Basic Manual

VSX-831

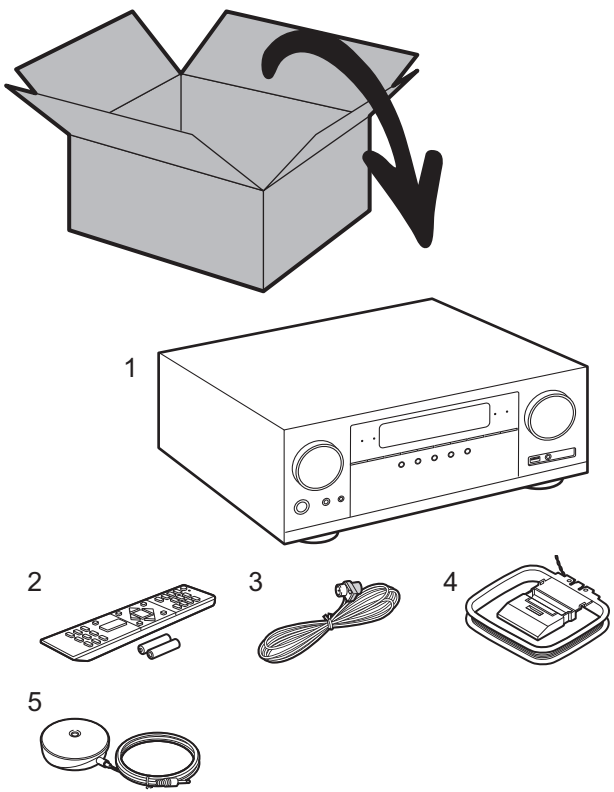
AV Receiver

Hookup
Step1: Connect the Speakers 3
Step2: Connect the TV 5
Step3: Connect the AV Components 7
Step4: Connect Other Cables 10
Setup
Step5: Power On & Initial Setup 11
HDMI Setup 12
Playback
Basic Playback 13
Network Functions 14
Others 16
Part Names
Front Panel 18
Rear Panel 19
Remote Controller 20
Display 20

This manual includes information needed when starting up and also instructions for frequently used operations. The "Advanced Manual" is available on the internet with details about the playback features/ listening modes/settings details, specifications, and troubleshooting. The Advanced Manual is created in a format that makes it easy to read on a PC or Smartphone.

http://www.pioneer-audiovisual.com/manual/vsx831/adv/en.html
Advanced Manual found here

Pioneer



What's in the box

1. Main unit 2. Remote controller (RC-914R) ×1, Batteries (AAA/R03) ×2
3. Indoor FM antenna ×1 4. AM loop antenna ×1 5. Speaker setup microphone ×1

Main features

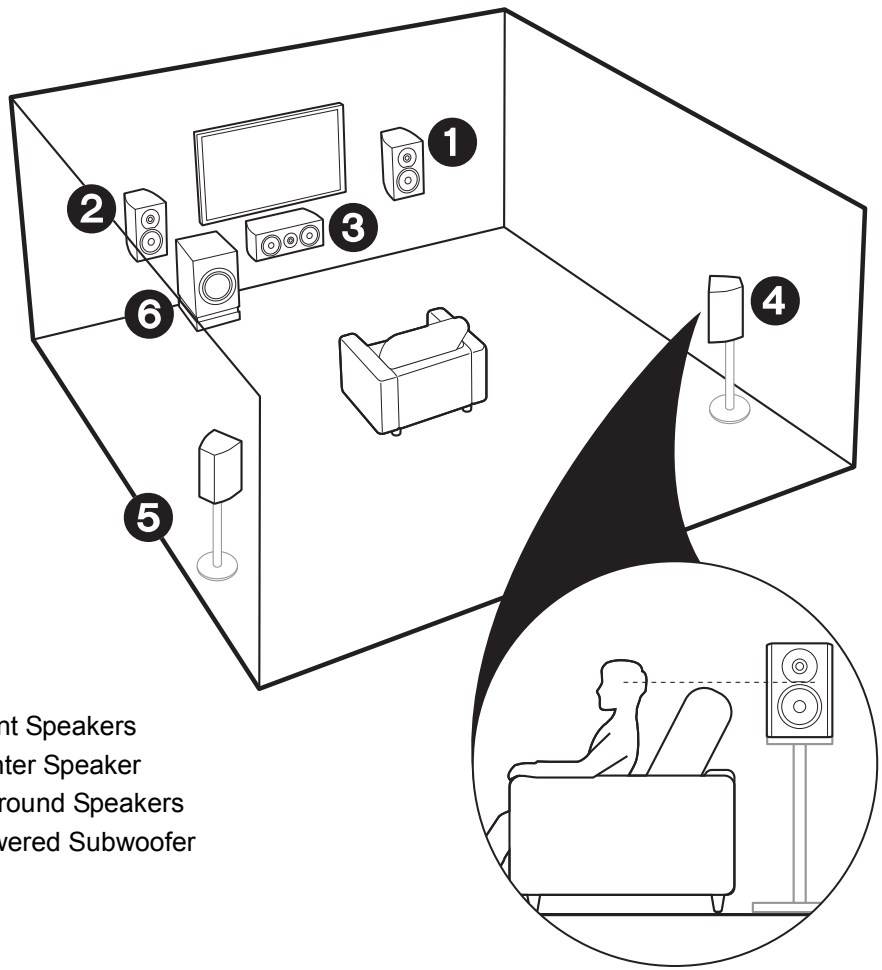
This unit is connected between your TV and your AV components. To play, select the source with the input selector. You can connect 5.1ch of speakers to this unit, with 5ch at 140 W (6 ohms, 1 kHz, 0.9%THD) (North American models) / 130 W (6 ohms, 1 kHz, 1%THD) (European, Australian and Asian models) per channel plus a powered subwoofer pre out jack.

- The HDMI jack supports 4K video input and output. Jacks IN1 to 3 and OUT support HDCP2.2
- HDMI CEC functionality: Control features such as linking input switching with the input selector and players conforming to the CEC standard, switching audio output and volume using the remote controller of a CEC-compliant TV, and automatically switching this unit to standby when the TV is turned off
- HDMI Standby Through: Video and audio signals from AV components can be transmitted to the TV even if this unit is in standby
- ARC: Connection with an ARC-compatible TV is complete with one HDMI cable
- Easy Initial Setup using onscreen guidance and On-Screen Display (OSD) showing operations on the TV
- Internet radio and AirPlay via wired LAN or Wi-Fi (wireless LAN) and network features such as Music Server that enables PC music file playback, USB playback, plus other playback features such as AM/FM radio and BLUETOOTH® play
- Playback formats supported by Music Server and USB include WAV, FLAC and DSD high-res source

CAUTION: Connect speakers with 6 Ω to 16 Ω impedance. The power cord must be connected only after all other cable connections are completed.

- We will not accept responsibility for damage arising from the connection of equipment manufactured by other companies.

Step1: Connect the Speakers

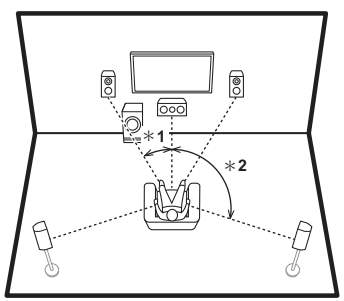


❶❷ Front Speakers
❸ Center Speaker
❹❺ Surround Speakers
❻ Powered Subwoofer

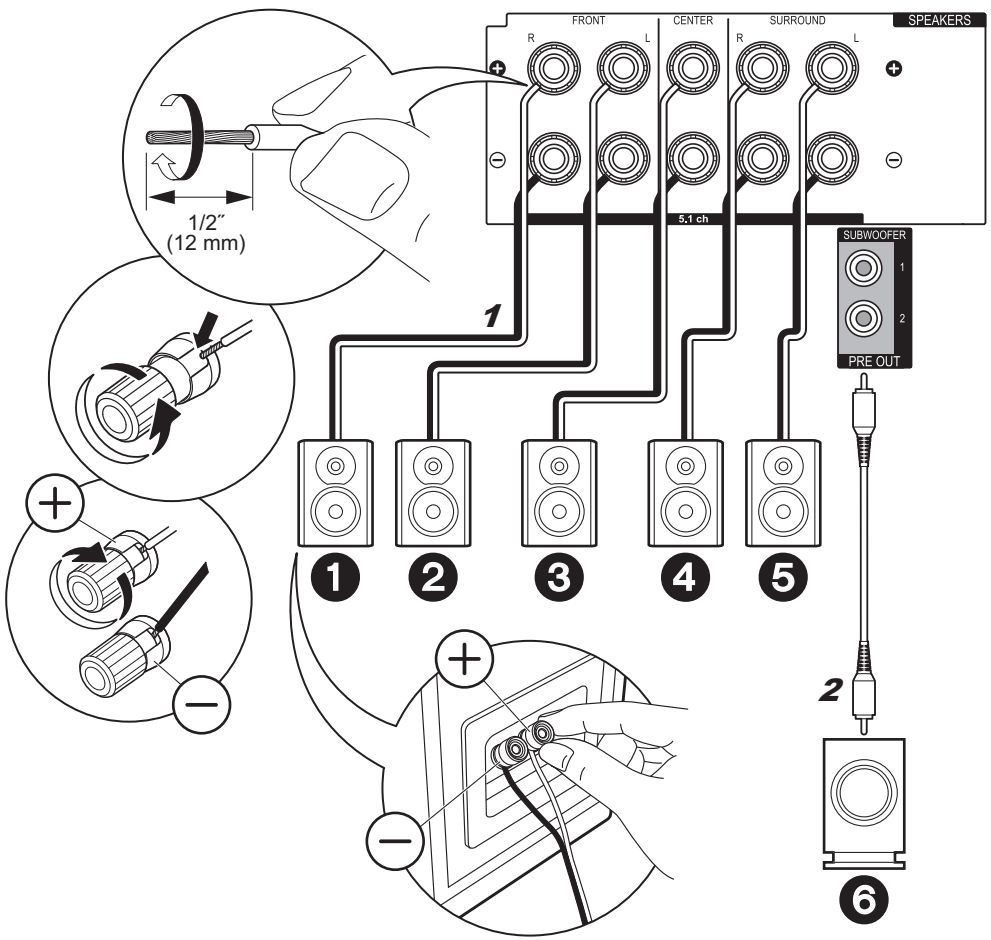
Speaker Layout for 5.1-Channel System

Front speakers output front stereo sound and a center speaker outputs center sound such as dialogs and vocals. Surround speakers create back sound field. Powered subwoofer reproduces bass sounds and creates rich sound field. The front speakers should be positioned at ear height, while the surround speakers should be positioned just above ear height. Center speaker should be set up facing the listening position. Place the powered subwoofer towards the front. Placing it between the center speaker and a front speaker gives you a natural sound even when playing music.

