



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ONKYO TX-SR307. You'll find the answers to all your questions on the ONKYO TX-SR307 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual ONKYO TX-SR307**  
**User guide ONKYO TX-SR307**  
**Operating instructions ONKYO TX-SR307**  
**Instructions for use ONKYO TX-SR307**  
**Instruction manual ONKYO TX-SR307**

**ONKYO®**

**AV Receiver**

***TX-SR307***

**Instruction Manual**

Thank you for purchasing an Onkyo AV Receiver.  
Please read this manual thoroughly before making  
connections and plugging in the unit.  
Following the instructions in this manual will enable  
you to obtain optimum performance and listening  
enjoyment from your new AV Receiver.  
Please retain this manual for future reference.

## Contents

Introduction .....	2
Connection .....	13
Turning On & First Time Setup .....	32
Basic Operations .....	38
Using the Listening Modes .....	49
Advanced Setup .....	54
Controlling Other Components ...	62
Others .....	68



[You're reading an excerpt. Click here to read official ONKYO TX-SR307 user guide](http://yourpdfguides.com/dref/1252002)

<http://yourpdfguides.com/dref/1252002>

**Manual abstract:**

*REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user 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 the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. Important Safety Instructions 1. 2. 3. 4. 5. 6. 7.*

*8. Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions.*

*Do not use this apparatus near water. Clean only with dry cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. 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. @@@@Only use attachments/accessories specified by the manufacturer. @@@@Unplug this apparatus during lightning storms or when unused for long periods of time. 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. 15. Damage Requiring Service Unplug the apparatus from the wall outlet and refer servicing to qualified service personnel under the following conditions: A.*

*When the power-supply cord or plug is damaged, B. If liquid has been spilled, or objects have fallen into the apparatus, C. If the apparatus has been exposed to rain or water, D. If the apparatus does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the apparatus to its normal operation, E. If the apparatus has been dropped or damaged in any way, and F. When the apparatus exhibits a distinct change in performance this indicates a need for service. 16. Object and Liquid Entry Never push objects of any kind into the apparatus through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases shall be placed on the apparatus.*

*Don't put candles or other burning objects on top of this unit. 17. Batteries Always consider the environmental issues and follow local regulations when disposing of batteries. 18. If you install the apparatus in a built-in installation, such as a bookcase or rack, ensure that there is adequate ventilation. Leave 20 cm (8") of free space at the top and sides and 10 cm (4") at the rear. The rear edge of the shelf or board above the apparatus shall be set 10 cm (4") away from the rear panel or wall, creating a fluelike gap for warm air to escape. 9. 10. 11.*

*12. 13. 14. 2 Precautions 1. Recording Copyright--Unless it's for personal use only, recording copyrighted material is illegal without the permission of the copyright holder. 2. AC Fuse--The AC fuse inside the unit is not userserviceable. If you cannot turn on the unit, contact your Onkyo dealer. 3. Care--Occasionally you should dust the unit all over with a soft cloth.*

*For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the unit immediately afterwards with a clean cloth.*

*Don't use abrasive cloths, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering. 4. Power WARNING BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY. AC outlet voltages vary from country to country. Make sure that the voltage in your area meets the voltage requirements printed on the unit's rear panel (e.g., AC 230 V, 50 Hz or AC 120 V, 60 Hz). The power cord plug is used to disconnect this unit from the AC power source.*

*Make sure that the plug is readily operable (easily accessible) at all times. For North American model Pressing the [ON/STANDBY] button to select Standby mode does not fully shutdown the unit. If you do not intend to use the unit for an extended period, remove the power cord from the AC outlet. Preventing Hearing Loss Caution Excessive sound pressure from earphones and headphones can cause hearing loss. Batteries and Heat Exposure Warning Batteries (battery pack or batteries installed) shall not be exposed to excessive heat as sunshine, fire or the like.*

*Never Touch this Unit with Wet Hands--Never handle this unit or its power cord while your hands are wet or damp. If water or any other liquid gets inside this unit, have it checked by your Onkyo dealer. Handling Notes · If you need to transport this unit, use the original packaging to pack it how it was when you originally bought it. · Do not leave rubber or plastic items on this unit for a long time, because they may leave marks on the case. · This unit's top and rear panels may get warm after prolonged use.*

*This is normal. · If you do not use this unit for a long time, it may not work properly the next time you turn it on, so be sure to use it occasionally. For U.S. models FCC Information for User CAUTION: The user changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: · Reorient or relocate the receiving antenna.*

*· Increase the separation between the equipment and receiver. · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*



**[You're reading an excerpt. Click here to read official ONKYO TX-SR307 user guide](http://yourpdfguides.com/dref/1252002)**  
<http://yourpdfguides.com/dref/1252002>

· Consult the dealer or an experienced radio/TV technician for help. 5. For Canadian Models NOTE: THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003. For models having a power cord with a polarized plug: CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT. 6. Modèle pour les Canadiens REMARQUE: CET APPAREIL NUMÉRIQUE DE LA CLASSE B EST CONFORME À LA NORME NMB-003 DU CANADA. Sur les modèles dont la fiche est polarisée: ATTENTION: POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND. 7.

8. 3 Precautions--Continued For British models Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel. Supplied Accessories Make sure you have the following accessories: IMPORTANT The wires in the mains lead are coloured in accordance with the following code: Blue: Neutral Brown: Live As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. IMPORTANT The plug is fitted with an appropriate fuse.

If the fuse needs to be replaced, the replacement fuse must approved by ASTA or BSI to BS1362 and have the same ampere rating as that indicated on the plug. Check for the ASTA mark or the BSI mark on the body of the fuse. If the power cord's plug is not suitable for your socket outlets, cut it off and fit a suitable plug. Fit a suitable fuse in the plug. Remote controller and two batteries (AA/R6) Speaker setup microphone Indoor FM antenna AM loop antenna SURROUND BACK LEFT SURROUND BACK LEFT SURROUND BACK RIGHT SURROUND BACK RIGHT SP-B/ZONE2 LEFT SP-B/ZONE2 LEFT FRONT WIDE FRONT RIGHT FRONT RIGHT WIDE FRONT WIDE RIGHT WIDE RIGHT SP-B/ZONE2 LEFT SP-B/ZONE2 LEFT SP-B/ZONE2 RIGHT SP-B/ZONE2 RIGHT SURROUND LEFT SURROUND RIGHT CENTER SURROUND LEFT SURROUND RIGHT CENTER FRONT LEFT FRONT LEFT FRONT RIGHT FRONT RIGHT SURROUND BACK LEFT SURROUND BACK LEFT SURROUND LEFT SURROUND RIGHT SURROUND BACK RIGHT SURROUND BACK RIGHT SURROUND LEFT SURROUND RIGHT FRONT LEFT FRONT LEFT FRONT RIGHT FRONT RIGHT CENTER HIGH RIGHT HIGH LEFT HIGH LEFT HIGH RIGHT WIDE LEFT FRONT FRONT FRONT FRONT FRONT 2 Speaker Cable FRONT RIGHT FRONT LEFT FRONT LEFT Declaration of Conformity We, ONKYO EUROPE ELECTRONICS GmbH LIEGNITZERSTRASSE 6, 82194 GROEBENZELL, GERMANY declare in own responsibility, that the ONKYO product described in this instruction manual is in compliance with the corresponding technical standards such as EN60065, EN55013, EN55020 and EN61000-3-2, -3-3.

