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You can read the recommendations in the user guide, the technical guide or the installation guide for KENWOOD KRF-V6300D. You'll find the answers to all your questions on the KENWOOD KRF-V6300D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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KENWOOD

AUDIO VIDEO CONTROL CENTER

KRF-V6300D

INSTRUCTION MANUAL

Kenwood Corporation



Declaration of Conformity with regard to
the EMC Directive 2004/108/EC

Manufacturer:
Kenwood Corporation
2167-3 Inokawa-machi, Ina-city-shi, Tokyo, 410-8525 Japan
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RDS

HDMI

© 860-5772-00/00 (E/ X)



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Manual abstract:

@@@ Contact your local authority for details in locating a recycle facility nearest to you. Proper recycling and waste disposal will help conserve resources whilst preventing detrimental effects on our health and the environment. Notice: The sign "Pb" below the symbol for batteries indicates that this battery contains lead. AM loop antenna (1) Remote control unit (1) RC-R0517 Batteries* (R03) (2) * Batteries are attached to the packing material. Safety precautions WARNING : TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN If any accessories are missing, or if the unit is damaged or fails to operate, notify your dealer immediately. If the unit was shipped to you directly, notify your shipper immediately. Kenwood recommends that you retain the original carton and packing materials in case you need to move or ship the unit in the future. Keep this manual handy for future reference. CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).

NO USER-SERVICEABLE PARTS INSIDE. 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. 2 KRF-V6300D B60-5772-00_00_EN.

2 08.7.24 1:29:05 PM IMPORTANT SAFETY INSTRUCTIONS Caution : Read this page carefully to ensure safe operation. Read Instructions – All the safety and operating instructions should be read before the product is operated. Retain Instructions – The safety and operating instructions should be retained for future reference.

Heed Warnings – All warnings on the product and in the operating instructions should be adhered to. Follow Instructions – All operating and use instructions should be followed. 1. Cleaning – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning. 2. Attachments – Do not use attachments not recommended by the product manufacturer as they may cause hazards. 3. Water and Moisture – This product shall not be exposed to dripping and splashing – for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

Do not place an object containing liquid, such as a flower vase, on the appliance. 4. Accessories – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn. 5. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered.

The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. 6. Power Sources – This product should be operated only from the type of power source indicated on the product. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

7. 12. Servicing – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel. 13.

Damage Requiring Service – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: a) When the power-supply cord or plug is damaged, b) If liquid has been spilled, or objects have fallen into the product, c) If the product has been exposed to rain or water, d) If the product does not operate normally by following the operating instructions. e) If the product has been dropped or damaged in any way, and f) When the product exhibits a distinct change in performance – this indicates a need for service. g) If an abnormal smell or smoke is detected. 14.

Replacement Parts – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards. 15. Safety Check – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition. 16. Wall or Ceiling Mounting – This product should be mounted to a wall or ceiling only as recommended by the manufacturer.

17. Heat – This product should be situated away from heat sources such as radiators, heat registers, stoves, or other products that produce heat. Do not place a flaming object, such as a candle or lantern, or near the product. 18. Power Lines – An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal. 19. Outdoor Antenna Grounding – If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard 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 for the grounding electrode. CAUTION – Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other).

This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug.



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... 38 Recording mode setting in digital audio source recording Recording audio (analog sources) Recording video HDMI, the HDMI logo and High-
Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC. Manufactured under license from Dolby Laboratories.
Dolby, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories. Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674;
5,974,380; 5,NTROL LISTEN MODE SETUP SOUND BAND STRAIGHT INPUT MODE DECODE INPUT SELECTOR PURE AUDIO MODE AV AUX
PHONES EASY SETUP MEMORY AUTO/MONO DIMMER ACTIVE EQ VIDEO L-AUDIO-R 1 (power) key Standby indicator Switch the unit ON and

standby. When the unit is in standby mode, the standby indicator is lit.

MEMORY key \$ BAND key fi Standby mode While the standby indicator is lit, a small amount of power is supplied to the system to back up the memory. This is called standby mode. Under the condition, the system can be turned ON by the remote control unit. Use for manual memory of radio stations. Use to select the broadcast band. 2 Display 3 Surround LED indicators DTS indicator Light when in the DTS mode. % AUTO/MONO key DOLBY DIGITAL indicator Light when in the Dolby Digital mode. ^ STRAIGHT DECODE key & DIMMER key Use to select the auto tuning or manual tuning mode. > Use to select a recording mode. ° ¶ w § · STRAIGHT DECODE indicator Light when in the STRAIGHT DECODE mode.

Use to switch the straight decode mode on/off. Use to switch the brightness of the display and indicators. Use to select the input mode. Use to select ACTIVE EQ setting. Use to select the input sources. ACTIVE EQ indicator 4 Remote sensor 5 VOLUME CONTROL knob 6 PHONES jack 7 SPEAKERS A/B/OFF key 8 LISTEN MODE knob 0 SETUP key Use for headphone listening. Light when in the ACTIVE EQ mode. * INPUT MODE key (ACTIVE EQ key) INPUT SELECTOR knob Use to select the front speaker, or select not to use the front speaker. j PURE AUDIO MODE key • PURE AUDIO MODE indicator Use to switch the PURE AUDIO MODE ON/OFF. When this mode is on, the PURE AUDIO MODE indicator is lights up.

Use to select AV AUX source. ✕ 9 MULTI CONTROL knob ! EASY SETUP key @ SOUND key Use to set up this unit. Use to select the listen mode. Use to control a variety of settings. ™ j · ™ AV AUX key £ AV AUX jack Use for easy setup of the speakers.

Use to adjust the sound quality and ambience effects. Use to connect a device such as a camcorder and a game player. 6 KRF-V6300D B60-5772-00_00_EN.indd 6 08.7.

24 1:29:10 PM Display PTY indicator Lights up when searching a radio station by program type. RDS indicator Speaker indicator The indicator(s) corresponding to the front speakers in use lights up. Lights up when receiving an RDS station. AUTO DETECT indicator Lights up when the input mode is set to "Auto". AUTO indicator Lights up when the tuning mode is "Auto". Band indicators Lights up the selected broadcast band indicator. Character display Input channel indicator The indicators corresponding to the input channels used in the currently played music/video light up. Listen mode/ Input signal format indicators ST. indicator Lights up when stereo broadcasting is tuned. TUNED indicator Lights up when a radio station is tuned.

TONE indicator Lights up when the tone setting is on. MUTE indicator Blinks when muting is on. CLIP indicator Lights up when the input level is too high. English 7 B60-5772-00_00_EN.indd 7 08.7.24 1:29:11 PM Names and functions of parts Remote control unit 4 PTY key AUTO MEMORY MEMORY ANGLE REPEAT DVD RECEIVER fl Use for PTY search.