- The front speakers, center speaker, and surround speakers are counted as 5 channels, and the powered subwoofer is counted as 0.1 of a channel, giving us the name 5.1ch system.



∗ 1: 22° to 30°, ∗ 2: 120°



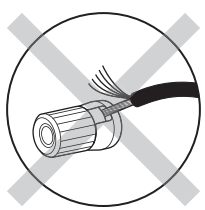
1 Speaker cable, **2** Subwoofer cable

Connections for 5.1-Channel System

Connect ❶❷❸❹❺❻ for a 5.1-channel system. Up to two powered subwoofers can be connected. The same signal is output from each of the SUBWOOFER jacks. Note that it is possible to connect just ❶❷ and no other jacks.

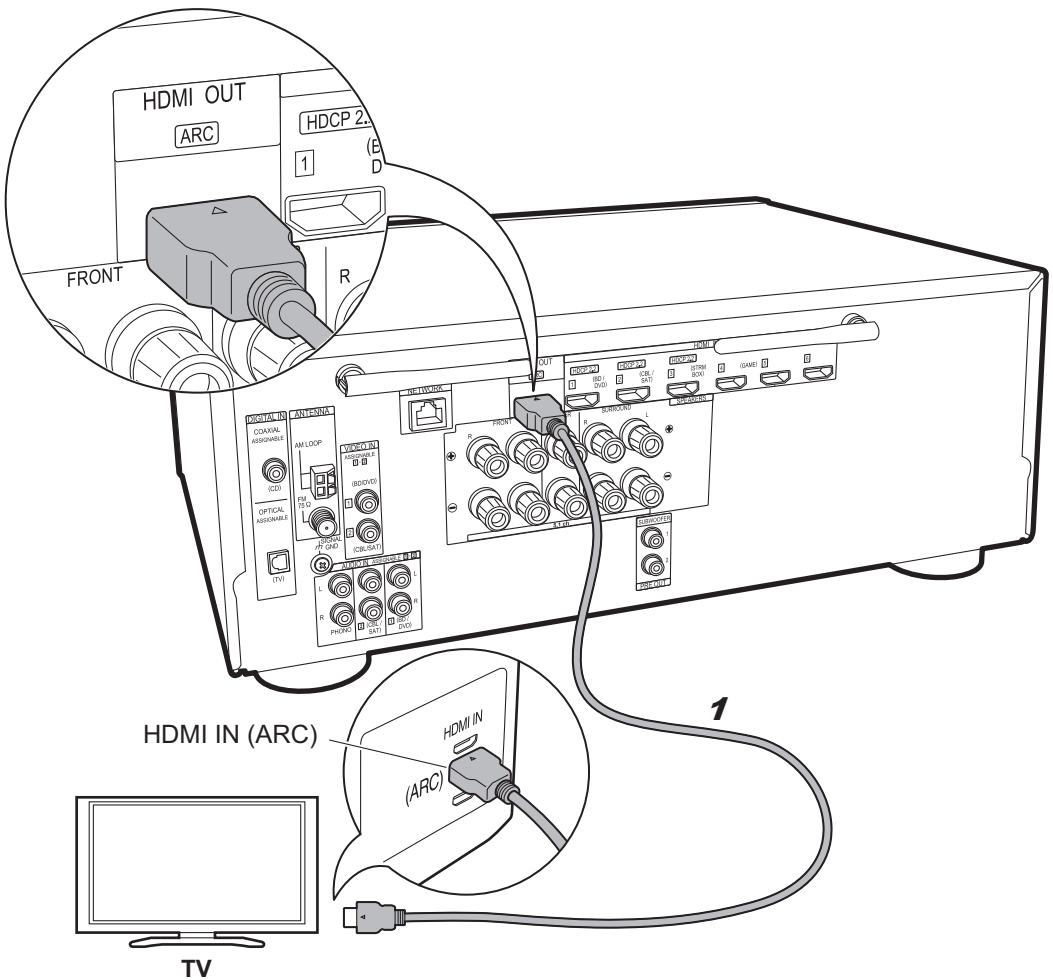
Setup

• The speaker configuration is set to 5.1ch audio output by default. If there are speakers you won't be connecting, you need to change the settings in Initial Setup, "1. Full Auto MCACC" (➔P11) so that the audio from those speakers you are not connecting is sent to other speakers.



Make sure the exposed wires of the speakers do not stick out of the speaker terminals when connecting. If the exposed wires of the speakers touch the rear panel or the + and – wires touch each other, the protection circuit will be activated.

Step2: Connect the TV



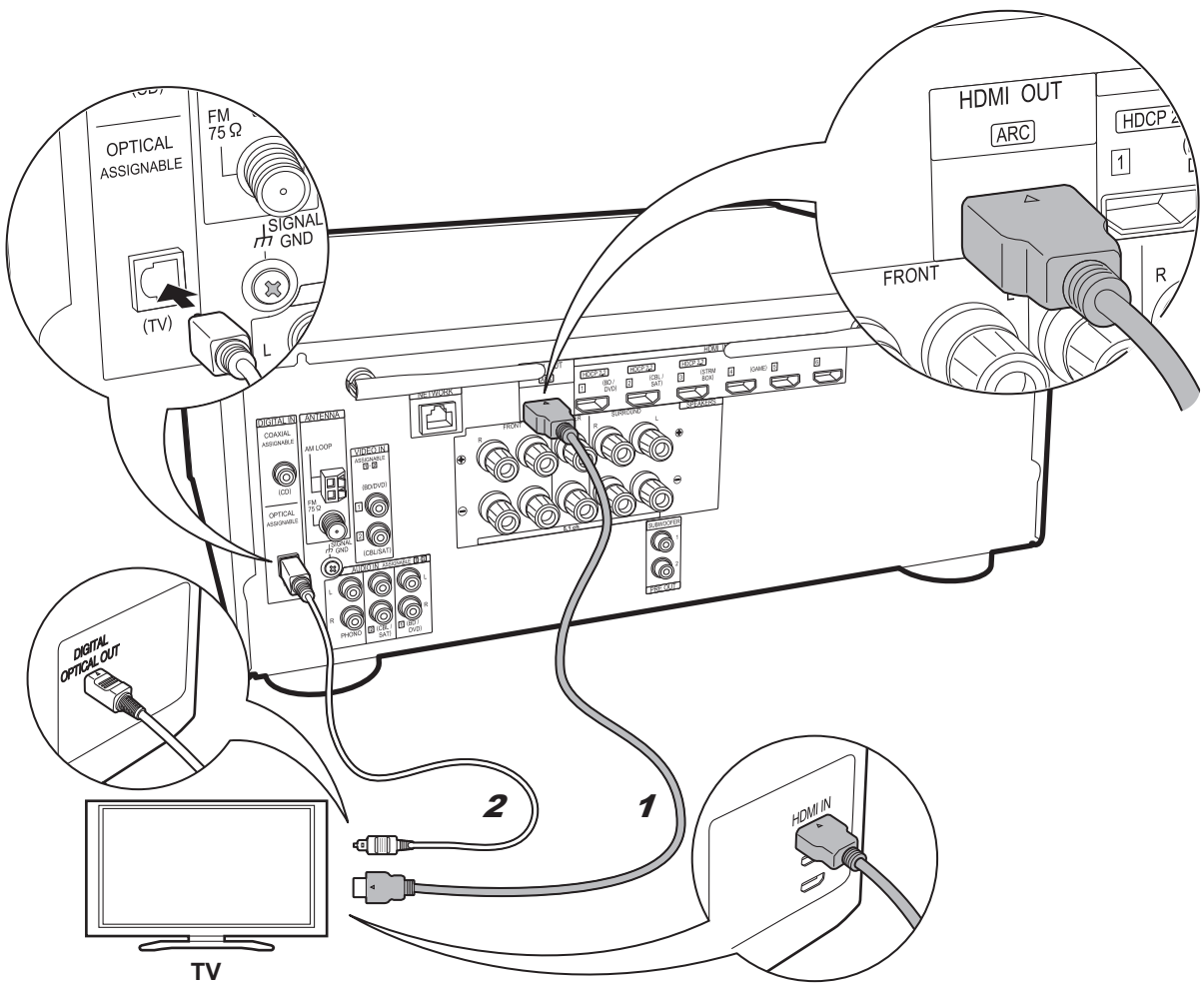
1 HDMI cable

☑ if you have: ARC TV

This unit is connected between your TV and AV components. If you connect two or more AV components, you can select the video displayed on the TV and the audio output from this unit by changing the input selector. Shown here are the connections for a TV that supports the ARC (Audio Return Channel) feature. By connecting with a single HDMI cable, you can not only output the video input to this unit to the TV, but you can also play the sound from the TV through this unit.
Choose an HDMI IN jack on the TV that supports ARC when connecting.

Setup

- Settings are required to use the ARC function. Select "Yes" in "4. Audio Return Channel" (➔P12) in the Initial Setup.
- Please refer to the TV's operation manual for directions on connections and setup for the TV.



