETUP GUIDE 是一种应用程序，可以指导您连接电视机或播放设备（例如 BD / DVD 或 CD 播放器）以及将音箱连接至收音扩音机等程序。有关详细信息，请在 App Store 中搜索“AV SETUP GUIDE”。

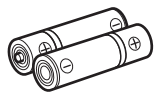
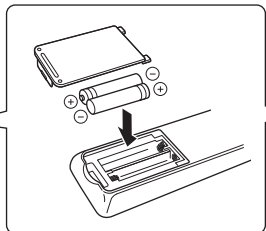
# 1

## 准备工作

### 确认包装内容



遥控器



电池 (AAA, LR03, UM-4)  
(x2)



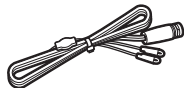
AM 天线  
(澳大利亚型号除外)



电源线  
附带的电源线因购买地区而异。



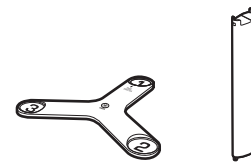
FM 天线  
(澳大利亚型号除外)



DAB/FM 天线  
(澳大利亚型号)



YPAO 麦克风



麦克风底座 支架  
用于在 YPAO 期间测量角度 / 高度。

具体附带上述哪个配件因  
购买地区而异。

天线隔离器

快速启动指南 (本册子)

### 准备缆线

需要以下缆线 (非附带) 来构建本文档中所述的系统。

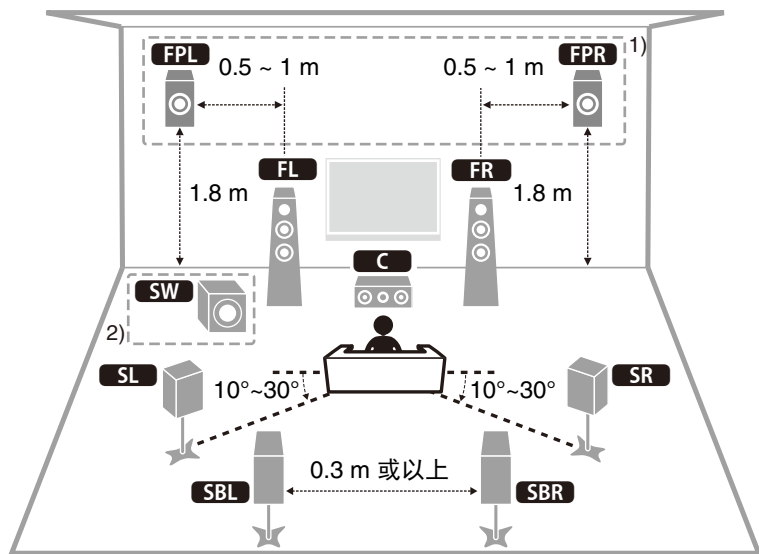
- 音箱缆线 (视音箱的数量定)
- 音频针口缆线 (x1)
- HDMI 缆线 (x3)
- 网络缆线 (x1) (通过网络缆线连接至路由器时)

# 2

## 连接音箱 / 低音炮

### 放置音箱

利用图表作为参考来设置音箱。



- FL / FR** 前置音箱 (左/右)
- C** 中置音箱
- SL / SR** 环绕声音箱 (左/右)
- SBL / SBR** 后环绕声音箱 (左/右)
- FPL / FPR** 前置现场感音箱 (左/右) <sup>1)</sup>
- SW** 低音炮 <sup>2)</sup>

<sup>1)</sup> 7.1.2 声道系统

<sup>2)</sup> 最多可以连接两个低音炮。

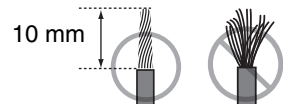
### 连接 6-Ohm 音箱时

将本机的音箱阻抗设置为“6ΩMIN”。有关详细信息，请参阅使用说明书中“连接音箱”下的“设置音箱阻抗”。

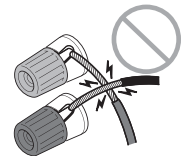
### 音箱缆线连接的注意事项

- 请确保本机与低音炮关闭。
- 准备音箱缆线时请远离本机，以防意外将钢丝绳跌落到本机内部，导致其短路或故障。
- 音箱缆线连接不当可能会导致短路，损坏设备或音箱。

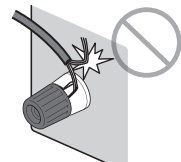
– 从音箱缆线端部小心地剥去大约 10mm 的绝缘皮，然后将缆线的线芯紧紧捻在一起。