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Use to operate the Kenwood DVD player.* Use to call up preset stations. Use to operate the Kenwood DVD player.

* SUBTITLE key 5 Numeric keys RDS DISP. AUDIO PTY SUBTITLE DIMMER ACTIVE EQ 6 LISTEN MODE key BASS BOOST ⌘ • 7 PURE AUDIO MODE key 8 5, ∞, 2, 3 keys ENTER key TOP MENU key MENU key RETURN key ON SCREEN key Use to select a listen mode. Use to switch the PURE AUDIO MODE ON/OFF. TONE SOUND EASY SETUP SETUP 9 8 key Use to operate the Kenwood DVD player.* Use to operate the Kenwood DVD player.

* BAND key LISTEN MODE PURE AUDIO MODE MULTI CONTROL › Use to select the broadcast band. 6 key Use to operate the Kenwood DVD player.* AUTO/MONO key TOP MENU MENU › Use to select the auto tuning or manual tuning mode. 7 key 0 P.CALL 4/¢ keys ENTER Use to operate the Kenwood DVD player.

* Use to call preset channel. fl Use to operate the Kenwood DVD player.* ! RETURN BAND MUTE ON SCREEN RECEIVER key Use to turn this unit on and off. DVD key @ ACTIVE EQ key # DIMMER key Use to turn the Kenwood DVD player on and off. · w · · , ™ j Use to select ACTIVE EQ setting. Use to adjust the brightness of the display and the indicators. Use to select the maximum adjustment setting for the low frequency range. Use to switch the status of TONE control. Use to adjust the sound quality and ambience effects. Use to select the speakers' settings.

Use to select speaker setting. Select an setup item. \$ BASS BOOST key % TONE key TUNER CD/DVD MD/TAPE AV AUX VIDEO 1 VIDEO 2 DVD/6CH ^ SOUND key & SETUP key * EASY SETUP key 1 AUTO MEMORY key ANGLE key fi (MULTI CONTROL ∞/5 keys Use for auto memory of RDS and FM radio stations. Use to operate the Kenwood DVD player.*) VOLUME %/fi keys j MUTE key Use to adjust volume setting. w › 2 MEMORY key REPEAT key fi Use for manual memory of radio stations. Use to operate the Kenwood DVD player.* ™ TUNING 1/; keys £ Input source keys Use to temporarily mute the sound. Use to select the radio station. Use to operate the Kenwood DVD player.

* Use to select the input source. 3 RDS DISP. key AUDIO key ‡ Use to display RDS information. Use to operate the Kenwood DVD player.* 8 KRF-V6300D • * For how to be able to use the keys to operate the Kenwood DVD player, see <Remote control operations for Kenwood DVD players> e.

B60-5772-00_00_EN.indd 8 08.7.24 1:29:12 PM Preparing the remote control Loading batteries α Remove the cover. Operation When the Standby indicator is lit, the power turns ON when you press [RECEIVER] on the remote control unit.

When the power comes ON, press the key you want to operate. When operating the connected components, always press the input source key of the component you need to operate first to switch the remote control unit to the selected input source mode, and then press the keys of the corresponding operation. Operating range (Approx.) Standby indicator Remote sensor Σ Insert batteries. Insert two (R03) batteries following the polarity indications. é Close the cover. Infrared ray system • The supplied batteries may have shorter lives than ordinary batteries due to use during operation checks. • When the remote-controllable distance gets shorter than before, replace both batteries with new ones. • Placing the remote sensor in direct sunlight, or in direct light from a high frequency fluorescent lamp may cause a malfunction. In such a case, change the location of the system installation to prevent malfunction.

⌘ CAUTION Do not leave the battery near fire or under direct sunlight. A fire, explosion or excessive heat generation may result. English 9 B60-5772-00_00_EN.indd 9 08.7.24 1:29:13 PM Setting up the system ⌘ CAUTION Do not connect the power cord to a wall outlet until all connections are completed. Make connections as shown in the following pages. When connecting the related system components, be sure to refer to the instruction manuals supplied with the components you are connecting. Subwoofer Center speaker Listening position Surround speaker Surround speaker Speaker placement Front speaker Front speaker • Be sure to insert all connection cords securely. If their connections are imperfect, the sound may not be produced or there will be noise interference.

• Be sure to remove the power cord from the AC outlet before plugging or unplugging any connection cords. Plugging/ unplugging connection cords without disconnecting the power cord can cause malfunctions and may damage the unit. • If this unit is installed in the proximity of a source of magnetism such as a magnet, color irregularities due to interference with the speakers may be observed on the TV screen. Be careful in the installation. Surround Back speaker (6.1ch) Surround Back speaker (7.1ch) Microcomputer malfunction If operation is not possible or an erroneous display appears, even though all connections have been made properly, reset the microcomputer by referring to <Troubleshooting>. r Front speakers: Install in the front left and right positions.

Symmetrical installation is ideal. The front speakers are always used regardless of the listen mode.

Center speaker: Install in the front center position. This speaker improves the acoustic image positioning and reproduction of sound movement. Surround speakers: Install straight on or slightly behind the left and right of the listening position, at in an as high as possible height (ideally one meter above the height of the listener's ears). Symmetrical installation is ideal. The surround speakers reproduce the feeling of movement and presence of sound. ⌘ CAUTION The power of this equipment will not be completely cut off from the wall outlet when the power switch is turned off. Install the equipment so that the wall outlet is easily accessible and, in case of emergency, immediately unplug the power cord from the wall outlet. Subwoofer: In general, install on the front center position near the front speakers. The subwoofer reproduces the powerful bass effects. As it is less directional to other speakers, it can be installed so that the bass can be reproduced best according to the listening room layout.

Surround Back speakers: ⌘ CAUTION Be sure to adhere to the following, or proper ventilation will be blocked causing damage or fire hazard. • Do not place any object on the unit that may hinder heat radiation. • Do not cover the unit with a cloth or install the unit on a carpet or mattress. • Do not install the unit in a poorly ventilated place. • Leave some space around the unit (from the largest outside dimension including projection) equal to or greater than, shown below. Top panel : 50 cm Side panel : 10 cm Back panel : 10 cm Install on the rear of the listening position, at the same height as the surround speakers.

When only one surround back speaker is installed, the system becomes a 6.1-channel surround system.



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When two surround back speakers are installed, it becomes a 7.1-channel surround system.

