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You can read the recommendations in the user guide, the technical guide or the installation guide for ONKYO TX-SR507. You'll find the answers to all your questions on the ONKYO TX-SR507 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-SR507](#)
- [User guide ONKYO TX-SR507](#)
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**AV Receiver**

***TX-SR507***  
***TX-SR577***


**Instruction Manual**

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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.



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**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. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Only use attachments/accessories specified by the manufacturer. Use only with the cart, stand, PORTABLE CART WARNING tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to S3125A avoid injury from tip-over. 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.



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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. · 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 Canadien 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 WIDE FRONT WIDE RIGHT SP-B/ZONE2 LEFT SP-B/ZONE2 LEFT SP-B/ZONE2 LEFT SP-B/ZONE2 RIGHT SURROUND LEFT SURROUND RIGHT CENTER SURROUND LEFT SURROUND RIGHT CENTER FRONT LEFT FRONT RIGHT FRONT RIGHT FRONT LEFT 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 Speaker Cable FRONT FRONT FRONT FRONT FRONT 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 WIDE HIGH 1 2 3 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.

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Connections · 4 HDMI\*4 Inputs and 1 Output (ver.1.3a to Support Deep Color, x.v. Color\*, Lip Sync, DTS-HD Master Audio, DTS-HD High Resolution Audio, Dolby TrueHD, Dolby Digital Plus, SA-CD and Multichannel PCM) · Onkyo for System Control · HDTV-Ready Component Video Switching (2 Inputs/1 Output) · Front "Portable" Input for iPod\* and MP3 Players · Universal Port for the Dock for iPod\* / HD Radio\*5 Dock (North American models) / DAB+ Dock (European models) · 4 Digital Inputs (2 Optical/2 Coaxial) · Powered Zone 2 · Color-Coded Banana Plug Speaker Posts\*6 · Surround Back and Subwoofer Pre Out (TX-SR507) / Subwoofer Pre Out (TX-SR577) · Bi-Amp Capability for Music and Movie Sound Effects (TX-SR577) \* \* Apple and iPod are trademarks of Apple Inc., registered in the U.S. and other countries. "x.v.

Color" is a trademark of Sony Corporation. Miscellaneous · 40 AM/FM Presets · Audyssey Dynamic EQ™\*7 for Loudness Correction · Audyssey 2EQ™\*7 to Correct Room Acoustic Problems · Audyssey Dynamic Volume™\*7 6 Multiroom Capability You can use two speaker systems with this AV receiver--a surround-sound speaker system (up to 7.1 channels) in your main listening room, a stereo speaker system in a second room, or Zone 2, as we call it. And, you can select a different audio source for each room. Main Room: In your main listening room, you can enjoy up to 7.

1-channel playback (see page 15). You can enjoy the various listening modes such as Dolby and DTS (pages 5965). (TX-SR507) \* While Powered Zone 2 is being used, playback is reduced to 2.1-channels (see page 80). (TX-SR577) \* While Powered Zone 2 is being used, playback is reduced to 5.

1-channels (see page 80). Zone 2: In your Zone 2 room, you can enjoy 2-channel stereo playback (see page 80). \* The listening modes cannot be used with Zone 2. Main Room Front high left and right speakers (TX-SR577) \* While Powered Zone 2 is being used, nothing is output by these speakers (page 81).

Front left and right speakers Surround back left and right speakers\*2 \*2 While Powered Zone 2 is being used, nothing is output by these speakers (page 81).

Subwoofer Center speaker\*1 Surround left and right speakers\*1 \*1 On the TX-SR507, while Powered Zone 2 is being used, nothing is output by these speakers (page 81). Zone 2 Room Left and right stereo speakers 7 Front & Rear Panels Front Panel North American/Taiwan models European models Other models The actual front panel has various logos printed on it. They are not shown here for clarity. 8 Front & Rear Panels--Continued The page numbers in parentheses show where you can find the main explanation for each item. ON/STANDBY button (36) Sets the AV receiver to On or Standby.

