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You can read the recommendations in the user guide, the technical guide or the installation guide for HARMAN KARDON BDS 570. You'll find the answers to all your questions on the HARMAN KARDON BDS 570 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HARMAN KARDON BDS 570

User guide HARMAN KARDON BDS 570

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BDS 270/BDS 570

Blu-ray Disc™ receiver

Owner's Manual



harman/kardon
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Manual abstract:

3. 4. 5. 6. 7. 8. 9. read these instructions. keep these instructions. Heed all warnings.

follow all instructions. Do not use this apparatus near water. clean only with a dry cloth. @@@@ 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 is 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, tripod, bracket or table specified by the manufacturer or sold with the apparatus.

When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. @@refer all servicing to qualified service personnel. @@@@ the mains plug of the power supply cord shall remain readily operable. Do not expose batteries to excessive heat such as sunshine, fire or the like. CAUTION rISk of eLectRlc SHock. Do not open. 10. 11. 12. 13.

14. 15. 16. 17. 18. tHe LIgHtnIng fLaSH WitH an 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 eLectRlc SHock to perSonS. tHe exCLaMatIon poInt WitHIn an eQuILaterAL tRiAngLe IS IntenDeD to aLert tHe uSer to tHe preSenCe of IMportant operatIng and MaIntenance (SerVlCIng) InStruCTIonS In tHe LIterature accoMpanyIng tHe proDuct. Warning: to reDuce tHe rISk of fIre or eLectRlc SHock, Do not expoSe tHIS apparatuS to raIn or MoISture. For Products That Transmit and Receive RF Energy: FCC Regulations (USA Only) FCC Information For Users this device complies with part 15 of the fcc rules. operation is subject to the following two conditions: (1) this device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesired operation.

For Canadian Model this class B digital apparatus complies with canadian IceS-003. Caution: this product uses a laser system. to prevent direct exposure to the laser beam, do not open the cabinet enclosure or defeat any of the safety mechanisms provided for your protection. Do not Stare Into tHe LaSer BeaM. to ensure proper use of this product, please read the owner's manual carefully and retain it for future use.

Should the unit require maintenance or repair, please contact your local Harman kardon service center. refer servicing to qualified personnel only. Modèle pour les Canadien cet appareil numérique de la classe B est conforme à la norme nMB-003 du canada. Radio and Television Interference this equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the fcc rules. these limits are designed to provide reasonable protection against harmful interference in a residential installation.

this equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and then on, the user is encouraged to try to correct the interference by one or more of the following measures: · Increase the separation between the equipment and receiver. · connect the equipment to a different outlet so that the equipment and receiver are on different branch circuits. · consult the dealer or an experienced radio/tv technician for help. NOTE: changes or modifications not expressly approved by Harman could void the user's authority to operate the equipment. For Products with Radio Receivers That Can Use an External Antenna: CATV or Antenna Grounding If an outside antenna or cable system is connected to this product, be certain that it is grounded so as to provide some protection against voltage surges and static charges. Section 810 of the national electrical code, anSI/nfpa no. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes and requirements of the grounding electrode. For Products That Include Batteries: Instructions for Users on Removal and Disposal of Used Batteries.

CAUTION Risk of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. alkaline batteries are considered nonhazardous. rechargeable batteries (i.e., nickel cadmium, nickel metalhydride, lithium and lithium-ion) are considered hazardous household materials and may pose an unnecessary health and safety risk. In the european union and other locations, it is illegal to dispose of any battery with household trash. all batteries must be disposed of in an environmentally sound manner. contact your local waste management officials for information regarding the environmentally sound collection, recycling and disposal of used batteries. to remove the batteries from your equipment or remote control, reverse the procedure described for inserting batteries in the owner's manual.

for products with a built-in battery that lasts for the lifetime of the product, removal may not be possible for the user. In this case, recycling or recovery centers handle the dismantling of the product and the removal of the battery. If, for any reason, it becomes necessary to replace such a battery, this procedure must be performed by authorized service centers. Note to CATV System Installer: this reminder is provided to call the catV (cable tV) system installer's attention to article 820-40 of the nec, which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as possible. For CD/DVD/Blu-ray Disc™ Players: IC Statement and Warning (Canada Only) this class B digital apparatus complies with canadian IceS003.

cet appareil numérique de la classe B est conforme à la norme nMB-003 du canada. BDS 270/BDS 570 Introduction please register your product on our Web site at www.harmankardon.com. note: you'll need the product's serial number.

at the same time, you can choose to be notified about our new products and/or special promotions. Introduction, Verify Line Voltage Before Using, Unpacking, Installation Location, Cleaning, and Moving the Receiver · Due to the heat generated by the receiver there is the remote possibility that the rubber padding on the bottom of the unit's feet may leave marks on certain wood or wood-veneer materials.



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use caution when placing the unit on soft woods or other materials that heat or heavy objects may damage. Some surface finishes may be particularly sensitive to absorbing such marks, due to a variety of factors beyond Harman kardon control, including the nature of the finish, cleaning materials used, normal heat and vibration caused by the use of the product, or other factors. your warranty will not cover this type of damage to furniture, so exercise caution in choosing an installation location for the component and in performing normal maintenance practices. · your new Harman kardon Blu-ray Disc™ receiver requires a broadband Internet connection for BD-Live™ interactivity. Thank You for Choosing Harman Kardon Products! In the years since Harman kardon engineers invented the high-fidelity receiver, we have taken to heart this philosophy: Bringing the joy of home entertainment to as many people as possible, adding performance and ease-of-use features that enhance the experience. the BDS series of home entertainment systems offers a complete home entertainment solution with a wealth of listening and viewing options in one sleek receiver. to get the maximum enjoyment from your new BDS receiver we urge you to read this manual thoroughly and refer back to it as you become more familiar with your new receiver's features and their operation. If you have any questions about this product, its installation or its operation, please contact your retailer or custom installer, or visit our Web site at www.harmankardon.com.