• Ideal surround play is possible when all of the speakers above are installed. If the center speaker and/or the subwoofer is not installed, the system optimizes playback according to the current system by assigning the sound of absent channels to other speakers. 10 KRF-V6300D B60-5772-00_00_EN.indd 10 08.7.24 1:29:14 PM Connecting components equipped with HDMI terminals This unit has HDMI terminals which let you enjoy high definition video such as Blu-ray discs. Audio connection (connection A or B) is necessary to output audio signal from the speakers connected to this unit. 1 2 3 Using an HDMI cable, connect the HDMI input terminal of this unit to the HDMI output terminal of a playback component. Connect the audio line A (digital) or B (analog). Using another HDMI cable, connect the HDMI monitor output terminal of this unit to the HDMI input terminal of the TV monitor.

It is recommended to mute the TV for the best surround sound from the speakers connected to this unit. 7 Connecting a DVD player HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN VIDEO DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN DIGITAL IN HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN DVD/6CH IN SUB WOOFER CENTER OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH VIDEO 1 OUT DVD S-VIDEO PRE OUT ANTENNA FRONT SPEAKER AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R FM 75 MD/TAPE SURROUND CD/DVD FRONT VIDEO2 R L VIDEO1 R L MD/TAPE GND AM R L R L VIDEO1 R L DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX DIGITAL IN M SURROUND CD/DVD FRONT VIDEO2 R L OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH R L R HDMI MONITOR IN B TV monitor HDMI OUT AUDIO OUT A COAXIAL DIGITAL OUT (AUDIO) DVD Player 7 Connecting a video component HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN VIDEO DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN DIGITAL IN HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN DVD/6CH IN SUB WOOFER CENTER OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH VIDEO 1 OUT DVD S-VIDEO PRE OUT ANTENNA FRONT SPEAKER AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R FM 75 MD/TAPE SURROUND CD/DVD FRONT VIDEO2 R L VIDEO1 R L MD/TAPE GND AM R L R L VIDEO1 R L DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX DIGITAL IN M SURROUND CD/DVD FRONT VIDEO2 R L OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH R L R HDMI MONITOR IN B TV monitor HDMI OUT AUDIO OUT Video component A OPTICAL DIGITAL OUT (AUDIO) • Use an HDMI-certified category 2 cable (High Speed HDMI™ Cable) for the connection. • If the resolution of the incoming video signal is different from that of the TV, no video is output. In this case, adjust the resolution on the DVD player. • An HDMI/DVI converter cable is necessary to connect a TV with a DVI input terminal. The TV also needs to be compatible with HDCP (High-bandwidth Digital Contents Protection). Note that the video may be unable to be monitored depending on the combined components. English 11 B60-5772-00_00_EN.indd 11 08.7.

24 1:29:15 PM Setting up the system Connecting a DVD player 1 2 Connect the audio line : Connection A (analog) or B (digital) Connect the video line and TV monitor : Connection C and F or Connection D and E HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN VIDEO COMPONENT VIDEO VIDEO DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN DIGITAL IN DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN VIDEO 1 OUT DVD/6CH VIDEO 1 VIDEO 2 MON OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH S-VIDEO PRE OUT ANTENNA IN FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R FM 75 MD/TAPE SURROUND CD/DVD FRONT R L VIDEO2 R L VIDEO1 R L MD/TAPE VIDEO 1 OUT + GND AM R L S-VIDEO -R RED WH VIDEO1 R L DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX DIGITAL IN M SURROUND CD/DVD FRONT VIDEO2 R L OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH R L R A B C D E F AUDIO OUT COAXIAL DIGITAL VIDEO OUT S-VIDEO OUT OUT (AUDIO) To TV Monitor S-VIDEO MONITOR IN To TV Monitor VIDEO MONITOR IN DVD player TV Monitor • If your DVD player has COMPONENT VIDEO OUT, COMPONENT VIDEO connection is possible for better video quality. (<Connecting video players (COMPONENT VIDEO connection)> ^) Connecting a DVD player with multichannel audio output terminal 1 2 Connect the audio line as shown on the right. HDMI MONITOR OUT DVD/6CH IN VIDEO Connect the video line. See <Connecting a DVD player> above for connecting the video line. DVD/6CH IN SUB WOOFER CENTER SURROUND CD/DVD FRONT R L VIDEO2 R L VID R OP CD DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY AUX AUDIO PLAY IN AUX SURROUND CD/DVD FRONT MD/T R L VIDEO2 R L SUBWOOFER OUT DVD player FRONT OUT SURROUND CENTER OUT OUT 12 KRF-V6300D

B60-5772-00_00_EN.indd 12 08.7.24 1:29:17 PM Connecting a CD player 1 Connect the audio line : Connection A (analog) or B (digital) Connecting an MD player/ a cassette player 1 Connect the audio line : Connection A and B HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN VIDEO COMPONENT VIDEO HDMI VIDEO VIDEO 2 IN COMPONENT VIDEO DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN CR MONITOR OUT CB DVD/6CH IN DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN DIGITAL IN Y OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH VIDEO 1 OUT DVD/6CH VIDEO 1 VIDEO 2 MONITOR DIGITAL IN S-VIDEO PRE OUT ANTENNA IN FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A OUT S CEN DVD/6CH IN SUB WOOFER CENTER DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH VIDEO 1 OUT DVD/6CH VIDEO 1 VIDEO 2 MON S-VIDEO PRE OUT ANTENNA IN FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R FM 75 MD/TAPE SURROUND CD/DVD FRONT VIDEO2 R L VIDEO1 R L MD/TAPE + GND AM R L FM 75 MD/TAPE SURROUND CD/DVD R RED MD/TAPE + GND AM R L -L WHITE G -R RED WH R L VIDEO1 R L FRONT R L VIDEO2 R L VIDEO1 R L VIDEO1 R L AUDIO PLAY IN R AUX DIGITAL IN ER MD/TAPE OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH AUDIO PLAY IN AUX REC OUT MD/TAPE MD/TAPE CD/DVD CD/DVD VIDEO2 R L VIDEO1 R L VIDEO2 R L VIDEO1 R L VIDEO1 R L A B A B AUDIO OUT OPTICAL DIGITAL OUT (AUDIO) AUDIO OUT CD player AUDIO IN MD player/cassette player • Connection B is not necessary if the connected component is not used for recording. English 13 B60-5772-00_00_EN.indd 13 08.