STANDBY indicator (36) Lights up when the AV receiver is on Standby and flashes while a signal is being received from the remote controller. ZONE 2 indicator (82) Flashes when Zone 2 is being set. Lights up when Zone 2 is on. ZONE 2 LEVEL/TONE LEVEL buttons ZONE 2 and OFF buttons (82) The [ZONE 2] button is used to select the input source for Zone 2. The [OFF] button is used to turn off the output of Zone 2. [ ] & [+] buttons (83) Used to adjust the tone (bass and treble) and the volume level of Zone 2. TONE button (47) Used to select either bass or treble. Remote-control sensor (14) Receives control signals from the remote controller. Display See "Display" on page 10. MOVIE/TV button (59) Selects the listening modes intended for use with movies and TV.

MUSIC button (59) Selects the listening modes intended for use with music. GAME button (59) Selects the listening modes intended for use with video games. DIMMER (RT/PTY/TP) button (46, 54) 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 53.

MEMORY button (52) Used when storing or deleting radio presets. TUNING MODE button (50) Selects the Auto or Manual tuning mode for AM and FM radio. DISPLAY button (47) 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 52).

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 (45) Sets the volume of the AV receiver to Min, 1 through 79, or Max. PHONES jack (47) This 1/4-inch phone jack is for connecting a standard pair of stereo headphones for private listening. MUSIC OPTIMIZER button (48) Turns the Music Optimizer on or off. PURE AUDIO button and indicator (59) On models other than the North American / Taiwan models, selects the Pure Audio listening mode. The indicator lights up when this mode is selected. Pressing this button again selects the previous listening mode. Input selector buttons (45) Select the following input sources: DVD/BD, VCR/DVR, CBL/SAT, AUX, TV/TAPE, TUNER, CD, PORT.

AUX INPUT (31, 58) Used to connect a camcorder, game console, and so on. There are input jacks for composite video and analog audio. PORTABLE (31): Used to connect a portable Audio Player. SETUP MIC (37) The Audyssey 2EQ™ Room Correction and Speaker Setup microphone connects here. 9 Front & Rear Panels--Continued Display For detailed information, see the pages in parentheses. SLEEP indicator (46) Lights up when the Sleep function has been set. MUTING indicator (46) Flashes while the AV receiver is muted. Listening mode and format indicators (59) Show the selected listening mode and audio input signal format.



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*Tuning indicators (50) FM STEREO (50): Lights up when tuned to a stereo FM station. RDS (53): Lights up when tuned to a radio station that supports RDS (Radio Data System).*

*AUTO (50): Lights up when Auto Tuning mode is selected for AM or FM radio. Goes off when Manual Tuning mode is selected. TUNED (50): Lights up when tuned to a radio station. Message area Displays various information. Audio input indicators Indicate the type of audio input that's selected as the audio source: PCM, MULTI CH, or HDMI.*

*Audyssey indicator (38, 70) Flashes during Audyssey 2EQTM Room Correction and Speaker Setup. Lights up when the "Equalizer Settings" is set to "Audyssey". 10 Front & Rear Panels--Continued Rear Panel TX-SR507 TX-SR577 DIGITAL IN COAXIAL 1 and 2 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 43.*

*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 43.*

*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 42. COMPONENT VIDEO OUT This RCA component video output is for connecting a TV or projector with a component video input. 11 Front & Rear Panels--Continued HDMI IN 14 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). They're assignable, which means you can assign each one to an input selector to suit your setup.*

*See "HDMI Input Setup" on page 41. 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. UNIVERSAL PORT (34) This jack is for connecting the component with the Universal Port connector such as UP-AI series Dock. FRONT L/R, CENTER, and SURR L/R SPEAKERS These terminal posts are for connecting the front speakers, center, and surround speakers. 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 jack for connecting the video signal, and there are analog audio input jacks for connecting the audio signal. 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 jack 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 jack for connecting the video signal. ZONE 2 LINE OUT L/R These analog audio outputs can be connected to the line inputs on amplifiers in Zone 2. PRE OUT: SURR BACK L/R (TX-SR507 only) This analog audio output can be connected to the analog audio input on another power amplifier. SUBWOOFER PRE OUT This analog audio output can be connected to a powered subwoofer.*