Cleaning When the receiver gets dirty, wipe it with a clean, soft, dry cloth. If necessary, and only after unplugging the ac power cord, wipe it with a soft cloth dampened with mild soapy water, then a fresh cloth with clean water. Wipe it dry immediately with a dry cloth. neVer use benzene, aerosol cleaners, thinner, alcohol or any other volatile cleaning agent. Do not use abrasive cleaners, as they may damage the finish of metal parts. avoid spraying insecticide near the unit. Verify Line Voltage Before Using your BDS receiver has been designed for use with 110 240-volt, 50Hz/60Hz ac current and includes a detachable Iec power cable intended for use in the region where the receiver is sold. connection to a line voltage other than that for which the unit is intended can create a safety and fire hazard and may damage the units.

If you have any questions about the voltage requirements for your specific model or about the line voltage in your area, contact your dealer before plugging the unit into a wall outlet. Moving the Receiver Before moving the receiver, disconnect any interconnection cords to other components, and disconnect the unit from its ac outlet. your BDS receiver is designed to be compatible with region management information that is encoded on most Blu-ray Disc recordings and DVD recordings. your receiver will only play discs that contain region coding for the area where your receiver was shipped and intended for sale:

Unpacking the carton and shipping materials used to protect your new receiver during shipment were specially designed to cushion it from shock and vibration. We suggest that you save the carton and packing materials for use in shipping if you move or if the unit ever needs repair. to minimize the size of the carton in storage, you may wish to flatten it. you can do it by carefully slitting the tape seams on the carton's bottom and collapsing it. you can store cardboard inserts in the same manner. packing materials that cannot be collapsed should be saved along with the carton in a plastic bag. If you do not wish to save the packaging materials, please note that the carton and other sections of the shipping-protection materials are recyclable. please respect the environment and discard those materials at a local recycling center. remove the protective plastic film from the front-panel lens. Leaving the film in place will affect the performance of your remote coPORTANT: Do not connect a PC or other USB host/controller to this port, or you may damage both the BDS receiver and the other device. orient the device's plug so it fits all the way into the BDS receiver's uSB connector. you may insert or remove the device at any time there is no installation or ejection procedure. 5 ENgLIsh BDS 270/BDS 570 Receiver Rear-Panel Connections coaxial Digital Input connector component Video Input connector Receiver Rear-Panel Connections BD-Live connector HDMI Monitor out connector Main power Switch Speaker connectors fan Vents HDMI Input connectors ac power connector optical Digital Input connectors Subwoofer output connector Subwoofer trigger connector remote Ir Input connector analog audio Input connectors the Bridge IIIp connector fM antenna connector analog audio output connector 6 BDS 270/BDS 570 note: See the Connections section, on page 10, for detailed information about making connections. Main Power switch: this mechanical switch turns the BDS receiver on and off. connect this output to an analog recorder's input connector. you can record any signal from the receiver's analog audio Input connectors. HDMI Monitor Out connector (HDMI ver. 1.

4a with 3-D): connect the BDS receiver's HDMI output to your tV's HDMI input. Since the HDMI cable transmits both video and audio to the tV, we recommend that you set the receiver's HDMI audio output to off in the receiver's audio menu to take full advantage of your BDS receiver's superior audio performance. the receiver's HDMI Monitor out connection contains an audio return channel that carries a digital audio signal from your tV or video display back to the receiver. It allows you to listen to HDMI devices that are connected directly to your tV (such as an Internet connection) without making an additional connection from the device to the BDS receiver. IMportant: your BDS receiver is in compliance with HDcp (High-Definition copy protection). your tV must also be HDcp-compliant to be used with the BDS receiver's HDMI output. for best results, we do not recommend HDMI connections in excess of ten feet (about 3 meters) without a repeater. If your tV has a DVI input, you may use an optional HDMI-to-DVI cable or adapter for the video connection to the tV. (the DVI connection is video-only.) FM Antenna connector: connect the supplied fM antenna to this terminal.

7 ENgLIsh The Bridge IIIp connector: connect the Bridge IIIp ipod/iphone dock (available separately) to this terminal. BDS 270/BDS 570 Remote Control Functions power Button eject Button EJECT POWER TV Remote Control Functions Power button: pressing this button toggles the BDS receiver between the on and Standby modes. tV power Button TV Power button: after you program the remote control, pressing this button turns the tV's power on and off. See Programming the Remote, on page 14. Eject button: press this button to eject a disc from the BDS receiver's built-in disc player.



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Before pressing this button, make sure no objects are blocking the disc slot opening. Radio Input button: pressing this button selects the BDS receiver's built-in FM radio as the system's active audio source. pressing this button also puts the remote control into the control mode for the radio. See Using the Radio, on page 23, for details. note: pressing this button when the BDS receiver is in the Standby mode will switch it on.

Bridge Input button: pressing this button selects an ipod device inserted in a connected the Bridge IIIp dock (available separately) as the system's active audio source. pressing this button also puts the remote control into the control mode for the ipod device. See Listening to Your iPod/iPhone Device, on page 23, for details. note: pressing this button when the BDS receiver is in the Standby mode will switch it on. Disc Input button: pressing this button selects the BDS receiver's built-in disc player as your entertainment system's active audio and video source and plays a disc that has been inserted into the player. pressing this button also puts the remote control into the disc player control mode. See Using the Disc Player, on page 21, for details. note: pressing this button when the BDS receiver is in the Standby mode will switch it on. Aux Input button: pressing this button selects the receiver's active rear-panel audio input as the system's active audio source. repeatedly pressing the button cycles through all of the rear-panel audio inputs.