7.24 1:29:19 PM Setting up the system Connecting a video player 1 2 Connect the audio line : Connection A (analog) or B (digital) Connect the video line and TV monitor : Connection C and F or Connection D and E HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN VIDEO COMPONENT VIDEO VIDEO DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN DIGITAL IN DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN VIDEO 1 OUT DVD/6CH VIDEO 1 VIDEO 2 MON OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH S-VIDEO PRE OUT ANTENNA IN FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R FM 75 MD/TAPE SURROUND CD/DVD FRONT R L VIDEO2 R L VIDEO1 R L MD/TAPE VIDEO 1 OUT + GND AM R L S-VIDEO -R RED WH VIDEO1 R L DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY AUX DIGITAL IN OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH SURROUND CD/DVD FRONT VIDEO2 R L R L A B C D E F AUDIO OUT OPTICAL DIGITAL OUT (AUDIO) VIDEO S-VIDEO OUT OUT To TV Monitor S-VIDEO MONITOR IN To TV Monitor VIDEO MONITOR IN DVD player, etc.



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TV Monitor • If your VIDEO player has COMPONENT VIDEO OUT, COMPONENT VIDEO connection is possible for better video quality. (<Connecting video players (COMPONENT VIDEO connection)> ^) 14 KRF-V6300D B60-5772-00_00_EN.indd 14 08.

7.24 1:29:21 PM Connecting a video recorder 1 2 Connect the audio line : Connection A Connect the video line : Connection B HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN VIDEO COMPONENT VIDEO VIDEO DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN DIGITAL IN DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN VIDEO 1 OUT DVD/6CH VIDEO 1 VIDEO 2 MON OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH S-VIDEO PRE OUT ANTENNA IN FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R FM 75 MD/TAPE SURROUND CD/DVD FRONT R L VIDEO2 R L VIDEO1 R L MD/TAPE VIDEO 1 OUT + GND AM R L S-VIDEO -R RED WH VIDEO1 R L AUDIO PLAY IN AUX REC OUT MD/TAPE MD/TAPE CD/DVD IDEO2 L VIDEO1 R L VIDEO1 R L A B AUDIO OUT AUDIO IN VIDEO IN VIDEO OUT DVD recorder or video recorder, etc. English 15 B60-5772-00_00_EN.indd 15 08.7.

24 1:29:22 PM Setting up the system Connecting video players (COMPONENT VIDEO connection) Connecting a DVD player is described as an example. 1 2 Connect the audio line : See <Connecting a DVD player> @ and make the audio connection. Connect the video line and TV monitor as shown below. HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN VIDEO COMPONENT VIDEO COMPONENT VIDEO DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN CR CB CR DIGITAL IN Y OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH VIDEO 1 OUT DVD/6CH VIDEO 1 VIDEO 2 MONITOR CB SURROU CENTER S-VIDEO PRE OUT ANTENNA IN FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A OUT DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R Y DVD/6CH VIDEO 1 VIDEO 2 MONITOR FM 75 MD/TAPE SURROUND CD/DVD FRONT R L VIDEO2 R L VIDEO1 R L MD/TAPE + GND AM R L IN OUT -R RED VIDEO1 R L L WHITE GREEN VIDEO OUT COMPONENT VIDEO MONITOR IN DVD player TV Monitor • Connect the same way for the VIDEO 1 and VIDEO 2 terminals. • If the DVD player has 6 channel output, connecting to DVD/6CH IN terminals is possible. (<Connecting a DVD player with multichannel audio output terminal> @) • If some of the video equipment are connected to the COMPONENT terminals and the rest are connected to the normal (composite) VIDEO terminals, make sure to connect the TV to the MONITOR OUT terminals of both COMPONENT VIDEO and VIDEO. • Depending on the type of TV, it may be necessary to switch the input of the TV according to the type of video input (COMPONENT input or VIDEO (COMPOSITE) input). Refer to the instruction manual of your TV for more information. 16 KRF-V6300D B60-5772-00_00_EN.indd 16 08.

7.24 1:29:23 PM Connecting the antennas The broadcast reception cannot be made unless the antennas are connected. Connect the antennas correctly as instructed below. HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN VIDEO COMPONENT VIDEO DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN DIGITAL IN OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH VIDEO 1 OUT DVD/6CH VIDEO 1 VIDEO 2 MON S-VIDEO PRE OUT ANTENNA IN FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R FM 75 MD/TAPE SURROUND CD/DVD FRONT R L VIDEO2 R L VIDEO1 R L MD/TAPE + GND AM R L -R RED WH VIDEO1 R L Use an antenna adapter (commercially available) FM outdoor antenna (commercially available) ANTENNA FM 75 FM indoor antenna GND AM AM loop antenna AM loop antenna Place the supplied loop antenna as far as possible from the receiver, TV set, speaker cords and power cord. Adjust the direction for best reception. FM indoor antenna The supplied indoor antenna is for temporary use only. For stable signal reception we recommend using an outdoor antenna. Disconnect the indoor antenna when you connect one outdoors. æ Attach to the stand. æ Insert the antenna cord.

Σ Push the lever. Σ Fix the antenna on the wall. é Insert the antenna cord. FM outdoor antenna Lead the 75Ω coaxial cable connected to the FM outdoor antenna into the room and connect it to the FM 75Ω terminal. ® Release the lever.

† Place the antenna and adjust the direction. English 17 B60-5772-00_00_EN.indd 17 08.7.24 1:29:24 PM Setting up the system Connecting the speakers Surround Back speakers Left Right Powered subwoofer PRE OUT SUB WOOFER SURROUND BACK L/ MONO For 6.

1-channel speaker configuration, connect the surround back speaker to this terminal (with power amplifier connected in between). Select "BS MONO" in the speaker setup £. HDMI MONITOR OUT DVD/6CH IN VIDEO 2 IN SURROUND BACK R Power Amplifier VIDEO COMPONENT VIDEO CR DVD/6CH VIDEO 2 MONITOR IN IN OUT VIDEO 1 IN CB DIGITAL IN Y OPTICAL OPTICAL COAXIAL CD/DVD VIDEO 2 DVD/6CH VIDEO 1 OUT DVD/6CH VIDEO 1 VIDEO 2 MONITOR S-VIDEO PRE OUT ANTENNA IN FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A OUT SURROUND SPEAKERS (6-16) CENTER SURROUND DVD/6CH IN SUB WOOFER CENTER AUDIO PLAY IN AUX REC OUT SUB WOOFER SURROUND BACK L/ MONO SURROUND BACK R FM 75 MD/TAPE SURROUND CD/DVD FRONT R L VIDEO2 R L VIDEO1 R L MD/TAPE + GND AM R L + -R RED -L WHITE GREEN VIDEO1 R L R GRAY L BLUE FRONT SPEAKERS (6-1) SPEAKER B SPEAK FRONT SPEAKERS (6-16) SPEAKER B SPEAKER A SURROUND SPEAKERS (6-16) CENTER SURROUND + -R L R RED + -R L R RED + -L WHITE GREEN R GRAY L BLUE Right Left Right Right Left Front speakers A Left Surround speakers Front speakers B Center speaker • Speaker impedance After confirming the speaker impedance indications printed on the rear panel of the receiver, connect speakers with matching impedance ratings. Using speakers with a rated impedance other than that indicated on the rear panel of the receiver could result in malfunctions or damage to the speakers or the receiver. 18 KRF-V6300D B60-5772-00_00_EN.indd 18 08.7.24 1:29:26

PM Connecting the terminals Screw type terminal æ Strip coating. • Never short circuit the + and - speaker cords. • If the left and right speakers are connected inversely or the speaker cords are connected with reversed polarity, the sound will be unnatural with ambiguous acoustic imaging.