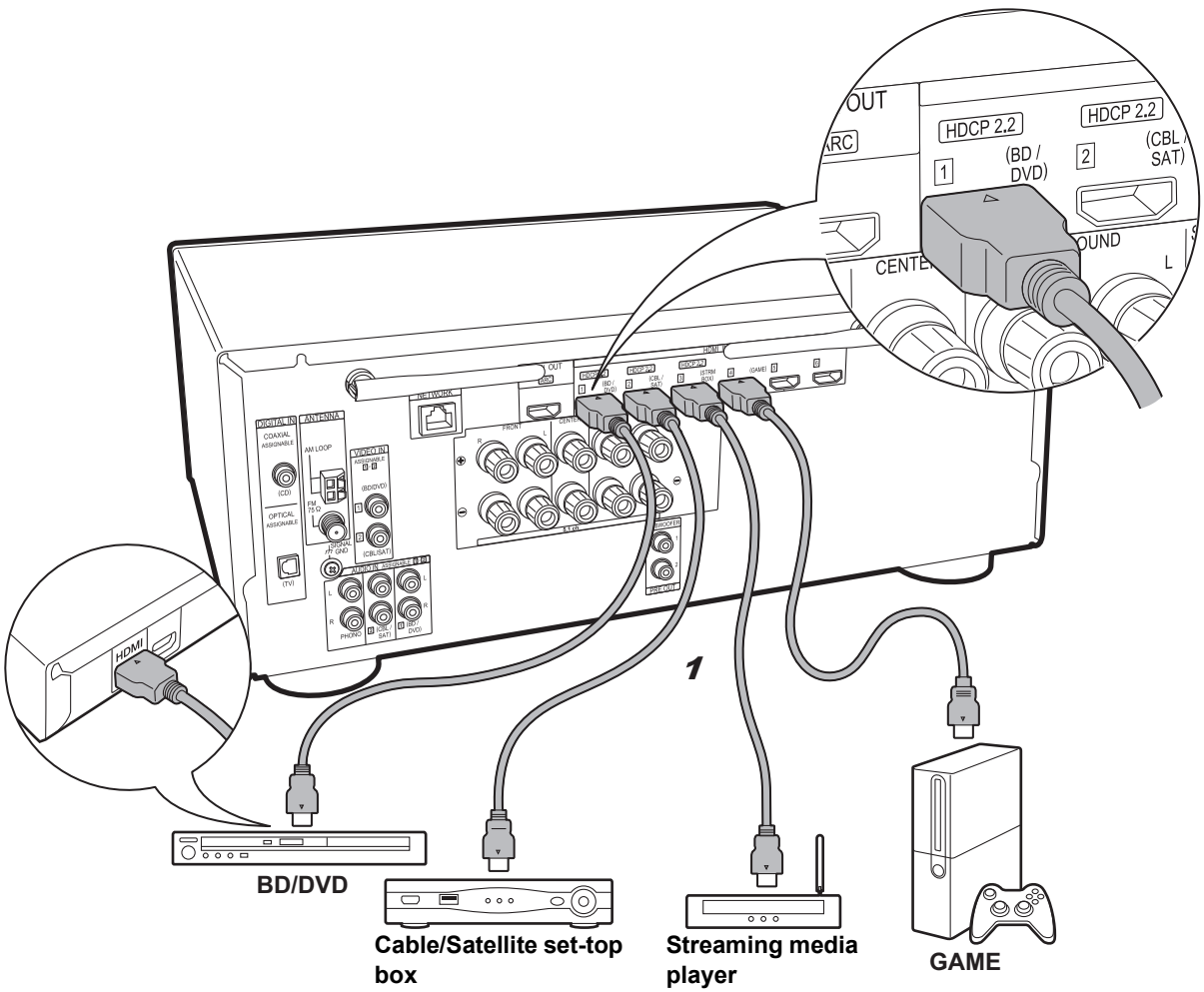
1 HDMI cable, **2** Digital optical cable

☑ if you have: Non-ARC TV

This unit is connected between your TV and AV components. If you connect two or more AV components, you can select the video displayed on the TV and the audio output from this unit by changing the input selector. This describes the connections for a TV that does not support the ARC (Audio Return Channel) feature. By connecting with both an HDMI cable and a digital optical cable, you can not only output the video input to this unit to the TV, but you can also play the sound from the TV through this unit.

- Connection with a digital optical cable is not necessary if you will watch TV through a device such as a cable set-top box (that is, not use a tuner built into the TV).

Step3: Connect the AV Components



1 HDMI cable

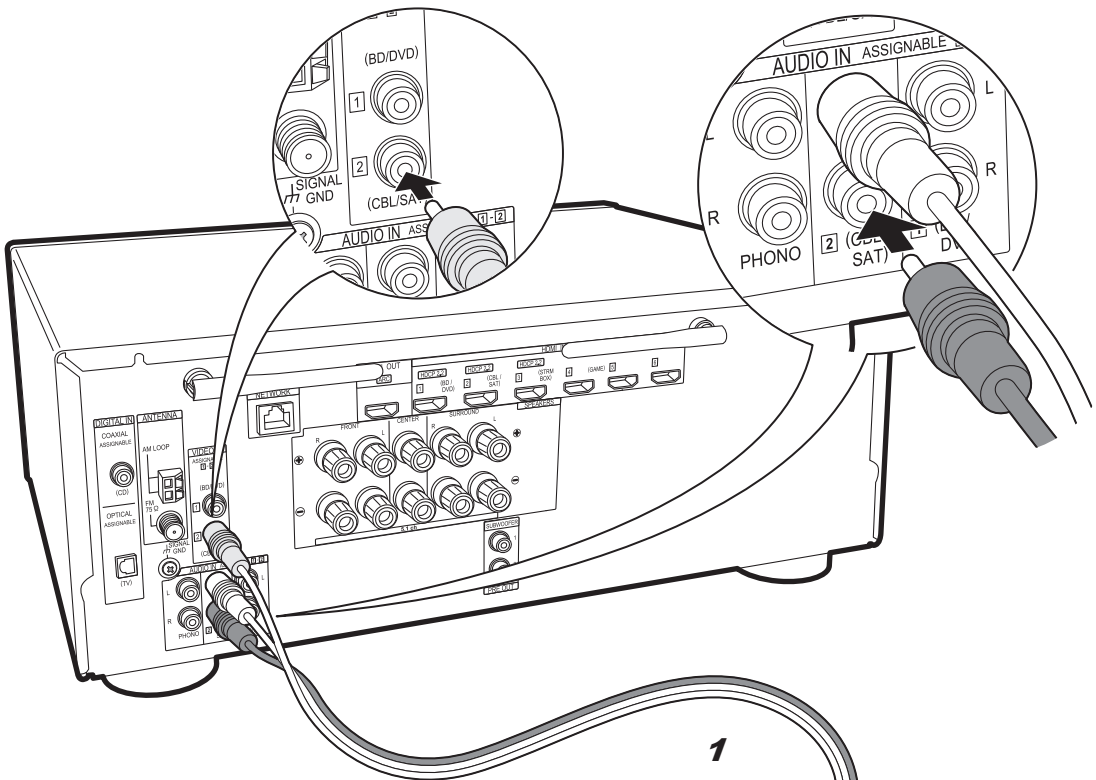
☑ if you have: HDMI AV Components

This is an example of connection with an AV component that has an HDMI jack. With connection to an AV component that conforms with the CEC (Consumer Electronics Control) standard, you can use features such as the HDMI CEC feature that links with the input selector, and the HDMI Standby Through feature which allows you to play video and audio from AV components on the TV even when this unit is in standby mode.

- To play 4K or 1080p video, use a high speed HDMI cable. Further, to enjoy HDCP2.2 compatible video, connect to the HDMI IN1 to IN3 jacks.

Setup

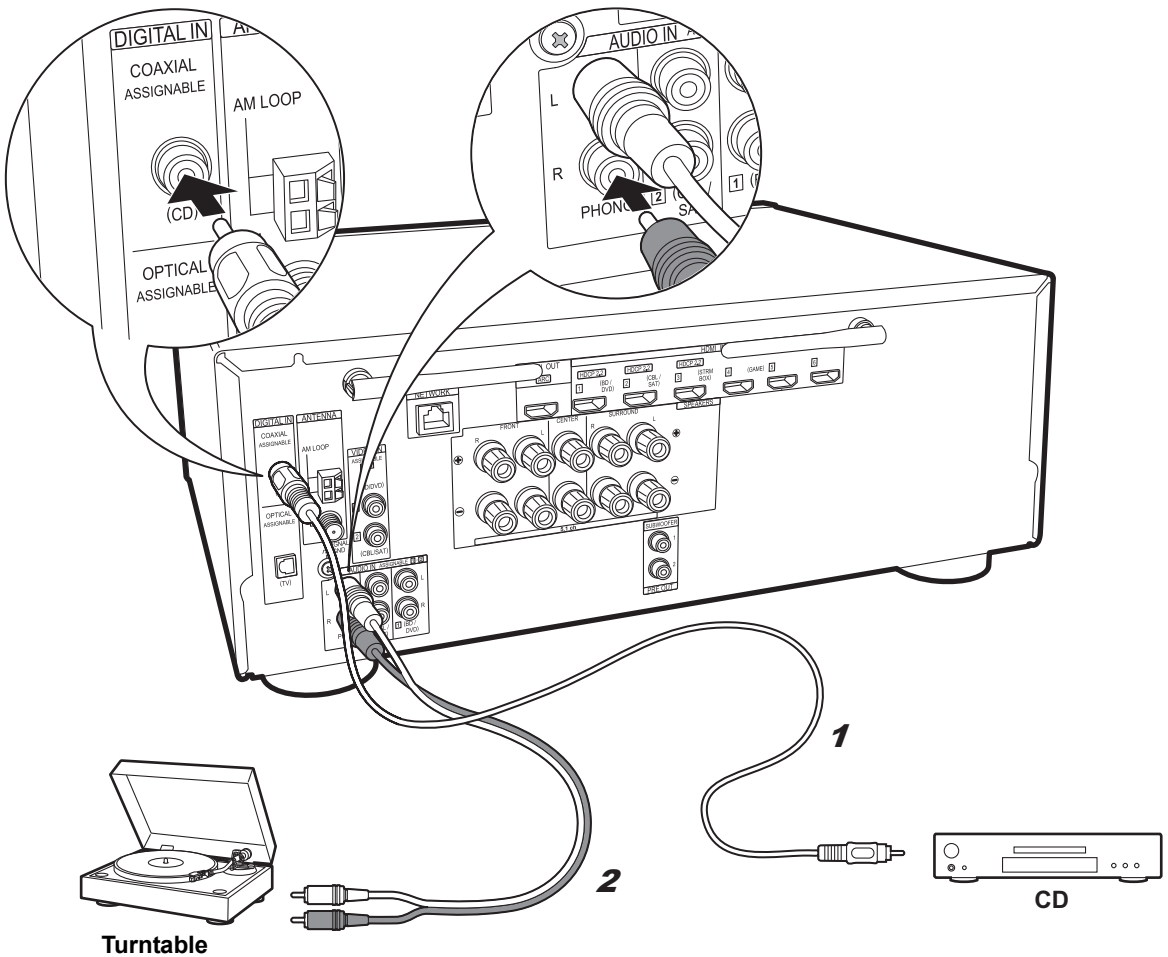
- HDMI setup (➔P12) is required to use the HDMI CEC and HDMI Standby Through features. Make settings after all connections are complete.
- To enjoy digital surround sound including Dolby Digital, audio output should be set to "Bitstream output" on the connected Blu-ray Disc player or other device.



