



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HARMAN KARDON HKTS 30. You'll find the answers to all your questions on the HARMAN KARDON HKTS 30 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 HKTS 30**  
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**Operating instructions HARMAN KARDON HKTS 30**  
**Instructions for use HARMAN KARDON HKTS 30**  
**Instruction manual HARMAN KARDON HKTS 30**



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**Manual abstract:**

2. Keep these instructions. 3. Heed all warnings. 4. Follow all instructions. 5. Do not use this apparatus near water. 6. Clean only with a dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. 8. @ @9.

@ @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. @ @10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.

11. Only use attachments/accessories specified by the manufacturer. 12. 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. 13. Unplug this apparatus during lightning storms or when unused for long periods of time. 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. Do not expose this apparatus to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the apparatus. 16. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from the AC receptacle. 17. The mains plug of the power supply cord shall remain readily operable. 18. Do not expose batteries to excessive heat such as sunshine, fire or the like. 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 product.

**WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Pb Declaration of Conformity THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU TO DANGEROUS VOLTAGE INSIDE THE PRODUCT.**

**CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

**THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU TO IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.** Instructions for users on removal and disposal of used batteries. Specification of included battery types. These symbols shown on the product, the packaging or in the manual or separate information sheet mean that the product itself, as well as the batteries included or built into the product, should never be thrown away with general household waste. @ @ @ @ @ All types should be disposed of according to the above instructions.

@ @ 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. We, Harman Consumer, Consumer Division 8500 Balboa Blvd. Northridge, CA 91329 USA As the

manufacturer and through our representative within the EU Harman Consumer, Consumer Division 2, route de Tours 72500 Chateau du Loir France Do declare under our sole responsibility that the product listed below conforms to the requirements of the Directive(s) and Standards listed here in. Model(s): HKTS20 and HKTS30 Directives to which Conformity is declared: 2004/108/EC EMC Directive, as amended. 1999/5/EC R&TTE Directive, as amended.

2006/95/EC Low Voltage Directive, as amended 2005/32/EC Energy Using Products Directive, as amended Harmonized Standards Applied to show Conformity: EN 55013:2001+A1:2003+A2:2006 EN 55020:2007 EN 61000-3-2:2006 EN 61000-3-3:1995+A1:2001+A2:2005 EN 60065:2002+A11:2008 EN 60825-1:2007 ETSI EN 300 328 V1.7.1 (2006-10) ETSI EN 301 489-1 V1.

8.1 (2008-04) Laurent Rault Harman Consumer Group, Inc. Château du Loir, France 10/09 SEE MARKING ON BACK OF PRODUCT. ATTENTION! It is considered good practice to always connect the power supply to your Harman Kardon unit before plugging the device into the wall or AC power outlet.

**Important Note for All Electronic Products:** Before inserting or unplugging audio cables from the source device's headphones or line-level output jacks, it is good practice to turn off the device first. This will prolong the life of your unit, help protect your device from static electricity and prevent potential damage.

**WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. WARNING: THE APPARATUS SHOULD NOT BE EXPOSED TO DRIPPING OR SPLASHING AND NO OBJECTS FILLED WITH LIQUID, SUCH AS VASES, SHOULD BE PLACED ON THE APPARATUS.** Harman Kardon® HKTS 20 / HKTS 30 Typographical Conventions We have employed certain conventions to help you use this manual: (number in a circle) Indicates a rear-panel control or connection on the illustration of the HKTS200SUB subwoofer Example (bold type)

Indicates the name of a specific control or rear-panel connection on the HKTS200SUB subwoofer EXAMPLE (OCR type) Indicates a control or switch setting on the HKTS200SUB subwoofer 2 Introduction Thank you for purchasing the Harman Kardon® HKTS20/HKTS30 speaker system, with which you're about to begin many years of listening enjoyment. The HKTS20/HKTS30 has been custom designed to provide all the excitement and power of the cinema experience in your own living room.

While sophisticated electronics and state-of-the-art speaker components are hard at work within the HKTS20 and HKTS30, hookup and operation are simple. Color-keyed cables and connections, and simple controls make the HKTS20/HKTS30 easy to use. To obtain maximum enjoyment from your new home theater speaker system, we urge you to take a few minutes to read through this manual. This will help ensure that the connections you make to your receiver (or preamp/processor), amplifier and other devices are correct. In addition, a few minutes spent learning the functions of the various controls will enable you to take advantage of all the power and refinement the HKTS20/HKTS30 is able to deliver.

If you have any questions about this product, its installation or its operation, please contact your dealer, the best local source of information. Four satellite speakers for front left/right and surround left/right (HKTS30 satellites shown) One powered subwoofer Four wall-mount brackets for satellite speakers Description and Features The HKTS20/HKTS30 is a complete six-piece home theater speaker system that includes: · An 8-inch, 200-watt powered subwoofer Four identical two-way video-shielded satellite speakers (the HKTS30 satellite speakers feature dual drivers) for the left and right front, and left and right rear (surround) speaker positions A dedicated, voice-matched, video-shielded, dual-driver center speaker Removable bases and wall-mount brackets for the satellite speakers and a wallmount bracket for the center speaker All of the cables you need to connect all of the speakers to your receiver or preamp/processor and amplifier.



