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Sony STRDH750

Sony STRDH750 7.2 Channel 4K AV Receiver User Manual

Model: STRDH750 | Brand: Sony

1. INTRODUCTION

The Sony STRDH750 is a 7.2 channel AV receiver designed to deliver a powerful and immersive home theater experience. Featuring 4K resolution pass-through and Bluetooth connectivity, it serves as a central hub for all your audio and video components. This manual provides essential information for setting up, operating, and maintaining your receiver.

2. WHAT'S IN THE BOX

Upon unpacking, ensure all items are present:

- Sony STRDH750 AV Receiver Unit
- Remote Control
- Power Cord
- Calibration Microphone

Note: Speaker wires, HDMI cables, and optical cables are typically sold separately.

3. SETUP

3.1 Connecting Speakers

Connect your speakers to the corresponding terminals on the rear panel of the receiver. Ensure correct polarity (+ to + and - to -) for each speaker. The STRDH750 supports 5.1 and 7.1 channel configurations. Speaker impedance should be between 6-16 ohms.



Figure 3.1: Rear panel connections for speakers and other devices.

3.2 Connecting Audio/Video Devices

Use HDMI cables to connect your video sources (e.g., Blu-ray player, game console, cable box) to the HDMI IN ports. Connect your TV to the HDMI OUT (ARC) port. For audio-only devices or older components, use the optical, coaxial, or analog audio inputs.

3.3 Power Connection

Plug the power cord into the AC IN terminal on the receiver's rear panel, then into a wall outlet.

3.4 Auto Calibration

For optimal sound performance, use the supplied calibration microphone. Connect it to the CALIBRATION MIC jack on the front panel. Place the microphone at your primary listening position and follow the on-screen instructions to automatically adjust speaker levels, distances, and frequency response for your room's acoustics.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the **POWER** button on the front panel or the remote control to turn the receiver on or off.

4.2 Input Selection

Rotate the **INPUT SELECTOR** knob on the front panel or use the input buttons on the remote control to switch between connected devices (e.g., BD/DVD, SAT/CATV, GAME, TV).

4.3 Volume Control

Adjust the master volume using the **MASTER VOLUME** knob on the front panel or the **VOLUME +/-** buttons on the remote control.

4.4 Bluetooth Pairing

To stream audio wirelessly from a Bluetooth device:

1. Press the **BLUETOOTH** button on the remote or front panel to select the Bluetooth input. The display will show "PAIRING".
2. Enable Bluetooth on your mobile device and search for available devices.
3. Select "STRDH750" from the list on your device to pair.
4. Once paired, you can play audio from your device through the receiver.

Your browser does not support the video tag.

Video 4.1: Demonstrating music streaming via Bluetooth on the Sony STRDH750 receiver.

4.5 FM Tuner

Press the **FM** button on the remote control to switch to the FM tuner. Use the **TUNING +/-** buttons to find radio stations.

5. FEATURES

- **7.2 Channel Output:** Delivers 1015W (145W x 7 at 6 ohms, 1kHz, THD 0.9%) for powerful surround sound.
- **4K Resolution Pass-through:** Supports the latest 4K video signals for high-quality visuals.
- **Bluetooth Connectivity (Version 2.1):** Easily stream music wirelessly from smartphones, tablets, and other compatible devices.
- **HD Digital Cinema Sound:** Enhances movie audio for a theater-like experience.
- **On Screen Display:** Provides an intuitive interface for navigating settings and inputs directly on your TV screen.
- **Streamlined Remote Control:** Simplifies operation with an easy-to-use remote.
- **MHL Capable HDMI Port:** Allows for direct connection of MHL-enabled mobile devices.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Sony STRDH750 receiver, follow these maintenance guidelines:

- **Cleaning:** Wipe the exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure adequate ventilation around the receiver. Do not block any ventilation openings. Allow sufficient space (at least 4 inches) on all sides for proper airflow to prevent overheating.
- **Power:** Disconnect the power cord from the wall outlet before cleaning or if the unit will be unused for an extended period.

7. TROUBLESHOOTING

If you encounter issues with your receiver, try the following basic troubleshooting steps:

- **No Power:** Check if the power cord is securely connected to both the receiver and the wall outlet. Ensure the outlet is functional.
- **No Sound:** Verify all speaker connections are secure. Confirm the correct input source is selected. Check the volume level and ensure the MUTE function is not active.
- **Poor Audio/Video Quality:** Ensure all cables (HDMI, optical, etc.) are securely connected and not damaged. Try using different cables if possible. Check the source device settings.
- **Bluetooth Connection Issues:** Ensure the receiver is in pairing mode and your device's Bluetooth is

enabled. Try unpairing and re-pairing the device.

For more detailed troubleshooting, refer to the full online instruction manual available on the Sony support website.

8. SPECIFICATIONS

Product Dimensions	19.44 x 15.44 x 9 inches
Item Weight	1 pounds
Manufacturer	Sony
Item Model Number	STRDH750
Connectivity Technology	HDMI 2.0, Bluetooth Version 2.1, USB
Total HDMI Ports	4
Audio Output Mode	Surround
Surround Sound Channel Configuration	5.1 Channel, 7.1 Channel
Video Encoding	H.264, H.265/HEVC

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Sony support website. You can find detailed FAQs, troubleshooting guides, and contact information for customer service there.