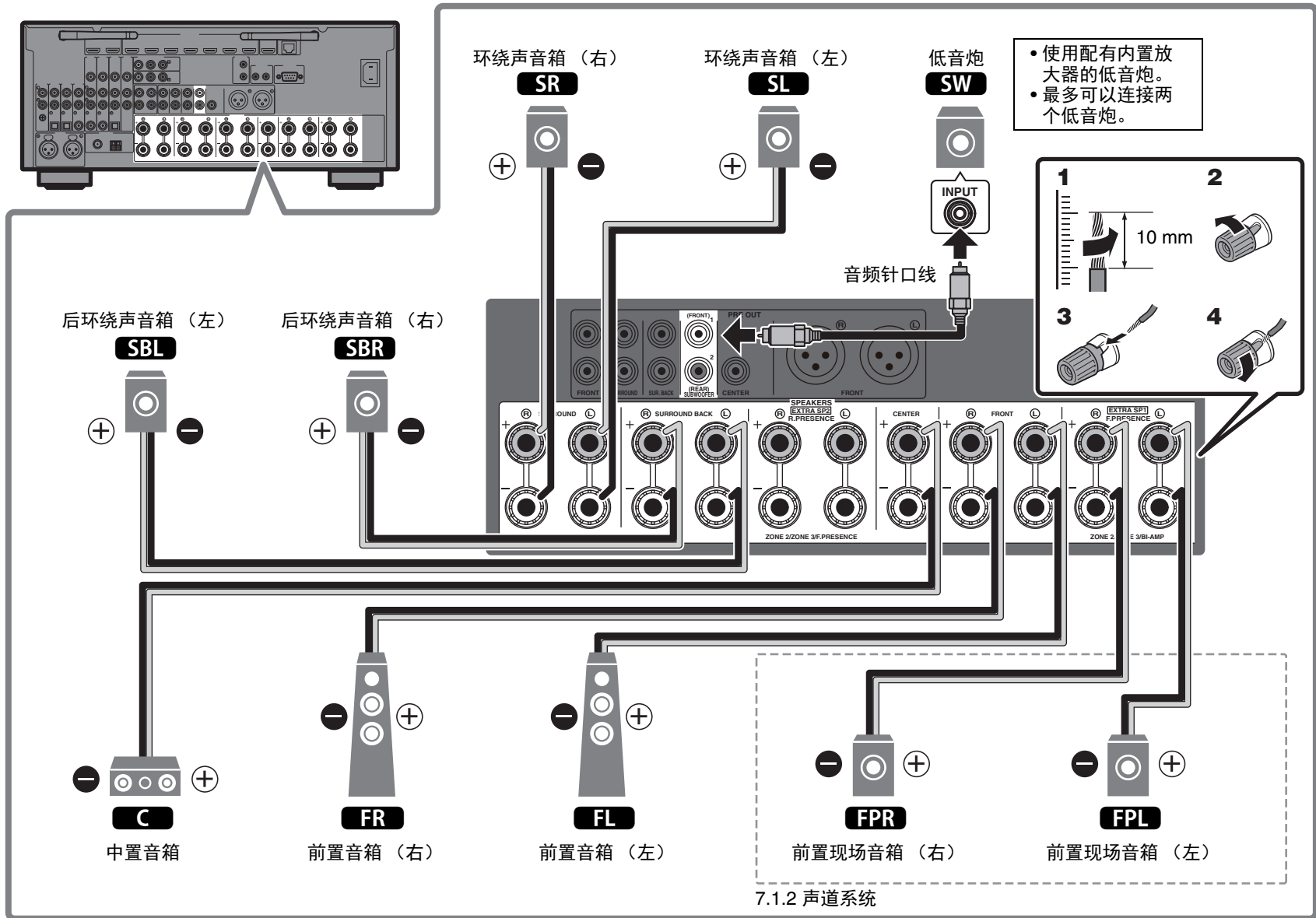
– 不要让音箱缆线的线芯相互接触。



– 不要让音箱缆线的线芯接触本机的金属部件（后面板和螺丝）



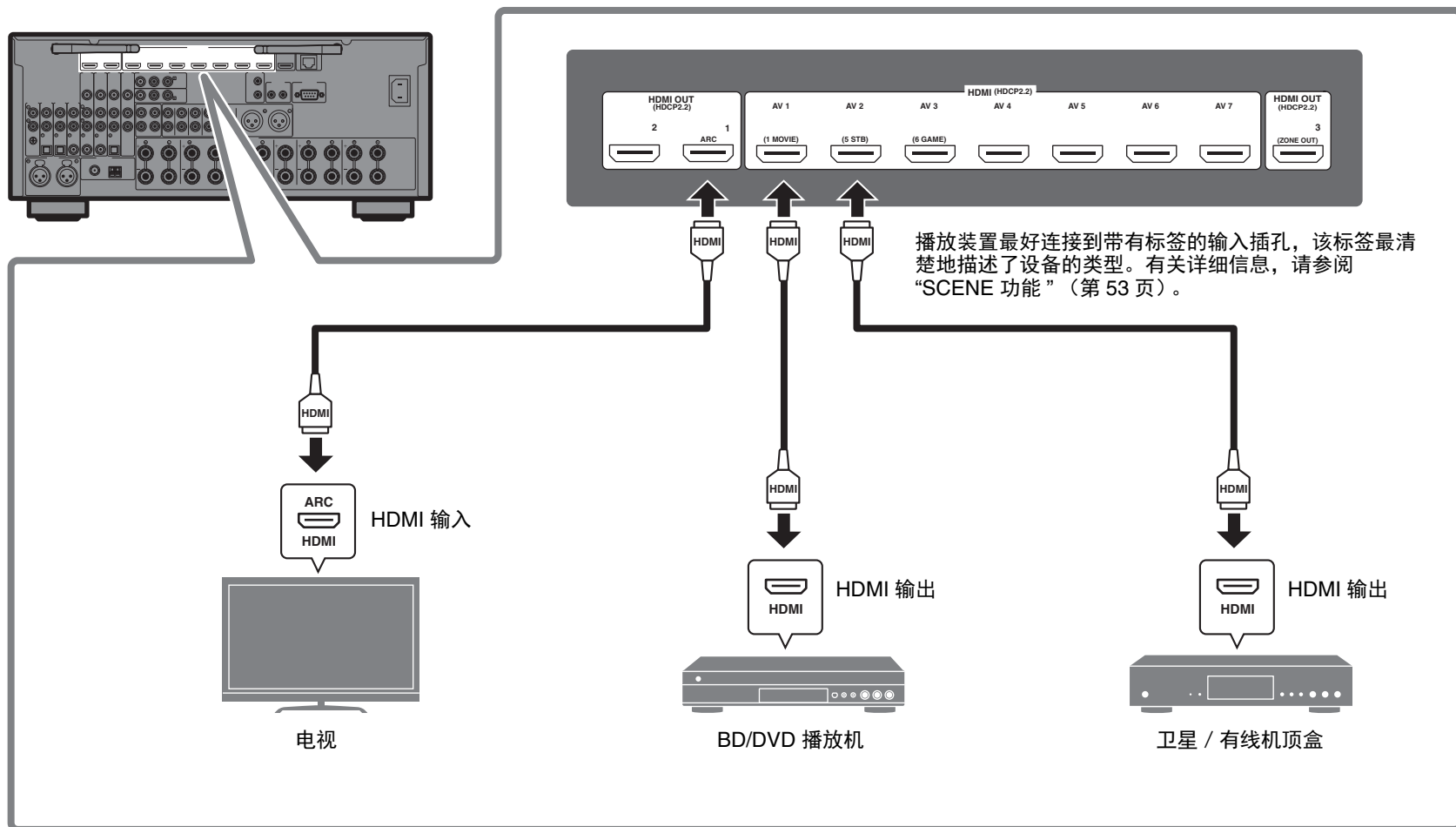
如果开启本机时在前面板显示屏上出现“Check SP Wires”，则关闭本机，然后检查音箱缆线是否短路。