*SURR BACK L/R SPEAKERS (TX-SR577 only) These terminal posts are for connecting the surround back L/R speakers. The FRONT L/R and SURR BACK L/R terminal posts can be used with front speakers and surround back speakers, respectively, or used to bi-amp front Speakers. See "Bi-amping Front Speakers (TX-SR577 only)" on page 19. The SURR BACK L/R terminals can be used to connect the front high L/R speakers. See "Speaker Settings" on page 40. ZONE 2 SPEAKERS L/R These push terminals are for connecting speakers in Zone 2. FRONT HIGH L/R speakers (TX-SR577 only) These terminals are for connecting the front high L/R speakers. The FRONT HIGH L/R terminal can be used with front high speakers respectively, or used to connect the speakers in Zone 2. See "Connecting Zone 2" on page 80. See pages 1535 for hookup information.*

*12 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 84 for more details. SETUP button Used to change settings.*

*LISTENING MODE buttons (59) Used to select the listening modes. DIMMER button (46) Adjusts the display brightness. DISPLAY button (47) Displays information about the current input source. 3 TUNER MUTING button (46) Mutes or unmutes the AV receiver. VOL [ ]/[ ] button (45) 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.*

*\* RECEIVER 4 1 AUDIO button (78) Used to change audio settings. When the "AudioTVOut" setting is set to "On" (page 76), this button is disabled. SLEEP button (46) Used with the Sleep function. Controlling the tuner To control the AV receiver's tuner, press the [TUNER] (or [RECEIVER]) button. You can select AM or FM by pressing the [TUNER] button repeatedly.*

*5 2 1 Arrow [ ]/[ ] buttons Used to tune into radio stations. 2 D.TUN button (51) Selects the Direct tuning mode. 3 DISPLAY button (51) Displays information about the band, frequency, preset number, and so on. 4 CH +/- button (52) Selects radio presets.*

*5 Number buttons (51) For detailed information, see the pages in parentheses. ON/STANDBY button (36) Sets the AV receiver to On or Standby. REMOTE MODE/INPUT SELECTOR buttons (45, 56, 8692) Selects the remote controller modes and the input sources. Arrow [ ]/[ ]/[ ]/[ ] and ENTER buttons Used to select and adjust settings. Used to select radio stations directly in the Direct tuning mode. Also you can select a preset directly. \* To control component, you must first enter remote control code.*



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For details on entering a remote control code for a different component, see page 84. Note: An Onkyo cassette recorder connected via can also be controlled in Receiver mode (see page 92). 13 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: · 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. 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. · When the remote control codes have been registered and you want to operate another component (page 84), or when you want to operate an Onkyo component without connection, point the remote controller at the other component to use it. · When you want to operate an Onkyo component with connection or an -compatible component connected via HDMI (page 86), point the remote controller at the AV receiver's remote control sensor. 14 About Home Theater Enjoying Home Theater Thanks to the AV receiver's superb capabilities, you can enjoy surround sound with a real sense of movement in your own home--just like being in a movie theater or concert hall. You can enjoy DVDs featuring Dolby Digital or DTS.

With analog or digital TV, you can enjoy Dolby Pro Logic IIx, DTS Neo:6, or Onkyo's original DSP listening modes. 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 equidistant from the TV. Angle them inward so as to create a triangle, with the listener at the apex. Front high left and right speakers (TX-SR577) These speakers are necessary to enjoy Dolby PLIIz Height, etc. They enhance significantly the spatial experience. Position them at least 3.3 feet (100 cm) above the front left and right speakers (and as high as possible). Although it is acceptable to place left and right at an angle slightly wider than the front left and right speakers.

Ideally they should be positioned directly above the front left and right speakers. Center speaker This speaker enhances the front left and right speakers, making sound movements distinct and providing a full sound image. In 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. Surround back left and right speakers These speakers are necessary to enjoy Dolby Digital EX, DTS-ES Matrix, DTS-ES Discrete, etc. They enhance the realism of surround sound and improve sound localization behind the listener. Position them behind the listener about 23 feet (60100 cm) above ear level. Subwoofer The subwoofer handles the bass sounds of the LFE (Low-Frequency Effects) channel. The volume and quality of the bass output from your subwoofer will depend on its position, the shape of your listening room, and your listening position. In general, a good bass sound can be obtained by installing the subwoofer in a front corner, or at onethird the width of 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. 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 (60100 cm) above ear level. Ideally they should be equidistant from the listener. Corner position 1/3 of wall position 15 Connecting the AV receiver Connecting Your Speakers Speaker Configuration For 7.