GROEBENZELL, GERMANY K. MIYAGI Speaker cable labels FRONT LEFT FRONT RIGHT FRONT LEFT For European Models 1 3 WIDE HIGH HIGH HIGH WIDE HIGH FRONT WIDE LEFT \* Power-plug adapter Only supplied in certain countries. Use this adapter if your AC outlet does not match with the plug on the AV receiver's power cord. (Adapter varies from country to country.) \*How to mount the AC plug: ONKYO EUROPE ELECTRONICS GmbH \* In catalogs and on packaging, the letter at the end of the product name indicates the color. Specifications and operation are the same regardless of color. 4 SP-B/ZONE2 RIGHT SP-B/ZONE2 RIGHT CENTER Contents Introduction Important Safety Instructions ....

.....  
.....  
.....  
.....

.. 2 Precautions .....

.....  
.....  
.....  
.....  
.....  
.....  
.....

..... 3 Supplied Accessories.....

.....  
.....  
.....  
.....  
.....  
.....

... 4 Features .....

.....  
.....  
.....  
.....  
.....  
.....  
.....

. 6 Front & Rear Panels.....

.....

.....  
.....  
.....  
.....  
.....  
.....  
*. 7 Front Panel.....*

.....  
.....  
.....  
.....  
.....  
.....  
.....  
*. 7 Display.....*

*...ler .....*  
.....  
.....  
*..... 63 Controlling a DVD Player..*

.....  
.....  
.....  
.....  
*..... 64 Controlling a CD Player, CD Recorder, or MD Player .....*

.....  
.....  
.....  
.....  
.....  
*..... 65 Controlling an RI Dock..*

.....  
.....  
.....  
.....  
.....  
*..... 66 Turning On & First Time Setup Turning On the AV receiver.*

.....  
.....  
.....  
.....  
.....  
*. 32 Turning On and Standby ....*

.....  
.....  
.....  
.....  
*... 32 First Time Setup.....*

.....  
.....  
.....  
.....  
.....  
.....  
*.. 33 Audyssey 2EQ™ Room Correction and Speaker Setup ...*  
.....

.....  
.....  
.....  
.....

..... 33 Component Video Input Setup ...

.....  
.....  
.....

..... 36 Digital Input Setup .....

.....  
.....  
.....

.....  
.....  
.....

.. 36 Changing the Input Display .....

.....  
.....  
.....

..... 37 \* Others Troubleshooting.....

.....  
.....  
.....  
.....

.....  
.....  
.....

68 Specifications .....

.....  
.....  
.....  
.....

.....  
.....

... 71 To reset the AV receiver to its factory defaults, turn ion (39, 47) Adjusts the display brightness. On the European models, this is the [RT/PTY/TP] button, and it's used with RDS (Radio Data System).

See "Using RDS (European models only)" on page 46. MEMORY button (45) Used when storing or deleting radio presets. TUNING MODE button (43) Selects the Auto or Manual tuning mode for AM and FM radio. 7 Front & Rear Panels--Continued For detailed information, see the pages in parentheses. DISPLAY button (40, 44) Displays various information about the currently selected input source. SETUP button Opens and closes the setup menus. TUNING, PRESET, Arrow, and ENTER buttons When AM or FM is selected, the TUNING [ ]/[ ] buttons are used for radio tuning, and the PRESET [ ]/[ ] buttons are used to select radio presets (see page 45). With the setup menus, they work as arrow buttons and are used to select and set items. The [ENTER] button is also used with the setup menus. RETURN button Selects the previously displayed setup menu.

MASTER VOLUME control (38) Sets the volume of the AV receiver to Min, 1 through 79, or Max. PHONES jack (40) This 1/4-inch phone jack is for connecting a standard pair of stereo headphones for private listening. MUSIC OPTIMIZER button (41, 61) Turns the Music Optimizer on or off. Input selector buttons (38) Select the following input sources: DVD/BD, VCR/DVR, CBL/SAT, AUX, TV/TAPE, AM, FM, CD. AUX INPUT (27, 48) Used to connect a camcorder, game console, and so on. There are input jacks for composite video and analog audio. PORTABLE (27): Used to connect a portable Audio Player. SETUP MIC (34) The Audyssey 2EQ Room Correction and Speaker Setup microphone connects here. Display For detailed information, see the pages in parentheses. A and B speaker indicators (13, 38) Indicator A lights up when speaker set A is on.

Indicator B lights up when speaker set B is on. MUTING indicator (39) Flashes while the AV receiver is muted. Listening mode and format indicators (49) Show the selected listening mode and audio input signal format. Tuning indicators (43) FM STEREO (43): Lights up when tuned to a stereo FM station. RDS (46): Lights up when tuned to a radio station that supports RDS (Radio Data System).

AUTO (43): Lights up when Auto Tuning mode is selected for AM or FM radio. Goes off when Manual Tuning mode is selected. TUNED (43): Lights up when tuned to a radio station. SLEEP indicator (39) Lights up when the Sleep function has been set. Message area Displays various information.

Audio input indicators Indicate the type of audio input that's selected as the audio source: PCM. Audyssey indicator (34, 56) Flashes during Audyssey 2EQTM Room Correction and Speaker Setup.

[You're reading an excerpt. Click here to read official ONKYO TX-](#)



[SR307 user guide](#)

<http://yourpdfguides.com/dref/1252002>

Lights up when the "Equalizer Settings" is set to "Audyssey". 8 Front & Rear Panels--Continued Rear Panel DIGITAL IN COAXIAL These coaxial digital audio inputs are for connecting components with a coaxial digital audio output, such as a CD player or DVD/BD player. They're assignable, which means you can assign each one to an input selector to suit your setup. See "Digital Input Setup" on page 36. DIGITAL IN OPTICAL 1 and 2 These optical digital audio inputs are for connecting components with an optical digital audio output, such as a CD player or DVD/BD player. They're assignable, which means you can assign each one to an input selector to suit your setup. See "Digital Input Setup" on page 36. COMPONENT VIDEO IN 1 and 2 These RCA component video inputs are for connecting components with a component video output, such as a DVD/BD player, DVD/BD recorder, or DVR (digital video recorder).