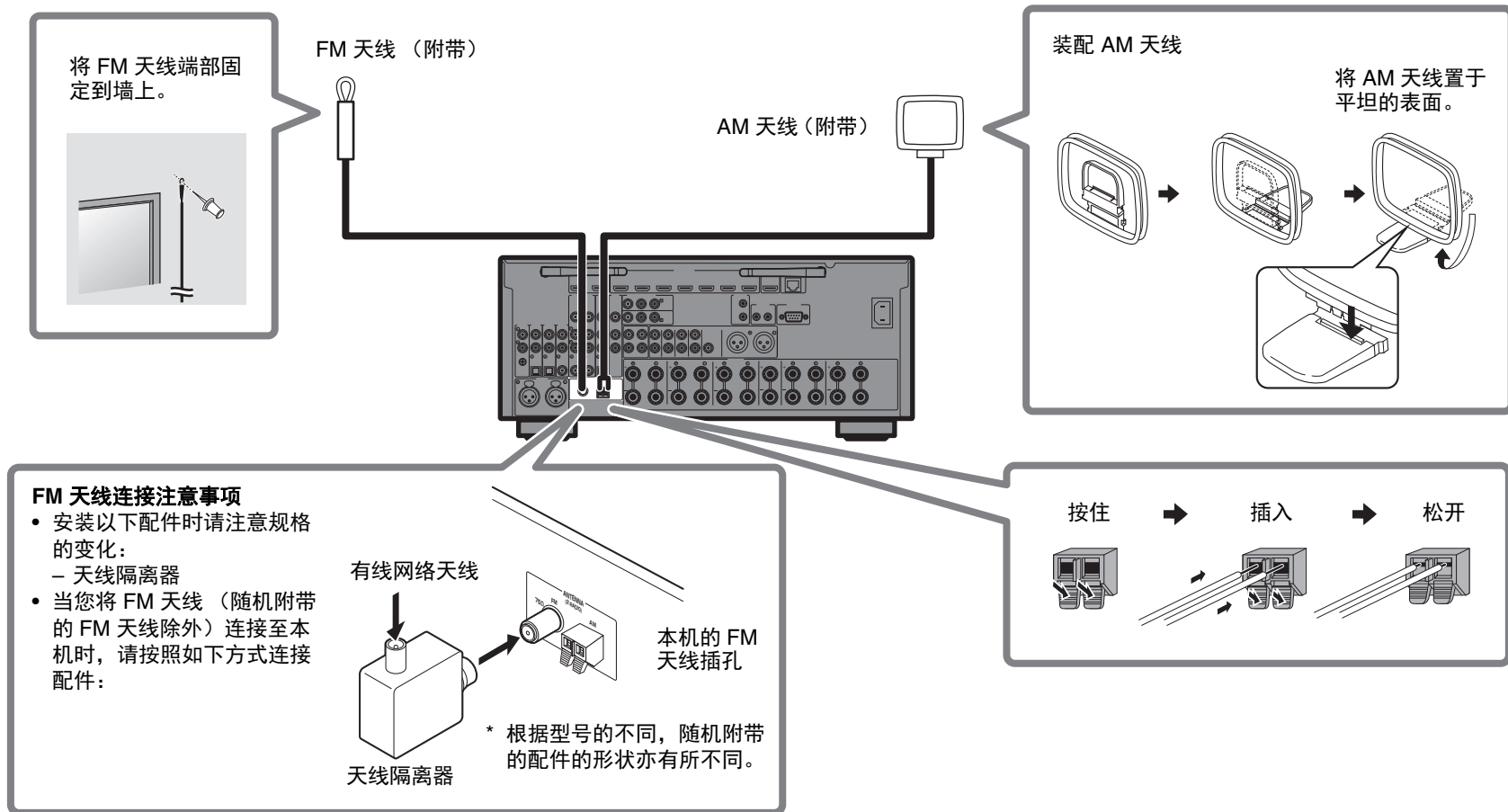
# 3

## 连接外部装置

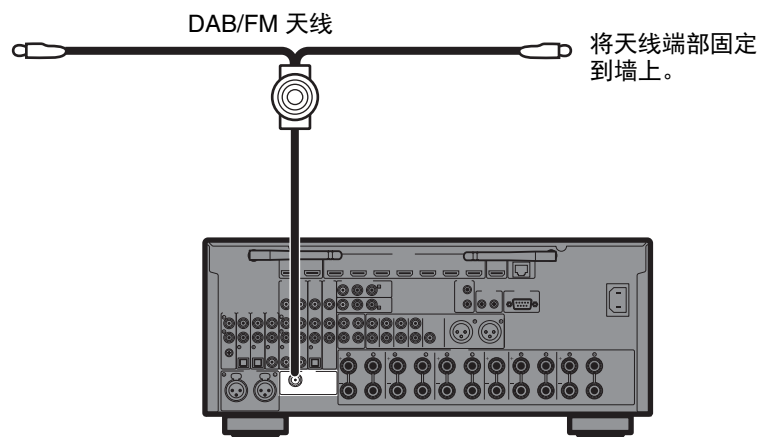


# 4 连接无线电天线

## 连接 FM/AM 天线 (澳大利亚型号除外)



## DAB/FM 天线 (澳大利亚型号)

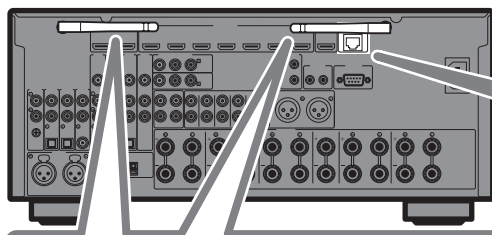


# 5 准备网络连接

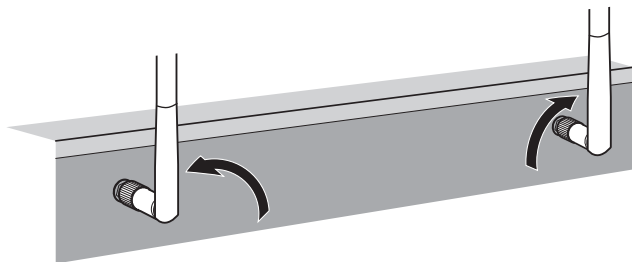
根据您的网络环境准备有线或无线网络连接。

## 注

本机与 Bluetooth 装置连接时，请务必抬高无线天线。



## 无线网络连接

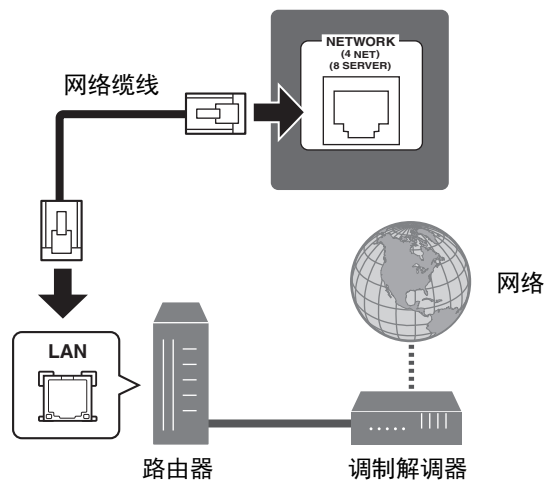


抬高无线天线使其能够直立。  
(将设备连接至无线路由器的流程如步骤 8 所示。)