See Listening to Audio Sources, on page 24, for details. pressing this button also places the remote into the auxiliary-component control mode, enabling the remote to use any pre-programmed and/or learned functions. See Listening to Audio Sources, on page 24, for details. note: pressing this button when the BDS receiver is in the Standby mode will switch it on. HDMI 1-3 Input buttons: pressing these buttons selects the device connected to the corresponding HDMI input as the active audio and video source. note: pressing any of these buttons when the BDS receiver is in the Standby mode will switch it on. Component Input button: pressing this button selects the device connected to the component Video Input connector and the aux In 1 connector as the active audio/ video source. note: pressing this button when the BDS receiver is in the Standby mode will switch it on. Numeric buttons: use these buttons to enter numbers for various items. Repeat button: When the BDS receiver is playing a Blu-ray Disc recording pressing this button cycles through the following repeat modes: chapter, title, off.

When the BDS receiver is playing a DVD, pressing this button cycles through the following repeat modes: chapter, title, all, off. When the BDS receiver is playing a CD or listening to media stored on an ipod or uSB device, this button cycles through the following repeat modes: track, all, off. Display button: When you are playing Blu-ray Disc and DVD recordings, pressing this button activates a bar display containing information about the currently playing disc or program. When you are playing a video or photo slideshow from an inserted uSB device, pressing this button displays the Status bar. the button does not function when the BDS receiver is playing material from an ipod device, an auxiliary source or the radio.

Home button: pressing this button returns the on-screen display to the Home screen from whatever screen is active when the button is pressed. Options button: pressing this button displays any available options for the item that is active at the time the button is pressed. When listening to an aux source, pressing the options button lets you adjust the audio delay to eliminate "lip sync" errors between the sound and picture when watching video programs with sound playing through one of the receiver's rear-panel audio inputs. See Listening to Audio Sources, on page 24, for details. radio Input Button Disc Input Button HDMI 1 3 Input Buttons DISC RADIO BRIDGE Bridge Input Button AUX aux Input Button component Input Button numeric Buttons HDMI1 HDMI2 HDMI3 COMPONENT 1 4 7 2 5 8 0 SURROUND 3 6 9 DISPLAY repeat Button Home Button Surround Button REPEAT Display Button options Button HOME OPTIONS ok Button top Menu Button clear/exit Button previous/Step Button Search/Slow reverse Button Stop Button Mute Button Volume up/Down Buttons program (red) Button Bookmark (green) Button CLEAR/EXIT OK cursor controls TOP MENU POP-UP pop-up Button next/Step Button Search/Slow forward Button play Button pause Button + VOLUME + MUTE CHANNEL PROGRA M BOOKMARK THUMBNAIL ZOOM channel up/ Down Buttons Zoom (Blue) Button thumbnail (yellow) Button 8 BDS 270/BDS 570 Surround button: pressing this button cycles through all of the surround-sound modes that are available for the active program.

each press of the Surround button will change to the next mode in line. a pop-up display will appear, showing the modes as you cycle through them. note: not all surround modes will be available for all programs. See Surround-Sound Modes, on page 21, for more information. OK button: press this button to select the highlighted item on the on-screen menu. Cursor controls: use these buttons to navigate through items on the on-screen menu. Top Menu button: Displays the top menu of the Blu-ray Disc recording or DVD that is playing. note: this feature is disc-dependent. not all DVDs have top menus. If the DVD has no top menu, pressing the top Menu button may display the disc menu, depending on how the disc's menu system was authored.

See Using the Disc Player, on page 21, for details. Clear/Exit button: pressing this button exits the current on-screen menu and displays the previous screen; it also clears incorrect entries made when entering numbers with the numeric buttons. Pop-Up button: pressing this button while playing a Blu-ray Disc recording or DVD displays its disc menu. note: this feature is disc-dependent. not all DVDs have pop-up menus. If a DVD has no pop-up menu, pressing the pop-up button may display the disc menu, depending on how the disc's menu system was authored. Previous/Step button: press this button once to skip to the beginning of a track or, when viewing photos, to the previous photo. press the button twice to skip to the beginning of the previous track. press the button repeatedly to go back through the previous chapters or tracks. When video content is playing on Blu-ray Disc recordings and DVDs, press the pause button first; afterwards, each subsequent press of the previous/Step button reverses the video one frame.

Next/Step button: press this button once to skip to the beginning of the next track or, when viewing photos, to the next photo. press the button repeatedly to advance through the next chapters or tracks. When video content is playing, press the pause button first; afterwards, each subsequent press of the next/Step button advances the video one frame.



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Search/Slow Reverse button: press this button to reverse through a disc track. for Blu-ray Disc recordings and DVDs, each press cycles through 2x, 4x, 8x, 16x and 32x reverse speed.

pressing the button while a Blu-ray Disc recording or DVD is paused will reverse through the chapter in slow motion. each press cycles through 1/2, 1/4, 1/8 and 1/16 normal speed. **Search/Slow Forward button:** press this button to fast-forward through the current disc track. for Blu-ray Disc recordings and DVDs, each press cycles through 2x, 4x, 8x, 16x and 32x normal speed. pressing the button while a Blu-ray Disc recording or DVD is paused will play through the chapter in slow motion.

each press cycles through 1/2, 1/4, 1/8 and 1/16 normal speed. **Stop button:** press this button to stop playback at the current point. (pressing the play button will resume playback from this point.) press the Stop button twice to stop playback fully. note: Some settings and functions will be available only when the player is fully stopped. **Play button:** press this button to play a disc that has been loaded into the player's disc drawer or a music file that has been highlighted on the on-screen menu. pressing this button when viewing photos begins a slide show of all photos in the current folder. **Mute button:** press this button to mute the sound from the BDS receiver's speaker outputs. press the button again to un-mute the sound. note: the Mute button does not mute the HDMI audio output.

