



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for DENON AVR-1910. You'll find the answers to all your questions on the DENON AVR-1910 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual DENON AVR-1910**  
**User guide DENON AVR-1910**  
**Operating instructions DENON AVR-1910**  
**Instructions for use DENON AVR-1910**  
**Instruction manual DENON AVR-1910**

## DENON

AV SURROUND RECEIVER

### AVR-1910

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Owner's Manual

Manuel de l'Utilisateur

※ The illustrations used for explaining operations in this manual show the buttons of the remote control unit.  
The same operations can be performed using the buttons with the same names on the main unit panel.

※ Les illustrations des boutons présentes dans ce manuel servent à expliquer le fonctionnement de la télécommande.  
Vous pouvez contrôler l'appareil à l'aide du bouton portant le même nom sur la façade de l'appareil.



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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. 1. 2. 3. 4. 5. 6. 7.

8. 9. 10. **WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.** 11.

12. **CAUTION:** 13. 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. @@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.

@@When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over. Unplug this apparatus during lightning storms or when unused for long periods of time. **IMPOTANT SAFETY INSTRUCTIONS** · The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc. · No naked flame sources, such as lighted candles, should be placed on the unit. · Observe and follow local regulations regarding battery disposal. · Do not expose the unit to dripping or splashing fluids. · Do not place objects filled with liquids, such as vases, on the unit. · La ventilation ne doit pas être gênée en recouvrant les ouvertures de la ventilation avec des objets tels que journaux, rideaux, tissus, etc. · Aucune flamme nue, par exemple une bougie, ne doit être placée sur l'appareil. · Veillez à respecter les lois en vigueur lorsque vous jetez les piles usagées.

· L'appareil ne doit pas être exposé à l'eau ou à l'humidité. · Ne pas poser d'objet contenant du liquide, par exemple un vase, sur l'appareil. **CAUTION: ATTENTION: CAUTION: HOT SURFACE. DO NOT TOUCH.** The top surface over the internal heat sink may become hot when operating this product continuously.

**PRECAUTION: SURFACE CHAUDE. NE PAS TOUCHER.** La surface supérieure du dissipateur de chaleur peut devenir chaude si vous utilisez ce produit en continu. 14. Refer all servicing to qualified service personnel.

Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. 15. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like. To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet. The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user. **PRECAUTION:** Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale. La prise secteur est utilisée pour couper complètement l'alimentation de l'appareil et l'utilisateur doit pouvoir y accéder facilement. I FRANCAIS ENGLISH FCC INFORMATION (For US customers) 1. **PRODUCT**

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

2. **IMPORTANT NOTICE: DO NOT MODIFY THIS PRODUCT** This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modification not expressly approved by DENON may void your authority, granted by the FCC, to use the product. 3. **NOTE** This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product into an outlet on a circuit different from that to which the receiver is connected. · Consult the local retailer authorized to distribute this type of product or an experienced radio/TV technician for help. This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. n **NOTE ON USE / OBSERVATIONS RELATIVES A L'UTILISATION** · Keep the unit free from moisture, water, and dust.

· Protéger l'appareil contre l'humidité, l'eau et la poussière. · Eviter high temperatures. Allow for sufficient heat dispersion when installed in a rack. · Eviter des températures élevées. Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère.

· Do not let foreign objects into the unit. · Ne pas laisser des objets étrangers dans l'appareil. · Do not let insecticides, benzene, and thinner come in contact with the unit. · Unplug the power cord when not using the · Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil. unit for long periods of time. · Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes. · Handle the power cord carefully.

Hold the plug when unplugging the cord. · Manipuler le cordon d'alimentation avec précaution.



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Tenir la prise lors du débranchement du cordon.

\* (For apparatuses with ventilation holes) · Never disassemble or modify the unit in any way. · Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre. · Do not obstruct the ventilation holes. · Ne pas obstruer les trous d'aération. II ENGLISH n Contents Getting Started Flow of operations through playback .....2 Accessories .....2 Cautions on Handling  
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through playback Perform the operations leading to playback on the AVR-1910 in the order shown below.



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Thank you for purchasing this DENON product. To ensure proper operation, please read this owner's manual carefully before using the product. After reading them, be sure to keep them for future reference. Getting Started Connections Installing/Setting the Speakers (page 10) Accessories Check that the following parts are supplied with the product. Settings Connecting the Speakers (page 11) Connecting Devices (page 12) Turning the Power On (page 17) Owner's manual .