## 须知

请勿在天线上施加过大的力。否则会将其损坏。

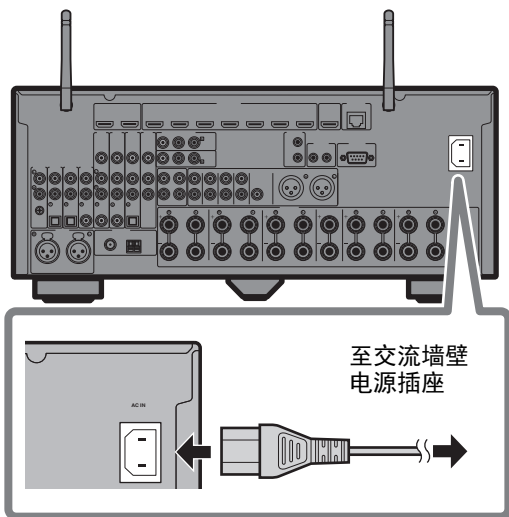
## 有线网络连接



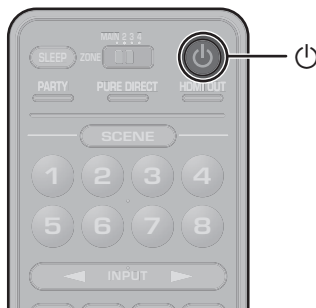
# 6

## 将电源线连接至交流墙壁电源插座，然后开启设备

- 1 将电源线插入到交流墙壁电源插座。



- 2 按 （接收器电源）打开本机。



- 3 打开电视，然后切换电视输入以显示来自本机的视频（HDMI OUT 插孔）。

在购买后第一次开启设备时，电视上会显示如下的网络设置屏幕。可能需要几十秒钟时间可以显示屏幕（WAC: Wireless Accessory Configuration）。



在使用此功能将设备连接到网络时，请参阅使用说明书中“无线连接至网络”下的“共享 iOS 设备设置”。

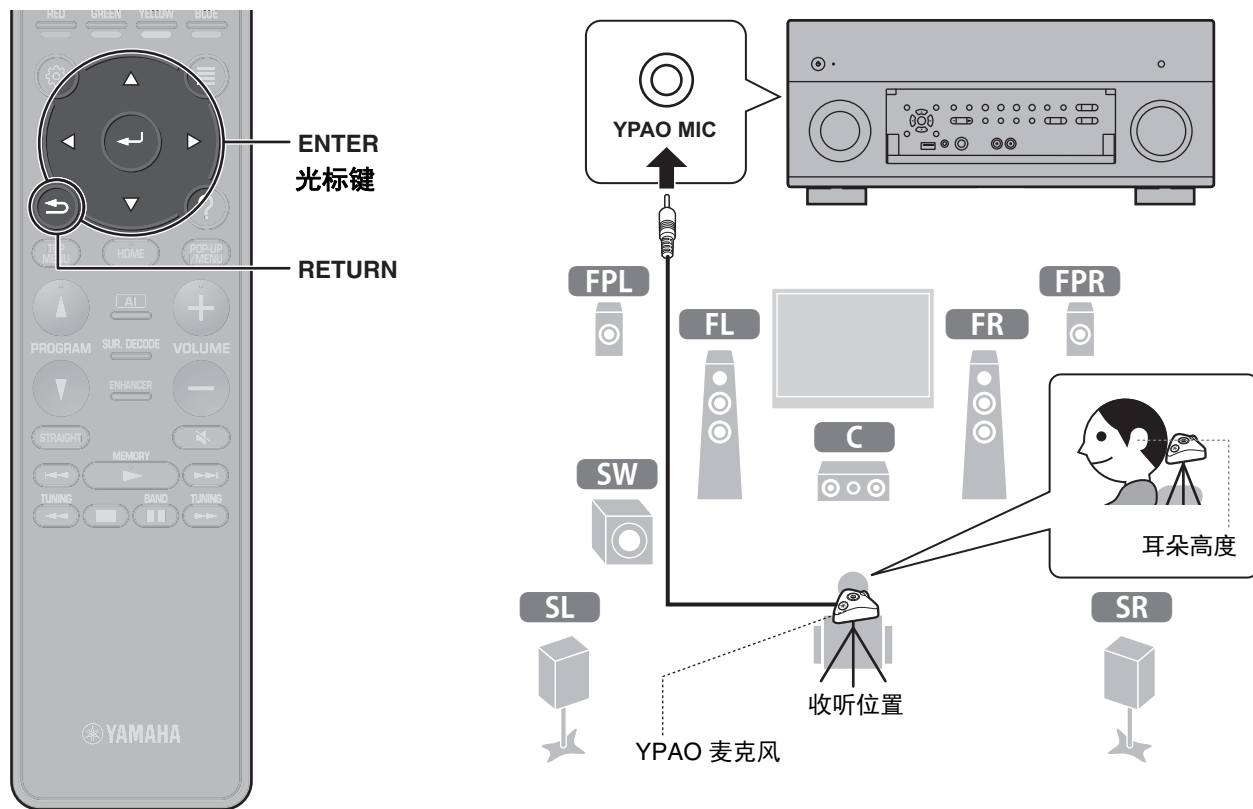
本文件通过安装在您移动设备上的 MusicCast CONTROLLER 应用程序解释了无线连接。按照“8 设置 MusicCast”（第 48 页）所述的程序进行操作。

### 注意

本机通过 NETWORK 插孔（有线连接）与路由器连接时，不显示此屏幕。

# 7 自动优化音箱设置 (YPAO)

Yamaha Parametric room Acoustic Optimizer (YPAO) 功能将检测音箱连接，测量音箱与收听位置之间的距离，然后自动优化音箱设置（如音量平衡和音响参数）以适应您的房间。

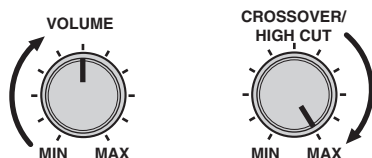


注意以下有关 YPAO 测量的信息

- 测试音会以高音量输出，所以可能会使小孩子受到惊吓。
- 无法调节测试音的音量。
- 请保持房间尽量安静。
- 请停留在收听位置后面房间的角落里，这样可以避免成为音箱和 YPAO 麦克风之间的障碍物。
- 不要连接耳机。