They're assignable, which means you can assign each one to an input selector to suit your setup. See "Component Video Input Setup" on page 36. COMPONENT VIDEO OUT This RCA component video output is for connecting a TV or projector with a component video input. HDMI IN 13 and OUT HDMI (High Definition Multimedia Interface) connections carry digital audio and digital video. The HDMI inputs are for connecting components with an HDMI output, such as a DVD/BD player, DVD/BD recorder, or DVR (digital video recorder). The HDMI outputs are for connecting a TV or projector with an HDMI input. AM and FM ANTENNA The AM push terminals are for connecting an AM antenna. The FM jack is for connecting an FM antenna. MONITOR OUT The composite video jack should be connected to a video input on your TV or projector. FRONT SPEAKERS A, CENTER, and SURR L/R SPEAKERS These terminal posts and push terminals are for connecting speaker set A. FRONT SPEAKERS B These push terminals are for connecting speaker set B. REMOTE CONTROL This (Remote Interactive) jack can be connected to the jack on another -capable Onkyo component for remote and system control. To use, you must make an analog audio connection (RCA) between the AV receiver and the other component, even if they are connected digitally. CD IN This analog audio input is for connecting a CD player's analog audio output. TV/TAPE IN/OUT These analog audio input and output jacks are for connecting a recorder with an analog audio input and output, such as a cassette deck, MD recorder, etc.

CBL/SAT IN A cable or satellite receiver can be connected here. There is composite video input jacks for connecting the video signal, and there are analog audio input jacks for connecting the audio signal. 9 Front & Rear Panels--Continued VCR/DVR IN/OUT A video component, such as a VCR or DVR, can be connected here for recording and playback. There is composite video input and output jacks for connecting the video signal, and there are analog audio input jacks for connecting the audio signal. DVD/BD IN This input is for connecting a DVD/BD player.

There is composite video input jacks for connecting the video signal, and there are analog audio input jacks for connecting the audio signal. SUBWOOFER PRE OUT This analog audio output can be connected to a powered subwoofer. See pages 1331 for hookup information. 10 Remote Controller Controlling the AV receiver To control the AV receiver, press the [RECEIVER] button to select Receiver mode. You can also use the remote controller to control your DVD/BD player, CD player, and other components. See page 62 for more details. SP A/B button (13, 38) This button is used to turn speaker sets A and B on or off. Arrow [ ]/[ ]/[ ] and ENTER buttons Used to select and adjust settings. SETUP button Used to change settings. LISTENING MODE buttons (49) Used to select the listening modes.

3 DIMMER button (39) Adjusts the display brightness. DISPLAY button (40) Displays information about the current input source. MUTING button (39) Mutes or unmutes the AV receiver. VOL [ ]/[ ] button (38) Adjusts the volume of the AV receiver regardless of the currently selected remote controller mode. RETURN button Returns to the previous display when changing settings. AUDIO button (41, 60) Used to change audio settings. SLEEP button (39) Used with the Sleep function. Controlling the tuner To control the AV receiver's tuner, press the [AM], [FM] button. 1 4 5 2 1 Arrow [ ]/[ ] buttons Used to tune into radio stations. 2 D.

TUN button (44) Selects the Direct tuning mode. 3 DISPLAY button (44) Displays information about the band, frequency, preset number, and so on. 4 CH +/- button (45) Selects radio presets. For detailed information, see the pages in parentheses. ON/STANDBY button (32) Sets the AV receiver to On or Standby.

REMOTE MODE/INPUT SELECTOR buttons (38, 6466) Selects the remote controller modes and the input sources. TONE, +, and buttons (40) Used to adjust the tone (bass and treble). 5 Number buttons (44) Used to select AM and FM radio stations directly (In the Direct tuning mode). 11 Remote Controller--Continued Installing the Batteries Aiming the Remote Controller When using the remote controller, point it toward the AV receiver's remote control sensor, as shown below. Remote control sensor STANDBY indicator AV receiver 1 To open the battery compartment, press the small lever and remove the cover.

30° 2 Insert the two supplied batteries (AA/R6) in accordance with the polarity diagram inside the battery compartment. 30° Approx. 16 ft. (5 m) 3 Replace the cover and push it shut. Notes: · The remote controller may not work reliably if the AV receiver is subjected to bright light, such as direct sunlight or inverter-type fluorescent lights. Keep this in mind when installing. · If another remote controller of the same type is used in the same room, or the AV receiver is installed close to equipment that uses infrared rays, the remote controller may not work reliably. · Don't put anything on top of the remote controller, such as a book or magazine, because a button may be pressed continuously, thereby draining the batteries. · The remote controller may not work reliably if the AV receiver is installed in a rack behind colored glass doors. Keep this in mind when installing.

· The remote controller will not work if there's an obstacle between it and the AV receiver's remote control sensor. Notes: · If the remote controller doesn't work reliably, try replacing the batteries. · Don't mix new and old batteries or different types of batteries. · If you intend not to use the remote controller for a long time, remove the batteries to prevent damage from leakage or corrosion. · Expired batteries should be removed as soon as possible to prevent damage from leakage or corrosion. 12 Enjoying Home Theater Speaker Sets A and B You can use two sets of speakers with the AV receiver: speaker set A and speaker set B.



[You're reading an excerpt. Click here to read official ONKYO TX-SR307 user guide](http://yourpdfguides.com/dref/1252002)  
<http://yourpdfguides.com/dref/1252002>

Speaker set A should be used in your main listening room for up to 5.1-channel playback. \* While speaker set B is on, speaker set A is reduced to 2.1-channel playback.

Speaker set B can be used in another room and offers 2-channel stereo playback. Speaker set A AV receiver or Off Remote controller On Off On Off Speaker set B On Indicator A A B B Output Set A: 2.1 channels Set B: 2 channels Set A: 5.1 channels Set B: 2 channels No sound Speaker Set A: Main Room Front left and right speakers These output the overall sound. Their role in a home theater is to provide a solid anchor for the sound image.

They should be positioned facing the listener at about ear level, and equally spaced from the TV. Angle them inward. Center speaker This speaker enhances the front left and right speakers, making sound movements distinct and providing a full sound image. For movies it's used mainly for dialog. Position it close to your TV facing forward at about ear level, or at the same height as the front left and right speakers.

\* While speaker set B is on, this speaker outputs no sound. Corner Subwoofer The subwoofer handles the bass sounds of the LFE (Low-Frequency Effects) channel. In general, a good bass sound can be obtained by installing the subwoofer in a front corner, or at one-third the way along the wall, as shown. Tip: To find the best position for your subwoofer, while playing a movie or some music with good bass, experiment by placing your subwoofer at various positions within the room and choose the one that provides the most satisfying results. 1/3 wall length Speaker Set B: Sub Room Surround left and right speakers These speakers are used for precise sound positioning and to add realistic ambience. Position them at the sides of the listener, or slightly behind, about 23 feet (60-100 cm) above ear level. Ideally they should be equally spaced from the listener. \* While speaker set B is on, these speakers output no sound. 13 Connecting the AV Receiver Connecting Your Speakers Speaker Configuration For the best surround-sound experience, you should connect five speakers and a powered subwoofer. The following table shows which channels you should use based on the number of speakers you have.