Pause button: press this button to pause a disc or music file that is playing. pressing the button while a Blu-ray Disc recording or DVD is playing will freeze-frame on the current video frame. pressing the button while the disc is paused will resume play. pressing this button while viewing photos freezes the current photo on the screen. **Remote Control Functions IMPORTANT:** Do not turn the Volume buttons up to or past the point where the audio from the speakers becomes distorted. Doing so can damage the speakers. **Channel +/- buttons:** When radio is the source selected on the remote control, the channel +/- buttons select the next higher or lower preset station. **Program (Red) button:** press this button to create a programmed playback list for the currently-playing disc. See Programmed Play, on page 22, for more information. **Zoom (Blue) button:** press the Zoom button to zoom in on or recede from a video image or slide. use the navigation buttons to zoom in on different sections of the image. note: this function is disc-dependent for Blu-ray Disc recordings and DVDs. not all discs can be zoomed in on. **Bookmark (Green) button:** press this button to activate the Bookmark function. See Bookmark Function, on page 22, for more information.

Thumbnail (Yellow) button: press this button while playing a photo slide show to display thumbnail images of all photos in the slide show. **Red, Green, Yellow and Blue buttons:** When the BDS receiver is playing a Blu-ray Disc recording, these buttons can activate features and menus that may vary from disc to disc. refer to the menu instructions for each particular disc for more information. note: these Blu-ray Disc functions may override the Bookmark, thumbnail, program and Zoom functions. **9 ENGLISH Volume +/- buttons:** press these buttons to increase or decrease the volume of the BDS receiver's speaker outputs. note: the Volume +/- buttons do not change the volume of the HDMI audio output. **BDS 270/BDS 570 Connections CAUTION:** Before making any connections to the BDS receiver, ensure that the receiver's AC cord is unplugged from the receiver and the AC outlet. Making speaker connections with the receiver plugged in and turned on could damage the speakers. Speakers and receivers/amplifiers have corresponding (+) and (-) connection terminals. Most speakers use red to denote the (+) terminal and black for the (-) terminal. the BDS receiver uses white to denote the left channel (+) terminal and red for the right channel (+) terminal. Black is used to denote the (-) terminal of both channels. the BDS receiver uses the following colors to denote the (+) terminals of the various channels: front Left (+): White front right (+): Red center (+): Green Surround Left (+): Blue Surround right (+): Gray a. unscrew cap B. Insert Bare Wire Connections Connecting the Receiver Terminals c.

tighten cap **Connecting a Powered Subwoofer** use a mono rca audio cable to connect the BDS receiver's Subwoofer output connector to your powered subwoofer; consult your subwoofer's user manual for information about making connections to your subwoofer. Black is used to denote the (-) terminals of all channels on the BDS receiver. Be sure to connect each speaker identically: (+) on the speaker to (+) on the receiver or amplifier, and (-) on the speaker to (-) on the receiver or amplifier. Miswiring one or more speakers results in thin sound, weak bass and a poor stereo image. **CAUTION:** Make sure the (+) and (-) bare wires do not touch each other or the other terminal. Touching wires can cause a short circuit that can damage your receiver or amplifier. **powered Subwoofer Connecting the Speakers** front right Speaker center Speaker* front Left Speaker Mono rca audio cable (not supplied) **IMPORTANT:** Do not plug the subwoofer's AC power cord into an AC outlet at this time. **Connecting the FM Antenna** connect the supplied antenna to the fM antenna connector, as shown in the illustration below. fully extend the antenna wire and move it to different positions until you get the best reception of your favorite stations. **Surround right Speaker* Surround Left Speaker* * used only with BDS 570 receiver fM antenna 10 BDS 270/BDS 570 Connecting a TV or Video Display** use the supplied HDMI cable to connect the BDS receiver's HDMI output to your tV/video display's HDMI input.

the BDS receiver is HDMI version 1.4a with 3-D and 30/36-bit Deep color. note: If you have devices (such as an Internet modem) already connected directly to your tV, you can feed their sound to the BDS receiver via the HDMI Monitor out connector's audio return channel, and they will not require additional connections to the receiver. **Connections Connecting Your Component Video Source Device** If you have a video source device that has a component video connector (and does not have an HDMI connector), using the component video connector will provide superior video performance. you will also need to make an audio connection from the device to the receiver's aux In 1 connectors.

component Video-equipped Source Device ENGLISH to component Video outputs analog audio outputs component Video cable (not supplied) Stereo audio cable (not supplied) tV **Connecting Your Optical Digital Audio Source Devices** note: the HDMI connection will deliver both video and audio to your tV or video display. We suggest disabling your tV or video display's audio system to take full advantage of your BDS receiver's superior audio reproduction.



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If up to two of your non-HDMI source devices have optical digital outputs, connect them to the receiver's optical digital audio connectors. note: Make only one type of digital connection (HDMI, optical or coaxial) from each device. optical-equipped Source Device Connecting Your HDMI Source Devices If you have any source devices with HDMI connectors, using them will provide the best possible video and audio performance quality.