1 Analog audio/video cable

☑ if you have: Non-HDMI AV Components

This is an example of connection with an AV component that does not have an HDMI jack. Make the connections to the AV component to match the jacks it has. When video input connection is to the CBL/SAT jack, the audio input connection should also be to the CBL/SAT jacks, and so on, so that you connect the video input jacks to the jacks with the same name as the audio input jacks. Note that video signals input to the VIDEO IN jack will be upconverted to HDMI signals and then output from the HDMI OUT jack.

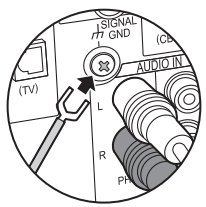


1 Digital coaxial cable, **2** Analog audio cable

☑ if you have: Audio Components

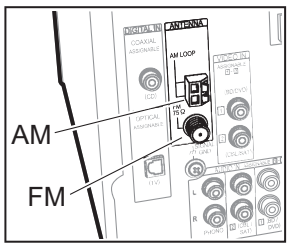
Example of a connection with an audio component. You can connect a turntable that has an MM-type cartridge to the PHONO jack.

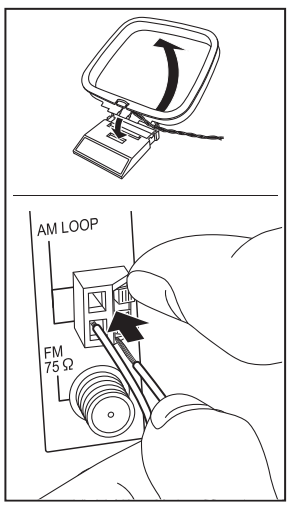
- If the turntable has a built-in audio equalizer, connect it to another AUDIO IN jack. Further, if the turntable uses an MC type cartridge, install an audio equalizer compatible with the MC type cartridge between the unit and the turntable, then connect to any AUDIO IN jack other than the PHONO jack.

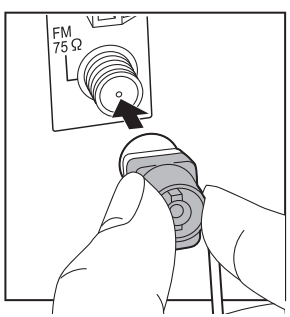


If the turntable has a ground wire, connect it to the SIGNAL GND terminal of this unit.

Step4: Connect Other Cables



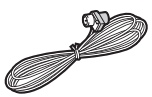




Antenna Hookup

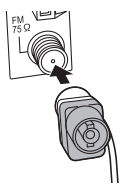
Move the antenna around while playing the radio to find the position with the best reception. Use a thumb tack or similar to attach the indoor FM antenna to a wall.

AM loop antenna

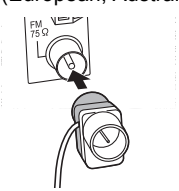


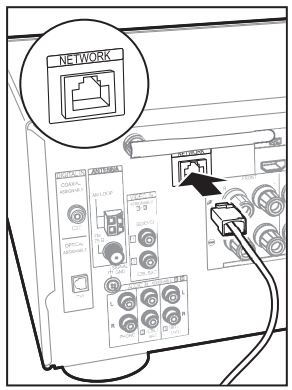
Indoor FM antenna

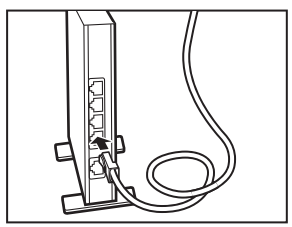
(North American models)



(European, Australian and Asian models)

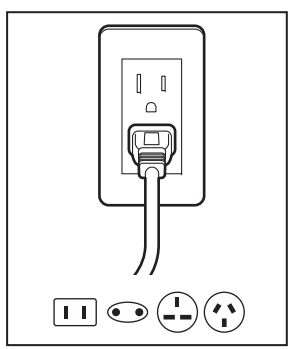






Network Hookup

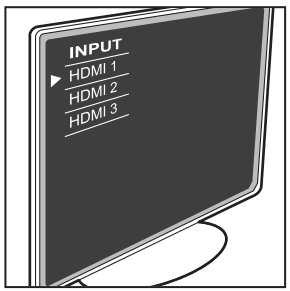
Connect this unit to the network using wired LAN or Wi-Fi (wireless LAN). You can enjoy network features such as internet radio, Music Server, and AirPlay by connecting the unit to the network.
If you connect by wired LAN, connect with an Ethernet cable to the NETWORK port as shown in the illustration.
To connect by Wi-Fi, then after selecting "Wireless" in "3. Network Connection" (➔P12) in Initial Setup, select the desired setting method and follow the onscreen instructions to configure the connection.

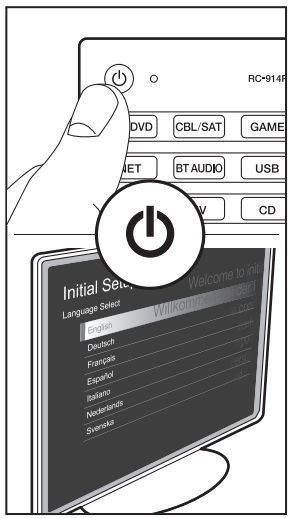


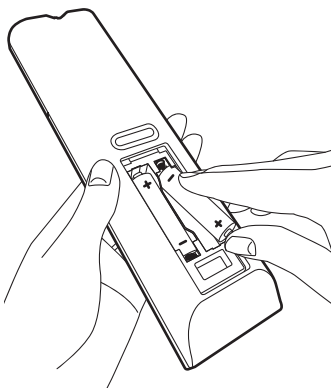
Power Cord Hookup

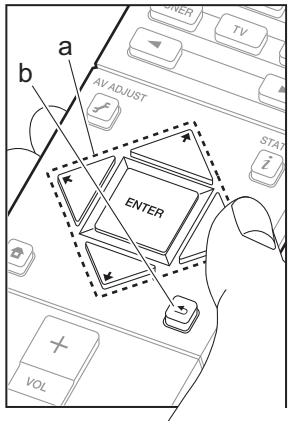
Connect the power cord to the power outlet after completing all other connections.

Step5: Power On & Initial Setup









Initial Setup starts automatically

Once all connections are complete, change the TV's input to the input for this unit, inset batteries in the remote controller, and press ⏻ to turn the power on. When you turn the unit on for the first time, Initial Setup is automatically shown on the TV to enable you to make settings required for startup using simple operations following onscreen guidance.

These instructions will guide you through some items that you need to check beforehand. Read beforehand so the setup goes smoothly.

Operation

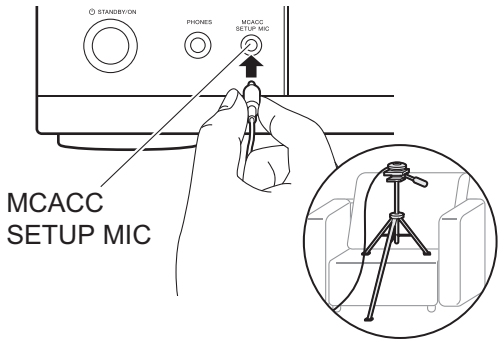
Select the item with the cursors of the remote controller and press ENTER (a). To return to the previous screen, press ⮌ (b).

To redo the Initial Setup

If you terminate the procedure on the way or want to change a setting made during Initial Setup, press ⌂ on the remote controller, select "System Setup" – "Miscellaneous" – "Initial Setup" from Home, and press ENTER.

1. Full Auto MCACC

Place the supplied speaker setup microphone in the listening position, measure the test tones emitted by the speakers, then the unit automatically sets the optimum volume level for each speaker, the crossover frequencies, and the distance from the listening position. This also enables correction of distortion caused by the acoustic environment of the room.



- Use a tripod or similar to place the speaker setup microphone at ear height.
- The subwoofer sound may not be detected since it is extremely low frequencies. Set the subwoofer volume to more than halfway.
- Calibration takes several minutes to be completed. The speakers emit the test tone at high volume during measurement, so be careful of your surroundings. Keep the room as quiet as possible during measurement. If the measurement is interrupted, turn off the household appliances.

2. Source Connection

Check that each input source is connected correctly. Follow the guidance, select the input you want to confirm, start play of the selected player, and confirm that the images appear on the TV and that sound is played.

3. Network Connection

Set up Wi-Fi connection with an access point such as a wireless LAN router. There are the following two methods of connecting by Wi-Fi:
"Scan Networks": Search for an access point from this unit. Find out the SSID of the access point beforehand.
"Use iOS Device (iOS7 or later)": Share the iOS device's Wi-Fi settings with this unit.
If you select "Scan Networks", there are a further two choices of connection method. Check the following.

- **"Enter Password":** Enter the password (or key) of the access point to connect.
- **"Push Button":** If the access point has an automatic connection button, you can connect without entering a password.
- If the SSID of the access point is not displayed, then in the screen listing the SSIDs, select "Other..." with the ➔ cursor on the remote controller and press ENTER, then follow the onscreen instructions.