## 1 打开低音炮，然后将其音量设为原始音量的一半。

如果穿越频率可调节，则将其设为最大。



## 2 将 YPAO 麦克风放置在收听位置，然后将它连接至前面板上的 YPAO MIC 插孔。

电视上会出现下面的屏幕。



### 注

将 YPAO 麦克风放置在收听位置（与您耳朵的高度相同）。我们建议使用三脚架作为麦克风支架。可以用三角架螺钉稳定麦克风。

## 3 使用光标键选择“开始”然后按 ENTER。

10 秒钟后将开始测量。

测量大约需要 5 分钟时间。

完成测量时，电视上将出现以下屏幕。



### 注

如果出现错误信息（例如 ERROR 1）或警告信息（例如 WARNING 2），请参阅使用说明书中的“自动优化音箱设置 (YPAO)”。

## 4 选择“测定结果”并按 ENTER 显示结果。

确认结果后，按 RETURN 返回“测试结束”屏幕。

## 5 使用光标键选择“保存”然后按 ENTER。

## 6 断开 YPAO 麦克风与本机的连接。

这将完成对音箱设置的优化。

# 8 设置 MusicCast

## 什么是 MusicCast

MusicCast 是雅马哈全新的无线音乐解决方案，可以让您通过各种设备在您所有房间之间共享音乐。在您家中的任何地方，您都可以通过一款简单易用的应用程序从您的智能手机、PC、NAS 驱动器和音乐流媒体服务中享受音乐。有关 MusicCast 兼容产品的更多详细信息，请参阅以下网址：

<http://www.yamaha.com/musiccast/>

- 通过专用应用程序“MusicCast CONTROLLER”，不间断控制所有的 MusicCast 兼容设备。
- 通过音乐流媒体服务播放音乐。（兼容的音乐流媒体服务可能因您所在的地区和产品而有所差异。）
- 配置 MusicCast 兼容设备的无线网络设置。

### 注

如果不使用 MusicCast CONTROLLER 应用程序，请参阅使用说明书获取其它无线连接方法的信息。

## 使用 MusicCast CONTROLLER

要使用 MusicCast 兼容设备上的网络功能，您需要专用应用程序“MusicCast CONTROLLER”进行操作。在 App Store 上搜索免费的应用程序“MusicCast CONTROLLER”，并将其安装到您的设备上。