Since the HDMI cable carries both digital video and digital audio signals, you do not have to make any additional audio connections for devices you connect via an HDMI cable. HDMI-equipped Source Device to optical Digital audio output to HDMI output optical Digital audio cable (not supplied) HDMI cable (not supplied) 11 BDS 270/BDS 570 Connecting Your Coaxial Digital Audio Source Device If one of your non-HDMI source devices has a coaxial digital output, connect it to the receiver's coaxial Digital Input connector. note: Make only one type of digital connection (HDMI, optical or coaxial) from each device. coaxial-equipped Source Device Connections Connecting Your Analog Recorder connect an analog audio recorder's inputs to the receiver's analog audio output connectors. you can record any analog audio input signal. analog recorder to coaxial Digital audio output to record Inputs coaxial Digital audio cable (not supplied) Stereo audio cable (not supplied) Connecting Your Analog Audio Source Devices use the receiver's aux In connectors for up to two source devices that don't have HDMI or digital audio connectors. analog Source Device Connect an Optional The Bridge IIP connect an optional the Bridge IIP to the receiver's the Bridge IIP connector. Insert the plug until it snaps into place in the connector. IMPORTANT: Connect The Bridge IIP only with the receiver's power turned OFF. the Bridge IIP to Stereo analog audio output Stereo audio cable (not supplied) 12 BDS 270/BDS 570 Connecting to a Local Area Network (LAN) use a cat.

5/5e network cable (not supplied) to connect the BDS receiver's BD-Live connector directly to a network router, a network switch, a network modem or an ethernet network wall jack that has Internet access. note: the BDS receiver can not access content on other networked devices. the network connection enables only the receiver's BD-Live features. See BD-Live Interactivity, on page 22, for details. to Internet Connections Connect the Remote IR Input the BDS receiver is equipped with a remote Ir Input connector that lets you remotely control the receiver when you place it inside a cabinet or in a location that is out of the line of sight of the remote control. connect an external Ir receiver, such as the optional Harman kardon He 1000, to the receiver's remote Ir Input connector. BDS receiver remote Ir Input connector ENglish external Ir receiver cat. 5/5e BDS receiver Installed Inside of cabinet network Modem Connect the Subwoofer Trigger Output If your system has equipment that can be controlled by a Dc trigger signal, connect it to the receiver's Subwoofer trigger connector with a mono 1/8-inch (3.5mm) mini-plug interconnect cable (not supplied). the receiver will supply a 12V Dc (100ma) trigger signal at this connection whenever it is powered on.

Connecting the AC Power the BDS receiver comes with a detachable ac power cord. this type of cord makes it easier for you to install and connect all other system wiring to the receiver's rear panel. the subwoofer has a non-detachable power cord. noteS: · the power requirement for the BDS receiver is 110V 240V ac, 50/60Hz, 130W (BDS 570 receiver) or 90W (BDS 270 receiver). connecting to a power source other than the ones listed may damage the receiver or cause abnormal operation.

· Before connecting the ac power cord to a wall outlet, confirm that you have correctly made all of the speaker connections, video connections and audiocomponent connections. Device with trigger In connector Mono 1/8-Inch (3.5mm) Mini-plug Interconnect (not supplied) connect the female end of the receiver's detachable power cord to the receiver's ac power connector. plug the other end into a working, unswitched ac outlet. Receiver PL0004-01001 Set the receiver's Main power switch to the "on" position.

the receiver's power indicator will turn amber, indicating that the receiver is in the Standby mode. 13 BDS 270/BDS 570 Preparing the Remote Control Installing the Batteries your receiver's remote control uses three aaa batteries (supplied). Insert the batteries as shown in the illustration, making sure to observe the correct polarity. Preparing the Remote Control Using the Remote When using the remote, remember to aim it toward the receiver's front panel. Make sure that no objects, such as furniture, block the remote's view of the receiver. Bright lights, fluorescent lights, and plasma-video displays may interfere with the function of the remote. · the remote has a range of about 20 feet (6.1m), depending on the lighting conditions. · you can use the remote at an angle of up to 30° to either side of the BDS receiver. If the remote seems to operate intermittently, or if pressing a button on the remote does not cause one of the Input buttons to light up, make sure that the batteries are inserted correctly.

If the remote still operates intermittently, replace all three batteries with new ones. 6. If you run out of codes for a component, you can search through all of the codes in the remote's library for that component type. a) press and hold the aux button for three seconds. the button will turn red, go dark and turn red again. then release the button. b) for a conventional uS tV, enter "0999"; for a conventional eu tV, enter "1999"; for an HdT, enter "2999"; for a uS cable box, enter "3999"; for an eu cable box, enter "4999"; for a uS satellite tuner, enter "5999"; for an eu satellite tuner, enter "6999." c) aim the remote control toward the component and press the remote's cursor up button. each press of the button sends the "power" signal for one setup code number. Holding down the cursor up button quickly scans through all of the setup code numbers.

d) release the cursor up button as soon as the component turns off. If you pass the correct setup code number, you can return to it by pressing the cursor Down button, one setup code number at a time, until the component turns back on. e) check that the other remote-control buttons control the component as expected. If they do, press the aux button again to save the code. the button will flash three times, and the remote will exit the programming mode.

f) If the remote does not operate as expected, repeat Steps c e. note that some components may not respond to all of the above commands and may support only some of the commands listed.



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To teach individual button codes to the remote: you can teach codes from other component remotes onto the BDS receiver remote buttons shown shaded in the following illustration: = Learning capable REPEAT DISPLAY CLEAR/EXIT Programming the Remote In addition to controlling the BDS receiver, you can program the remote to control one auxiliary (aux) component. the remote is also capable of learning codes directly from other remotes. this ability allows you to combine learned commands with programmed codes, making the remote capable of controlling more than one aux component.

typical aux components would be your tV, a satellite receiver or a cable receiver. the remote will control the aux component(s) only when the aux source button has been pressed. pressing any other source button will put the remote back into the BDS receiver control mode. To program the remote to control an Aux component: 1. Look up the codes for the component type (e.g. tV or cable tV box) and the brand name of your source in the Aux Component Remote-Control Code List, on page 28. 2. turn your auxiliary component on. 3. press and hold the aux button for three seconds as it turns red, goes dark and turns red again.

then release the button. note: the remote will remain in the programming mode for 20 seconds. you must perform Step 4 within 20 seconds. 4. aim the remote toward the component you just turned on and enter a code number from Step 1, above. If the component turns off, check that its own remote-control buttons control the component as expected. If they do, press the aux button again to save the code. the button will flash three times, and the remote will exit the programming mode. 5. If any of the buttons do not work as expected, or if the component does not turn off when you enter the code number, repeat Step 4 with another code number from the list for that manufacturer.