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. 1 eWarranty (for North America model only) .....

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... 1 rService station list .....

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1 tRemote control (RC-1117) .....

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.. 2 uFM indoor antenna ...

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AUX INPUT connectors ..... (16) W0 SETUP MIC jack ..... (21) W1 AUDYSSEY DYNAMIC VOLUME indicator ..... (47) Information W2 AUDIO indicator ..... (43) HD W3 MASTER VOLUME indicator W4 Display W5 Remote control sensor ..... (3) W6 TUNING PRESET button ..... (41) W7 SOURCE MODE SELECT button ..... (38) W8 FRONT SPEAKERS SELECT button ..... (42) W9 DIMMER button ..... (31) E0 STATUS button ..... (48)

Troubleshooting ii Q2 Q2 ww Q3 Q3 Q4 Q4 Q5 Q5 Specifications ee rr tt ,Q0 ,Q0 oo Q0 Q0 yy ENGLISH Part Names and Functions Getting Started Connections Settings Playback Multi-Zone Remote Control Information Troubleshooting Specifications Display Q5 Q4 Q3 Q2 Q1 Q0 oi u q w e Q0 AUDYSSEY indicator r t y q Decoder indicators The indicator for the currently operating decoder lights. These light as shown below in the different modes (vpage 46). w Input audio signal indicators e Information display The input source name, surround mode, setting values and other information are displayed here. : During "MultEQ" operation : During "MultEQ", "Dynamic EQ" operation r Front speaker indicator These light according to the settings of the front A and B speakers (vpage 42). : During "MultEQ", "Dynamic EQ", "Dynamic Volume" operation t QUICK SELECT indicators These light when the Quick Select function is set (vpage 50). bWhen speaker settings are changed after the y ZONE2 indicator Lights when signals are being output to the ZONE2 (vpage 51). Audyssey Auto Setup procedure, either the indicators' frame turns off or all the indicators turn off. Q1 Input mode indicators Q2 S.BACK indicator Lights when audio signals are being output from the surround back speakers (vpage 26). u Master volume indicator When performing setting operations, displays the menu number.

Q3 RESTORER indicator Lights during "RESTORER" operation (vpage 48). i SLEEP TIMER indicator Lights when the sleep timer is operating (vpage 49). Q4 HDMI indicator Lights when HDMI input signals are detected (vpage 13). Q5 Tuner reception mode indicators This lights according to the reception conditions when the input source is set to "TUNER". · AUTO This lights when in the auto tuning mode.

· STEREO In the FM mode, this lights when receiving analog stereo broadcasts. · TUNED This lights when the broadcast is properly tuned in. o MUTE indicator Lights when the muting mode is set (vpage 42). ENGLISH Part Names and Functions Getting Started Rear Panel Q6 Q5 Q4 Q3 Q2 Q1 Q0 Connections Settings Playback Multi-Zone Remote Control Information Troubleshooting q w e r t y u i o u Analog audio connectors ..... (14) i FM/AM antenna terminals ..... (17) o Speaker terminals ..... (11) Q0 Power cord ..... (17) Q1 AC OUTLET ..... (17) Q2 EXT.