Keyboard input

To switch between upper and lower case, select "A/a" on the screen and press ENTER. To select whether to mask the password with "＊" or display it in plain text, press +Fav on the remote controller. Press CLEAR to delete all the input characters.

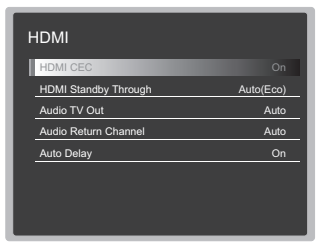
- A confirmation screen asking you to agree to the privacy policy is displayed during network setting. Select "Yes" and press ENTER to indicate agreement.

4. Audio Return Channel

If you have connected a TV that supports ARC, select "Yes". This unit's ARC setting turns on and you can listen to the TV's audio through this unit.

HDMI Setup

HDMI CEC
Make this setting to enable the control feature for devices complying with the CEC standard. This is set to on automatically if you have selected "Yes" in "4. Audio Return Channel" in the Initial Setup.
Press the ☎ button on the remote controller to set "System Setup" – "Hardware" – "HDMI" – "HDMI CEC" to "On" on the TV screen. Also enable the CEC control feature on the CEC device you have connected.

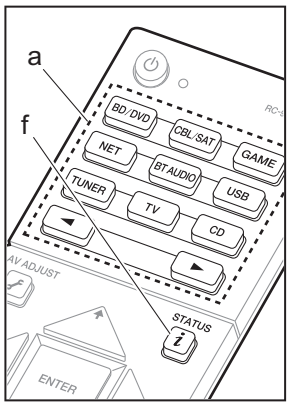


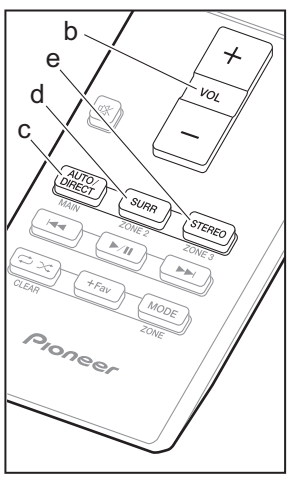
HDMI Standby Through
Even if this unit is in standby, the input signals from AV components are transmitted to the TV.

- **"Auto" / "Auto (Eco)":** Select one of these settings when connected AV components comply with the CEC standard. Irrespective of the input selector selected immediately before switching the unit to standby, you can transmit the input signals from AV components to the TV. Select "Auto (Eco)" if the TV is also CEC-compliant. You can reduce power consumption in standby mode.
- **"Input selector names for BD/DVD, etc.":** You can transmit the input signals from the set input selector to the TV. It can be selected when "HDMI CEC" is set to "Off".
- **"Last":** You can transfer the input signals of the input selector selected immediately prior to the unit being switched to standby. It can be selected when "HDMI CEC" is set to "Off".

To exit the settings, press ☎.

Basic Playback





AV Component Playback

1. Switch the input on the TV to that assigned to the unit.
2. Press the input selector (a) on the remote controller with the same name as the jack to which you connected the player to switch the input.
   For example, press BD/DVD to play the player connected to the BD/DVD jack. Press TV to listen the TV's sound.
   You can also select input with the ◄► buttons.
   - When the CEC link function works, the input switches automatically when you have connected a CEC compliant TV and player to this unit using HDMI connection.
3. Start play on the player.
4. Use VOL+/– (b) to adjust the volume.

Listening Mode

This unit is equipped with a variety of listening modes. For details on the listening modes, see the Advanced Manual. This section introduces some of the popular modes.

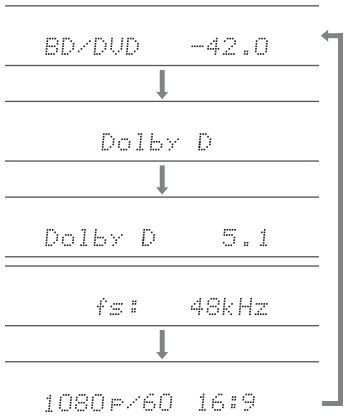
AUTO/DIRECT button (c)
You can select the Auto Surround, Direct, and Pure Direct modes. In either case, for 2 channel input signals the Stereo mode is automatically selected that plays only from the front speakers and subwoofer, and for multi-channel input signals listening modes are automatically selected that match the input signal, so Dolby Digital for Dolby Digital sources, and DTS-HD Master Audio for DTS-HD Master Audio. The Direct mode shuts down some processing that can affect sound quality, such as the tone control features, so you can enjoy even better sound quality. The Pure Direct mode shuts down even more processes that affects sound quality, so you get a more faithful reproduction of the original sound. In this case, the speaker calibration made with MCACC is disabled.

- Depending on the input signal and speaker configuration, the Dolby PL Ⅱ Movie/Music/Game and DTS Neo:6 Cinema/Music modes that expand 2 channel input signal to 5.1 channel may be automatically selected.

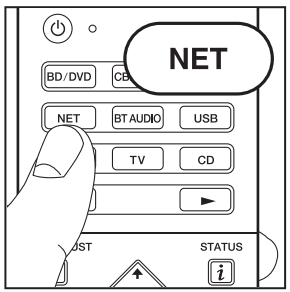
SURR button (d)
You can select a variety of listening modes to suit your taste. There are the Dolby Digital, DTS-HD Master Audio, and Stereo modes that you can choose to suit the input signal, or the Dolby PL Ⅱ Movie/Music/Game and DTS Neo:6 Cinema/Music modes that can expand 2 channel input signal to 5.1 channel. You can also enjoy original surround modes such as Ext.Stereo and Drama modes.

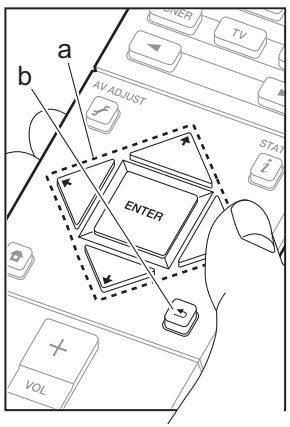
STEREO button (e)
You can select the "Stereo" mode to playback only from the front speakers and subwoofer.

The listening mode last selected for the source is remembered for each of the AUTO/DIRECT, SURR, and STEREO buttons. If content you play is not supported by the listening mode you selected last, the listening mode that is standard for that content is selected automatically.
Press i (f) repeatedly to switch the display of the main unit in order of:



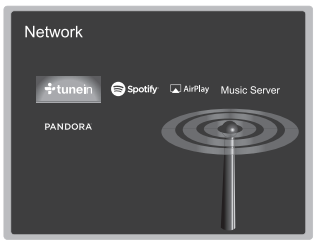
Network Functions





Network Services

1. Switch the input on the TV to that assigned to the unit.
2. Press NET to display the network service list screen.



3. Select the item with the cursors of the remote controller and press ENTER to confirm your selection (a). To return to the previous screen, press ⮌ (b).

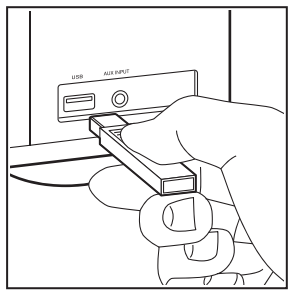
Internet Radio

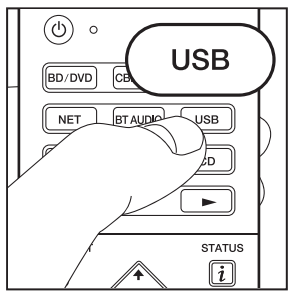
When this unit is connected to a network, you can listen to TuneIn or other preregistered Internet radio services. After selecting the desired service, follow the on-screen instructions, using the cursors to select radio stations and programs, then press ENTER to play. Play starts when 100% is displayed for buffering.

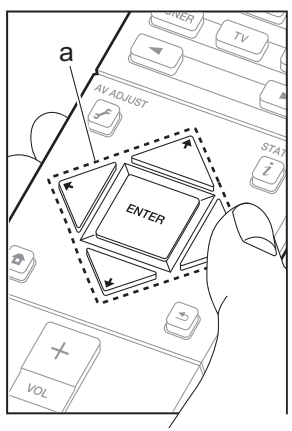
Music Server

You can play music files stored on home-network compliant PCs or NAS devices connected to the same network as this unit. Select the server with the cursors, select the desired music file and press ENTER to start playback. Play starts when 100% is displayed for buffering.

Notes:
- Network services become selectable after the network starts up even if they cannot be selected first.
- Functionality may be introduced by firmware updates and service providers may cease services, meaning that some network services and content may become unavailable in the future. Furthermore, available services may vary depending on your area of residence.





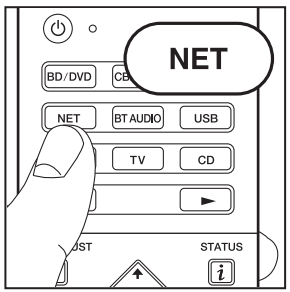


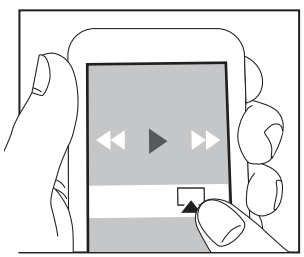
USB

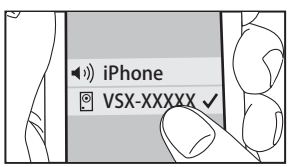
Play music files on a USB storage device.
- Operation cannot be guaranteed for all USB storage devices.

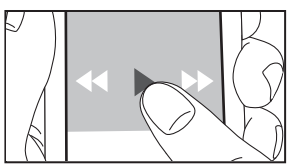
1. Switch the input on the TV to that assigned to the unit.
2. Plug your USB storage device with the music files into the USB port on the front of the unit.
3. Press USB on the remote controller.
4. Select the desired folder or music file with the cursors of the remote controller and press ENTER to confirm and start playback (a).

- This unit can use USB storage devices that comply with the USB mass storage device class standard. The unit is also compatible with USB storage devices using the FAT16 or FAT32 file system formats.