1-channel surround-sound playback, you need seven 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 Surround back\*1 Surround back left Surround back right Front high left\*2 Front high right \*2 For North American model · If you are using banana plugs, tighten the speaker terminal before inserting the banana plug. Using Dipole Speakers You can use dipole speakers for the surround left and right, surround back left and right and front high left and right speakers. Dipole speakers output the same sound in two directions.

Dipole speakers typically have an arrow printed on them to indicate how they should be positioned. The surround left and right dipole speakers should be positioned so that their arrows point toward the TV/screen, while the surround back left and right and front high left and right\*1 dipole speakers should be positioned so that their arrows point toward each other, as shown. Dipole speakers Normal speakers 9 1 4 2 TV/screen 2 3 4 5 6 7 7 8 9 9 TV/screen 10 10 1 4 2 3 3 \*1 If you're using only one surround back speaker, connect it to the SURR BACK L terminals. \*2 (TX-SR577) 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 37) or manually (see page 66). Note: Front high and surround back speakers produce no sound at the same time. 5 6 5 6 7 8 7 8 Attaching the Speaker Labels The AV receiver's positive (+) speaker terminals are all red.



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(The negative (-) speaker terminals are all black.) Speaker Front left, Zone 2 left Front right, Zone 2 right Center Surround left Surround right Surround back left Surround back right Front high left\*1 Front high right\*1 \*1 (TX-SR577) 1.

2. 3. 4. 5. 6. Subwoofer Front left speaker Center speaker Front right speaker Surround left speaker Surround right speaker Color White Red Green Blue Gray Brown Tan White Red 7. Surround back left speaker 8. Surround back right speaker 9. Front high left speaker\*1 10. Front high right speaker\*1 \*1 (TX-SR577) 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 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. LINE INPUT LINE INPUT 16 Connecting the AV receiver--Continued Speaker Connection Precautions Read the following before connecting your speakers: · North American and Taiwan models: You can connect speakers with an impedance of between 6 and 16 ohms. 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 amp protection circuit may be activated.

· Other models: You can connect speakers with an impedance of between 4 and 16 ohms. If the impedance of any of the connected speakers is 4 ohms or more, but less than 6 ohms, be sure to set the minimum speaker impedance to "4 ohms" (see page 40). 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 amp 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. · 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. Connecting the Speaker Cables Terminal posts 1 Strip 1/2"-5/8" (1215 mm) of insulation from the ends of the speaker cables, and twist the bare wires tightly, as shown.

Unscrew the terminal. 1/2"-5/8" (12-15mm) 2 3 Fully insert the bare wire. 4 Screw the terminal tight. Push terminals 1 Strip 3/8"-1/2" (10-12 mm) of insulation from the ends of the speaker cables, and twist the bare wires tightly, as shown. 3/8"-1/2" (10-12mm) 2 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. 17 Connecting the AV receiver--Continued TX-SR507 The following illustration shows which speaker should be connected to each pair of terminals for 7.1-channel playback. If you're using only one surround back speaker, connect it to the SURR BACK L terminals. Surround left Surround right speaker speaker L R AUDIO INPUT Surround back right speaker Surround back left speaker Power amplifier Front right speaker Front left speaker Center speaker Connect your Power amplifier's analog audio output jacks to the AV receiver's PRE OUT: SURR BACK L/R jacks with an audio cable.

TX-SR577 The following illustration shows which speaker should be connected to each pair of terminals for up to 7.1-channel playback. If you're using only one surround back speaker, connect it to the SURR BACK L terminals. Surround back left speaker Surround back right speaker Surround left speaker Surround right speaker Front high Front high left speaker right speaker Front left speaker Front right speaker Center speaker Note: The speakers are configured by using the "Speaker Settings" on page 40 and "Speaker Setup" on page 66. 18 Connecting the AV receiver--Continued Bi-amping Front Speakers (TX-SR577 only) The FRONT L/R and SURR BACK L/R terminal posts can be used with front speakers and surround back speakers respectively, or bi-amped to provide separate tweeter and woofer feeds for front speakers, providing improved bass and treble performance.