## 将本机添加到 MusicCast 网络

执行以下步骤，将本机添加到 MusicCast 网络。您还可以立即配置本机的无线网络设置。

### 注

将需要网络 SSID 和安全密钥。

- 1 点击移动设备上的 MusicCast CONTROLLER 应用程序 ，然后点击“设置”。**

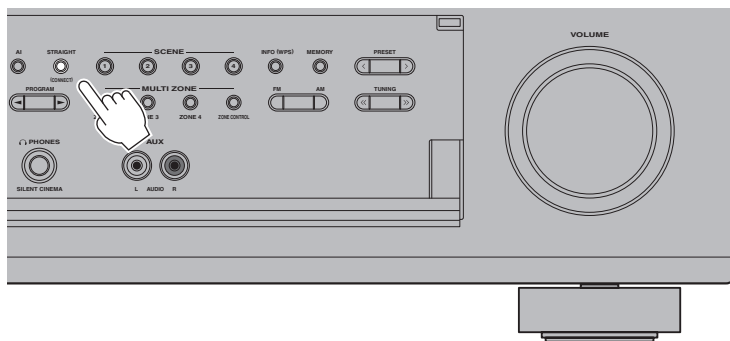
### 注

如果您已经将其它 MusicCast 兼容设备连接到网络，请点击“设置”，然后点击“添加新设备”。

- 2 遵循该应用程序屏幕上的指示。**



### 3 按照应用程序的说明按住设备前面板上的 CONNECT 按钮超过 5 秒钟。



### 4 按照应用程序的屏幕菜单说明配置网络设置。

当已经建立连接时，会在本机前面板显示屏上显示“Completed”。

已建立与 MusicCast CONTROLLER 应用程序的网络连接，且本机注册为 MusicCast 启用装置。

# 播放

本节介绍了播放蓝光碟片和 DVD 以及调谐至无线电电台等时的基本操作。使用遥控器可进行大部分操作。

## 基本播放功能

本机配有各种声音程序和环绕声解码器，使您能够用喜爱的声音模式欣赏播放源。

**PURE DIRECT:** 按 PURE DIRECT 启用直接播放模式后，本机会以最短线路播放选择的音源。这样，您便能欣赏高保真音质。

**PROGRAM (△/▽):** 可以选择适用于电影、音乐和未处理播放的声音程序。

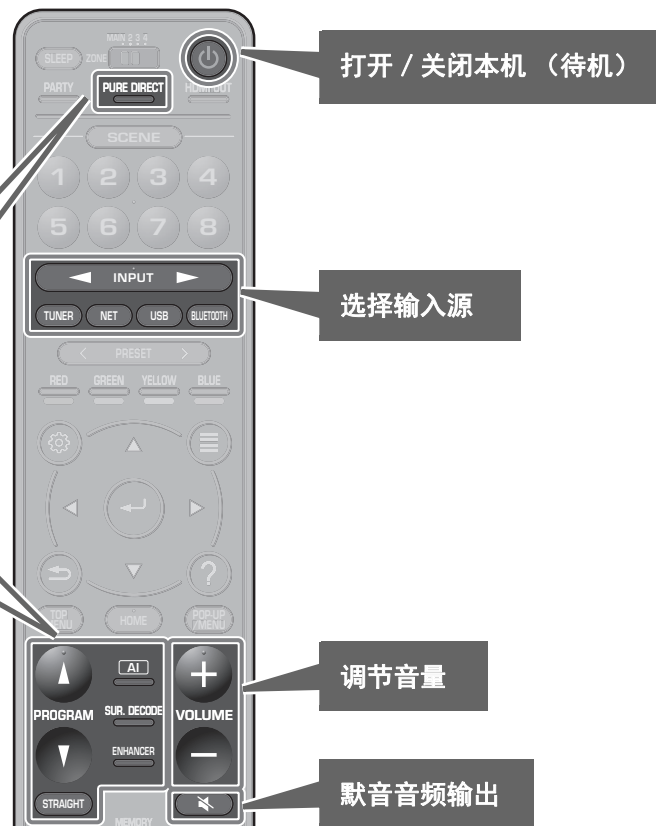
**STRAIGHT:** 将不施加任何声场效果，直接播放输入源。

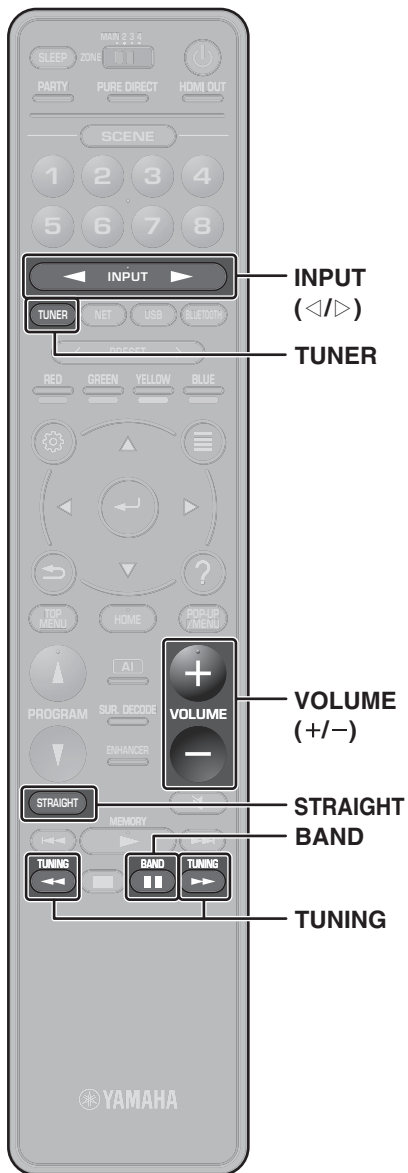
**[AI] (SURROUND: AI):** 该功能可即时分析内容，关注如对话、背景音乐、周围声音和音效等声音元素，并实时优化环绕声效果。这创造了逼真的超越常规声场效果的表现力。

**SUR.DECODE\*:** 环绕声解码器可以在未处理的多声道中播放 2 声道音源。

**ENHANCER:** 存储在 Bluetooth 设备或 USB 存储装置中的压缩音乐将以增强的深度和广度播放。

\* 网络流媒体为 Dolby 内容时推荐选择 Dolby Surround。





## 播放 BD/DVD

建议播放多声道音频（5.1 声道或更多）以感受本机产生的环绕立体声。

- 1 打开 BD/DVD 播放机。
- 2 重复按 INPUT (◀/▶) 以选择“AV 1”。

可能会显示例如“BD player”等所连接设备的名称。



- 3 开始在 BD/DVD 播放机上播放。
- 4 按 STRAIGHT 选择“STRAIGHT”。

**注**  
当“STRAIGHT”（直接解码）启用时，每个音箱均直接产生每个声道的音频信号（未经声场处理）。

- 5 按 VOLUME 调节音量。

**注**  
当无法听到声音，或某个特定音箱未输出声音时，请参阅“故障排除”。

## 收听 FM/AM 广播

（澳大利亚型号除外）

- 1 按 TUNER，选择“TUNER”作为输入源。
- 2 按 BAND 选择 FM 或 AM。
- 3 反复按 TUNING 设置频率。  
按住此键约 1 秒，即可自动搜索电台。



当本机接收 FM/AM 广播信号时，“TUNED”点亮。  
当本机接收立体声 FM 广播信号时“STEREO”点亮。



## 收听 DAB 广播 (澳大利亚型号)

**1 按 TUNER 选择“TUNER”作为输入源。**

**2 按 BAND 选择 DAB 波段。**

如果您尚未执行初期搜台，则会在前面板上显示以下消息。



**3 按 ENTER 开始初期搜台。**



初期搜台完成后，本机会自动调谐到存储的第一个 DAB 无线电电台。



**4 反复按 TUNING 选择一个 DAB 无线电电台。**

## 收听 Internet 电台

**1 反复按 NET 以选择“NET RADIO”作为输入源。**

电视上会显示浏览屏幕。

**2 使用光标键选择项目然后按 ENTER。**

如果选择了一个 Internet 电台，则将开始播放并将显示播放屏幕。

**注**

使用安装在您移动设备上的 MusicCast CONTROLLER 应用程序也可以选择 Internet 电台。

### 通过流媒体服务收听音乐

可使用安装在您移动设备上的 MusicCast CONTROLLER 应用程序接收流媒体服务。

**1 在 MusicCast CONTROLLER 应用程序屏幕上选择一个流媒体服务。**

**2 选择一个电台。**

**注**

按照您所使用的流媒体服务，可能需要以下操作。

- 在您的移动设备上安装流媒体服务应用程序
- 注册流媒体服务帐户

### 流媒体服务的注意事项

- 流媒体服务可能不经通知而改变或中断。
- 设备支持的流媒体服务可能因使用国家或地区而有所差异。



## SCENE 功能

可单击按钮（SCENE 功能），选择为 SCENE(1-8) 键指定本机的输入源和设置。如果设备处于待机模式，按下 SCENE (1-8) 键时，设备会自动打开。

默认情况下，以下输入源已被分配给每个 SCENE (1-8) 键。

| SCENE 键 | SCENE 名字               | 输入        |
|---------|------------------------|-----------|
| 1       | Movie Viewing          | AV 1      |
| 2       | RADIO Listening        | TUNER     |
| 3       | Music Listening        | AUDIO 2   |
| 4       | NET Audio Listening    | NET RADIO |
| 5       | STB Viewing            | AV 2      |
| 6       | Game Playing           | AV 3      |
| 7       | TV Viewing             | AUDIO 1   |
| 8       | Madia Server Listening | SERVER    |