AirPlay

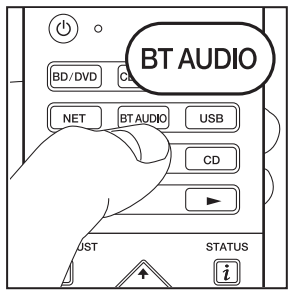
You can wirelessly enjoy the music files on an iPhone®, iPod touch®, or iPad® connected to the same access point as this unit.

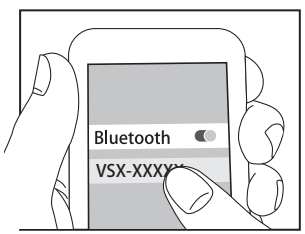
- Update the OS version on your iOS device to the latest version.

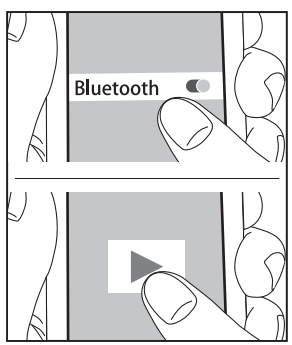
1. Connect the iOS device to the access point.
2. Press NET.
3. Tap the AirPlay icon in the control center of the iOS device and select this unit from the list of devices displayed, and tap "Done".
4. Play the music files on the iOS device.

- The default status is for the Network Standby feature to be on, so when you do steps 3 and 4 above, this unit automatically comes on and input switches to "NET". To reduce the amount of power consumed in standby mode, press the ⌂ button on the remote controller, then in the Home displayed set "System Setup" – "Hardware" – "Power Management" – "Network Standby" to "Off".
- Due to the characteristics of AirPlay wireless technology, the sound produced on this unit may slightly be behind the sound played on the AirPlay-enabled device.

You can also play back music files on the computer with iTunes (Ver. 10.2 or later). Before operation, make sure this unit and the PC are connected to the same network, then press NET on this unit. Next, click the AirPlay icon in iTunes, select this unit from the list of devices displayed, and start play of a music file.







BLUETOOTH® Playback

Pairing

1. When you press BT AUDIO on the remote controller, "Now Pairing..." is displayed on this unit's display, and the pairing mode is enabled.

Now Pairing...

2. Enable (turn on) the BLUETOOTH function of the BLUETOOTH enabled device, then select this unit from amongst the devices displayed.
   If a password is requested, enter "0000".

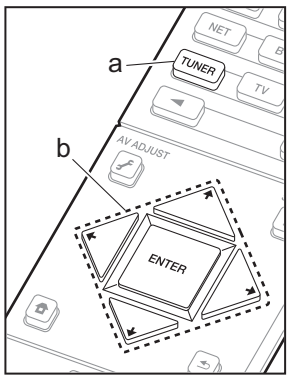
- To connect another BLUETOOTH enabled device, press and hold BT AUDIO until "Now Pairing..." is displayed, then perform step 2 above. This unit can store the data of up to 8 paired devices.
- The coverage area is 48 feet (15 meters). Note that connection is not always guaranteed with all BLUETOOTH enabled devices.

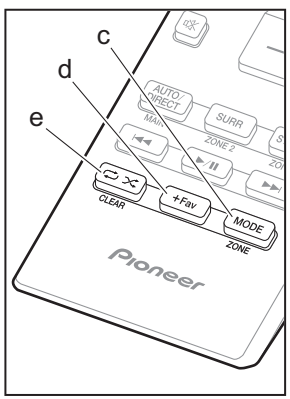
Playing Back

1. When the unit is on, connect the BLUETOOTH enabled device.
2. The input selector of this unit will be automatically switched to "BT AUDIO".
3. Play music. Increase the volume of the BLUETOOTH enabled device to an appropriate level.

- Due to the characteristics of BLUETOOTH wireless technology, the sound produced on this unit may slightly be behind the sound played on the BLUETOOTH enabled device.

Others





Listening To the Radio

1. Press TUNER (a) on the remote controller repeatedly to select either "AM" or "FM" on the display.
2. Press MODE (c) on the remote controller, so that the "TunMode: Auto" is displayed on the display.
3. When you press the ▲ / ▼ cursor (b) buttons on the remote controller, automatic tuning starts, and searching stops when a station is found. When tuned into a radio station, the "TUNED" indicator on the display lights.

You can preset up to 40 stations.

1. Tune into the AM/FM radio station you want to register.
2. Press +Fav (d) on the remote controller or +FAVORITE on the main unit so that the preset number on the display flashes.
3. While the preset number is flashing (about 8 seconds), repeatedly press the ◄ / ► cursor (b) buttons on the remote controller to select a number between 1 and 40.
4. Press +Fav (d) again on the remote controller or +FAVORITE on the main unit to register the station. When registered, the preset number stops flashing. To select a preset radio station, press the ◄ / ► cursor (b) buttons on the remote controller.

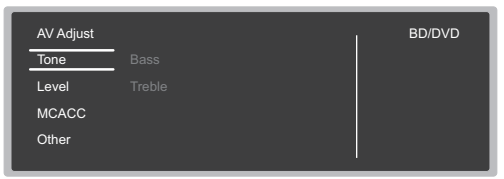
- To delete a preset station, press the ◄ / ► cursor (b) buttons on the remote controller to select the preset number you want to delete, press +Fav (d) on the remote controller or +FAVORITE on the main unit and then press CLEAR (e) while the preset number is flashing. When deleted, the number on the display goes off.

Frequency step setting

Press the HOME button on the remote controller to select "System Setup" – "Miscellaneous" – "Tuner" – "AM/FM Frequency Step" or "AM Frequency Step" and select the frequency step for your area. Note that when this setting is changed, all radio presets are deleted.

AV Adjust

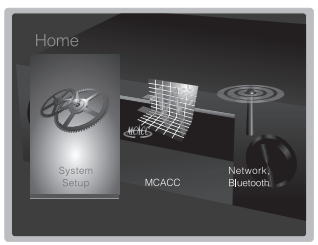
By pressing the button on the remote controller during play, you can adjust frequently used settings, such as the sound quality, using on-screen menus. Select the item with the cursors of the remote controller and press ENTER to confirm your selection. To return to the previous screen, press RETURN. Note that there is no display on the TV screen when the input selector is "CD", "TV", "PHONO", "FM", or "AM", so follow the main unit's display while doing the operations.



- You can adjust the sound quality with "Tone". "Other" includes settings such as "Sound Delay" that allows you to adjust the audio delay when the video is behind the audio, "Sound Retriever" that provides better sound quality for compressed audio.

Home

When you press ⌂ on the remote controller, the Home is displayed and you can make settings in the various menus. Select the item with the cursors of the remote controller and press ENTER to confirm your selection. To return to the previous screen, press ↩.



"System Setup": Advanced settings to provide you with an even better experience.
"MCACC": Setup the speakers automatically or make desired changes to the equalizer.
"Network/Bluetooth": Make Wi-Fi connection settings or settings related to BLUETOOTH.

When the unit is operating erratically (Resetting this unit)

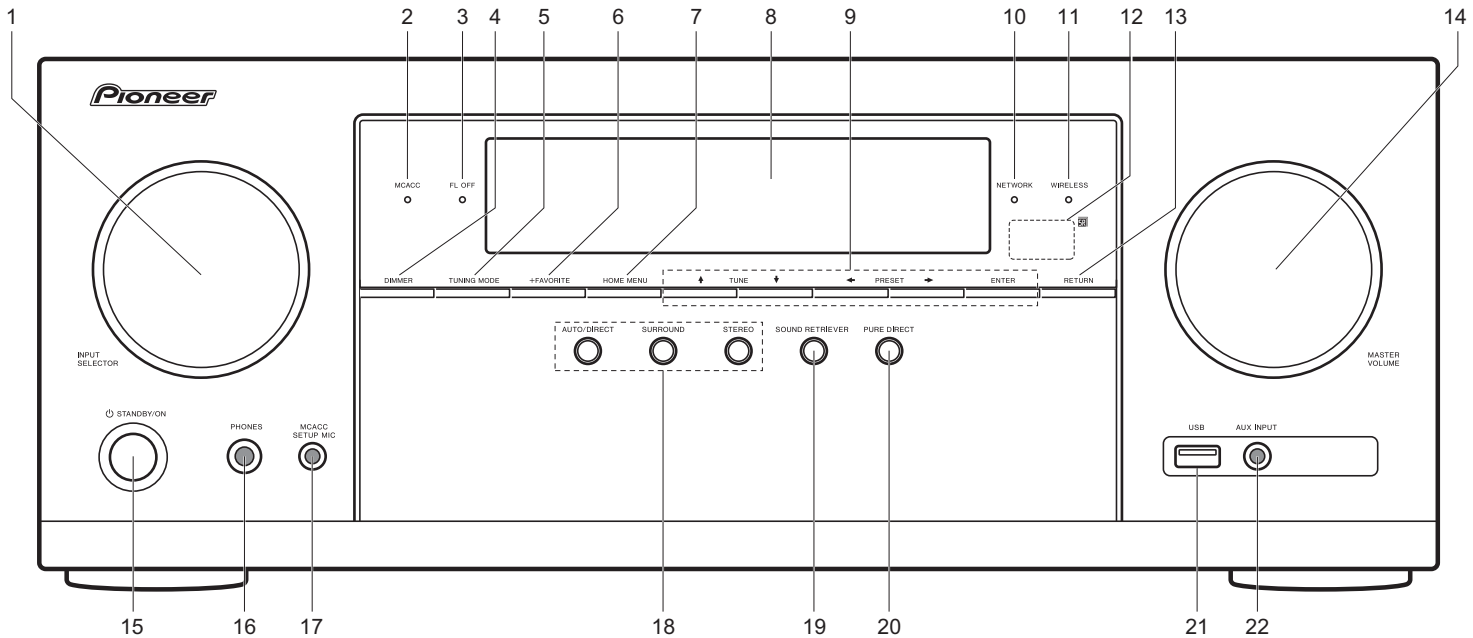
Restarting the unit may help it operate more smoothly. To restart the unit, turn it to standby, and then press ⏻ STANDBY/ON on the main unit for at least 5 seconds. (The unit's settings will be maintained.) If there is no improvement even after the unit is restarted, try disconnecting and reconnecting the power cords of the unit and connected equipment. When there is still no improvement, resetting the unit to the status at the time of shipment may solve the problem. If you reset the unit status, your preferences will be reset to the defaults. Note them down before the operation below.