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IN connectors .....	(16)	Q3 ZONE2 connectors .....	(51)	Q4 COMPONENT VIDEO connectors .....	(14)	Q5 Control Dock for iPod S-Video input terminal .....	(14)	q HDMI connectors .....	(13)	w Digital audio connectors .....	(14)	e VIDEO connectors .....	(15)	r PRE OUT connector .....	(11)	t SIRIUS connector .....	(16)	y REMOTE CONTROL jacks Connect a device that supports the remote control function.
Input Specifications ZONE2 Q6 Control Dock for iPod DOCK CONTROL jack .....																		
(14) Infrared retransmitter Infrared sensor Extension jack for future use. (Connect devices corresponding with room to room function to this jack.) ENGLISH Part Names and Functions Getting Started Connections Settings Playback Multi-Zone Remote Control Information Troubleshooting Specifications Remote Control Unit Front q w e r t Q6 W0 Rear q Remote control signal transmitter w Indicator .....																		
(52) e Power buttons .....																		
(17) r QUICK SELECT buttons .....																		
(50) t SOURCE SELECT button .....																		
(38) y System buttons .....																		
(52) u MENU button .....																		
(18) i Cursor buttons (uio p) .....																		
(18) o SEARCH button .....																		
(39) Q0 DEVICE SELECT switches.....																		
(38, 52) Q1 Master volume control buttons .....																		
(38) Q2 MUTING button.....																		
(42) Q3 Channel level adjustment button .....																		
(50) Q4 RETURN button .....																		
(18) Q5 ENTER button .....																		
(18) Q6 ZONE2 power button .....																		
(51) Q7 Tuner operation buttons .....																		
(40) Q8 MULTEQ button .....																		
(46) Q9 Number buttons (0 ~ 9, +10).....																		
(52) W0 MAIN ZONE power buttons .....																		
(17) W1 INPUT MODE button.....																		
(34) W2 SLEEP TIMER button .....																		
(49) W3 VIDEO SELECT button .....																		
(34) W4 RESTORER button.....																		
(48) W5 FRONT HEIGHT SPEAKER ON/OFF button .....																		
(46) W6 Surround mode buttons .....																		
(42) W7 DYNAMIC VOLUME button.....																		
(47) W8 DYNAMIC EQ button .....																		
(47) Operations control possible by remote n Operations on the AVR-1910 n Operations on six devices other than the AVR-1910 · Preset the remote control codes of the devices to be operated (vpage 52).																		



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· Switch two device selector switches according to the devices to be operated. Position of switches Operable devices t W1 W2 W3 W4 Q1 Q7 Q2 u i o t Q0 Q4 Q5 Q9 Q3 Q8 W5 W6 W7 W8 y AVR-1910 (MAIN ZONE) iPod AVR-1910 (ZONE2) TV Blu-ray disc player or DVD Player DVD recorder or Video deck Satellite receiver or Cable TV CD player For buttons not explained here, see the page indicated in parentheses ( ). NOTE Buttons on the back panel may operate when the back lid is pressed. n ZONE2 operations (vpage 51) n Punch through setting (vpage 54) ENGLISH Connections n Connection Flow Installing/Setting the Speakers (vpage 10) Getting Started Important Information Connections for all compatible audio and video signal formats are described in this owner's manual. Please select the types of connections suited for the equipment you are connecting. After connections are completed, certain settings must be made on the receiver. Make the settings indicated" Set as necessary " for the individual items.

Connections Cables Used for Connections Select the cables according to the equipment being connected. Connecting the Speakers (vpage 11) Audio and video cables HDMI connections HDMI cable Settings NOTE Connecting Devices (vpage 12) · Do not plug in the power cord until all connections have been completed. · When making connections, also refer to the operating instructions of the other components. · Be sure to connect the left and right channels properly (left with left, right with right). · Do not bundle power cords together with connection cables. Doing so can result in humming or noise. Playback Audio cables Coaxial digital connections Optical digital connections Analog connections (White) (Red) L R Coaxial digital cable Multi-Zone Connecting Devices not Equipped with HDMI terminals (vpage 13) Optical cable L R Remote Control n HDMI (vpage 12) n Monitor (TV) (vpage 13) n Playback Components Stereo pin-plug cable · Blu-ray Disc player / DVD player (vpage 14) · iPod® (vpage 14) · CD Player (vpage 14) Analog connections (monaural, for subwoofer) Speaker connections Information Pin-plug cable n Recording Components · DVD Recorder (vpage 15) · Video Cassette Recorder (vpage 15) Troubleshooting Speaker cables n SAT/CABLE Tuner (vpage 15) n Other Devices Video cables Component video connections (Green) (Blue) (Red) Component video cable · Video Camera / Game Console (vpage 16) · Component with Multi-channel Output connectors (vpage 16) · SIRIUS Connector (vpage 16) · Antenna terminals (vpage 17) Specifications S-Video connections S-Video cable n Power Cord Video connections (Yellow) 75 ohms pin-plug video cable Turning the Power On (vpage 17) ENGLISH Important Information Getting Started Connections Settings Playback Multi-Zone Remote Control Information Troubleshooting Specifications Converting Input video signals for Output (Video Conversion Function) The AVR-1910 is equipped with four types of video input terminals (HDMI, Component video, S-Video and video) and three types of video output terminals (HDMI, Component video and video). Use the terminals according to the devices to be connected. This function automatically converts various formats of video signals input to the AVR-1910 into the format used to output the video signals from the AVR-1910 to a monitor. AVR-1910 Video devices Monitor (TV) How the on-screen display is displayed depending on the video input signal The way the on-screen display of the menus, status, etc.