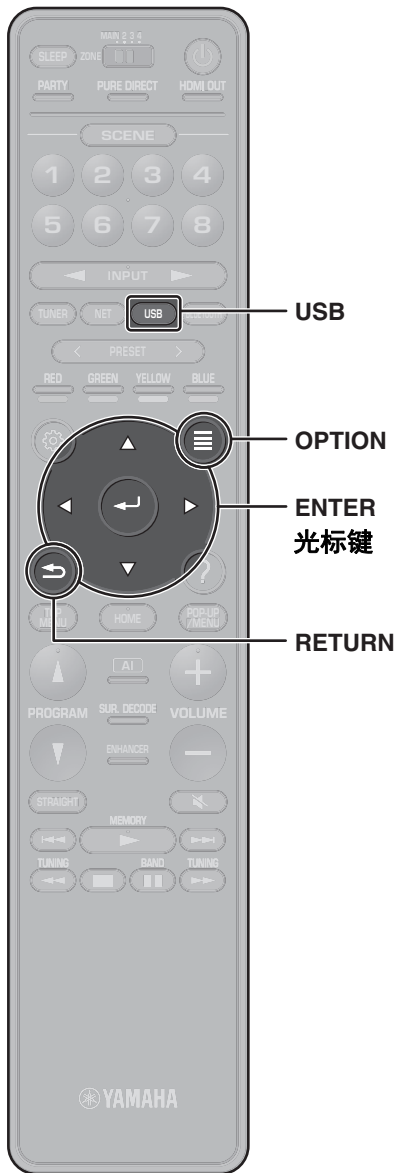
### 注册一个场景

默认情况下指定给每个 SCENE(1-8) 键的设置可根据个人喜好进行更改。

1. 播放输入源。
2. 对声音程序和 Compressed Music Enhancer 等功能进行设置。
3. 按下并按住一个 SCENE (1-8) 键，直到前置显示屏上出现“SET Complete”。

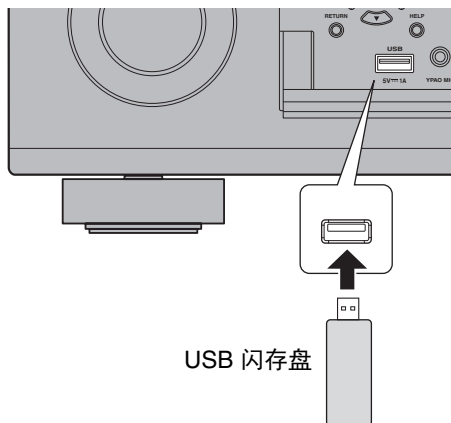
## 播放存储在 Bluetooth® 装置上的音乐

- 1 按 **BLUETOOTH** 选择“Bluetooth”作为输入源。
- 2 在 **Bluetooth** 装置上的可用装置列表中选择本机（本机的网络名称）。如果需要输入密码，请输入“0000”号码。连接完成后，\* 指示器会在前面板显示屏上闪烁。
- 3 选择歌曲，然后开始在 **Bluetooth** 装置中播放。



## 播放存储在 USB 闪存盘上的音乐

### 1 将 USB 闪存盘连接至 USB 插孔。



#### 注

直接将 USB 闪存盘连接至 USB 插孔。请勿使用延伸缆线。

### 2 按 USB 选择“USB”作为输入源。

电视上会显示浏览屏幕。

### 3 使用光标键选择项目然后按 ENTER。

如果选择了一首歌曲，则将开始播放并将显示播放屏幕。

## 选项菜单的基本操作

本节介绍选项菜单的基本操作。选项菜单用于根据输入源配置本机的播放功能。

### 1 按 OPTION。



选项菜单也会显示在电视屏幕上。

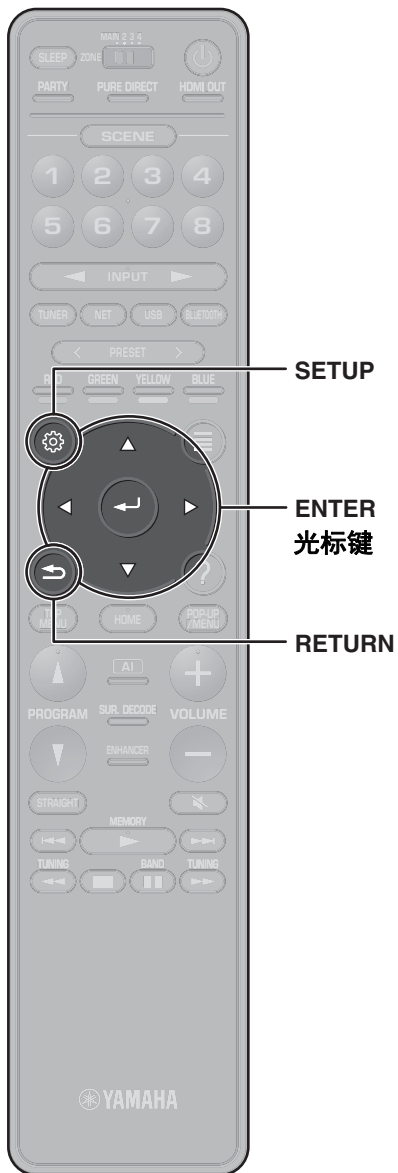
### 2 使用光标键选择项目然后按 ENTER。

要在菜单操作过程中返回上一个画面，请按 RETURN。

### 3 使用光标键选择设置。

### 4 按 OPTION。

有关更多信息，请参阅使用说明书中的“配置各播放源的播放设置（选项菜单）”。



## 设置菜单的基本操作

本节介绍设置菜单的基本操作。设置菜单用于详细配置本机的功能。

### 1 按 **SETUP**。



### 2 使用光标键选择菜单，然后按 **ENTER**。

要在菜单操作过程中返回上一个画面，请按 **RETURN**。

### 3 使用光标键选择项目然后按 **ENTER**。

### 4 使用光标键选择设置。

### 5 按 **SETUP**。

有关更多信息，请参阅使用说明书中的“配置各种功能（设定菜单）”。

# 故障排除

## 如果发生故障，请首先检查以下内容：

当本机工作不正常时，请确保以下内容。

- 本机、电视和播放装置（如 BD/DVD 播放机）的电源线是否已牢固连接至交流墙壁电源插座。
- 是否已打开本机、低音炮、电视和播放装置（如 BD/DVD 播放机）。
- 每条缆线的接头是否已牢固地插入每台装置的插孔中。

