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› Onkyo HT-S7700 5.1.2-Ch Dolby Atmos Ready Network A/V Receiver/Speaker Package Instruction Manual

## Onkyo HT-S7700

# Onkyo HT-S7700 5.1.2-Ch Dolby Atmos Ready Network A/V Receiver/Speaker Package Instruction Manual

Model: HT-S7700

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your Onkyo HT-S7700 5.1.2-Ch Dolby Atmos Ready Network A/V Receiver/Speaker Package. Please read this manual thoroughly before using the product to ensure proper and safe operation.

## 2. KEY FEATURES

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- Supports Dolby Atmos Multidimensional Sound Format
- 120 W/Ch (8 Ohms, 20 Hz-20 kHz, 0.08% THD, 2 Channels Driven, FTC)
- 4K/60 Hz-Capable HDMI 2.0 Terminals for Ultra HD Entertainment, and Supports HDCP 2.2 for Future 4K/Full HD Video Streaming and Broadcast
- Built-in Wi-Fi and Bluetooth with Advanced Music Optimizer DSP Technology
- 7 HDMI Inputs (1 Front/6 Rear) and 2 Outputs

## 3. SETUP

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### 3.1. Unpacking and Component Identification

Carefully unpack all components and ensure all items are present. The package includes the A/V receiver, front speakers with up-firing drivers, center speaker, surround speakers, and a powered subwoofer.



Figure 1: Overview of the Onkyo HT-S7700 home theater system components, including the receiver, various speakers, and subwoofer.

### 3.2. Speaker Placement (5.1.2 Configuration)

For optimal Dolby Atmos sound, position the speakers as follows:

- **Front Speakers:** Place these on either side of your television, ensuring the up-firing drivers are unobstructed. These speakers project sound upwards to reflect off the ceiling, creating overhead effects.
- **Center Speaker:** Position directly above or below the center of your television.
- **Surround Speakers:** Place to the sides or slightly behind your main listening position.
- **Subwoofer:** Can be placed in a corner or near the front speakers for best bass response.



Figure 2: Front view of the Onkyo HT-R693 A/V Receiver, showing the display and control knobs.

### 3.3. Connections

Connect your devices to the A/V receiver using the appropriate ports. The receiver features 7 HDMI inputs (1 front, 6 rear) and 2 HDMI outputs, supporting 4K/60Hz video and HDCP 2.2 for content protection.