Number of speakers: Front left Front right Center Surround left Surround right 2 3 4 5 The supplied speaker labels are color-coded and you should attach them to the positive (+) side of each speaker cable in accordance with the above table. All you need to do then is to match the color of each label to the corresponding speaker terminal. For North American model · If you are using banana plugs, tighten the speaker terminal before inserting the banana plug. · Do not insert the speaker code directly into the center hole of the speaker terminal. Speaker Connection Precautions Read the following before connecting your speakers: · You can connect speakers with an impedance of 6 ohms or higher. If you use speakers with a lower impedance, and use the amplifier at high volume levels for a long period of time, the built-in protection circuit may be activated. · Disconnect the power cord from the wall outlet before making any connections. · Read the instructions supplied with your speakers. · Pay close attention to speaker wiring polarity. Connect positive (+) terminals to only positive (+) terminals, and negative (-) terminals to only negative (-) terminals.

If you get them the wrong way around, the sound will be out of phase and will sound unnatural. · Unnecessarily long or very thin speaker cables may affect the sound quality and should be avoided. · Be careful not to short the positive and negative wires. Doing so may damage the AV receiver. FRONT SPEAKERS A OTHERS No matter how many speakers you use, a powered subwoofer is recommended for a powerful and solid bass.

To get the best from your surround-sound system, you must set the speaker settings. You can do this automatically (see page 33) or manually (see page 54). Connecting a Powered Subwoofer Using a suitable cable, connect the AV receiver's PRE OUT: SUBWOOFER to the input on your powered subwoofer. If your subwoofer is unpowered and you're using an external amplifier, connect the PRE OUT: SUBWOOFER to the amp's input. Powered subwoofer LINE INPUT LINE INPUT · Don't connect more than one cable to each speaker terminal.

Doing so may damage the AV receiver. · Don't connect a speaker to several terminals. Attaching the Speaker Labels The AV receiver's positive (+) speaker terminals are color-coded for ease of identification. (The negative (-) speaker terminals are all black.) Speaker Front left Front right Center Surround left

Surround right Color White Red Green Blue Gray 14 Connecting the AV Receiver--Continued Connecting the Speaker Cables FRONT SPEAKERS A OTHERS 1 5/8" (15mm) 1 Strip about 5/8" (15 mm) of insulation from the ends of the speaker cables, and twist the bare wires tightly, as shown. Unscrew the terminal. Strip 3/8" (10 mm) of insulation from the ends of the speaker cables, and twist the bare wires tightly, as shown. 3/8" (10mm) 2 2 3 Fully insert the bare wire. While pressing the lever, insert the wire into the hole, and then release the lever. Make sure that the terminals are gripping the bare wires, not the insulation.

4 Screw the terminal tight. The following illustration shows which speaker should be connected to each pair of terminals. Surround right speaker Surround left speaker Front right speaker A Front left speaker A Speaker Set A Center speaker Front right speaker B Front left speaker B Speaker Set B 15 Connecting the AV Receiver--Continued Connecting Antenna This section explains how to connect the supplied indoor FM antenna and AM loop antenna, and how to connect commercially available outdoor FM and AM antennas. The AV receiver won't pick up any radio signals without any antenna connected, so you must connect the antenna to use the tuner. AM ANTENNA push terminals If you cannot achieve good reception with the supplied indoor FM antenna, try a commercially available outdoor FM antenna instead (see page 17). Connecting the AM Loop Antenna The supplied indoor AM loop antenna is for indoor use only. 1 Assemble the AM loop antenna, inserting the tabs into the base, as shown. FM ANTENNA jack Connecting the Indoor FM Antenna The supplied indoor FM antenna is for indoor use only. 2 1 Attach the FM antenna, as shown. North American Model Connect both wires of the AM loop antenna to the AM push terminals, as shown.

(The antenna's wires are not polarity sensitive, so they can be connected either way around.) Make sure that the wires are attached securely and that the push terminals are gripping the bare wires, not the insulation. Insert the plug fully into the jack.



[You're reading an excerpt. Click here to read official ONKYO TX-SR307 user guide](http://yourpdfguides.com/dref/1252002)

<http://yourpdfguides.com/dref/1252002>

*Other Models Push Insert wire Release Insert the plug fully into the jack. Once your AV receiver is ready for use, you'll need to tune into an FM radio station and adjust the position of the FM antenna to achieve the best possible reception.*

*2 Use thumbtacks or something similar to fix the FM antenna into position. Once your AV receiver is ready for use, you'll need to tune into an AM radio station and adjust the position of the AM antenna to achieve the best possible reception. Keep the antenna as far away as possible from your AV receiver, TV, speaker cables, and power cords. If you cannot achieve good reception with the supplied indoor AM loop antenna, try using it with a commercially available outdoor AM antenna (see page 17). Thumbtacks, etc.*

*Caution: Be careful that you don't injure yourself when using thumbtacks. 16 Connecting the AV Receiver--Continued Connecting an Outdoor FM Antenna If you cannot achieve good reception with the supplied indoor FM antenna, try a commercially available outdoor FM antenna instead. Connecting an Outdoor AM Antenna If good reception cannot be achieved using the supplied AM loop antenna, an outdoor AM antenna can be used in addition to the loop antenna, as shown. Outdoor antenna Insulated antenna cable AM loop antenna Notes: · Outdoor FM antennas work best outside, but usable results can sometimes be obtained when installed in an attic or loft. · For best results, install the outdoor FM antenna well away from tall buildings, preferably with a clear line of sight to your local FM transmitter. · Outdoor antenna should be located away from possible noise sources, such as neon signs, busy roads, etc. · For safety reasons, outdoor antenna should be situated well away from power lines and other high-voltage equipment. · Outdoor antenna must be grounded in accordance with local regulations to prevent electrical shock hazards. Using a TV/FM Antenna Splitter It's best not to use the same antenna for both FM and TV reception, as this can cause interference problems. If circumstances demand it, use a TV/FM antenna splitter, as shown.*

*Outdoor AM antennas work best when installed horizontally outside, but good results can sometimes be obtained indoors by mounting horizontally above a window. Note that the AM loop antenna should be left connected. Outdoor antenna must be grounded in accordance with local regulations to prevent electrical shock hazards. TV/FM antenna splitter To AV receiver To TV (or VCR) 17 Connecting the AV Receiver--Continued About AV Connections · Before making any AV connections, read the manuals supplied with your other AV components. · Don't connect the power cord until you've completed and double-checked all AV connections. AV Connection Color Coding RCA-type AV connections are usually color coded: red, white, and yellow. Use red plugs to connect rightchannel audio inputs and outputs (typically labeled "R"). Use white plugs to connect left-channel audio inputs and outputs (typically labeled "L"). And use yellow plugs to connect composite video inputs and outputs. Left (white) Right (red) (Yellow) Composite video Analog audio Left (white) Right (red) (Yellow) Right! Optical Digital Jacks The AV receiver's optical digital jacks have shutter-type covers that open when an optical plug is inserted and close when it's removed.*

*Push plugs in all the way. Caution: To prevent shutter damage, hold the optical plug straight when inserting and removing. · Push plugs in all the way to make good connections (loose connections can cause noise or malfunctions). · To prevent interference, keep audio and video cables away from power cords and speaker cables. Wrong! AV Cables and Jacks Video/Audio Cable HDMI Jack HDMI Description HDMI connections can carry uncompressed standard or high-definition digital video and audio and offer the best picture and sound quality.*