is displayed differs according to the type of video signal input to the AVR-1910. When video signals are input from the HDMI or component video terminals Menu: Switches to a screen with a black background and the menu is superimposed. (b1) · Status display: Not displayed. b1: If you want to display the menus superimposed on the picture being played, input the same video signals to the S-Video or video terminals. When a menu is displayed, the picture switches to the one being input from the S-Video or video terminals and the menu is displayed superimposed over this picture.

Output Input (IN) HDMI connector Output (MONITOR OUT) HDMI connector Component video connectors Input NOTE Menus and status display screens are not displayed for component video terminal pictures. To display them, also connect the video terminals. HDMI connector HDMI connector When video signals are being input from the S-Video or video terminals · Menu: Menus are displayed superimposed over the picture being played. · Status display: Displayed. Component video connectors Component video connectors Component video connectors n Examples of on-screen display S-Video connector S-Video connector Video connector Video connector Video connector · Menu screen · Status display screen When the input source is switched When the volume is adjusted Video connector MENU 1.

Parameter 2.Information 3.Auto Setup 4.Manual Setup 5.Input Setup [Auto] IN :DVD MODE:STEREO · The video conversion function supports the NTSC, PAL, SECAM, NTSC 4.43, PAL PAL and PAL -N, -M -60 formats. · The resolution of the video signal input to the AVR-1910's HDMI terminal is the resolution set at "Resolution" (vpage 34). (1080p HDMI signals and 1080p component signals are output at 1080p, regardless of the setting.) · Resolutions of HDMI-compatible TVs can be checked at "HDMI Monitor Information" (vpage 48). [ENT]:Select Master Volume -80.

0dB Status display: The operating status is displayed temporarily on the screen when the input source is switched or the volume is adjusted. NOTE · The S-Video input terminal is exclusively for use with a Control Dock for iPod. It can be used when the Control Dock for iPod is connected to the terminal assigned to the iPod input source. · HDMI signals cannot be converted into analog signals. · When a non-standard video signal from a game machine or some other source is input, the video conversion function might not operate. ENGLISH Installing/Setting the Speakers · The AVR-1910 is compatible with various types of surround playback. · Decide on the surround modes to be played on the AVR-1910 before making connections and settings. Getting Started n When 7.1ch (Surround Back Speaker) Connected Front speakers Center speaker Monitor Subwoofer n When 5.1ch Connected Front speakers Center speaker Monitor Subwoofer z1 z2 z1: 22 ~ 30° z2: 90° z3: 110° z3 z4: 30° z5: 45° z1: 22 ~ 30° z2: 120° Connections z1 a Determine the Speaker Layout. Below we introduce examples of speaker layouts. Refer to these to arrange your speakers according to their type and how you want to use them.



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z4 z5 z 2 Surround speakers Surround back speakers GAs seen from aboveH Surround Surround back speaker speaker Front speaker 2 to 3 feet / 60 to 90 cm Point slightly downwards Front speaker Surround speaker 2 to 3 feet / 60 to 90 cm Settings Playback Installing All the Speakers Front Height speakers Surround speakers GAs seen from aboveH GAs seen from the sideH Multi-Zone Front speakers Subwoofer Center speaker n When 6.1ch Connected Front speakers Center speaker Monitor Subwoofer n When 7.1ch (Front Height Speaker) Connected z1: 22 ~ 30° z2: 90° z3: 110° Front height speakers Front speakers Center speaker Subwoofer Surround Surround back speaker speaker Front speaker 2 to 3 feet / 60 to 90 cm Point slightly downwards z2 z1 4 Remote Control z1: 30° z2: 45° z3: 90° z4: 110° z1 z z 2 3 Monitor z 3 Point slightly downwards Front height speaker Front speaker Surround speaker 2 to 3 feet / 60 to 90 cm Information Surround speaker Surround back speakers Surround speaker Surround speakers Surround back speaker GAs seen from aboveH z Troubleshooting NOTE It is not possible to use the front height speakers and surround back speakers simultaneously. GAs seen from the sideH Surround speakers GAs seen from aboveH GAs seen from the sideH Specifications 0 ENGLISH Installing/Setting the Speakers Connecting the Speakers Subwoofer with builtin amplifier Front speakers A Front speakers B Center speaker Surround speakers Getting Started Connections Settings Playback Multi-Zone Remote Control Information Troubleshooting Specifications s Set the "Amp Assign" Mode According to the Speaker Layout. The signals output from the AVR-1910's SURR. BACK/AMP ASSIGN speaker terminals can be switched to signals of the surround mode being used (vpage 25 "Amp Assign"). Amp assign mode (vpage 25) SURR. BACK/AMP ASSIGN Speaker connections Example of speaker installation (L) (R) (L) (R) (L) (R) w q q w q w q w q w q w Normal Surround back speakers (7.