Be sure to connect the speakers correctly. Σ Loosen. é Insert the cord. ® Secure. Push type terminal æ Strip coating. Σ Push the lever. é Insert the cord. ® Return the lever. English 19 B60-5772-00_00_EN.indd 19 08.

7.24 1:29:27 PM Setting up the system Connecting to the AV AUX jacks A component that is usually not connected to this unit, such as a portable video camera, can be connected to the [AV AUX] jacks on the front panel of this unit.



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VOLUME CONTROL ACTIVE EQ INPUT SELECTOR NPUT MODE PURE AUDIO MODE AV AUX VIDEO ACTIVE EQ VIDEO L-AUDIO-R L-AUDIO-R VIDEO OUT AUDIO OUT Portable video camera, game player, and etc. (commercially available) Turning this unit ON R B SURROUND SPEAKERS (6-16) CENTER SURROUND + -R GREEN GRAY L BLUE RECEIVER 1 2 After completing all of the necessary connections, connect the power cord to a wall power outlet. The standby indicator on the front panel lights red to indicate the standby mode.

Press the [(Power)] key of this unit or the [RECEIVER] key of the remote control unit to turn this unit ON. The standby indicator on the front panel goes out and the display panel lights up. To turn this unit OFF (standby mode) Press the [(Power)] key on this unit or the [RECEIVER] key on the remote control unit. 20 KRF-V6300D B60-5772-00_00_EN.indd 20 08.

7.24 1:29:29 PM Speaker setup (Easy Setup) The speaker setup can be completed by simply selecting the room type and listening position. The audio will be corrected automatically according to the characteristics of the speaker system in use. If more detailed speaker settings are required, use the procedure in <Speaker setup flow> TM. ® Use [MULTI CONTROL ∞/5] to select your listening position. FRONT CENTER REAR MULTI CONTROL EASY SETUP EASY SETUP MULTI CONTROL / † Press [EASY SETUP]. The speakers are set up as shown below. - Subwoofer : ON - Front speaker: Average size - Center speaker: Average size - Surround speaker: Average size - Subwoofer re-mix* : ON * The function for adding the bass of other channels to the subwoofer channel according to the speaker setup. æ Press [EASY SETUP] to enter the easy setup mode. ∑ Use [MULTI CONTROL ∞/5] to select your room type.

5m (16'5-3/8") 4m (13'1-7/8") • Easy setup with may not be appropriate with certain speaker systems or listening environment. In this case, go through <Speaker setup (Detailed Setup)> TM. • Easy setup can set only the 5.1 channel system. If the setup for the 6.1-channel or 7.1-channel system is required, go through <Speaker setup (Detailed Setup)> TM. 7m (23'3/8") 3m (9'10-3/8") 6m (19'8-7/8") 4m (13'1-7/8") 12m2 SMALL 24m2 MEDIUM 35m2 LARGE é Press [EASY SETUP]. English 21 B60-5772-00_00_EN.indd 21 08.

7.24 1:29:30 PM Speaker setup (Detailed Setup) Speaker setup flow The detailed settings below allow you to enjoy full performance of the receiver according to the environment of your listening room. Speaker settings consist of 6 elements. Getting into the setup mode The setup procedure is identical for all of the setting elements. Once you remember the following procedure, you can easily set up other setting elements.

Speaker Setup ("SP SETUP") £ Select whether each speaker channel is used or, if used, its size. The Easy Setup function also allows you to make speaker settings easier. See <Speaker setup (Easy Setup)> ; SETUP MULTI CONTROL / Test Tone ("TEST TONE") é Select the output level from each speaker.

Distance ("DISTANCE") ç Select the distance between each speaker and the listening position. æ Press [SETUP] to enter the setup mode.

∑ Use [MULTI CONTROL ∞/5] to select the element to setup. Display "SP SETUP" "TEST TONE" "DISTANCE" "CROSS OVER" "LFE LVL" "AUDIO DELAY" "EXIT" Setting Speaker setup Test tone Distance Crossover Low frequency effects level Audio delay Exit the setup mode. Crossover ("CROSS OVER") ∞ Set the lower limit of the bass frequencies reproduced from the speakers set to "NML" in the <Speaker Setup>. The frequencies below the frequency set here are distributed to other speakers (those set to "LRG" and the subwoofer). Low Frequency Effects Level ("LFE LVL") ∞ Select the level of bass audio enhancement. Low Frequency Effect channel delivers separate non-directional bass signals to the subwoofer for more dynamic deep bass sound effects. é Press [SETUP] to get into the setup mode of the selected element. ® Perform setup by referring to the page describing the selected item. Audio Delay (Lip Sync) ("AUDIO DELAY") ∞ Adjust the deviation in time between the video and audio. To exit the setup mode Select "EXIT" in the step ∑ and press [SETUP].

Speaker settings completed! • The [SETUP] key and [MULTI CONTROL] knob on the front panel can also be used to select the item in the setup mode. 22 KRF-V6300D B60-5772-00_00_EN.indd 22 08.7.24 1:29:32 PM Speaker setup ("SP SETUP") This sets up the speakers according to the speaker system in use. Speaker setup is required every time the speaker system is changed. æ See <Getting into the setup mode> (TM) and select "SP SETUP". ∑ Use [MULTI CONTROL ∞/5] to select the subwoofer setting. Speaker Subwoofer Display "SUBW ON" "SUBW OFF" Setting With Subwoofer Without Subwoofer é Press [SETUP]. ® Repeat steps ∑ - é for the rest of the speaker setting.

Speaker Front speaker Display "FRNT LRG" "FRNT NML" "CNTR NML" Center speaker "CNTR LRG" "CNTR OFF" "SURR NML" Surround speaker "SURR LRG" "SURR OFF" "BS LRG" "BS NML" Surround Back speaker "BS OFF" "BS L/R"*1 "BS MONO"*1 Subwoofer remix*2 "RMX ON" "RMX OFF" Setting Large size front speaker Average size front speaker Average size center speaker Large size center speaker No center speaker is connected. Average size surround speaker Large size surround speaker No surround speaker is connected. Large size surround back speaker Average size surround back speaker No surround back speaker is connected. Left and Right Surround Back speakers are connected. Only one Surround Back speaker is connected.