*Video Y Component video cable Y PB/CB PR/CR Y PB/CB PR/CR CB/PB CR/PR Component video separates the luminance (Y) and color difference signals (PR, PB), providing the best picture quality. (Some TV manufacturers label their component video jacks slightly differently.) V Composite video cable Audio*

*Optical digital audio cable Coaxial digital audio cable Analog audio cable (RCA) Composite video is commonly used on TVs, VCRs, and other video equipment. OPTICAL This offers the best sound quality and allows you to enjoy Dolby Digital and DTS. The audio quality is the same as for coaxial.*

*This offers the best sound quality and allows you to enjoy Dolby Digital and DTS. The audio quality is the same as for optical. This cable carries analog audio. It's the most common connection format for analog audio and can be found on virtually all AV components. This cable carries analog audio. COAXIAL L R Stereo mini plug cable Note: The AV receiver does not support SCART connections. 18 Connecting the AV Receiver--Continued Connecting Audio and Video Signals to the AV receiver By connecting both the audio and video outputs of your DVD player and other AV components to the AV receiver, you can switch the audio and video signals simultaneously simply by changing the input source on the AV receiver. · Signal Flow Video Audio Video Audio TV, projector, etc. Speakers (see page 15 for hookup details) DVD/BD player, etc. Which Connections Should I Use? The AV receiver supports several connection formats for compatibility with a wide range of AV equipment.*

*The format you choose will depend on the formats supported by your other components. Use the following sections as a guide. For video components, you must make an audio connection and a video connection. Video Signal Flow Chart Video Connection Formats Video equipment can be connected to the AV receiver by using any one of the following video connection formats: composite video, component video, or HDMI, the latter offering the best picture quality. When choosing a connection format, bear in mind that the AV receiver doesn't convert between formats, so only outputs of the same format as the input will output the signal. DVD player, etc. Composite Component HDMI IN AV receiver MONITOR OUT Composite Component HDMI TV, projector, etc. Audio Connection Formats Audio equipment can be connected to the AV receiver by using any of the following audio connection formats: analog, optical, coaxial, or HDMI. When you connect audio equipment to an OPTICAL or COAXIAL input, you must assign that input to an input selector (see page 36). Audio signals received by the HDMI IN jacks are output only by the HDMI OUT (PassThru).*

*HDMI sources are not output by the speakers connected to the AV receiver. Audio Signal Flow Chart DVD player, etc. HDMI Optical Coaxial Analog AV receiver HDMI Analog TV, projector, etc.*



[You're reading an excerpt. Click here to read official ONKYO TX-SR307 user guide](http://yourpdfguides.com/dref/1252002)

<http://yourpdfguides.com/dref/1252002>

19 Connecting the AV Receiver--Continued Connecting Components with HDMI About HDMI Designed to meet the increased demands of digital TV, HDMI (High Definition Multimedia Interface) is a new digital interface standard for connecting TVs, projectors, DVD/BD players, set-top boxes, and other video components. Until now, several separate video and audio cables have been required to connect AV components.

With HDMI, a single cable can carry control signals, digital video, and up to eight channels of digital audio (2-channel PCM, multichannel digital audio, or multichannel PCM). The HDMI video stream (i.e., video signal) is compatible with DVI (Digital Visual Interface)\*1, so TVs and displays with a DVI input can be connected by using an HDMI-to-DVI adapter cable. (This may not work with some TVs and displays, resulting in no picture.)

) The AV receiver uses HDCP (High-bandwidth Digital Content Protection), so only HDCP-compatible components will display a picture. The AV receiver's HDMI interface is based on the following standard: Pass-Thru About Copyright Protection The AV receiver supports HDCP (High-bandwidth Digital Content Protection)\*2, a copy-protection system for digital video signals. Other devices connected to the AV receiver via HDMI must also support HDCP.

Use a commercially available HDMI cable (supplied with some components) to connect the AV receiver's HDMI OUT to the HDMI input on your TV or projector. \*1 DVI (Digital Visual Interface): The digital display interface standard set by the DDWG\*3 in 1999. \*2 HDCP (High-bandwidth Digital Content Protection): The video encryption technology developed by Intel for HDMI/DVI. It's designed to protect video content and requires a HDCP-compatible device to display the encrypted video. \*3 DDWG (Digital Display Working Group): Led by Intel, Compaq, Fujitsu, Hewlett Packard, IBM, NEC, and Silicon Image, this open industry group's objective is to address the industry's requirements for a digital connectivity specification for high-performance PCs and digital displays. 20 Connecting the AV Receiver--Continued Making HDMI Connections If you have an HDMI-compatible player, you can connect it to the AV receiver with an HDMI cable. Step 1: Connect your HDMI-compatible TV to the AV receiver's HDMI OUT jack.

Step 2: Connect your HDMI-compatible player to the AV receiver's HDMI IN 1, 2, or 3 jack. Step 3: Connect your HDMI-compatible player to an analog and/or digital audio input on the AV receiver. Audio Signals · Audio and video signals received via inputs other than the HDMI IN jacks are not output by the HDMI OUT. · Audio and video signals received via the HDMI IN jacks are output only by the HDMI OUT. · To watch an HDMI source that's connected via the AV receiver's HDMI jacks, the AV receiver must be turned on, otherwise no HDMI signal will be output. · If you want to listen through the speakers connected to the AV receiver, in addition to an HDMI connection, you'll also need to make a separate analog or digital audio connection. HDMI OUT HDMI IN TV Step 2 DVD/BD player Step 3 Step 1 Tip! If you make the connection described in step 3, to fully enjoy the AV receiver's listening modes, turn down the volume on your TV all the way so that its speakers output no sound. Connect one or the other Sound off Notes: · The HDMI video stream is compatible with DVI (Digital Visual Interface), so TVs and displays with a DVI input can be connected by using an HDMI-to-DVI adapter cable. (Note that DVI connections only carry video, so you'll need to make a separate connection for audio.) However, reliable operation with such an adapter is not guaranteed. In addition, video signals from a PC are not supported. · When listening to an HDMI component through the AV receiver, set the HDMI component so that its video can be seen on the TV screen (on the TV, select the input of the HDMI component connected to the AV receiver). · The HDMI audio signal (sampling rate, bit length, etc.) may be restricted by the connected source component. If the picture is poor or there's no sound from a component connected via HDMI, check its setup.

Refer to the connected component's instruction manual for details. 21 Connecting the AV Receiver--Continued Connecting a TV or Projector Step 1: Video Connection Choose a video connection that matches your TV ( A or B ), and then make the connection. Step 2: Audio Connection Choose an audio connection that matches your TV ( a , b , or c ), and then make the connection. · With connection a , you can listen to and record audio from your TV. · To enjoy Dolby Digital and DTS, use connection b or c .