1) Normal Surround back speakers b Connect to the "L" speaker terminal. b Set "Surround Back" (vpage 26) to "1spkr". Not connected (6.1) Normal b Set the "Surround Back" setting (vpage 26) to "OFF" . (5.1) Front Height Front Height speakers (7.1) For connections of the SURR. BACK/AMP ASSIGN speaker terminals, see "Amp Assign" (vpage 25). Protection circuit If the core wires touch the rear panel and the screws etc., or the ± sides touch each other, the protection circuit will be activated and the power indicator will flash red at intervals of 0.

5 secs. If the protection circuit is activated, the speaker output is isolated, and the power supply goes to the standby state. If the power supply is turned off, after the power supply cord is withdrawn, please confirm that speaker cable and input cable are connected. Also, if replaying large sound levels by using a speaker having an impedance less than that specified (eg, 4 /ohms), the temperature will rise, and the protection circuit might be activated. The power supply will go into the standby state, and the power indicator will flash red at 2 second intervals. In this case, please switch off the power supply, and wait until the AVR-1910 has cooled down, and the surrounding ventilation is good. Even if there are no problems with the surrounding ventilation and connections, in the event of the protection circuit becoming activated, due to thinking that the AVR-1910 has failed, please contact DENON Service center after switching off. Front A Bi-Amp or Front B Bi-Amp Front A or B speakers b For connections, see "About bi-amp connections" (vpage 12). MAIN ZONE (5.1) ZONE2 ZONE2

#### ZONE2 speakers (5.

1) (2) (Default) ENGLISH Connecting the Speakers Connecting the Speaker Cables Carefully check the left (L) and right (R) channels and + (red) and (black) polarities on the speakers being connected to the AVR-1910, and be sure to interconnect the channels and polarities correctly. About bi-amp connections These connections make for higher quality playback sound with no interference between the signals of the bass and treble units. When the amplifier assignment mode is set to "Front A Bi-Amp" or "Front B Bi-Amp" connect as shown below. (The illustration shows a , connection example for the front B Bi-Amp speakers.) Front speakers B Connecting Devices Connecting Devices Equipped with HDMI terminals Important Information n About HDMI "HDMI" is the abbreviation of "High Definition Multimedia Interface" This interface allows transfer of digital video signals . and digital audio signals over a single HDMI cable. Getting Started Connections 1 Peel off about 10mm of sheathing from the tip of the speaker cable, then neither twist the core wire tightly or terminate it. Turn the speaker terminal counterclockwise to loosen it. Insert the speaker cable's core wire to the hilt into the speaker terminal. Turn the speaker terminal clockwise to tighten it.

2 3 4 Settings q w q w "HDMI" "HDMI logo" and "High-Definition Multimedia Interface" , are trademarks or registered trademarks of HDMI Licensing LLC. Playback (L) AVR-1910 (R) n Functions usable with HDMI connections Deep Color Eliminates on-screen color banding, for smooth tonal transitions and subtle gradations between colors. Multi-Zone n When using a banana plug Tighten the speaker terminal firmly before inserting the banana plug. x.v.Color Enables displays with natural, vivid colors. "x.v.Color" is a Sony registered trademark. Remote Control Auto Lip Sync (vpage 28) Use speakers with an impedance of 6 to 16 /ohms.