Subwoofer re-mix is on. Subwoofer re-mix is off. • Reference for speaker size "LRG" : A speaker with a sufficient bass reproduction capability (a speaker with a large woofer or a large cabinet size). "NML" : A speaker with a lower bass reproduction capability than the "LRG" speakers (the bass frequencies will be output from the speakers set to "LRG" and the subwoofer). If you cannot identify the size of a speaker, it is recommended to set it to "NML".

• When "SUBW OFF" is selected, the front speakers are automatically set to "FRNT LRG". • For "FRNT LRG" selection, no sound will be heard from subwoofer even it is set to ON. However, if you select "RMX ON", you will be able to hear sound from the subwoofer. • When in STEREO mode, the sound goes directly to front speakers.



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• If "FRNT NML" is selected, "LRG" cannot be selected for the other speakers. • If "CNTR NML" or "CNTR OFF" is selected, "SURR LRG" cannot be selected. • If "SURR OFF" is selected, no surround back speaker can be selected. • "BS LRG" cannot be selected unless "SURR LRG" is selected. • If "BS MONO" is selected, surround back signal can only be output at the SURROUND BACK L terminal. *1 This selection is available when either "BS LRG" or "BS NML" is selected.

*2 The function for adding the bass of other channels to the subwoofer channel according to the speaker setup. † Go to the next setting, "TEST TONE". If you wish to exit the setup mode, see <To exit the setup mode> TM. English 23 B60-5772-00_00_EN.indd 23 08.7.24 1:29:32 PM Speaker setup (Detailed Setup)
Adjusting the speaker level ("TEST TONE") From your usual listening position, adjust the volume output of each speaker. The output level from each speaker should be the same. Distance setting ("DISTANCE") This sets the distance from each speaker to the listening position. α Measure the distance from the listening position to each speaker and jot down in the table below.

Speaker Front speaker (left) Center speaker (right) Surround speaker (right) Surround Back speaker (left) Surround Back speaker* Surround speaker (left) Subwoofer Input channel indicator "L" "C" "R" "RS" "BS" "BS" "LS" "SW" Distance from the listening position feet (meters) feet (meters) feet (meters) feet (meters) feet (meters) feet (meters) feet (meters) feet (meters) feet (meters) feet (meters) α See <Getting into the setup mode> (TM) and select "TEST TONE". ∑ Use [MULTI CONTROL ∞/5] to select either "AUTO" or "MANUAL". Display "AUTO" "MANUAL" Setting The test tone is heard from the speakers one after another with 2 seconds each. The test tone is heard from the speaker you have selected. é Press [SETUP].

Ⓡ Adjust the output level. If you select "AUTO": When you hear the test tone from the speaker which you wish to adjust, use [MULTI CONTROL ∞/5] and adjust the volume of the test tone. When you finish adjusting, press [SETUP]. * This selection is available when "BS MONO" is selected in the speaker setup. ∑ See <Getting into the setup mode> (TM) and select "DISTANCE".

é Use [MULTI CONTROL ∞/5] to select the distance to the front speaker. Adjustment will start from front left speaker. Input channel indicator If you select "MANUAL": Use [MULTI CONTROL ∞/5] to adjust the volume of the test tone and press [SETUP]. You will hear the test tone from the next speaker. Ⓡ Press [SETUP]. † Go to the next setting, "DISTANCE". If you wish to exit the setup mode, see <To exit the setup mode> TM. † Repeat steps é – Ⓡ to input the distance for the rest of the speaker. ¥ Go to the next setting, "CROSS OVER". If you wish to exit the setup mode, see <To exit the setup mode> TM.

24 KRF-V6300D B60-5772-00_00_EN.indd 24 08.7.24 1:29:33 PM Crossover ("CROSS OVER") The crossover frequency is the lower limit of the bass frequencies reproduced from the speakers set to "NML" in the <Speaker Setup>. The frequencies below the set crossover frequency are output from other speakers (those set to "LRG" and the subwoofer). Audio Delay (Lip Sync) ("AUDIO DELAY") If the monitored video is delayed in time with respect to the audio from the speakers, the audio output timing can be delayed. α See <Getting into the setup mode> (TM) and select "CROSS OVER". ∑ Use [MULTI CONTROL ∞/5] to select crossover frequency. The frequency is selected from 40, 60, 80, 100, 120, 150 and 200Hz. α See <Getting into the setup mode> (TM) and select "AUDIO DELAY".

∑ Use [MULTI CONTROL ∞/5] to adjust the delay time. The delay time is adjusted from 0ms to 300ms in 10ms step. é Press [SETUP]. Ⓡ Go to the next setting, "LFE LVL". If you wish to exit the setup mode, see <To exit the setup mode> TM.

é Press [SETUP]. The setup is complete when the "EXIT" indication appears. Ⓡ Press [SETUP] to exit the setup mode. Low frequency effects level ("LFE LVL") Low frequency effect signal is used exclusively for giving the field effect of bass tone in the Dolby Digital and DTS signal. α See <Getting into the setup mode> (TM) and select "LFE LVL".

∑ Use [MULTI CONTROL ∞/5] to adjust the low frequency effect level. The level is adjusted from 0dB to -10dB in 1dB step decrements. é Press [SETUP]. Ⓡ Go to the next setting, "AUDIO DELAY". If you wish to exit the setup mode, see <To exit the setup mode> TM. English 25 B60-5772-00_00_EN.indd 25 08.7.24 1:29:34 PM Playing music or movie Preparation Some preparatory steps are needed before starting playback. INPUT SELECTOR Selecting the input mode ¶ Operation available only on the main unit.

If you have selected a component connected to the DIGITAL IN jacks (CD/DVD, VIDEO2 and DVD/6CH INPUT), make sure that the input mode setting is correct for the type of audio signal to be used. α Use [INPUT SELECTOR] to select "CD/DVD", "VIDEO2", or "DVD/6CH". LISTEN MODE SPEAKERS A/B/OFF INPUT MODE ∑ Press [INPUT MODE]. Each press switches the setting as follows: RECEIVER Display "F-AUTO"*1 "D-MANUAL" "6CH INPT"*2*3 "ANALOG"*3 Setting Full Auto Digital Manual 6ch input Analog input Input signal Digital input or Analog input Digital input DVD/6CH input Analog input LISTEN MODE *1 Factory setting. *2 "6CH INPT" setting can be switched only when the input selector is set to "DVD/6CH". *3 This cannot be selected when in DTS play mode. Full Auto ("F-AUTO"): Input source keys The unit detects the digital or analog input signal automatically. The unit selects the input mode and listen mode automatically during playback to match the type of input signal (Dolby Digital, DTS or PCM) and the speaker setting.