· When bi-amping is used, the AV receiver is able to drive up to 5.1 speakers in the main room. · For bi-amping, the FRONT L/R terminal posts connect to the front speakers' woofer terminals. And the SURR BACK L/R terminal posts connect to the front speakers' tweeter terminals. · Once you've completed the bi-amping connections shown below and turned on the AV receiver, you must set the "Sp Type" setting to "Bi-Amp" to enable biamping (see page 40).

Important: · When making the bi-amping connections, be sure to remove the jumper bars that link the speakers' tweeter (high) and woofer (low) terminals. · Bi-amping can only be used with speakers that support bi-amping. Refer to your speaker manual. Bi-amping Speaker Hookup 1 Connect the AV receiver's FRONT R positive (+) terminal to the right speaker's positive (+) woofer (low) terminal. And connect the AV receiver's FRONT R negative (-) terminal to the right speaker's negative (-) woofer (low) terminal. Connect the AV receiver's SURR BACK R positive (+) terminal to the right speaker's positive (+) tweeter (high) terminal. And connect the AV receiver's SURR BACK R negative (-) terminal to the right speaker's negative (-) tweeter (high) terminal. Connect the AV receiver's FRONT L positive (+) terminal to the left speaker's positive (+) woofer (low) terminal. And connect the AV receiver's FRONT L negative (-) terminal to the left speaker's negative (-) woofer (low) terminal. Connect the AV receiver's SURR BACK L positive (+) terminal to the left speaker's positive (+) tweeter (high) terminal.

And connect the AV receiver's SURR BACK L negative (-) terminal to the left speaker's negative (-) tweeter (high) terminal. 2 3 4 FRONT SPEAKERS L L Left speaker Tweeter (high) Woofer (low) R R Right speaker Tweeter (high) Woofer (low) 19 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.



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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 21). 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 /Taiwan models 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. 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 21). Thumbtacks, etc. Caution: Be careful that you don't injure yourself when using thumbtacks.

20 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) 21 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 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.) Composite video is commonly used on TVs, VCRs, and other video equipment. CR/PR Composite video cable Audio Optical digital audio cable Coaxial digital audio cable V 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 Analog audio cable (RCA) Stereo mini plug cable L R Note: The AV receiver does not support SCART connections. 22 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. DVD player, etc. Speakers (see page 18 for hookup details) 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. 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.



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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 Signal Flow Chart 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 HDMI, OPTICAL, or COAXIAL input, you must assign that input to an input selector (see pages 41 and 43). DVD player, etc. HDMI Optical Coaxial Analog AV receiver HDMI Analog TV, projector, etc. 23 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 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: Repeater System, Deep Color, x.v. Color, Lip Sync, DTS-HD Master Audio, DTS-HD High Resolution Audio, Dolby TrueHD, Dolby Digital Plus, SA-CD and Multichannel PCM Supported Audio Formats · 2-channel linear PCM (16/20/24 bit/32192kHz) · Multichannel linear PCM (7.

1 ch, 32192kHz) · Bitstream (DSD, Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS, DTS-HD High Resolution Audio, DTS-HD Master Audio) Your DVD player must be able to output these formats from its HDMI OUT. 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. Onkyo for System Control, which stands for Remote Interactive over HDMI, is the name of the system control function found on Onkyo components. The AV receiver can be used with CEC (Consumer Electronics Control), which allows system control over HDMI and is part of the HDMI standard. CEC provides interoperability between various components, however, operation with components other than -compatible components cannot be guaranteed. · Set "HDMI Ctrl (RIHD)" to "On" (page 77). · See "Controlling a TV" (page 86) and "Controlling a DVD Player, or DVD Recorder" (page 87) for operation. Note: Do not connect the -compatible component more than the following number to the HDMI input terminal so that the linked operations work properly.

· DVD/BD player is up to three. · DVD/BD recorder is up to three. · Cable/Satellite Set-top box is up to four. Do not connect the AV receiver to the other AV receiver /AV amplifier via HDMI. When the -compatible component more than the above-mentioned is connected, the linked operations are not guaranteed.

\*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. 24 Connecting the AV receiver--Continued Making HDMI Connections Step 1: Use HDMI cables to connect the AV receiver's HDMI jacks to your HDMI-compatible DVD/BD player, TV, projector, and so on.

