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› Harman Kardon SUB-TS7 Active Subwoofer User Manual

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Harman Kardon SUB-TS7 Active Subwoofer User Manual

Model: SUB-TS7 | Brand: Harman Kardon

IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before operating your Harman Kardon SUB-TS7 subwoofer. Keep this manual for future reference.

- 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.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.

PRODUCT OVERVIEW

The Harman Kardon SUB-TS7 is an active subwoofer designed to enhance the low-frequency performance of your audio system. It features a powerful built-in amplifier and an 8-inch down-firing cone transducer for deep, impactful bass.



Figure 1: Front-left view of the Harman Kardon SUB-TS7 active subwoofer, showing its sleek black finish and the power cable.



Figure 2: Close-up of the front panel, highlighting the Harman Kardon branding.



Figure 3: Rear view of the subwoofer, displaying the input/output panel and bass port.



Figure 4: Detailed view of the rear control panel, including Subwoofer Level, Filter, Power On Mode, Phase, Line Level inputs, High Level inputs, and power connection.



Figure 5: Bottom view of the subwoofer, showing the down-firing 8-inch speaker cone.



Figure 6: Close-up of the Harman Kardon logo on the front panel, with the power indicator light.

Rear Panel Controls and Connections:

- **SUBWOOFER LEVEL:** Adjusts the output volume of the subwoofer.
- **FILTER:** Controls the crossover frequency.
- **POWER ON MODE:** Selects power activation mode (ON, AUTO, OFF).
- **PHASE:** Adjusts the phase of the subwoofer output (NORMAL, REVERSE).
- **LINE LEVEL IN:** RCA inputs for connecting to an audio receiver's subwoofer output.
- **HIGH LEVEL IN/OUT:** Speaker level inputs and outputs for connecting directly to amplifier speaker terminals.
- **EXT. TRIGGER INPUT:** For external power control (3-30V AC/DC).
- **POWER:** AC power input and fuse holder.

SETUP

Placement:

The placement of your subwoofer can significantly affect its performance. Generally, placing the subwoofer in a corner of the room can enhance its output. Experiment with different locations to find the best sound balance for your listening environment.

Connections:

Ensure all audio components are turned off before making any connections. Refer to Figure 4 for a visual guide to the rear panel connections.

1. Line Level Connection (Recommended):

If your receiver or preamplifier has a dedicated subwoofer output (LFE or Sub Out), connect an RCA audio cable from this output to the **LINE LEVEL IN** (L or R) on the SUB-TS7. If your receiver has a stereo pre-out, use both L and R inputs on the subwoofer.

2. High Level Connection:

If your receiver does not have a dedicated subwoofer output, you can connect the subwoofer using the **HIGH LEVEL IN** terminals. Connect speaker wires from your receiver's main speaker outputs to the corresponding HIGH LEVEL IN terminals on the subwoofer. Then, connect speaker wires from the **HIGH LEVEL OUT** terminals on the subwoofer to your main front speakers. Ensure correct polarity (+ to + and - to -).

3. Power Connection:

Once all audio connections are made, connect the power cord to the **POWER** input on the subwoofer and then to a suitable AC wall outlet.

OPERATING THE SUBWOOFER

Power On Mode:

The **POWER ON MODE** switch (refer to Figure 4) allows you to select how the subwoofer powers on:

- **ON:** The subwoofer will remain on continuously.
- **AUTO:** The subwoofer will automatically turn on when it detects an audio signal and enter standby mode after a period of inactivity.
- **OFF:** The subwoofer will remain off.

Controls and Adjustments:

- **SUBWOOFER LEVEL:** Use this knob to adjust the overall volume of the subwoofer relative to your main speakers. Start with a low

setting and gradually increase until the bass blends seamlessly with your system.

- **FILTER (Crossover Frequency):** This control determines the highest frequency the subwoofer will reproduce. Adjust it to blend the subwoofer's output with your main speakers. If your main speakers are small, set the filter higher (e.g., 100-120Hz). If they are large, set it lower (e.g., 60-80Hz).
- **PHASE (NORMAL/REVERSE):** This switch helps to ensure that the subwoofer's output is in phase with your main speakers. Listen to music with strong bass and switch between NORMAL and REVERSE. Choose the setting that provides the most impactful and coherent bass.

MAINTENANCE

To ensure the longevity and optimal performance of your Harman Kardon SUB-TS7 subwoofer, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior surfaces of the subwoofer. Do not use liquid cleaners, aerosols, or abrasive chemicals, as they may damage the finish.
- **Ventilation:** Ensure that the ventilation openings on the subwoofer are not blocked. Adequate airflow is crucial to prevent overheating.
- **Placement:** Avoid placing the subwoofer in direct sunlight, near heat sources, or in areas with high humidity.
- **Power Cord:** Regularly inspect the power cord for any signs of damage. If damaged, replace it immediately with an authorized Harman Kardon replacement part.

TROUBLESHOOTING

If you experience issues with your Harman Kardon SUB-TS7 subwoofer, consult the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No sound from subwoofer.	Power cord not connected; Power switch OFF; No audio signal; Incorrect input selected on receiver.	Ensure power cord is securely connected and outlet is active. Set POWER ON MODE to ON or AUTO. Check audio cable connections. Verify receiver's subwoofer output is enabled and volume is up.
Bass is weak or distorted.	SUBWOOFER LEVEL too low; Incorrect PHASE setting; Improper placement; Crossover frequency too low.	Increase SUBWOOFER LEVEL. Toggle PHASE between NORMAL and REVERSE. Experiment with subwoofer placement. Adjust FILTER (crossover frequency) higher.
Humming or buzzing noise.	Ground loop; Loose connections; Interference from other electronics.	Try plugging the subwoofer into a different electrical outlet. Ensure all audio cables are securely connected. Move the subwoofer or audio cables away from other electronic devices.
Subwoofer turns off unexpectedly.	Overheating; POWER ON MODE set to AUTO with no signal; Faulty power supply.	Ensure adequate ventilation. If in AUTO mode, ensure a continuous audio signal. If problem persists, contact customer support.

SPECIFICATIONS

Feature	Description
Model Number	SUB-TS7
Enclosure Type	Sealed
Low-Frequency Transducer	8" (200 mm) down-firing cone
Amplifier Power (RMS)	200 W
Amplifier Power (Peak)	400 W
Audio Output Mode	Surround
Connectivity Technology	Wired
Input Voltage (Trigger)	3-30V AC or DC
Mounting Type	Floor Standing
Included Components	Remote control, Ethernet cable
First Available Date	January 15, 2020
Color	Black

WARRANTY AND SUPPORT

The Harman Kardon SUB-TS7 subwoofer comes with a **Limited Warranty**. Please refer to the warranty card included with your product for specific terms and conditions, including coverage period and limitations.

For technical support, service, or warranty inquiries, please contact Harman Kardon customer service or visit the official Harman Kardon website. Keep your proof of purchase and product model number (SUB-TS7) ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question