How to reset the unit

1. While holding down AUTO/DIRECT on the main unit, press ⏻ STANDBY/ON on the main unit.
2. "Clear" appears on the display and the unit returns to standby. Do not unplug the power cord until "Clear" disappears from the display.

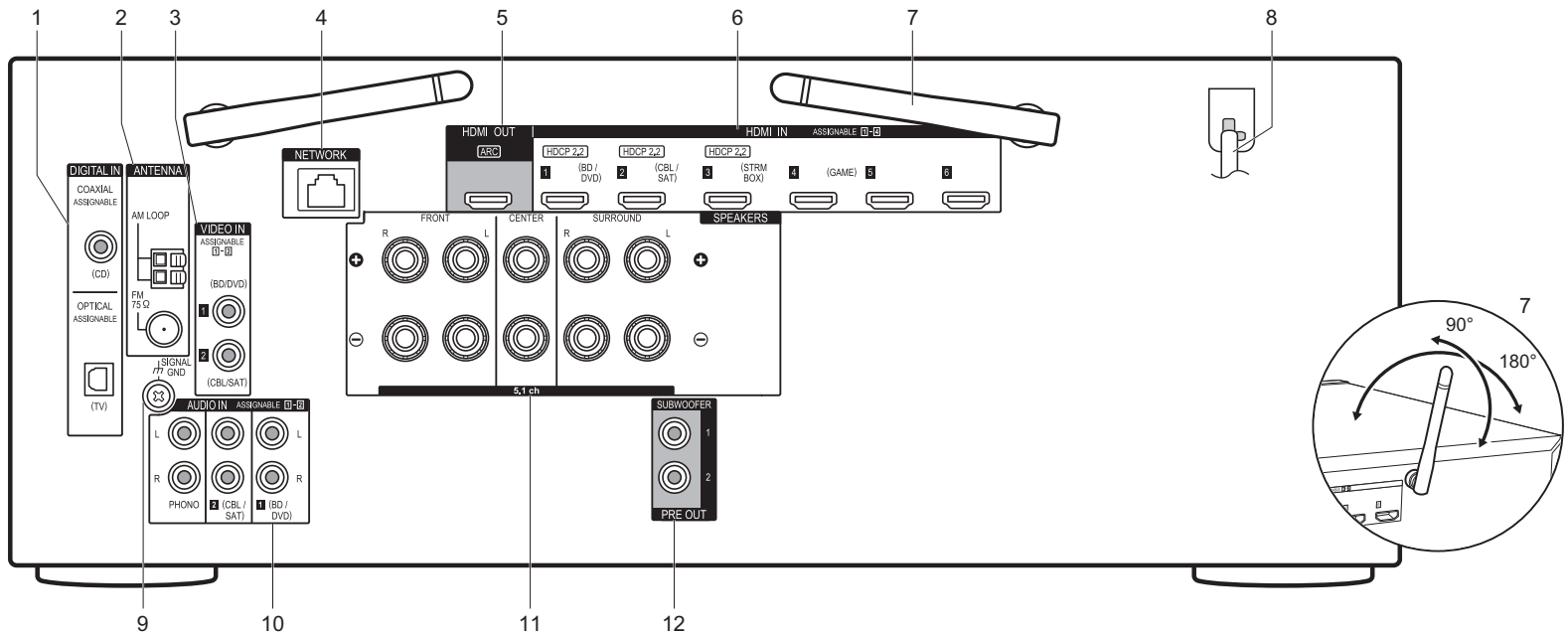
To reset the remote controller, while holding down MODE, press ↻ ⤮ until the remote indicator flash twice (about 3 seconds).

Front Panel



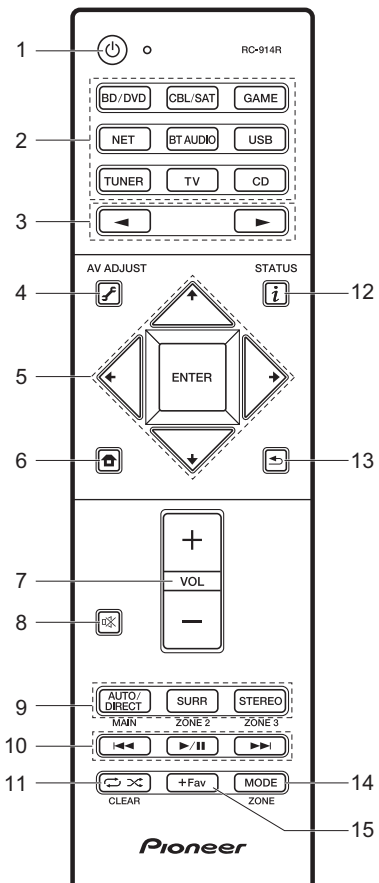
1. INPUT SELECTOR dial: Switch the input to be played.
2. MCACC indicator: This lights when you have enabled the speaker calibration made with MCACC.
3. FL OFF indicator: This lights when you have pressed DIMMER repeatedly to turn the display off.
4. DIMMER button: Switches the brightness of the display.
5. TUNING MODE button: Switches the tuning mode.
6. +FAVORITE button: Registers a radio station.
7. HOME MENU button: Displays the Home.
8. Display (➔P20)
9. Cursor buttons (▲TUNE▼ / ◄PRESET►) and ENTER button: Select the item with the cursors and press ENTER to confirm your selection. When using the TUNER, select the frequency with ▲TUNE▼, or select preset stations with ◄PRESET►.
10. NETWORK indicator: When the power of the unit is on, this lights when "NET" is selected with the input selector and the unit is connected to the network. If the unit is in standby mode, this lights when functions such as HDMI CEC and network standby are enabled.
11. WIRELESS indicator: Lights when the unit is connected to the wireless network.
12. Remote control sensor
13. RETURN button: Returns the display to the previous state.
14. MASTER VOLUME: Allows you to adjust the volume.
15. ⏻ STANDBY/ON button: Turns the unit on or into standby mode.
16. PHONES jack: Stereo headphones with a standard plug (1/4 inch or ø6.3 mm) are connected.
17. MCACC SETUP MIC jack: The supplied speaker setup microphone is connected.
18. Listening mode button: Select the listening mode.
19. SOUND RETRIEVER button: Turns on/off the Sound Retriever function that provides better sound quality for compressed audio.
20. PURE DIRECT button: Swithes to the Pure Direct mode.
21. USB port: A USB storage device is connected so that music files stored in it can be played. You can also supply power (5V/1A) to USB devices with a USB cable.
22. AUX INPUT jack: You can play the audio from an external player by connecting using a stereo mini plug cable.

Rear Panel

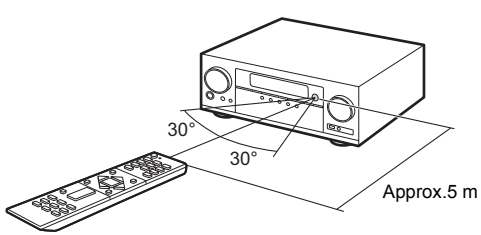


1. DIGITAL IN OPTICAL/COAXIAL jacks: Input TV or AV component digital audio signals with a digital optical cable or digital coaxial cable.
2. ANTENNA AM LOOP/FM 75Ω terminal: The supplied antennas are connected.
3. VIDEO IN jacks: Input the AV component video signals with an analog video cable.
4. NETWORK port: Connect to the network with an Ethernet cable.
5. HDMI OUT jacks: Transmit video signals and audio signals with a HDMI cable connected to a TV.
6. HDMI IN jacks: Transmit video signals and audio signals with a HDMI cable connected to an AV component.
7. Wireless antenna: Used for Wi-Fi connection or when using a BLUETOOTH enabled device. Adjust their angles according to the connection status.
8. Power cord
9. SIGNAL GND terminal: The ground wire of the turntable is connected.
10. AUDIO IN jacks: Input AV component audio signal with an analog audio cable.
11. SPEAKERS terminals: Connect speakers with speaker cables. (North American models are compatible with banana plugs.)
12. SUBWOOFER PRE OUT jack: Connect a powered subwoofer with a subwoofer cable. Up to two powered subwoofers can be connected. The same signal is output from each of the SUBWOOFER PRE OUT jacks.

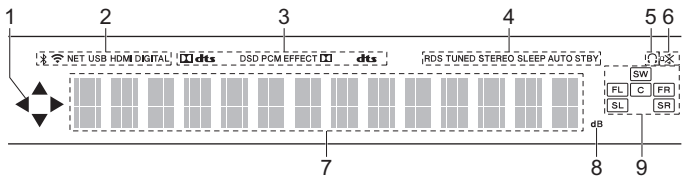
Remote Controller



1. ⏻ button: Turns the unit on or into standby mode.
2. Input selector buttons: Select the input to be played. Use the buttons in 3 to select "STRM BOX", "AUX", or "PHONO".
3. ◄► button: Input source played switches each time you press one of these buttons.
4. (AV ADJUST) button: You can perform common settings on the TV screen.
5. Cursor buttons and ENTER button: Select the item with the cursors and press ENTER to confirm your selection.
6. button: Displays the Home.
7. Volume buttons: Allows you to adjust the volume. This button also cancels the muting.
8. button: Temporarily mutes audio. Press again to cancel muting.
9. LISTENING MODE buttons: Allows you to select the listening mode.
10. Play button: Used for play operations when playing Music Server or USB.
11. button: Used for repeat or random play operations when playing Music Server or USB.
    CLEAR button: Deletes all characters you have entered when entering text on the TV screen.
12. (STATUS) button: Switches the information on the display.
13. button: Returns the display to the previous state.
14. MODE button: Switches tuning to a station between automatic tuning and manual tuning.
15. +Fav button: Registers a radio station.