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One combination LFE and trigger cable for connection to the subwoofer (LFE cable has purple connectors) One wall-mount bracket for center speaker Four metal stop plates and screws (for satellite speaker wall-mount brackets) . . . The speaker cables all use a color-coding system to conform to the Consumer Electronics Association (CEA) standard. @@@@Harman Kardon invented the high-fidelity receiver fifty years ago. @@@Turn 5. @@@Set this switch to OFF for normal low-frequency performance. 2. @@@@In most cases the Phase Switch 2 should be left in the NORMAL position. However, it does no harm to experiment, and you can leave the Phase Switch 2 in the position that maximizes bass response and impact. 3. Power On Mode Switch: When set in the AUTO position and when the Power Switch 7 is set to ON, the HKTS200SUB will automatically turn itself on when it receives an LFE and trigger cable to connect the Line-Level LFE In to the dedicated subwoofer output of a receiver or preamp/processor. This input bypasses the HKTS200SUB's internal crossover circuitry, so it should only be used with a subwoofer output that has been low-pass filtered. If your receiver or preamp/processor does not have a dedicated subwoofer output that is low-pass filtered you should use the HKTS200SUB's LineLevel L/R In Connectors 6 instead. 6. Line-Level L/R In Connectors: Use these connectors if your receiver or preamp/processor does not have digital surround sound decoding or a subwoofer output that is low-pass filtered.

If your receiver or preamp/processor has a separate subwoofer output, use the LFE (purple) connector of the supplied combination LFE and trigger cable to connect it to either one of the HKTS200SUB's Line-Level L/R In Connector Wall-Mounting: Satellite Speakers IMPORTANT: Read the Speaker Connections section, on page 7, before wall-mounting the satellite speakers. You will need to insert the speaker wires through the wall mounts and connect the wires to the speakers during the process of installing the wall-mounts. NOTE: If you are using your own speaker wire, it must be no thicker than the wire supplied with the speakers. Thicker wire will prevent the wall-mount bracket from sliding onto the speaker. 1. Decide on the loca top of the terminal to open the connection hole, insert the wire's bare end all the way into the hole and release the terminal to secure the wire. Insert the conductor with the colored band into the speaker's red ( + ) terminal, and insert the other conductor into the speaker's black ( ) terminal, as shown in the illustration. A. Push Down on Cap to Open Hole B. Insert Bare Wire into Open Hole C.

Release Cap to Secure Wire + + IMPORTANT: 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. 4. Using two of the supplied screws, attach the center speaker to the wall-mount bracket, as shown in the illustration. A.

Push Down on Cap to Open Hole B. Insert Bare Wire into Open Hole C. @@ Connecting Satellite Speakers With Supplied Wall-Mount Brackets Follow the instructions in Wall-Mounting: Satellite Speakers, on page 5, and Wall-Mounting: Center Speaker, opposite. Connecting Satellite Speakers with Supplied Bases 1. Remove the speaker's base (see Shelf Placement, on page 5).

2. Pass the speaker wire through the opening in the speaker base. Wall-Mount Bracket Supplied Screws 3. Connect the speaker wire as described above. 4. Reattach the speaker's base as shown in the illustration. Speaker Connections CAUTION: Before making speaker connections, be sure that your receiver or amplifier is turned OFF and preferably, its AC cord is unplugged from the AC power outlet. 7 ENGLISH Wall-Mounting: Center Speaker Left Front Center Right Front Front Left Speaker Cable (White Bands) Center Speaker Cable (Green Bands) Front Right Speaker Cable (Red Bands) + + + RIGHT Receiver LFE/Trigger Cable (Purple Ends) Surround Left Speaker Cable (Blue Bands) Left Surround Connecting the Subwoofer to a Receiver or Preamp/Processor With a Dedicated Subwoofer Output Use this installation method for receivers and preamp/processors that have a dedicated subwoofer output with low-pass filtering (also called bass management). If the dedicated subwoofer output does not have low-pass filtering, follow the instructions in Connecting the Subwoofer to a Receiver or Preamp/Processor With Line Outputs, on page 9. Use the LFE (purple) connector of the supplied combination LFE and trigger cable to connect the HKTS200SUB's Line-Level LFE In Jack 5 to the dedicated subwoofer output (or LFE output) of your receiver or preamp/processor.