When using front A and B speakers simultaneously, use speakers with an impedance of 12 to 16 /ohms. HDMI 1.3 incorporates an automatic video/audio synchronizing capability that allows devices to perform this synchronization automatically with total accuracy. When in the "Front A Bi-Amp" and "Front B Bi-Amp" modes, the same signals are output from the front speaker terminals and the AMP ASSIGN terminals. Information NOTE · Connect the speaker cables in such a way that they do not stick out of the speaker terminals. The protection circuit may be activated if the core wires touch the rear panel or if the + and sides touch each other (v "Protection circuit"). · Never touch the speaker terminals while the power supply is connected. Doing so could result in electric shock. HDMI control function (vpage 28, 49) This function allows you to operate external devices from the receiver and operate the receiver from external devices. Troubleshooting NOTE · Use speakers compatible with bi-amp connections.



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· When making bi-amp connections, be sure to remove the shortcircuiting plate or wire between the speaker's woofer and tweeter terminals. NOTE These functions will not work if the device connected to the HDMI terminal does not support Deep Color or x.v.Color signal transfer or the Auto Lip Sync function. Specifications n Copyright protection system (HDCP) The AVR-1910 supports HDCP (High-bandwidth Digital Contents Protection). HDCP is a copyright protection technology for digital video signals. The devices connected to the AVR-1910 must also support HDCP . NOTE When a device that does not support HDCP is connected, video signals are not properly output. ENGLISH Connecting devices Connections The AVR-1910 allows connection of inputs from up to 4 HDMI devices and output to 1 TV. DVD Player Blu-ray Disc Player SAT/CABLE Tuner Digital Video Recorder n Connecting to a device equipped with a DVI-D When an HDMI/DVI conversion cable (sold separately) is used, the HDMI video signals are converted to DVI signals, allowing connection to a device equipped with a DVI-D terminal. terminal Connecting Devices not Equipped with HDMI terminals Monitor (TV) · Select the terminal to use and connect the device. · For video connections, see "Converting input video signals for output (Video Conversion Function)" (vpage 9). For instructions on HDMI connections, see "Connecting Devices Equipped with HDMI terminals" on page 12. Monitor (TV) Getting Started Connections Connections Settings Playback Multi-Zone Remote Control Information Troubleshooting Specifications NOTE · No sound is output when connected to a device equipped with a DVI-D terminal. Also make the audio connections. · Signals cannot be output to DVI-D devices that do not support HDCP . · Depending on the combination of devices, the video signals may not be output. n Settings related to HDMI connections Set as necessary. For details, see the respective reference pages. Input terminal assignment (vpage 33) HDMI Setup (vpage 28) Set this when changing the input sources of the different terminals.

Monitor (TV) Make these settings related to HDMI input/output signals. · Auto Lip Sync · HDMI Audio Out · HDMI Control · Standby Source · Power Off Control · Use a cable on which the HDMI logo is indicated (a certified HDMI product) for connection to the HDMI connector. Normal playback may not be possible when using a cable other than one on which the HDMI logo is indicated (a non-HDMI-certified product). · When the AVR-1910 is connected to other devices with HDMI cables, also connect the AVR-1910 and TV using an HDMI cable. · When a device supporting Deep Color signal transfer is connected, use a cable compatible with HDMI ver.1.3a. · Video signals are not output if the input video signals do not match the monitor's resolution. In this case, switch the Blu-ray Disc player / DVD player's resolution to a resolution with which the monitor is compatible. NOTE The audio signals output from the HDMI connectors are only the HDMI input signals.

NOTE · If the menu "HDMI Audio Out" setting (vpage 28) is set to "AMP", the sound may be interrupted when the monitor's power is turned off. · The audio signal from the HDMI output terminal (sampling frequency, number of channels, etc.) may be limited by the HDMI audio specifications of the connected device regarding permissible inputs. The component video connectors may be indicated differently on your monitor. For details, see the monitor's operating instructions.