Display



1. This may light when performing operations with the "NET", "USB" input selector.
2. Lights in the following conditions.
   : When connected by BLUETOOTH.
   : When connected by Wi-Fi.
   NET: When "NET" is selected with the input selector and the unit is connected to the network. It will flash if the connection to the network is not correct.
   USB: When "USB" is selected with the input selector and the unit is connected by USB and the USB device is selected. Flashes if the USB is not properly connected.
   HDMI: When HDMI signals are input and the HDMI input is selected.
   DIGITAL: When digital signals are input and the digital input is selected.
3. Lights according to the type of input digital audio signals and the listening mode.
4. Lights in the following conditions.
   RDS (European, Australian and Asian models): Receiving RDS broadcasting.
   TUNED: Receiving AM/FM radio.
   STEREO: Receiving FM stereo.
   SLEEP: When the sleep timer is set.
   AUTO STBY: Auto Standby is on.
5. Lights when headphones are connected.
6. Flashes when muting is on.
7. Displays various information of the input signals.
8. Lights when adjusting the volume.
9. Speaker/Channel display: Displays the output channel that corresponds to the selected listening mode.

License and Trademark Information

Manufactured under license from Dolby Laboratories. Dolby, Pro Logic and the double-D symbol are trademarks of Dolby Laboratories.

For DTS patents, see http://patents.dts.com. Manufactured under license from DTS, Inc. DTS, the Symbol, DTS in combination with the Symbol, the DTS-HD logo, and DTS-HD Master Audio are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved.

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance®.

AirPlay, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

iPad Air and iPad mini are trademarks of Apple Inc.

“Made for iPod”, “Made for iPhone” and “Made for iPad” mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPod, iPhone or iPad may affect wireless performance.

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

Apple, Apple TV and Safari are trademarks of Apple Inc., registered in the U.S. and other countries.

The BLUETOOTH® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Onkyo Corporation is under license. Other trademarks and trade names are those of their respective owners.

Onkyo Corporation does not guarantee BLUETOOTH compatibility between the AV receiver and all BLUETOOTH enabled devices.
For compatibility between the AV receiver and another device with BLUETOOTH technology, consult the device’s documentation and dealer. In some countries, there may be restrictions on using BLUETOOTH devices. Check with your local authorities.

Onkyo Corporation ne garantit pas la compatibilité BLUETOOTH entre l'ampli-tuner AV et tous les appareils compatibles BLUETOOTH.
Pour assurer la compatibilité entre l'ampli-tuner AV et un autre périphérique à technologie BLUETOOTH, consultez la documentation de l'appareil et le vendeur. Dans certains pays, il peut exister des restrictions sur l'utilisation d'appareils BLUETOOTH. Vérifiez auprès des autorités locales.

Onkyo Corporation no garantiza la compatibilidad BLUETOOTH entre el receptor de AV y todos los dispositivos con tecnología BLUETOOTH.
Para obtener información sobre la compatibilidad entre el receptor de AV y otro dispositivo con tecnología BLUETOOTH, consulte al distribuidor y la documentación del dispositivo. En algunos países, es posible que el uso de dispositivos BLUETOOTH esté restringido. Consulte con las autoridades locales.

Onkyo Corporation non garantisce la compatibilità BLUETOOTH tra il ricevitore AV e tutti i dispositivi abilitati al BLUETOOTH.
Per verificare la compatibilità tra il ricevitore AV e un altro dispositivo dotato di tecnologia BLUETOOTH, consultare la documentazione del dispositivo in questione o contattare il rivenditore. In alcuni Paesi potrebbero esistere delle limitazioni per l'utilizzo di dispositivi BLUETOOTH. Verificare le condizioni con le autorità locali.

Onkyo Corporation garantiert nicht die BLUETOOTH Kompatibilität zwischen dem AV-Receiver und allen BLUETOOTH fähigen Geräten.
Zur Kompatibilität zwischen dem AV-Receiver und einem anderen Gerät mit BLUETOOTH Technologie, schauen Sie in die Dokumentation des Geräts und fragen Sie den Händler. Es kann sein, dass es in einigen Ländern Beschränkungen zur Nutzung der BLUETOOTH Geräte gibt. Prüfen Sie das bei Ihren lokalen Behörden.

Onkyo Corporation garandeert niet de BLUETOOTH compatibiliteit tussen de AV-receiver en alle BLUETOOTH apparaten.
Raadpleeg voor compatibiliteit tussen de AV-receiver en een ander apparaat met BLUETOOTH technologie de documentatie van het apparaat of de verkoper. In sommige landen geldt mogelijk een beperking op het gebruik van BLUETOOTH apparatuur. Controleer de wetgeving in het land van gebruik.

Корпорация Onkyo не гарантирует совместимость по связи BLUETOOTH между AV-ресивером и всеми устройствами с функцией BLUETOOTH. Сведения о совместимости между AV-ресивером и другим устройством с функцией BLUETOOTH можно получить в документации на устройство и у его продавца. В некоторых странах могут действовать ограничения на использование устройств с функцией BLUETOOTH. Для получения информации по этому вопросу обращайтесь к представителям местной власти.

لا تضمن Onkyo وجود توافق في البلوتوث (BLUETOOTH) بين مُستقبِل إشارات الصوت والصورة وجميع الأجهزة المزودة بالبلوتوث (BLUETOOTH).
للتعرف على مدى التوافق بين مُستقبِل إشارات الصوت والصورة وأي جهاز آخر مزود بالبلوتوث (BLUETOOTH)، قم بمراجعة الوثائق المرافقة للجهاز أو اسأل الوكيل. في بعض الدول، قد تكون هناك تقييدات على استخدام الأجهزة المزودة بالبلوتوث (BLUETOOTH). راجع السلطات المحلية.

PANDORA, the PANDORA logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc. Used with permission.

Google Cast and the Google Cast badge are trademarks of Google inc.

The product with this logo is conformed to Hi-Res Audio standard defined by Japan Audio Society. This logo is used under license from Japan Audio Society.

This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

Windows and the Windows logo are trademarks of the Microsoft group of companies.

QR Code is a registered trademark of DENSO WAVE INCORPORATED.

“x.v.Color” and “x.v.Color” logo are trademarks of Sony Corporation.

DSD and the Direct Stream Digital logo are trademarks of Sony Corporation.

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

“All other trademarks are the property of their respective owners.”

“Toutes les autres marques commerciales sont la propriété de leurs détenteurs respectifs.”

“El resto de marcas comerciales son propiedad de sus respectivos propietarios”.

“Tutti gli altri marchi di fabbrica sono di proprietà dei rispettivi proprietari.”

“Alle anderen Warenzeichen sind das Eigentum ihrer jeweiligen Eigentümer.”

“Alle andere handelsmerken zijn eigendom van de desbetreffende rechthebbenden.”

“Все товарные знаки являются собственностью соответствующих владельцев.”

"جميع العلامات التجارية الأخرى مملوكة لأصحابها المعنيين."

DISCLAIMER

Through this device you are able to link to other services or websites which are not under the control of any company which has designed, manufactured or distributed/have distributed this device, and its affiliates (collectively, “Company”). We have no control over the nature, content and availability of those services. The inclusion of any links does not necessarily imply a recommendation or endorse the views expressed within them.
All information, content and services available through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws of applicable countries.
The information, content and services provided through this device are for your personal, noncommercial use only. Any information, content or services may not be used in any manner other than previously approved by the appropriate content owner or service provider.
You may not modify, copy, republish, translate, exploit, create derivative works, upload, post, transmit, sell or distribute in any manner any information, content or services available through this device, unless expressly permitted by the appropriate copyright, patent, trademark and/or other intellectual property owner, including, without limitation, content owner or service provider.
THE CONTENT AND SERVICES AVAILABLE THROUGH THIS DEVICE ARE PROVIDED “AS IS”.
COMPANY DOES NOT WARRANT INFORMATION, CONTENT OR SERVICES SO PROVIDED, EITHER EXPRESSLY OR IMPLIEDLY, FOR ANY PURPOSE.
COMPANY EXPRESSLY DISCLAIMS ANY WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
Company makes no representation or warranty of any kind, express or implied, about the completeness, accuracy, validity, legality, reliability, suitability or availability with respect to the information, content or services available through this device. Company shall not be liable, whether in contract or tort, including negligence and strict liability, for any direct, indirect, special, incidental or consequential damages or any other damages arising out of, or in connection with, any information contained in, or as a result of the use of any content or service by you or any third party, even if Company has been advised of the possibility of such damages, nor shall Company be liable for any third party claims against users of this device or any third party.
In no event shall Company be responsible nor liable for, without limiting the generality of the foregoing, any interruption or suspension of any information, content or service available through this device. Company is neither responsible nor liable for customer service related to the information, content and services available through this device. Any question or request for service relating to the information, content or services should be made directly to the appropriate content owners and services providers.

2-3-12 Yaesu, Chuo-ku, Tokyo 104-0028 JAPAN

<U.S.A.>
18 PARK WAY, UPPER SADDLE RIVER, NEW JERSEY 07458, U.S.A.
Tel: 1-201-785-2600 Tel: 1-844-679-5350

<Germany>
Hanns-Martin-Schleyer-Straße 35, 47877 Willich, Germany
Tel: +49(0)2154 913222

<UK>
Anteros Building, Odyssey Business Park, West End Road, South Ruislip,
Middlesex, HA4 6QQ United Kingdom
Tel: +44(0)208 836 3612

<France>
6, Avenue de Marais F - 95816 Argenteuil Cedex FRANCE
Tel: +33(0)969 368 050

Корпорация О энд Пи
2-3-12, Яэсу, Чуо-ку, г. Токио, 104-0028, ЯПОНИЯ

Register your product on
http://www.pioneerelectronics.com (US)
http://www.pioneerelectronics.ca (Canada)
http://www.pioneer.eu (Europe)

© 2016 Onkyo & Pioneer Corporation. All rights reserved.
© 2016 Onkyo & Pioneer Corporation. Tous droits de reproduction et de traduction réservés.

“Pioneer” is a trademark of Pioneer Corporation, and is used under license.
Printed in Malaysia / Imprimé en Malaisie / Напечатано в Малайзии

SN 29402183

F1601-0

* 2 9 4 0 2 1 8 3 *