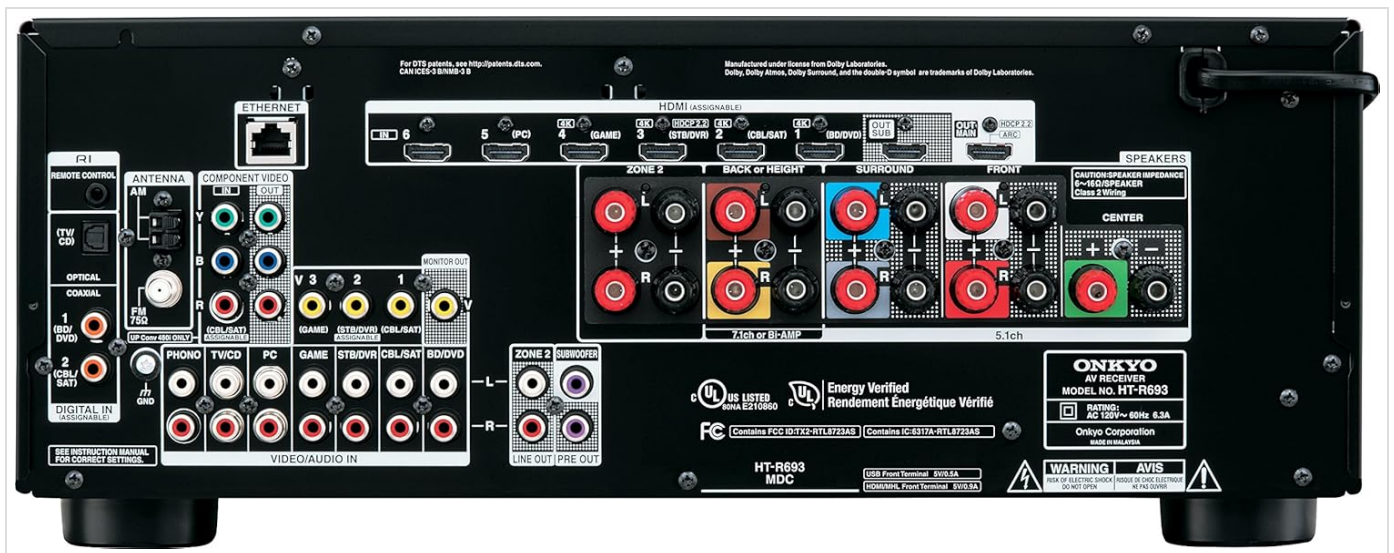


Figure 3: Rear panel of the Onkyo HT-R693 A/V Receiver, illustrating the extensive array of input and output connections for various audio and video sources.

Ensure all speaker wires are correctly connected to the corresponding terminals on the receiver and speakers. Pay attention to polarity (+/-).

### 3.4. AccuEQ Room Calibration

The Onkyo HT-S7700 features the exclusive AccuEQ Room Calibration System. This system automatically measures speaker distances, types, crossovers, and output levels to provide balanced sound tailored to your room's acoustics and furnishings. Connect the supplied calibration microphone to the front panel's SETUP MIC input and follow the on-screen instructions to initiate the calibration process.

## 4. OPERATING INSTRUCTIONS

### 4.1. Power On/Off

Press the ON/STANDBY button on the front panel or remote control to turn the receiver on or off.

### 4.2. Input Selection

Use the input selector buttons on the front panel or remote control (e.g., MOVIE/TV, GAME, PC, AUX) to switch between connected audio/video sources.

### 4.3. Volume Control

Adjust the MASTER VOLUME knob on the receiver or use the volume buttons on the remote control to set the desired listening level.

### 4.4. Network Features and Streaming

The receiver has built-in Wi-Fi and Bluetooth. Connect to your home network to access various streaming services such as Spotify, Pandora, and SiriusXM Internet Radio. You can also stream audio wirelessly from your mobile devices via Bluetooth.

### 4.5. ONKYO Remote App 2

Download the ONKYO Remote App 2 for Apple iOS or Android devices to control the HT-S7700 from your smartphone or tablet. The app allows for input selection, volume control, listening mode changes, and access to streaming services.



Video: This video provides a visual overview of the Onkyo HT-S7700 system, demonstrating its Dolby Atmos capabilities, HDMI 2.0 connectivity, built-in Wi-Fi and Bluetooth, and the AccuEQ room calibration system. It highlights how these features enhance the home theater experience.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your Onkyo HT-S7700 system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the receiver and speakers. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure adequate ventilation around the receiver to prevent overheating. Do not block ventilation openings.
- **Cable Management:** Keep cables tidy and organized to prevent damage and interference.
- **Firmware Updates:** Periodically check for and install firmware updates to ensure your system has the latest features and bug fixes.

## 6. TROUBLESHOOTING

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If you encounter issues with your Onkyo HT-S7700, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely plugged into the receiver and a working electrical outlet.
- **No Sound:** Check speaker connections, input selection, and volume level. Verify that the mute function is not activated.
- **"Check SP Wire" Error:** This error often indicates a short circuit in the speaker wiring. Disconnect all speaker wires from the receiver, inspect them for frayed strands or shorts, and re-connect them securely. Ensure no bare wires are touching each other or the receiver's chassis.
- **No Picture:** Verify HDMI cable connections between the source device, receiver, and TV. Ensure the correct HDMI input is selected on both the receiver and the TV. Check HDCP compatibility for 4K content.
- **Network Connection Issues:** Restart your router and the receiver. Ensure Wi-Fi settings are correctly configured on the receiver.
- **Audio Sync Issues:** If audio and video are out of sync, check the receiver's settings for an Audio Sync or Lip Sync adjustment. Some users have reported that disabling 'Picture Mode' processing (setting to 'Bypass') can resolve sync issues.

For more complex issues, consult the full user manual or contact Onkyo customer support.

## 7. SPECIFICATIONS

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Specification	Value
Product Dimensions	30 x 31 x 20 inches
Item Weight	36.4 pounds
Manufacturer	Onkyo
ASIN	B00LU0GOUO
Item Model Number	HT-S7700
Batteries	2 AA batteries required (included)
Date First Available	July 14, 2014

## 8. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your product or visit the official Onkyo website. Keep your proof of purchase for warranty claims.

**Onkyo Store:** Visit the Onkyo Store on Amazon