ENGLISH Connecting Devices not Equipped with HDMI terminals Getting Started Playback Components Blu-ray Disc player / DVD player Select the terminal to use and connect the device. For instructions on HDMI connections, see "Connecting Devices Equipped with HDMI terminals" on page 12. Blu-ray Disc player / DVD player Control dock for iPod® Use a DENON control dock for iPod (ASD-1R, ASD-11R, ASD-3N or ASD-3W sold separately) to connect the iPod to the AVR-1910. For instructions on the control dock for iPod settings, refer to the control dock for iPod's operating instructions. Control dock for iPod CD Player CD Player Connections L R ASD-3N or ASD-3W R Settings L Playback R L R L Multi-Zone R L R L Remote Control Set as necessary Set this to change the input signal to which the input source is assigned.

"Assign" (vpage 33) Information Troubleshooting Specifications Set as necessary Set as necessary Set this to change the input signal to which the input source is assigned. "Assign" (vpage 33) Set this to assign the iPod to a terminal other than "VCR (iPod)" "iPod Dock" (vpage 33) NOTE When connected to a Blu-ray Disc player, and playing Dolby TrueHD, DTS-HD, Dolby Digital Plus, connect the HDMI. With the default settings, the iPod can be used connected to the VCR (iPod) connector. ENGLISH Connecting Devices not Equipped with HDMI terminals Getting Started Connections Connections Settings Playback L R L R L R L R Recording Components Digital Video Recorder Select the terminal to use and connect the device. For instructions on HDMI connections, see "Connecting Devices Equipped with HDMI terminals" on page 12. DVD Recorder SAT/CABLE Tuner Video Cassette Recorder Select the terminal to use and connect the device. For instructions on HDMI connections, see "Connecting Devices Equipped with HDMI terminals" on page 12. Video cassette recorder Select the terminal to use and connect the device. For instructions on HDMI connections, see "Connecting Devices Equipped with HDMI terminals" on page 12. SAT/CABLE Tuner L R Multi-Zone Remote Control Information Troubleshooting Specifications L R L R L R L R L R Set as necessary Set as necessary Set this to change the input signal to which the input source is assigned.

"Assign" (vpage 33) Set as necessary Set this to change the input signal to which the input source is assigned. "Assign" (vpage 33) Set this to change the input signal to which the input source is assigned. "Assign" (vpage 33) NOTE · To record video signals through the AVR-1910, use the same type of video cable for connection between the AVR-1910 and the player as the cable used for connection between the AVR-1910 and the recorder. · Do not connect the output of the component connected to the AVR-1910's OPTICAL2 output connector to any input connector other than OPTICAL2. NOTE To record video signals through the AVR-1910, use the same type of video cable for connection between the AVR-1910 and the player as the cable used for connection between the AVR-1910 and the recorder.



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ENGLISH Connecting Devices not Equipped with HDMI terminals Getting Started Other Devices Video Camera / Game Console Video camera / Game console SIRIUS Connector · The AVR-1910 is a SIRIUS Satellite Radio Ready® receiver. You can receive SIRIUS® Satellite Radio by connecting to the SiriusConnect Home Tuner and subscribing to the SIRIUS service. · Plug the SIRIUS connector on the rear panel. · Position the Home Tuner antenna near a south-facing window to receive the best signal. For details, see "Listening to SIRIUS Satellite Radio Programs" (vpage 40, 41).

When making connections, also refer to the operating instructions of the SiriusConnect Home Tuner. Connections Settings SIRIUSConnect Home Tuner R L Playback R L b When connecting digital audio Multi-Zone Remote Control Component with Multi-channel Output connectors The video signal can be connected in the same way as a Blu-ray Disc player / DVD player (vpage 14). Blu-ray Disc player / DVD player / External decoder Set as necessary To play analog signals input from the external input (EXT. IN) terminal, set "Input Mode" (vpage 34) on the menu to "EXT. IN".

"EXT. IN" can also be selected with . When connecting digital of the SiriusConnect Home Tuner, perform the setting "Assign" (vpage 33) from the menu.

Information NOTE Keep the power cord unplugged until the SiriusConnect Home Tuner connection have been completed. "SIRIUS, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. and its subsidiaries. All rights reserved. Service not available in Alaska and Hawaii." Troubleshooting L R L R L R n Positioning the Antenna For a consistent satellite signal, the antenna must be positioned correctly. Use the following map to determine which area you are in and position the antenna accordingly. L R L R L R NORTH WEST q t r w e SOUTH Area 1 : oint the antenna toward the sky in the east, P northeast, or southeast, either through a window or outside. Area 2 : oint the antenna toward the sky in the north P or northeast, either through a window or outside. Area 3 : oint the antenna toward the sky in the north P or northwest, either through a window or EAST outside. Area 4 : oint the antenna toward the sky in the west, P northwest, or southwest, either through a HORIZON window or outside. Area 5 : ut the antenna outside and point it straight P up.