Normally use Full Auto. In this mode, "AUTO DETECT" indicator lights up.

@@@ Select "D-MANUAL" with such a disc. @@@@ @@@@ VOLUME / ∑ Start playback from the selected source. @@@@ é Use [VOLUME %/f] to adjust the volume. @@@@ @@@@ @@@@ ∑ Start playback from the selected source. @@@@ (Except the HDMI video signal) PURE AUDIO MODE indicator lights up.

@@@@ @@@@@ In 5.1-channel surround sound, the three front channels (Left/Center/Right) deliver crisp, clean dialogue and accurate placement of on-screen sounds, while twin surround channels (Left Surround/Right Surround) wrap around the audience and immerse them in the action.



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The LFE (Low-Frequency Effects) channel delivers real impact for explosions and other effects that can, literally, be felt as well as heard. The superior coding efficiency of Dolby Digital—and its ability to deliver high-quality discrete multichannel audio without compromising video quality has made it the designated audio standard for DVD worldwide. * The sound information contained in each of the six available channels is distinct and independent.

These six channels are described as a "5.1-channel" system, because there are five full-bandwidth channels with 3 Hz to 20 kHz frequency range for Front Left and Right, Center, and Surround, plus one "Low Frequency Effects" (LFE) subwoofer channel devoted to frequencies from 3 to 120 Hz. Dolby Pro Logic IIx Dolby Pro Logic IIx transforms any stereo or 5.1-channel signal into 6- or 7-channel, full range surround sound, creating a seamless, natural surround soundfield that immerses you in the entertainment experience. Three listening modes, Movie, Music or Game allow you to tailor the audio to meet the different needs of the programming. In Game mode, for instance, special effects signals are routed to the surround channels for fuller, dramatic impact. Music mode features three additional use controls: •Dolby Center Width adjusts the balance of the main vocals in the center and front channels. •Dolby Panorama creates a seamless, wraparound surround effect. •Dolby Dimension lets you set a deeper or shallower surround soundfield. DTS DTS Digital Surround is the standard for providing 5.

1 channels of discrete digital audio in consumer electronics products and software content. DTS can contain a larger volume of data than Dolby Digital, and can reproduce high quality surround sound. They are the same as the Dolby Digital 5.1 channels, but it is a format that lowered the audio compression rate when recording digitally. Because of that, rich sound with high S/N can be reproduced. Moreover, an exact, magnificent surround sound with wide dynamic range and excelling in separation is a feature of DTS. DTS has a ".1" or LFE channel. The indication "LFE" appears in the display when a signal is being input for this channel. Dolby Digital EX Dolby Digital EX takes the Dolby Digital 5.

1-channel setup one step further with an additional center surround channel (reproduced through one or two speakers) for extra dimensional detail and an enveloping surround sound effect. Feature films originally released in Dolby Digital Surround EX (the cinema version) carry the encoded extra surround channel in their subsequent DVD releases, as well as onto 5.1-channel digital satellite and TV broadcasts. With this receiver, you can hear Surround EX soundtracks as they were meant to be heard, with the increased realism created by the extra surround channel. DTS-ES In the cinema, the center surround channel is not discrete, but is matrixed into the left surround (LS) and right surround (RS) channels.

Embedded in the soundtrack print master, this matrixed channel works with all cinema digital sound formats. DTS calls this process Extended Surround, or "ES". Dolby Pro Logic II Dolby Pro Logic II technology processes any high quality stereo (two-channel) movie and music audio into five playback channels of full-bandwidth surround sound. A matrix surround decoding technology, Dolby Pro Logic II detects the directional cues that occur naturally in stereo content and uses these elements to create a five-channel surround sound playback experience. Dolby Pro Logic II is fully compatible with all Dolby Pro Logic technologies.

It provides optimal audio for playback in a 5.1channel home theater system for the thousands of videocassettes and TV programs encoded in four-channel Dolby Surround (the encoding counterpart to Dolby Pro Logic's decoding technology). (Dolby Pro Logic II surround Movie mode) Dolby Pro Logic II also enables video game consoles to encode five-channel surround sound information into a stereo signal with virtually no impact on the console's CPU, which means all this extra audio won't slow your game down. (Dolby Pro Logic II surround Game mode) Dolby Pro Logic II can bring new life to your CD collection. Play your music through your home theater system, and you'll hear seamless, natural sound with new depth and detail. It's almost like hearing a newly remastered CD. (Dolby Pro Logic II surround Music mode) Neo:6 Neo:6 provides up to six full-band channels of matrix decoding from stereo matrix material. Users with 6.1 and 5.1 systems will derive six and five separate channels, respectively, corresponding to the standard home theater speaker layouts.

(The ".1" subwoofer channel is generated by bass management in the receiver.) Neo:6 provides optimum decoding of Extended Surround matrix soundtracks, and can also generate a center surround channel from 5.1 material. Neo:6 technology allows various sound elements within a channel of channels to be steered separately, and in a way which follows the original presentation naturally. Neo:6 offers a music mode that expands stereo non-matrix recordings into the five- or six-channel layout without diminishing the subtlety and integrity of the original stereo recording. 30 KRF-V6300D B60-5772-00_00_EN.indd 30 08.7.24 1:29:39 PM DTS 96/24 DTS 96/24 made it possible to achieve a wide frequency range of over 40 kHz by increasing the sampling frequency to 96 or 88.

2 kHz. Moreover, DTS 96/24's ability of 24 bit resolution offers the same frequency band and dynamic range as 96 kHz/24 bit PCM. DTS 96/24 is, as with conventional DTS Surround, compatible with multi-channels. Therefore, sources recorded using DTS 96/24 technologies can be played in high sampling frequency, multichannel audio with ordinary DVDs and CDs. About indicators Input channel indicators Listen mode/Input signal format indicators DSP mode

The DSP mode lets you add the atmosphere of a live concert or hall to almost any type of program source.

These modes are particularly effective when used with stereo program sources, like CD, television, and FM radio. You might enjoy trying the ARENA, JAZZ CLUB, THEATER, STADIUM or DISCO mode the next time you watch a concert or sporting event! Input channel indicator It shows the channels contained in the input signal. Note that the input channel indicator does not show the channel of the listen mode. The "LFE" indicator lights when the LFE channel signal is input. The LFE level can be adjusted.