Step 2: Assign each HDMI IN to an input selector in the HDMI Input Setup (see page 41). Video Signals Digital video signals received by the HDMI IN jacks are normally output by the HDMI OUT for display on your TV. Audio Signals Digital audio signals received by the HDMI IN jacks are output by the speakers and headphones connected to the AV receiver. Normally, they are not output by the HDMI OUT, unless the "AudioTVOut" setting is set to "On" (see page 76).

Hint! To listen to audio received by the HDMI IN jacks through your TV's speakers, set the "AudioTVOut" setting to "On" (see page 76), and set your DVD player's HDMI audio output setting to PCM.

HDMI OUT HDMI IN TV DVD/BD player HDMI ASSIGNABLE 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).

If the TV power is off or the TV is set to another input source, this may result in no sound from the AV receiver or the sound may be cut off. · When the "AudioTVOut" setting is set to "On" (see page 76), or "TV Ctrl" is set to "On" (see page 77) and you're listening through your TV's speakers, if you turn up the AV receiver volume control, the sound will be output by the AV receiver's speakers. To stop the AV receiver's speakers producing sound, change the settings, change your TV's settings, or turn down the AV receiver's volume. · 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. 25 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.



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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 or listen in Zone 2.

· To enjoy Dolby Digital and DTS, use connection b or c . (To record or listen in Zone 2 as well, use a and b , or a and c .) Connection A B a b c AV receiver COMPONENT VIDEO OUT MONITOR OUT V TV/TAPE IN L/R DIGITAL IN COAXIAL 2 (CBL/SAT) DIGITAL IN OPTICAL 1 (TV/TAPE) Signal flow TV Component video input Composite video input Analog audio L/R output Digital coaxial output Digital optical output c B C b A a L OPTICAL OUT COAXIAL OUT Y PB PR COMPONENT VIDEO IN AUDIO OUT R VIDEO IN Connect one or the other Connection b must be assigned (see page 43) 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 28 and 30). 26 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 or listen in Zone 2. · To enjoy Dolby Digital and DTS, use connection b or c . (To record or listen in Zone 2 as well, use a and b , or a and c .

) · If your DVD 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 1 (DVD/BD) DIGITAL IN OPTICAL 1 (TV/TAPE) Signal flow DVD/BD player Component video output Composite video output Analog audio L/R output Digital coaxial output Digital optical output c B C A a L OPTICAL OUT COAXIAL OUT Y PB PR COMPONENT VIDEO OUT AUDIO OUT R VIDEO OUT Connect one or the other Connection c must be assigned (see page 43) DVD/BD player 27 Connecting the AV receiver--Continued Connecting a VCR or DVR for Playback Hint! With this hookup, you can use your VCR's tuner to listen to your favorite TV programs via the AV receiver, useful if your TV has no audio outputs. 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.

· With connection a , you can listen to the VCR or DVR even in Zone 2. · To enjoy Dolby Digital and DTS, use connection b or c . (To listen in Zone 2 as well, use a and b , or a and 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 2 (CBL/SAT) DIGITAL IN OPTICAL 1 (TV/TAPE) Signal flow VCR or DVR Component video output Composite video output Analog audio L/R output Digital coaxial output Digital optical output c B C b A a L OPTICAL OUT COAXIAL OUT Y PB PR COMPONENT VIDEO OUT AUDIO OUT R VIDEO OUT Connect one or the other Connection must be assigned (see page 43) VCR, DVR 28 Connecting the AV receiver--Continued Connecting a VCR or DVR for Recording Step 1: Video Connection Make the video connection A . The video source to be recorded must be connected to the AV receiver via the same type of connection.

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 a L AUDIO IN R VIDEO IN VCR, 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 composite video outputs. If your TV/VCR is connected to a composite video input, the recording VCR must be connected to a composite video output. 29 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 or listen in Zone 2. · To enjoy Dolby Digital and DTS, use connection b or c . (To record or listen in Zone 2 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 2 (CBL/SAT) DIGITAL IN OPTICAL 1 (TV/TAPE) Signal flow Video source Component video output Composite video output Analog audio L/R output Digital coaxial output Digital optical output c B C b A a L OPTICAL OUT COAXIAL OUT Y PB PR COMPONENT VIDEO OUT AUDIO OUT R VIDEO OUT Connect one or the other Connection c must be assigned (see page 43) Satellite, cable, set-top box, etc. 30 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.

31 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 ).



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