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You can read the recommendations in the user guide, the technical guide or the installation guide for HARMAN KARDON HKTS 7. You'll find the answers to all your questions on the HARMAN KARDON HKTS 7 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

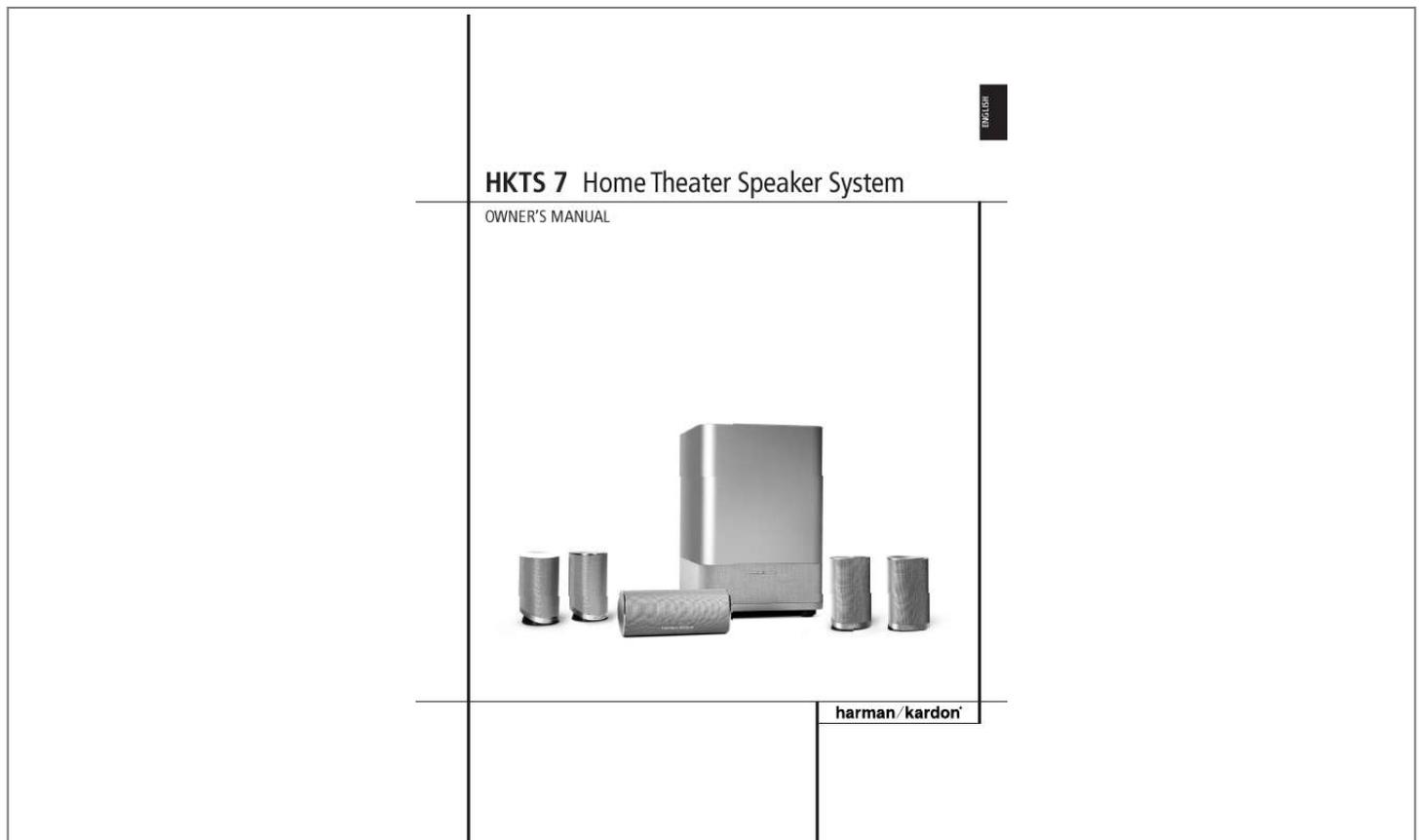
User manual HARMAN KARDON HKTS 7

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Operating instructions HARMAN KARDON HKTS 7

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Instruction manual HARMAN KARDON HKTS 7



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Manual abstract:

While sophisticated electronics and state-of-the-art speaker components are hard at work within the HKTS 7, hookup and operation are simple. Color-keyed cables and connections, and simple controls make the HKTS 7 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 ensure that connections to your receiver or preamp/processor and amplifier or other external devices are made properly. 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 HKTS 7 is able to deliver. If you have any questions about this product, its installation or operation, please contact your dealer, the best local source of information. The HKTS 7 subwoofer is easy to connect to your system, since it's equipped with a special subwoofer input for use with equipment that has a dedicated subwoofer connection that carries a low-frequency output. It also includes stereo speaker-level inputs and outputs for connection to older receivers and processors that do not have a line-level subwoofer output. Other conveniences include a level control, high-cut (lowpass) filter switch and phase switch for fine-tuning bass response to suit your listening environment and taste, and an efficient switching system that senses the presence of an audio signal and automatically switches the unit from Standby mode to Active mode. Shelf stands and wall-mount brackets are included for the satellite speakers, and optional HTFS 2 floor stands are available separately from your Harman Kardon dealer.

Harman Kardon invented the high-fidelity receiver fifty years ago. With state-of-the-art features and time-honored circuit designs, the HKTS 7 is a perfect complement to a Harman Kardon receiver or any home theater system. Complete home theater speaker system Speakers are magnetically shielded for placement near video monitors Fully color-coded cables and connections simplify setup Both line- and speaker-level inputs for use with most audio components Subwoofer input offers superior-quality bass reproduction when used with any digital audio system that incorporates bass management or programmable crossovers Four satellite wall-mount brackets Four satellites for left, right and surrounds, with color-key stickers (shown with included shelf stands attached) Included One center channel speaker One powered subwoofer Description and Features The HKTS 7 is a six-piece home theater speaker system that includes a 10-inch, 100-watt, bassreflex powered subwoofer; four identical, 2-way satellite speakers for use in the left and right front and rear speaker positions; a voicematched, dedicated, dual-driver center speaker; shelf stands and wall-mount brackets for the four satellites and the center speaker; and all of the speaker cables you need to connect your speakers to your receiver or preamp/processor and amplifier. @@@@ @ 1 High-Cut (Low-Pass) Filter Switch: Placing this switch in the ON position activates circuitry that cuts out all audio input signals above 120Hz. This allows the SUB-TS7 to focus its power on reproducing the low-frequency portion of the signal, avoiding inefficiency and distortion.

Engage this filter when using the SpeakerLevel Inputs 7, or when using the LineLevel Full-Range Inputs 5, unless your receiver or processor processes its line-level output using a low-pass filter. The filter has no effect when the Sub Input 4 is used. 4 Line-Level Subwoofer (SUB) Input 5 Line-Level Full-Range Inputs 6 Speaker-Level Outputs 7 Speaker-Level Inputs 2 Trigger Input: Some receivers or sound processors have a Trigger Output that sends a signal to the subwoofer to switch on or off. If your receiver has such a Trigger Output, connect it here. When placed in the AUTO position, and when the Master Power Switch 8 is turned on, the subwoofer will automatically turn itself on or place itself in the Standby mode, depending on the status of your receiver or processor.

When this switch is placed in the ON position, the SUB-TS7 will remain on, whether or not it is receiving an audio signal. An LED located on top of the SUB-TS7 indicates whether the SUB-TS7 is in the On or standby state when used with the Trigger On/Off Switch 2 in the AUTO position. The LED is lit blue to indicate that the SUB-TS7 is receiving an audio signal and is turned on, and the LED is lit amber to indicate that no signal is being received and the SUB-TS7 is in Standby mode. 8 Master Power Switch 9 AC Power Cord When the Trigger On/Off Switch 2 is in the ON position, the LED will be lit blue, whether or not an audio signal is present. When the Master Power Switch 8 is turned off, the LED goes dark, no matter which position the Trigger On/Off Switch 2 is in.

@@@@@@@ If your receiver does not have a separate subwoofer output, use a Y-adapter (not supplied) to bridge the receiver's preamp output to the main amp input for that channel, and connect the long end of the adapter to the corresponding line-level input on the SUB-TS7. If your receiver has only a single subwoofer output, you may connect it to either the left or right linelevel input on the SUB-TS7, and no Y-adapter is needed. 6 Speaker-Level Outputs: If you are using the Speaker-Level Inputs 7 on the SUB-TS7, you should connect these binding-post terminals to your front left and right speakers, remembering to maintain polarity by connecting the (+) terminal on the SUB-TS7 subwoofer to the (+) terminal on the speaker, and the (-) terminal on the SUB-TS7 subwoofer to the (-) terminal on the speaker. If you are not using the SpeakerLevel Inputs 7, then connect your front left and right speakers directly to your receiver or amplifier.