Connection A B a b c AV receiver COMPONENT VIDEO OUT MONITOR OUT V TV/TAPE IN L/R DIGITAL IN COAXIAL (DVD/BD) DIGITAL IN OPTICAL 1 (CBL/SAT) Signal flow TV Component video input Composite video input Analog audio L/R output Digital coaxial output Digital optical output a c b a B C L OPTICAL OUT COAXIAL OUT AUDIO OUT R VIDEO IN Y PB PR COMPONENT VIDEO IN Connect one or the other These connection must be assigned (see page 36) TV, projector, etc. Hint! If your TV has no audio outputs, connect an audio output from your VCR or cable or satellite receiver to the AV receiver and use its tuner to listen to TV programs through the AV receiver (see pages 24 and 26). 22 Connecting the AV Receiver--Continued

Connecting a DVD/BD player Step 1: Video Connection Choose a video connection that matches your DVD/BD player ( A or B ), and then make the connection. You must connect the AV receiver to your TV with the same type of connection. Step 2: Audio Connection Choose an audio connection that matches your DVD/BD player ( a , b , or c ), and then make the connection. · With connection a , you can listen to and record audio from a DVD. · To enjoy Dolby Digital and DTS, use connection b or c . (To record as well, use a and b , or a and c .) · If your DVD/BD player has main left and right outputs and multichannel left and right outputs, be sure to use the main left and right outputs for connection a . Connection A B a b c AV receiver COMPONENT VIDEO IN 1 (DVD/BD) DVD/BD IN V DVD/BD IN L/R DIGITAL IN COAXIAL (DVD/BD) DIGITAL IN OPTICAL 1 (CBL/SAT) Signal flow DVD/BD player Component video output Composite video output Analog audio L/R output Digital coaxial output Digital optical output c A b B C a L OPTICAL OUT COAXIAL OUT VIDEO OUT AUDIO OUT R Y PB PR COMPONENT VIDEO OUT Connect one or the other Connection c must be assigned (see page 36) DVD/BD player 23 Connecting the AV Receiver--Continued Connecting a VCR or DVR for Playback Hint! With this hookup, you can use the tuner in your VCR or DVR to listen to your favorite TV programs via the AV receiver, which is useful if your TV has no audio outputs.



[You're reading an excerpt. Click here to read official ONKYO TX-SR307 user guide](http://yourpdfguides.com/dref/1252002)

<http://yourpdfguides.com/dref/1252002>

Step 1: Video Connection Choose a video connection that matches your VCR or DVR ( A or B ), and then make the connection. You must connect the AV receiver to your TV with the same type of connection. Step 2: Audio Connection Choose an audio connection that matches your VCR or DVR ( a , b , or c ), and then make the connection. · To enjoy Dolby Digital and DTS, use connection b or c . Connection A B a b c AV receiver COMPONENT VIDEO IN 2 (CBL/SAT) VCR/DVR IN V VCR/DVR IN L/R DIGITAL IN COAXIAL (DVD/BD) DIGITAL IN OPTICAL 1 (CBL/SAT) Signal flow VCR or DVR Component video output Composite video output Analog audio L/R output Digital coaxial output Digital optical output c A b B C a L OPTICAL OUT COAXIAL OUT VIDEO OUT AUDIO OUT R PR Y PB COMPONENT VIDEO OUT Connect one or the other These connection must be assigned (see page 36) VCR or DVR 24 Connecting the AV Receiver--Continued Connecting a VCR or DVR for Recording Step 1: Video Connection Make the video connection A . Step 2: Audio Connection Make the audio connection a . Connection A a AV receiver VCR/DVR OUT V VCR/DVR OUT L/R Signal flow VCR or DVR Composite video input Audio L/R input A C a L VIDEO IN AUDIO IN R VCR or DVR Notes: · The AV receiver must be turned on for recording. Recording is not possible while it's on Standby. · If you want to record directly from your TV or another video source without going through the AV receiver, connect the audio and video outputs from your TV or other video component directly to the recording VCR/DVR's audio and video inputs. See the manuals supplied with your TV or VCR/DVR for details.

· Video signals connected to composite video inputs can only be recorded via the VCR/DVR OUT V jack. So if your source TV or VCR is connected to a composite video input, the recording VCR/DVR must be connected to the VCR/DVR OUT V jack. 25 Connecting the AV Receiver--Continued Connecting a Satellite, Cable, Terrestrial Set-top box, or Other Video Source Hint! With this hookup, you can use your satellite or cable receiver to listen to your favorite TV programs via the AV receiver, which is useful if your TV has no audio outputs. Step 1: Video Connection Choose a video connection that matches the video source ( A or B ), and then make the connection. You must connect the AV receiver to your TV with the same type of connection.

Step 2: Audio Connection Choose an audio connection that matches the video source ( a , b , or c ), and then make the connection. · With connection a , you can listen to and record audio from the video source. · To enjoy Dolby Digital and DTS, use connection b or c . (To record as well, use a and b , or a and c .) Connection A B a b c AV receiver COMPONENT VIDEO IN 2 (CBL/SAT) CBL/SAT IN V CBL/SAT IN L/R DIGITAL IN COAXIAL (DVD/BD) DIGITAL IN OPTICAL 1 (CBL/SAT) Signal flow Video source Component video output Composite video output Analog audio L/R output Digital coaxial output Digital optical output c A b a B C L OPTICAL OUT COAXIAL OUT AUDIO OUT R VIDEO OUT Y PB PR COMPONENT VIDEO OUT Connect one or the other Connection b must be assigned (see page 36) Satellite, cable, set-top box, etc.

26 Connecting the AV Receiver--Continued Connecting a Camcorder, Game Console, or Other Device Step 1: Make the video connection A . Step 2: Make the audio connection a . a AUX INPUT L AUDIO R L AUDIO R OUT A AUX INPUT VIDEO Camcorder, game console, etc. VIDEO OUT Connection A a AV receiver AUX INPUT VIDEO AUX INPUT L-AUDIO-R Signal flow Camcorder or console Composite video output Analog audio L/R output Connecting a Portable Audio player Step 1: Make the audio connection a . Portable Audio Player AUX INPUT PORTABLE a AUDIO LINE OUT Connection a AV receiver AUX INPUT PORTABLE Signal flow Portable Audio Player Analog audio Line output Note: When it is connected at the same time as AUX INPUT AUDIO L/R terminal, the input of PORTABLE is given priority to and outputted. 27 Connecting the AV Receiver--Continued Connecting a CD Player or Turntable CD Player or Turntable (MM) with Built-in Phono Preamp Step 1: Choose a connection that matches your CD player ( a , b , or c ). Use connection a for a turntable with a built-in phono preamp. c b Connect one or the other Connection b must be assigned (see page 36) OPTICAL 2 (CD) IN L R L R CD AUDIO OUTPUT COAXIAL (DVD/BD) IN L R CD a a L R OPTICAL COAXIAL OUT OUT AUDIO OUT CD player Turntable (MM) with built-in phono preamp · With connection a , you can listen to and record audio from the CD player. · To connect the CD player digitally, use connection b or c . Connection a b c AV receiver CD IN L/R DIGITAL IN COAXIAL (DVD/BD) DIGITAL IN OPTICAL 2 (CD) Signal flow CD or turntable Analog audio L/R output Digital coaxial output Digital optical output Turntable (MM) with no Phono Preamp Built-in A phono preamp is necessary to connect a turntable that doesn't have a phono preamp built-in.