@@The HKTS200 SUB's LED will illuminate white when the subwoofer is on, and will not be illuminated when the subwoofer is in standby. If the Power On Mode Switch 3 is set to ON, the HKTS200SUB will remain on at all times. The HKTS200 SUB's LED will illuminate white. If the External Trigger Input Connector 4 is connected to a trigger voltage source, the HKTS200SUB will turn on whenever a trigger voltage is present, and will turn off after the trigger voltage ceases, regardless of the position of the Power On Mode Switch 3. If there is no sound from any of the speakers: . . . . . Check that the receiver/amplifier is on and a source is playing. Make sure that all wires and connections between the receiver/amplifier and the speakers are connected properly. Make sure none of the speaker wires is frayed, cut or punctured. Review the proper operation of your receiver/amplifier. Check that the balance control on your receiver/amplifier is not set all the way to one channel. Check your receiver/amplifier's speaker setup procedure to make sure that he speaker in question has been enabled and its volume level has not been turned all the way down. Make sure that all wires and connections between the receiver/amplifier and the speaker are connected properly. Make sure the speaker wires are not frayed, cut or punctured. Check your receiver/amplifier's speaker setup procedure to make sure that the center speaker has been enabled and its volume level has not been turned all the way down. Make sure that all wires and connections between the receiver/amplifier and the center speaker are connected properly. Make sure the speaker wires are not frayed, cut or punctured.

If your receiver is operating in Dolby® Pro Logic® mode, make sure that the center speaker is not set to Phantom. Check your receiver/amplifier's speaker setup procedure to make sure that the surround speakers have been enabled and their volume levels have not been turned all the way down. @@Make sure the speaker wires are not frayed, cut or punctured.



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@@@@@@ Review the operation of your DVD player and the DVD jacket to make sure the DVD features the desired Dolby Digital or DTS® surround-sound mode, and that you have properly selected that mode using both the DVD player's menu and the disc's menu. Check that the subwoofer's Power Cord 8 is plugged into a working AC outlet.

Check that the subwoofer's Power Switch 7 is in the ON position. Check that the Subwoofer Level Control is not turned all the way down (fully counterclockwise). Check the audio connection between your receiver/processor and the subwoofer. Check your receiver/amplifier's speaker setup procedure to make sure that the subwoofer has been enabled and its volume level has not been turned all the way down. Make sure that all wires and connections between the receiver/amplifier and the speakers are connected properly. Make sure none of the speaker wires is frayed, cut or punctured. If you're using more than one pair of main speakers, check to be sure that you're not operating the system below the receiver/amplifier's minimum impedance requirements. · · If there is no sound coming from one speaker: If you will be away from home for an extended period of time, or if you will not be using the subwoofer for an extended period, switch the Power Switch 7 to the OFF Position. · · · Subwoofer Adjustments: Volume Use the Subwoofer Level Control to set the HKTS200SUB's volume. @@@@ When the HKTS200SUB is properly in phase with the satellite speakers, the sound will be clearer and have maximum impact.

This will make percussive sounds like drums, piano and plucked strings sound more lifelike. The best way to set the Phase Switch 2 is to listen to music that you are familiar with and set the switch in the position that gives drums and other percussive sounds maximum impact. · · · If there is no sound coming from the surround speakers: · · · · Subwoofer Adjustments: Bass Boost When set to the ON position, the Bass Boost Switch 1 enhances low-frequency performance, resulting in bass with more impact, which you may prefer while watching movies or listening to music. There is no harm in experimenting with this control setting the switch to the OFF position will return normal low-frequency performance. · If there is no sound coming from the subwoofer: · · · · If the system plays at low volumes but shuts off as volume is increased: · · · 11 ENGLISH Operation Troubleshooting Specifications HKTS20 System Frequency Response 45Hz 20kHz (-6dB) SAT-TS20 Satellites Recommended Power 10 ~ 80 watts Impedance 8 ohms nominal Sensitivity 83dB @ 2.83V/1 meter Tweeter One 3/4" (19mm) dome, video-shielded Midrange One 3" (75mm) driver, video-shielded HKTS30 System Frequency Response 45Hz 20kHz (-6dB) SAT-TS30 Satellites Recommended Power 10 ~ 120 watts Impedance 8 ohms nominal Sensitivity 86dB @ 2.83V/1 meter Tweeter One 3/4" (19mm) dome, video-shielded Midrange Dual 3" (75mm) drivers, video-shielded Cen-TS20/30 Recommended Power 10 ~ 120 watts Impedance 8 ohms nominal Sensitivity 86dB @ 2.83V/1 meter Tweeter One 3/4" (19mm) dome, video-shielded Midrange Dual 3" (75mm) drivers, video-shielded Dimensions (H x W x D) 13-29/32" x 10-1/2" x 10-1/2" (353mm x 267mm x 267mm) Gross Weight 19.8 lb (9kg) HKTS200SUB Subwoofer Input rating: AC 100120V, 50/60 Hz, 200W or AC 220240V, 50/60 Hz, 200W Amplifier Power 200 watts RMS Bass 8" woofer, sealed enclosure External Trigger Input Voltage 3 ~ 30 volts AC/DC Dimensions including stands (H x W x D) Dimensions including stands (H x W x D) 8-1/2" x 4-11/32" x 3-15/32" 11-25/32" x 4-11/32" x 3-15/32" 4-11/32" x 10-11/32" x 3-15/32" (216mm x 110mm x 88mm) (299mm x 110mm x 88mm) (110mm x 272mm x 88mm) Weight 2.1 lb (0.

95kg) Weight 3.3 lb (1.5kg) Weight 3.2 lb (1.45kg) © 2009 Harman International Industries, Incorporated.

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