如果电源和缆线没有问题，请参阅下表中的说明。

如果您遇到的问题未列出，或者指导不起作用，关闭本机，断开电源线的连接，并联系距您最近的雅马哈经销商或服务中心。

| 问题                | 原因   | 解决措施   |
|-------------------|--|--|
| 无法接通电源。           | 保护电路已连续激活三次。<br>如果本机处于此状态，则本机前面板上的待机指示灯将在您尝试打开电源时闪烁。 | 作为一项安全预防措施，接通电源的功能已被禁用。请联系距离您最近的 Yamaha 经销商或服务中心申请维修。                          |
| 电源在打开后立即关闭（待机模式）。 | 在音箱缆线短路时打开了本机。                                       | 将每条音箱缆线的裸线捻在一起，然后重新连接至本机和音箱（第 39 页）。   |
| 本机没有反应。           | 由于外部电击（例如雷电或过大的静电）或电压降至电源电压而导致内部微电脑已冻结。              | 长按前面板上的 MAIN ZONE $\odot$ 15 秒以上以初始化并重新启动本机。（如果问题仍然存在，请将电源线从交流墙壁电源插座中断开并再次插入。） |
| 无声音。              | 选择了另一个输入源。   | 用输入选择键选择合适的输入源。  |
|                   | 输入了本机无法再现的信号。  | 本机无法播放某些数字音频格式。若要检查输入信号的音频格式，请使用“设置”菜单中的“信息”（第 55 页）。                          |
| 某个音箱没有声音。         | 播放源不包含某声道的信号。  | 使用“设置”菜单（第 55 页）中的“信息”来检查音频信号。   |
|                   | 当前所选的声音程序 / 解码器未使用音箱。                                | 使用“设置”菜单（第 55 页）中的“测试音”来检查音箱输出。  |
|                   | 禁用了音箱的音频输出。  | 执行 YPAO（第 46 页）。<br>使用“设置”菜单中的“配置”更改音箱设置。                                      |
| 低音炮不发出声音。         | 播放源不包含 LFE 或低频信号。                                    | 要检查低音炮是否正常工作，请使用“设置”菜单中的“测试音”（第 55 页）。   |
|                   | 禁用了低音炮输出。  | 执行 YPAO（第 46 页）。<br>将“设置”菜单中的“低音炮”设置为“用途”（第 55 页）。                             |



| 问题                                | 原因  | 解决措施   |
|-----------------------------------|---|--|
| 没有视频。                             | 在本机上选择了其他输入源。   | 用输入选择键选择合适的输入源。  |
|                                   | 在电视上选择了其他输入源。   | 将电视的输入切换为显示来自本机的视频。  |
| 播放装置（使用 HDMI 连接至本机）没有视频。          | 输入视频信号（分辨率）不受本机支持。                                      | 要查看有关当前视频信号（分辨率）的信息，请参阅“设置”菜单中“视频/HDMI”下的“信息”（第 55 页）。有关本机支持的视频信号信息，请参阅使用说明书中的“HDMI 信号兼容”。 |
|                                   | 电视不支持 HDCP (High-bandwidth Digital Content Protection)。 | 参考电视使用说明书，然后检查电视规格。如果要播放需要 HDCP2.2 兼容设备的内容，则电视和播放装置都必须支持 HDCP2.2。                          |
| 无法在 MusicCast CONTROLLER 上进行连接设置。 | 移动设备未连接到您家中的无线路由器。                                      | 将移动设备连接到无线路由器并使用 MusicCast CONTROLLER。   |
|                                   | 应用程序需要时间来检测本设备。   | 稍等片刻，确保您的移动设备没有处于睡眠模式。   |
|                                   | 无线路由器（接入点）的防火墙设置禁止进入网络。                                 | 检查无线路由器（接入点）的防火墙设置和 MAC 地址过滤器。   |

# 规格

| Bluetooth    |                |
|--------------|----------------|
| 支持的配置文件      | A2DP, AVRCP    |
| 支持的编解码器      | SBC, AAC       |
| Bluetooth 版本 | 版本 4.2         |
| 无线输出         | Bluetooth 类别 2 |
| 最大通信距离       | 10 m 无干扰       |
| 支持的内容保护方法    | SCMS-T         |

| 网络       |   |                    |
|----------|---|--------------------|
| Wi-Fi 功能 | 广播频率带                                     | 2.4 GHz 和 5 GHz 频段 |
|          | 无线 LAN 标准 IEEE 802.11 a / b / g / n / ac* |                    |
|          | * 仅限 20 MHz 信道带宽                          |                    |
|          | 安全方法: WEP, WPA2-PSK (AES), 混合模式           |                    |
|          | 能够通过 PIN 方法和按钮方法进行 WPS                    |                    |
|          | 能够通过无线连接与 iOS 设备进行共享                      |                    |

| 调谐器         |          |   |
|-------------|----------|---|
| FM/AM 调谐范围  | 美国和加拿大型号 | [FM] 87.5 MHz ~ 107.9 MHz<br>[AM] 530 kHz ~ 1710 kHz            |
|             | 中国型号     | [FM] 87.50 MHz ~ 108.00 MHz<br>[AM] 531 kHz ~ 1611 kHz          |
| DAB/FM 调谐范围 | 澳大利亚型号   | [DAB] 174 MHz ~ 240 MHz (波段 III)<br>[FM] 87.50 MHz ~ 108.00 MHz |

| 一般参数                                     |                                       |                 |         |
|--|---------------------------------------|-----------------|---------|
| 电源                                       | 美国和加拿大型号                              | AC 120 V, 60 Hz |         |
|  | 中国型号                                  | AC 220 V, 50 Hz |         |
|  | 澳大利亚型号                                | AC 240 V, 50 Hz |         |
| 功耗                                       | 490 W                                 |                 |         |
| 待机功耗                                     | HDMI 控制关闭, 待机直通关闭, 网络待机关闭             | 0.1 W           |         |
|  | HDMI 控制开启, 待机直通开启, 网络待机关闭             | 1.4 W           |         |
|  | 输入: AV 1 (HDMI 无信号)                   |                 |         |
|  | HDMI 控制关闭, 待机直通关闭, 网络待机开启, 蓝牙待机关闭     | 有线              | 1.4 W   |
|  |                                       | 无线 (Wi-Fi)      | 1.7 W   |
|  | HDMI 控制关闭, 待机直通关闭, 网络待机开启 (有线)、蓝牙待机开启 | 1.5 W           |         |
| HDMI 控制开启, 待机直通开启, 网络待机开启 (Wi-Fi)、蓝牙待机开启 | 2.5 W                                 |                 |         |
| 尺寸 (宽 x 高 x 深)                           | 435 x 192 x 474 mm                    |                 |         |
| 参考尺寸 (无线天线竖直)<br>* 包括支柱和突起               | 435 x 269 x 474 mm                    |                 |         |
| 重量                                       | RX-V3085                              | 中国型号            | 19.6 kg |
|  |                                       | 其他型号            | 18.1 kg |
|  | RX-V2085                              | 17.0 kg         |         |

本使用说明书的内容为出版时最新的技术规格。请参考雅马哈网站上的使用说明书, 确认除上述规格外的其它规格, 并获取本机的最新信息。



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