Turntable with an MC (Moving Coil) Cartridge An MC head amp and phono preamp are necessary to connect a turntable with an MC (Moving Coil) cartridge. IN L R CD AUDIO OUTPUT L Phono preamp L R IN AUDIO OUTPUT L AUDIO INPUT L R AUDIO OUTPUT L R R R CD AUDIO OUTPUT L R AUDIO INPUT L R Phono preamp MC head amp or MC transformer AUDIO OUTPUT L R AUDIO INPUT L R 28 Connecting the AV Receiver--Continued Connecting a Cassette, CDR, MiniDisc, or DAT Recorder Step 1: Choose a connection that matches your recorder ( a , b , or c ), and then make the connection. c OPTICAL L 2 (CD) R IN a b TV/TAPE COAXIAL a (DVD/BD) L R TV/TAPE Connect one or the other These connections must be assigned (see page 36) L OPTICAL OUT COAXIAL OUT AUDIO IN R L AUDIO OUT R Cassette, CDR, MD, etc. · With connection a , you can play and record. · To connect the recorder digitally for playback, use connections a and b , or a and c . Connection a b c AV receiver TV/TAPE IN L/R TV/TAPE OUT L/R DIGITAL IN COAXIAL (DVD/BD) DIGITAL IN OPTICAL 2 (CD) Signal flow Cassette, CDR, MD, or DAT recorder Analog audio L/R output Analog audio L/R input Digital coaxial output Digital optical output 29 Connecting the AV Receiver--Continued Connecting an RI Dock Not all iPod models output video. For information about which iPod models are supported by the RI Dock, see the RI Dock's instruction manual. If Your iPod Supports Video: Connect your RI Dock's audio output jacks to the AV receiver's CBL/SAT IN or VCR/DVR IN L/R jacks, and connect its video output jack to the AV receiver's CBL/SAT IN or VCR/DVR IN V jack. If Your iPod Doesn't Support Video: Connect your RI Dock's audio output jacks to the AV receiver's TV/TAPE IN L/R jacks.



[You're reading an excerpt. Click here to read official ONKYO TX-](#)

[SR307 user guide](#)

<http://yourpdfguides.com/dref/1252002>

IN L R TV/TAPE CBL/SAT V IN VCR/DVR V IN IN L R CBL/SAT L R IN VCR/DVR Connect one or the other Notes: · Enter the appropriate remote control code before using the AV receiver's remote controller for the first time (see page 63).

· Connect the RI Dock to the AV receiver with an cable (see page 31). · Set the RI Dock's RI MODE switch to "HDD" or "HDD/DOCK". · Set the AV receiver's Input Display to "DOCK" (see page 37). · See the RI Dock's instruction manual for more information. 30 Connecting the AV Receiver--Continued  
Connecting Onkyo Components Step 1: Make sure that each Onkyo component is connected to the AV receiver with an analog audio cable (RCA).  
Step 2: Make the necessary connections (see illustration below). Step 3: If you're using an MD, CDR, or RI DOCK component, change the Input Display (see page 37). With (Remote Interactive), you can use the following special functions: Auto Power On/Standby When you start playback on a component connected via , if the AV receiver is on Standby, it will automatically turn on and select that component as the input source. Similarly, when the AV receiver is set to Standby, all components connected via will also go on Standby. Direct Change When playback is started on a component connected via as the input source. , the AV receiver automatically selects that component Remote Control You can use the AV receiver's remote controller to control your other -capable Onkyo components. You must enter the appropriate remote control code first (see page 63). And remember to point the remote controller at the AV receiver and not the other component. Notes: · Use only cables for connections. cables are supplied with Onkyo players (DVD, CD, etc.). · Some components have two jacks. You can connect either one to the AV receiver. The other jack is for connecting additional -capable components. · Connect only Onkyo components to jacks.

Connecting other manufacturer's components may cause a malfunction. · Some components may not support all functions. Refer to the manuals supplied with your other Onkyo components. IN L R CD REMOTE CONTROL L R e.g., CD player R L ANALOG AUDIO OUT e.g., DVD player R L ANALOG AUDIO OUT Connecting the Power Cord Notes: · Before connecting the power cord, connect all your speakers and AV components. · Plug the end of the power cord into a suitable wall outlet. · Turning on the AV receiver may cause a momentary power surge that might interfere with other electrical equipment on the same circuit.

If this is a problem, plug the AV receiver into a different branch circuit. 31 Turning On the AV receiver ON/STANDBY STANDBY indicator ON/STANDBY RECEIVER Turning On and Standby AV receiver Remote controller On the AV receiver, press the [ON/STANDBY] button. On the remote controller, press the [RECEIVER] button, followed by the [ON/STANDBY] button. The AV receiver comes on, the display lights up, and the STANDBY indicator goes off. To turn the AV receiver off, press the [ON/STANDBY] button, or press the remote controller's [ON/STANDBY] button.

The AV receiver will enter Standby mode. To prevent any loud surprises the next time you turn on the AV receiver, turn down the volume before you turn it off. or Up and Running in a Few Easy Steps To get your system up and running with the minimum of fuss, here's a few pointers to help you configure the AV receiver before you use it for the very first time. These settings only need to be made once. Do the 2EQ Room Correction and Speaker Setup--this is essential! See "Audyssey 2EQTM Room Correction and Speaker Setup" on page 33.

Did you connect a component to component video input or digital audio input? If you did, see "Component Video Input Setup" on page 36, or "Digital Input Setup" on page 36 respectively. Did you connect an Onkyo MD recorder, CD recorder, or RI Dock? If you did, see "Changing the Input Display" on page 37. Y CBPB CRPR COAXIAL OPTICAL OUT IN TV/TAPE MD recorder, CD recorder, RI Dock 32 First Time Setup This section explains the settings that you need to make before using the AV receiver for the very first time. Audyssey 2EQ Room Correction and Speaker Setup With the supplied calibrated microphone, Audyssey 2EQ automatically determines the number of speakers connected, their size for purposes of bass management, optimum crossover frequencies to the subwoofer (if present), and distances from the primary listening position. Audyssey 2EQ then removes the distortion caused by room acoustics by capturing room acoustical problems over the listening area in both the frequency and time domain. The result is clear, wellbalanced sound for everyone. Enabling Audyssey 2EQ allows you to also use Audyssey Dynamic EQTM, which maintains the proper octave-to-octave balance at any volume level. (See page 58) Before using this function, connect and position all of your speakers. If Audyssey Dynamic EQ is set to "On", Audyssey Dynamic VolumeTM becomes available. About Audyssey Dynamic EQ Audyssey Dynamic EQ solves the problem of deteriorating sound quality as volume is decreased by taking into account human perception and room acoustics.