1. place the BDS receiver remote and the remote from which you want it to learn codes head-to-head about 1 inch (2.5cm) apart, with their Ir transmitter windows facing each other. 2. press and hold the options button on the BDS receiver remote for more than three seconds. the remote's aux button will light up. 3. press the button on the BDS receiver remote to which you want to teach the command. the Learn mode will remain active for 20 seconds after the button is pushed. 4. press the button on the other remote that you want to "teach" to the BDS receiver remote. When the Ir code has been received and stored, the aux button's LeD will flash three times, and the BDS receiver remote will remain in the learning mode, ready to learn another code. If no Ir code is received within 20 seconds, the aux LeD will flash rapidly several times, and the remote will exit the learning mode. to resume programming, return to Step 2. 5. repeat Step 3 and Step 4 for each command you want to teach the BDS receiver remote. note: If the aux button's LeD goes out at any time, you will need to begin again from Step 2. 14 BDS 270/BDS 570 Programming Remote Control "Punch-Through" Commands after programming the remote to control an auxiliary (aux) component, you can also program it so it will control the aux component's channel up/down and transport functions (play, pause, etc.) even when the remote is not in the aux-control mode. for example, if the remote is programmed to operate your tV in the aux control mode, you can also have the tV's channel +/- functions "punch through" and operate even when the remote is in the Disc, radio or ipod control modes.

1. press and hold the Input button for the main device the remote will be operating. the button will light up, go dark and then light up again. release the button. 2. Select the type of punch-through programming. a) for "punch-through" channel control, press the channel up button. b) for "punch-through" transport control, press the play button. 3. press the aux button. the original Input button will flash to confirm. you can repeat Step 1 Step 3 for any of the remote's Input buttons (aux, radio, etc.). note: "punch-through" channel and transport commands will override the existing commands for those buttons in the source modes you program. to undo "punch-through" programming, follow the same steps as above, but press the same Input button in Step 1 and Step 3.

Preparing the Remote Control and Setting Up the Receiver Setup Wizard ENGLISH When you turn your BDS receiver on for the first time, the on-screen menu will display the Setup Wizard. Setup Wizard Page: 1/5 Welcome to the Harman/Kardon BDS Setup Wizard. Some simple information is needed to ensure you get the best experience from your product. You can adjust these settings later in addition to making changes to more advanced settings by selecting 'Settings' from the Home Menu. OK Next Erasing All Learned Button Codes 1.

press and hold the options button for more than three seconds. the remote's aux Input button will light up. 2. press the aux Input button. the button will flash. 3. Hold down the "9" number button for at least three seconds, three times in a row. the aux Input button will flash three times then will go out. all learned button codes have now been erased. Before you can use your BDS receiver, you need to set the language and make a few basic settings so that its video output will work properly with your tV.

press the ok button and the Wizard's language screen will appear. Setup Wizard English Español Français Deutsch Italiano Page: 2/5 Please select which language you would like the BDS menus to appear in. Resetting the Remote to Factory Default Condition 1. press the aux Input button and the "0" number button simultaneously. the aux button will light up. 2. Hold down the "3" number button for at least three seconds, three times in a row. all of the input buttons will flash three times. 3. after the input buttons stop flashing, all remote programming has been erased and the remote is reset to its factory default programming.

Previous OK Next Using the Remote After it is Programmed pressing the remote's aux Input button will put the remote into the auxiliary-control mode, and it will control the auxiliary component(s) via the codes you have programmed into it. to switch the remote back to the BDS receiver-control mode from the auxiliary-control mode, press any of the other Input buttons or the Home button. after setting the language you want the on-screen menus to appear in, press the ok button and the Wizard's tV-resolution screen will appear. Setup Wizard Please select the highest resolution that your TV supports. If you are unsure, select 'Auto'.

Upon making a selection the screen will be changed to the chosen resolution. You will be presented with the option to continue with the new resolution or 'Cancel' to return to the previous resolution. If the screen remains blank, please wait 15 seconds without pressing anything and the system will automatically return to the previous resolution.



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· 5.1: this configuration consists of front left, front right, center, surround left and surround right speakers, plus a subwoofer. 17 ENglish BDS 270/BDS 570 EZ Set/EQ: the BDS receiver's eZSet/eQTM system uses the supplied ezSet/eQ microphone to perform this important step automatically. Before beginning, be sure you have correctly connected your speakers to the BDS receiver. **IMPORTANT:** Press the remote's "Disc" input button before performing the EZ Set/EQ procedure. The EZ Set/EQ procedure is only available when the Disc input is selected. 1. plug the supplied ezSet/eQ microphone into the BDS receiver's Headphone connector.