See <Low frequency effects level ("LFE LVL")> (∞). The "S" indicator lights when the surround component consists of a single channel. What's DSP? DSP stands for Digital Signal Processor. The way a sound is heard in an actual environment depends on a variety of different factors. One of the most important is reverberation (the act of decaying elements of sound echoing in various places). The DSP modes produce the feeling of presence by using the DSP to create reverberation, without spoiling the sound quality of the original signal.



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Listen mode/Input signal format indicator The indicator for the selected listen mode lights up. "DIGITAL" also lights when the input signal is digital. DVD 6-channel mode Using a DVD player or the like equipped with six (5.1) output channels and this unit, you can enjoy multi-channel encoded DVD source material in all its splendor.

Since the source signals are digital and each channel is input independently, the resulting sound quality, sense of spaciousness, and dynamic range are superb. The indication "6CH INPUT" appears in the display during DVD 6-channel mode selection. •LFE = Low Frequency Effects. This channel delivers separate non-directional bass signals to the subwoofer for more dynamic deep bass sound effects. English 31 B60-5772-00_00_EN.indd 31 08.7.24 1:29:40 PM Enjoying various surround effects Surround playback Select the listen mode according to the source being played back. "PLII MUSIC"* "PLII GAME"* "PRO LOGIC"* "STEREO" Pro Logic II surround Music mode Pro Logic II surround Game mode Pro Logic mode Stereo mode "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" * Available when the input signal has only 2 channels. LISTEN MODE When "Dolby Digital EX" is selected: "DOLBY DIGITAL EX" will scroll from right to left.

"DOLBY DIGITAL EX" indicator is lit. LISTEN MODE When the DTS signal is input: Display "DTS+NEO6 CINEMA" "DTS-ES MATRIX 6.1" Listen mode DTS + Neo:6 surround Cinema mode DTS-ES MATRIX 6.1 channel surround mode Indicator "DTS" and "Neo:6" "DTS-ES" and "MATRIX 6.1" "DTS-ES" and "DISCRETE 6."

1" "DTS" "DTS" "DTS" "DTS-ES DISCRETE DTS-ES DISCRETE 6.1 channel surround mode 6.1" Preparations • Turn on the related components. • Complete <Speaker setup>. j™ • Select the source you wish to play back with surround sound.

• Select the input mode (analog or digital) for the source you wish to playback. (Noise may be produced when a DTS source is played by selecting the analog input.) § "DTS" "DTS96/24" "STEREO" DTS 5.1 channel surround mode DTS 96/24 surround mode Stereo mode When "DTS" is selected: "DTS" will scroll from right to left. α Start playing the video software. ∑ Press [LISTEN MODE] to select the listen mode. The listen mode settings are stored separately for each input. If the input mode is set to full auto ("AUTO DETECT" lights), the unit selects the optimal listen mode automatically based on the type of input signal and the speaker settings. Each press of [LISTEN MODE] switches the setting as listed. "DTS" indicator is lit.

When the analog signal or digital signal (except for Dolby Digital or DTS signal) is input: Display "PLIIx MOVIE" "PLIIx MUSIC" "PLIIx GAME" "PLII MOVIE" "PLII MUSIC" "PLII GAME" Listen mode Pro Logic IIx surround Movie mode Pro Logic IIx surround Music mode Pro Logic IIx surround Game mode Pro Logic II surround Movie mode Pro Logic II surround Music mode Pro Logic II surround Game mode Pro Logic mode Neo:6 surround Cinema mode Neo:6 surround Music mode DSP surround ARENA mode DSP surround JAZZ CLUB mode DSP surround THEATER mode DSP surround STADIUM mode DSP surround DISCO mode Stereo mode Indicator "PRO LOGIC" "PRO LOGIC" "PRO LOGIC" "PRO LOGIC" "PRO LOGIC" "PRO LOGIC" "PRO LOGIC" "PRO LOGIC" "Neo:6" "Neo:6" "DSP MODE" "DSP MODE" "DSP MODE" "DSP MODE" "DSP MODE" "DSP MODE" — When the Dolby Digital signal is input: Display "DOLBY DIGITAL" "DOLBY DIGITAL +PLIIx MOVIE" "DOLBY DIGITAL +PLIIx MUSIC" "DOLBY DIGITAL EX" "PLIIx MOVIE"* "PLIIx MUSIC"* "PLIIx GAME"* "PLII MOVIE"* Listen mode Dolby Digital surround mode Dolby Digital + Pro Logic IIx surround Movie mode Dolby Digital + Pro Logic IIx surround Music mode Dolby Digital EX surround mode Pro Logic IIx surround Movie mode Pro Logic IIx surround Music mode Pro Logic IIx surround Game mode Pro Logic II surround Movie mode Indicator "DOLBY DIGITAL" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL EX" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" and "PRO LOGIC" "DOLBY DIGITAL" and "PRO LOGIC" "NEO6 CINEMA" "NEO6 MUSIC" "ARENA" "JAZZ CLUB" "THEATER" "STADIUM" "DISCO" "STEREO" 32 KRF-V6300D B60-5772-00_00_EN.indd 32 08.7.24 1:29:40 PM • Depending on the type of the signal or speaker setting, some listen modes cannot be selected. • When playback is started, the sound may be cut or interrupted before the input source is confirmed as Dolby Digital. • To enjoy Dolby Digital surround (as well as all the other listen modes) from a single component, be sure to use a Dolby Digital compatible source component. • Dolby Digital or DTS signal having more channels than the maximum number of playback channels available using this unit's current settings is input, downmixing is performed to match the number of available channels. • Some Dolby Digital Surround EX compliant discs do not contain identification signals. For this reason, the receiver may not detect these discs as Dolby Digital EX when the input mode is set to "FAUTO". In this case, set the listen mode to "DOLBY DIGITAL EX".

DVD 6-channel analog input Surround play is possible if you use a DVD player with 6- (5.1-) channel output. INPUT SELECTOR INPUT MODE DVD/6CH Preparations • Connect your DVD player to the DVD/6CH INPUT jacks of this unit. • Turn on all other components that will be used. • Complete <Speaker setup>.

α Select "DVD/6CH" as the input source. ∑ Press [INPUT MODE] to select "6CH INPT". é Start playback of a DVD disc. • It is not possible to adjust the speaker level or sound effect of the channels separately when this unit is in the 6CH INPUT mode. ([SETUP], [SOUND], [LISTEN MODE], [ACTIVE EQ] and [TONE] will not be functional.

) Adjust the speaker level with the controls of the DVD player. Refer to the Instruction manual of the DVD players for the detailed operating instructions. English 33 B60-5772-00_00_EN.indd 33 08.7.24 1:29:42 PM Listening to radio broadcasts This unit can store up to 40 stations in the memory and recall them by one-touch operation.



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