Dynamic EQ selects the correct frequency response and surround levels moment-by-moment at any user-selected volume setting. The result is bass response, tonal balance, and surround impression that remain constant despite changes in volume. Dynamic EQ combines information from incoming source levels with actual output sound levels in the room, a prerequisite for delivering a loudness correction solution. Audyssey Dynamic EQ works in tandem with Audyssey 2EQ to provide well-balanced sound for every listener at any volume level. About Audyssey Dynamic Volume Audyssey Dynamic Volume solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies. Dynamic Volume looks at the preferred volume setting by the user and then monitors how the volume of program material is being perceived by listeners in real time to decide whether an adjustment is needed. Whenever necessary, Dynamic Volume makes the necessary rapid or gradual adjustments to maintain the desired playback volume level while optimizing the dynamic range. Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the perceived bass response, tonal balance, surround impression, and dialog clarity remain the same whether watching movies, flipping between television channels, or changing from stereo to surround sound content. Measurement Positions To create a listening environment in which several people can enjoy your home theater simultaneously, Audyssey 2EQ takes measurements at three positions within the listening area.



[You're reading an excerpt. Click here to read official ONKYO TX-SR307 user guide](http://yourpdfguides.com/dref/1252002)  
<http://yourpdfguides.com/dref/1252002>

First measurement point Also referred to as the Main Listening Position this refers to the most central position where one would normally sit within the listening environment.

2EQ uses the measurements from this position to calculate speaker distance, level, polarity, and the optimum crossover value for the subwoofer. Second measurement point The right side of the listening area. Third measurement point The left side of the listening area. and and points The distances between points and must be at least 1 meter. From the examples below, choose the listening area that best matches yours and place the microphone accordingly when prompted.

TV : Listening area : Listening position 33 First Time Setup--Continued Using Audyssey 2EQTM Notes: · If the AV receiver is muted, it will be unmuted automatically when the Audyssey 2EQ Room Correction and Speaker Setup starts. · Room correction and speaker setup cannot be performed while a pair of headphones is connected. · It takes about 10 minutes to complete the room correction and speaker setup for three positions. Total measurement time varies depending on the number of speakers. · Do not connect or disconnect any speakers during room correction and speaker setup. ON/STANDBY Speaker setup microphone SETUP MIC Notes: · Before starting Audyssey 2EQ Room Correction and Speaker Setup, arrange the room and connect the speakers as you would for enjoying movies. Changes to the room after auto setup requires you run the auto setup again, as room EQ characteristics may have changed. · When starting the room correction and speaker setup, do not stand between the speakers and microphone, and avoid obstacles blocking the path between speakers and microphone. This will produce inaccurate results. · Position the microphone at ear height of a seated listener with the microphone tip pointed directly at the ceiling using a tripod. Do not hold the microphone in your hand during measurements as this will produce inaccurate results. · Make the room as quiet as possible. Background noise can disrupt the room measurements. Close windows, silence cell phones, televisions, radios, air conditioners, fluorescent lights, home appliances, light dimmers, or other devices. · Cell phones should be turned off or placed away from all audio electronics during the measurement process as Radio Frequency Interference (RFI) may cause measurement disruptions (even if the cell phone is not in use).

3 Press [ENTER]. The room calibration and speaker setup starts. ENTER 1 2 Turn on the AV receiver. Set the speaker setup microphone at the Main Listening Position (page 33), and connect it to the SETUP MIC jack. Audyssey indicator Test tones are played through each speaker as Audyssey 2EQ Room Correction and Speaker Setup runs. This process takes a few minutes. Please refrain from talking during measurements and do not stand between speakers and the microphone. Note: You can cancel the Room Correction and Speaker Setup at any point in this procedure simply by disconnecting the setup microphone. 4 When the following display appears, move the speaker setup microphone to (page 33), and measurement point then press [ENTER]. Audyssey 2EQ performs more measurements.

This takes a few minutes. 34 First Time Setup--Continued 5 When the following display appears, move the speaker setup microphone to (page 33), and measurement point then press [ENTER]. Mismatch Error This message appears if a speaker that was detected during the 1st measurement is not detected during the 2nd or 3rd measurements. If this message appears, check your speaker connections, and then try again. Audyssey 2EQTM performs more measurements.

This takes a few minutes. When the measurements are complete, the results are calculated and saved automatically. To Retry the Room Correction and Speaker Setup Press the [ENTER] button. Make sure speakers that cannot be detected are connected properly. 6 When the room correction and speaker setup is complete, disconnect the speaker setup microphone.

Changing the Speaker Settings Manually If you wish to make changes to the settings found during the room correction and speaker setup, follow the directions on pages 5456. Using a Powered Subwoofer Note: When the room correction and speaker setup is complete, "6. Equalizer" (page 56) will be set to "Audyssey." If you're using a powered subwoofer, as it outputs very low-frequency sound and its position is usually low down, it may not be detected by the Audyssey 2EQ Room Correction and Speaker Setup. In this case, increase the subwoofer's volume, select its highest crossover frequency, and then try running the Audyssey 2EQ Room Correction and Speaker Setup again. Note that if the volume is set too high and the sound distorts, it may not be detected, so use an appropriate volume level. If the subwoofer has a lowpass filter switch, set it to Off or Direct. Refer to your subwoofer's instruction manual for details. Error Messages While the room correction and speaker setup is in progress, one of the following error messages may appear: Ambient noise is too high This message appears if there's too much background noise and the measurements cannot be performed properly. Remove the source of the noise and try again.

Speaker Detect Errors This message appears if one of the speaker-related errors below occurs. · One of the front speakers has not been detected. · One of the surround speakers has not been detected. Write Error This message appears if saving fails. 35 First Time Setup--Continued Component Video Input Setup If

you connect to a COMPONENT VIDEO IN, you must assign it to an input selector. For example, if you connect your DVD/BD player to COMPONENT VIDEO IN 2, you should assign it to the DVD/BD input selector. Input selector DVD/BD VCR/DVR CBL/SAT AUX TV/TAPE CD Default assignment IN1 ---IN2 ----- Digital Input Setup To enjoy Dolby Digital and DTS, you must connect your DVD/BD player to the AV receiver by using a digital audio connection (coaxial or optical). Here are the default assignments. Input selector DVD/BD VCR/DVR CBL/SAT AUX TV/TAPE CD Default assignment COAX ---OPT1 -----OPT2 1 Press the [RECEIVER] button, followed by the [SETUP] button. With this function, you can assign digital inputs to input sources.

For example, if you connect your DVD/BD player to DIGITAL IN OPTICAL 1, you'll need to assign that input (OPT1) to the DVD input source. You can change the assignments as follows. 2 Use the Up and Down [ ] buttons to select "1.Component", and then press [ENTER]. ENTER SETUP RECEIVER 3 Use the Up and Down [ ] buttons to select an input selector, and use the Left and Right [ ] buttons to select: IN1: Select if the video component is connected to COMPONENT VIDEO IN 1.



[You're reading an excerpt. Click here to read official ONKYO TX-SR307 user guide](http://yourpdfguides.com/dref/1252002)

<http://yourpdfguides.com/dref/1252002>