See pages 9 through 12 for further information on speaker connections. 7 Speaker-Level Inputs: Connect these binding-post terminals to the main left and right speaker terminals of your receiver or amplifier, if your receiver or amplifier does not have a linelevel subwoofer output. Remember to maintain polarity by connecting the (+) terminal on the receiver/amplifier to the (+) terminal on the SUB-TS7 subwoofer, and the (-) terminal on the receiver/amplifier to the (-) terminal on the SUB-TS7 subwoofer. 8 Master Power Switch: Place this switch in the " " position to power-on the SUB-TS7 subwoofer. The SUB-TS7 will then be either in the Standby mode or completely on, depending on the position of the Trigger On/Off Switch 2. 9 AC Power Cord: Make sure to plug this cord into an active, unswitched electrical outlet for proper operation of the SUB-TS7. The cord should not be plugged into the accessory outlets found on some audio components. ENGLISH REAR PANEL CONNECTIONS 5 Speaker Placement Color-Coding System The HKTS 7 uses the channel color-coding system established by the Consumer Electronics Association to make setting up your home theater speaker system as easy as possible.



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Your system includes a set of colored stickers that may be placed near the speaker terminals of each of the four satellite speakers according to the key below.

It doesn't matter which satellite speaker is used for any of the front or rear positions.

@@@The surround speakers should not call attention to themselves. @@@@Gently tug on the wire to make sure that it is fully inserted. @@@@In that case, you will need to supply a second interconnect cable.

@@@If your receiver/processor has a built-in lowpass-crossover filter for the subwoofer output, you may use the Sub Input 4 to bypass the subwoofer's internal crossover. @@Make sure that you have configured your surround sound processor for "Subwoofer On."

"The front left, front right, center and surround speakers should all be set to "Small." When all connections have been made, plug the AC power cord on the subwoofer into an AC outlet. Front Left + Center + Front Right + SUB-TS7 Subwoofer Line-Level R L Front Left SUB/LFE Out Surround Left Center Front Right Surround Right Su used with a crossover or filter aboard the receiver or processor. @@@@Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.

· Review proper operation of your receiver/amplifier. @@@@Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured. · In Dolby Digital or DTS® modes, make sure that the receiver/processor is configured so that the speaker in question is enabled. · Check all wires and connections between receiver/amplifier and speaker. Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured. · If your receiver/processor is set in Dolby Pro Logic mode, make sure the center speaker is not in phantom mode. · If your receiver/processor is set in Dolby Digital or DTS® mode, make sure the receiver/processor is configured so that the center speaker is enabled. @@Make sure all wires are connected.

Make sure none of the speaker wires are frayed, cut or punctured. · If more than one pair of main speakers is being used, check the minimum impedance requirements of your receiver/amplifier. · Make sure the connections to the left and right "Speaker Inputs" have the correct polarity (+ and).

@@@@Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured. · Review proper operation of your receiver/amplifier and its surround-sound features. · Make sure the movie or TV show you are watching is recorded in a surround-sound mode. If it is not, check to see if your receiver/amplifier has other surround modes you may use. · In Dolby Digital or DTS® modes, make sure your receiver/processor is configured so that the surround speakers are enabled. · Review the operation of your DVD player and the jacket of your DVD to make sure that the DVD features the desired Dolby Digital or DTS® mode, and that you have properly selected that mode using both the DVD player's menu and the DVD disc's menu.

ENGLISH If there is no sound coming from one speaker: If there is no sound from the center speaker: If the system plays at low volumes but shuts off as volume is increased: If there is low (or no) bass output: If there is no sound from the surround speakers: TROUBLESHOOTING 13 Specifications HKTS 7 System Frequency Response 35Hz 20kHz (6dB) CEN-TS7 Center Recommended Power 10 80 Watts Impedance 8 Ohms nominal Sensitivity 86dB @ 1 Watt/1 meter Tweeter One 3/4" dome, video-shielded Midrange Dual 3" drivers, video-shielded Dimensions (H x W x D) 102mm x 241mm x 92mm Weight 1kg SUB-TS7 Subwoofer Amplifier 100 Watts RMS Bass 10" Woofer, bass-reflex enclosure Dimensions (H x W x D) 479mm x 340mm x 340mm Weight 15kg SAT-TS7 Satellites Recommended Power 10 80 Watts Impedance 8 Ohms nominal Sensitivity 86dB @ 1 Watt/1 meter Tweeter One 1/2" dome, video-shielded Midrange One 3" driver, video-shielded Dimensions (H x W x D) 167mm x 100mm x 92mm Weight 0.6kg All features and specifications are subject to change without notice. Harman Kardon and Power for the Digital Revolution are registered trademarks of Harman International Industries, Incorporated. *

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