Setting Up the Receiver 6. press the right cursor button to select ezSet/eQ, then use the cursor buttons to select the configuration of your speaker system. Audio Settings Tone Controls Audio Output Speaker Settings EzSet/EQ Manual Configuration Off 2.0 2.1 3.1 5.1 The EzSet/EQ automatic setup can calibrate the BDS system and configure the loudspeakers parameters automatically to get the best sound performance. 2. place the microphone at ear height in your main listening position. 3. press the remote control's Home button. the receiver's Home Menu screen will appear on the tV. Home Menu Blu-ray Disc FM Radio HDMI input Component input Playlist Settings 1/5 HOME 7. press the ok button, then press it again to select continue in the ezSet/eQ (automatic Setup) box that appears. Audio Settings Tone Controls Please plug the EzSet/EQ into the system and Off microphone Audio Output then place it at ear level at your desired listening 2. 0 Manual Configuration Type: Settings position. If a Subwoofer is connected, set the level control Speaker Settings (on the Sub) to half. EzSet/EQ(Automatic Setup) 2.1 Cancel Continue 3.1 5. 1 Exit OPTIONS Option The EzSet/EQ automatic setup can calibrate the BDS system and configure the loudspeakers parameters automatically to get the best sound performance. 4. use the cursor and ok buttons to highlight and select Settings. the general Settings menu will appear. 8. remain silent while the test noise plays through the speakers. as the test noise circulates among the speakers the screen will show which speaker is being tested. General Settings System Language Playback Parental Control Network Audio Settings EzSet/EQ(Automatic Setup) L C R R S Testing...

Please keep room silent. LS SUB Select to adjust general settings The current testing speaker is L 5. use the right cursor button to select audio Settings, then use the down cursor button to select Speaker Settings. the Speaker Settings screen will appear. 9. When the testing process is completed, the "testing..." message on the screen will change to "all test done!" 10. press the clear/exit button to exit the ezSet/eQ test procedure.

note: If the test fails, the "testing..." message on the screen will change to "test failed, please make sure the speaker is connected correctly and room is silent, then retest." press the clear/exit button, make sure all speakers are correctly connected and perform the test again from Step 6.

Make sure that the room remains silent during the test. Audio Settings Tone Controls Audio Output Speaker Settings EzSet/EQ Manual Configuration 2.0 2.0 Select to adjust speaker settings 18 BDS 270/BDS 570 Manual Configuration: after you select your speaker system's configuration, the speaker setup screen will appear: Setting Up the Receiver and Using the Receiver Audio Settings Tone Controls Audio Output Speaker Settings LS SUB L C R RS 7. press the cursor Down button.

the subwoofer will be highlighted. press the ok button. the Level and Distance screen will appear. 8. repeat Steps 2 7 for the center speaker, surround speakers and subwoofer. 9. When you have entered the distances to all of your system's speakers, press the clear/exit button repeatedly to return to the Home Menu screen. note: Leave all the speaker levels set at "0" for now. you will be able to adjust the individual speaker levels once your system is set up and you're playing music or films. See Adjusting Individual Speaker Volumes, on page 20.

Information Menu Information L (0.0 dB, 0.9m/3 ft) R (0.0 dB, 0.9m/3 ft) Setting the speaker distances: 1. the front left and front right speakers will be highlighted. press the ok button. the Level and Distance selection screen will appear. Software Version: BDS_X70 V2.01.

16 MAC Address: 00 -1B -44 -12 -1D Select to browse system information Audio Settings Tone Controls Audio Output Speaker Settings LS L C R RS the Information menu will display the receiver's software/firmware version number and the receiver's factory-assigned network Mac address. this screen is for information only and has no user adjustments. Level Distance SWI Using the Receiver note: Before using your new BDS receiver, be sure to set the speaker distances, as explained in Audio Settings: Speaker Settings, on page 17. L (0.0 dB, 0.

9m/3 ft) R (0.0 dB, 0.9m/3 ft) Home Menu press the Home button to display the Home Menu screen: Home Menu Blu-ray Disc 2. press the cursor Down button to highlight Distance, and press the ok button. the Distance adjustment bars will appear.

Audio Settings Tone Controls Audio Output Speaker Settings LS L C FM Radio HDMI input R RS Component input Playlist Settings 1/5 HOME Type: Settings L R SWI 10 8 Exit OPTIONS Option L (0.0 dB, 3.0m/10 ft) R (0.0 dB, 2.4m/8 ft) 3. Measure the distance from the listening position to each of your system's speakers, including the subwoofer. Write down the distances. 4. use the cursor Left and right buttons to adjust the "L" bar until it shows the distance you measured to the front left speaker (the arrowheads indicate which speaker is being adjusted). 5.

press the cursor Down button to highlight the "r" bar. use the cursor Left and right buttons to adjust the bar until it shows the distance you measured to the front right speaker. 6. press the clear/exit button twice to return to the speaker setup screen (the front left and front right speakers will still be highlighted). the available sources are listed on the left. If a disc has been inserted into the receiver's built-in disc slot, it will appear on the list as either "cDDa" (cD), "DVD Video" (DVD) or "Blu-ray Disc." If you have inserted a uSB device into the receiver's uSB port, it will appear on the list as "uSB." note: Digital and analog audio sources connected to the receiver's rear-panel digital and line inputs will not appear on the list but can be selected using the remote's "aux" Input button (see Listening to Audio Sources, on page 24). 19 ENglish BDS 270/BDS 570 to select a source from the list, use the cursor up/Down buttons to highlight the desired source, then press the ok button to select it.



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you can also select a source directly by pressing its Input button on the remote.

EJECT POWER TV Using the Receiver 5. Make sure that Level is highlighted, and press the ok button. the Volume adjustment bars will appear. DISC RADIO BRIDGE AUX HDMI1 HDMI2 HDMI3 COMPONENT Input Buttons Audio Settings Tone Controls Audio Output Speaker Settings LS L C 1 2 5 8 0 SURROUND 3 6 9 DISPLAY 4 7 REPEAT R RS HOME OPTIONS L R SW1 2 0 OK CLEAR/EXIT TOP MENU POP-UP + VOLUME + MUTE CHANNEL PROGRAM BOOKMARK THUMBNAIL ZOOM L (0.0 dB, 3.