The antenna cannot be used indoors. SKY Specifications ENGLISH Connecting Devices not Equipped with HDMI terminals Antenna terminals Direction of broadcasting station FM antenna 3 AM loop antenna (supplied) Returnthelever. Once Connections are Completed Turning the Power On Getting Started Connections Connections Settings Playback Multi-Zone Remote Control Information Troubleshooting Specifications NOTE · Do not connect two FM antennas simultaneously. · Even if an external AM antenna is used, do not disconnect the AM loop antenna. · Make sure the AM loop antenna lead terminals do not touch metal parts of the panel. 75 /ohms Coaxial cable FM indoor antenna (supplied) 1 2 Press . The power indicator lights red and the power is set to the standby mode. Press . when in standby The power indicator flashes green and the power turns on. Front b Also press Connecting the Power Cord Wait until all connections have been completed before connecting the power cord.

AM outdoor antenna Ground mode, the power turns on. When n AM loop antenna assembly has been pressed, the input source set with the is set. If a has been pressed, the input source stored in the memory for the quick select function is set (vpage 50 "Saving frequently used settings (Quick Select Function)"). 1 Remove the vinyl tie and take out the Power cord To household power outlet (AC 120 V, 60 Hz) This operation can also be performed by pressing a the main unit. on connectionline.

2 3-1 Bendinthereversedirection. ith the antenna on top of any W Connection to the AC outlets · These outlets supply power to external audio equipment. · Audio equipment with a total power consumption of 120 W (1 A) can be connected. · The power supply turns on and off together with the on the main unit. When set to "ON" power is supplied from the outlet.

When set to "STANDBY" no power is sup, plied. Turning the Power Off stablesurface. Mount 1 2 Press . The power is set to the standby mode. Front 3-2With the antenna attached to a wall. Installation hole Mount on wall, etc. Press . The power indicator turns off, and so does the power. NOTE When "HDMI Control" (vpage 28) is set to "ON" power is supplied constantly to , the AC outlet (UNSWITCHED). NOTE · Power continues to be supplied to some of the circuitry even when the power is in the standby mode.

When leaving home for long periods of time or when traveling, either press to turn off the power, or unplug the power cord from the power outlet. · When the ZONE2 power is switched on, and you want to switch off the MAIN ZONE power, press . n Connection of AM antennas 1 2 Pushthelever. NOTE Inserttheconductor. · Insert the AC plugs securely. Incomplete connections could cause noise. · Only use the AC outlets to plug in audio equipment. Do not use them as power supplies for hairdryers or anything other than audio equipment. ENGLISH Settings With the AVR-1910, settings and operations for most functions can be performed by operating while looking at the menus displayed on the monitor screen. Getting Started Menu map nOperations Connections b To return to the previous item, press b Select "Default Yes", then press reset to the default setting.

1Press . The menu is displayed. 2Pressuito selecttheitem . Setting items you want to set,thenpress 3Press ui to selecttheitem . Number 1-1 1-2 1-3 1-4 1-5 1-6 2-1 2-2 2-3 2-4 2-5 2-6 3-1 3-2 you want to set,thenpress to select 4Use ui to set.

the item, thenpress . to P 5 ress . The settings made up to that point are entered and the settings menu screen turns off. Page 44 46 46 47 48 48 48 48 48 48 48 48 21 24 Settings n Setting menus Detailed items Surround Parameter Tone Control Audyssey Settings Manual EQ RESTORER Audio Delay Status Audio Input Signal HDMI Information Auto Surround Mode Quick Select Preset Channel Audyssey Auto Setup Parameter Check Description Adjust surround sound parameters. Adjusts the treble and bass tone.

Makes the MultEQ, Dynamic EQ and Dynamic Volume settings. Adjust tonal quality for each speaker using graphic equalizer. Uncompress compressed sources and apply bass boost for richer sound. Compensate for incorrect timing between video and audio.



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