0m/10 ft) R (0.0 dB, 2.4m/8 ft) to use the playlist function, see Using Playlists, on page 26. Adjusting Individual Speaker Volumes you can adjust the volumes of the system's individual speakers while you're listening to music. 1.

press the Home button and use the cursor and ok buttons to select Settings. the Settings menu will appear. 2. Select the audio Settings option. the audio Settings menu will appear. 3. Select Speaker Settings, then select Manual configuration, and then select your system's speaker configuration. after you select your system's configuration, the speaker setup screen will appear. Audio Settings Tone Controls Audio Output Speaker Settings LS SUB L C R RS L (0.0 dB, 0.

9m/3 ft) R (0.0 dB, 0.9m/3 ft) 4. the front left and front right speakers will be highlighted. to adjust either of them, press the ok button. to adjust a different speaker, use the cursor buttons to highlight it, and press the ok button. the Level and Distance selection screen will appear. 6. Select the speaker you want to adjust, and use the left and right arrow buttons to adjust its volume. you can vary the volume from +10dB to 10dB, in 1dB increments.

7. press the clear/exit button twice to return to the speaker setup screen (the front left and front right speakers will still be highlighted). to adjust the volume of a different speaker, use the cursor buttons to highlight it and press the ok button. repeat Steps 5 6 for that speaker. 8.

When you are finished adjusting the volumes of all of your system's speakers, press the clear/exit button repeatedly to return to the Home Menu screen. Notes on Setting Speaker Volumes in 5.1-Channel Systems: While setting your system's individual speaker volume levels is ultimately up to your personal taste, here are some ideas you may find helpful: · for films and video-music programs, your overall goal should be to create an enveloping, realistic sound field that draws you into the film or music program without drawing your attention away from the action on the screen. · for multichannel music recordings, some music producers will create a sound field that places the musicians all around you; others will create a sound field that places the musicians in front of you, with more subtle ambience in the surround speakers (as you would experience in a concert hall). · In most 5.

1-channel films, the surround channels are not intended to be as loud or as active as the front channels. adjusting the surround speakers so they are always as loud as the front channels could make dialogue difficult to understand and will make some sound effects sound unrealistically loud. Notes on Setting

Subwoofer Volume: · Sometimes the ideal subwoofer volume setting for music is too loud for films, while the ideal setting for films is too quiet for music. When setting the subwoofer volume, listen to both music and films with strong bass content and find a "middle ground" volume level that works for both. · If your subwoofer always seems too loud or too quiet, you may want to place it in a different location. placing the subwoofer in a corner will always tend to increase its bass output, while placing it away from any walls or corners will always tend to lessen its bass output. IMPORTANT: Do not turn the receiver's volume up to or past the point where the audio from the speakers becomes distorted. Doing so can damage the speakers. Audio Settings Tone Controls Audio Output Speaker Settings LS L C R RS Level Distance SW1 L (0.0 dB, 0.

9m/3 ft) R (0.0 dB, 0.9m/3 ft) 20 BDS 270/BDS 570 Surround-Sound Modes your BDS receiver can decode and play audio programs in these native audio formats: · Dolby Digital · Dolby Digital plus · Dolby trueHD · DTS Digital · DTS-HD High resolution audio · DTS-HD Master audioTM · pcm · Mp3: 320kbps 320kbps bitrates, including variable bitrate encoding the audio formats available for any particular program depend on the program and on how you have configured your BDS receiver in the Audio Settings menu: Using the Receiver and Using the Disc Player Using the Disc Player · to keep the disc clean, handle the disc by its edge. Do not touch the surface. ENgllsh 21 Disc Handling Precautions Available Audio Formats 2.0- and 2.1 Channel Setup Configuration 2.1-Channel Programs Dolby Virtual Speaker Wide (default)/Dolby Virtual Speaker reference/Stereo Dolby Virtual Speaker Wide (default)/Dolby Virtual Speaker reference/Stereo 3.1-Channel Setup Configuration Dolby pLII Movie (default)/Dolby pLII Music/Dolby Virtual Speaker Wide/Dolby Virtual Speaker reference/Stereo original (default)/ Dolby Virtual Speaker Wide/Dolby Virtual Speaker reference 5.1-Channel Setup Configuration Dolby pLII Movie (default)/Dolby pLII Music/Dolby Virtual Speaker Wide/Dolby Virtual Speaker reference/Stereo original (default)/ Dolby pLII Movie/ Dolby pLII Music/ Dolby Virtual Speaker Wide/Dolby Virtual Speaker reference/Stereo original (default)/ Dolby Virtual Speaker Wide/ Dolby Virtual Speaker reference · Do not stick paper or tape on the disc.

If there is glue (or a similar substance) on the disc, remove the substance completely before using the disc. · Do not expose the disc to direct sunlight or heat sources such as hot air ducts or leave it in a car parked in direct sunlight, as there can be a considerable rise in temperature inside the car. · after playing, store the disc in its case. · Do not write on the label side with a ball-point pen or other sharp writing utensils. · Be careful not to drop or bend the disc.

Disc Cleaning Precautions · Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out. · Do not use solvents such as benzene, thinner, commercially available cleaners or anti-static spray intended for vinyl Lps. Regional Coding your BDS receiver is designed to be compatible with region management information that is encoded on most Blu-ray Disc recordings and DVD recordings. If there is a region code on a disc other than the one your BDS receiver is designed for, it will not play in your BDS receiver.

See the sidebar box on page 4 for complete information about your receiver's region coding. 3.



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