

## Sony STR-DA2800ES

# Sony STR-DA2800ES 7.2 Channel 4K AV Receiver Instruction Manual

Model: STR-DA2800ES

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Sony STR-DA2800ES 7.2 Channel 4K AV Receiver. Please read this manual thoroughly before using the receiver and retain it for future reference. This receiver is designed to deliver high-quality audio and video performance, integrating advanced features for a comprehensive home theater experience.

## 2. SAFETY INFORMATION

To prevent fire, electric shock, or product damage, observe the following safety precautions:

- **Power Source:** Connect the unit only to an AC power source within the specified voltage range.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Maintain a minimum clearance of 10 cm (4 inches) around the unit.
- **Liquids:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids, such as vases, on the unit.
- **Foreign Objects:** Do not insert any metallic objects or flammable materials into the unit's ventilation openings.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, level surface away from direct sunlight, heat sources, and excessive dust or vibration.

## 3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Sony STR-DA2800ES AV Receiver Unit
- Remote Control
- AA Batteries (for remote control)
- Setup Microphone
- FM Wire Antenna
- AM Loop Antenna
- Power Cord

## 4. FRONT PANEL OVERVIEW

The front panel provides access to essential controls and indicators for daily operation.



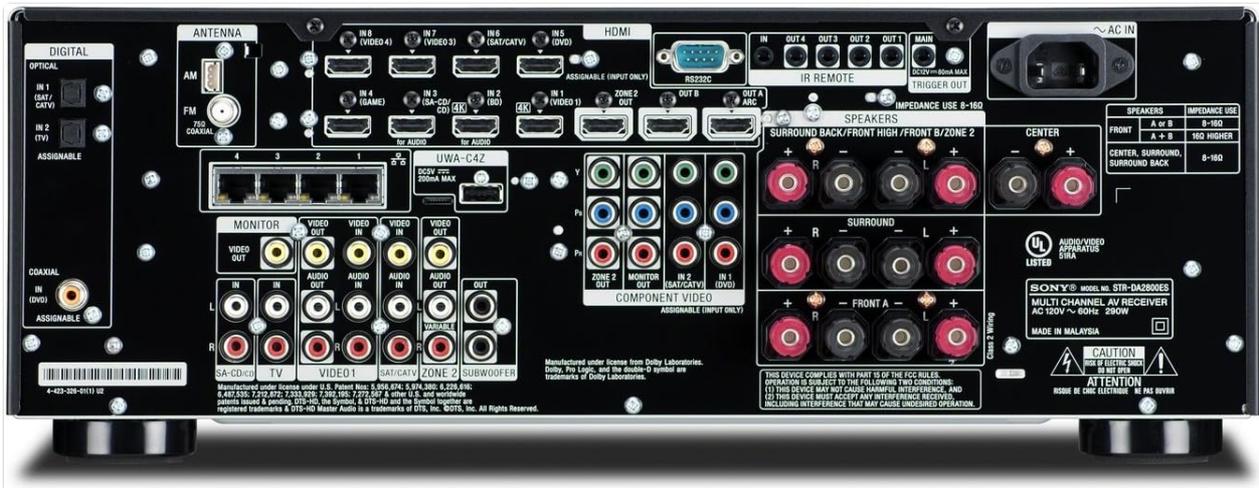
**Image 1:** Front view of the Sony STR-DA2800ES AV Receiver. This image displays the receiver's front panel, featuring the power button, input selector knob, master volume knob, display screen, and various function buttons for tuning, tone control, and memory.

Key controls include:

- **ON/STANDBY Button:** Powers the receiver on or off.
- **INPUT SELECTOR Knob:** Rotates to choose the desired audio/video input source.
- **MASTER VOLUME Knob:** Adjusts the overall sound level.
- **DISPLAY MODE Button:** Changes the information shown on the front display.
- **TONE/TUNING Buttons:** Adjusts tone settings or radio tuning.
- **MEMORY/ENTER Button:** Used for saving settings or confirming selections.
- **PHONES Jack:** Connects headphones for private listening.
- **SPEAKERS (OFF/A/B/A+B) Button:** Selects which speaker sets are active.

## 5. REAR PANEL CONNECTIONS

The rear panel houses all input and output terminals for connecting your audio and video components.



**Image 2:** Rear view of the Sony STR-DA2800ES AV Receiver. This image shows the comprehensive array of connection ports, including multiple HDMI inputs and outputs, speaker terminals for 7.2 channels, digital and analog audio inputs, component video inputs, and network/USB ports.

Key connection types:

- **HDMI IN/OUT:** Connects HDMI-compatible devices (e.g., Blu-ray player, game console) and your TV/projector. The receiver features 8 HDMI inputs and 2 HDMI outputs.
- **COMPONENT VIDEO IN:** For connecting devices with component video output.
- **DIGITAL AUDIO IN (OPTICAL/COAXIAL):** For digital audio sources.
- **ANALOG AUDIO IN/OUT:** For traditional analog audio connections.
- **SPEAKER TERMINALS:** Connect your 7.2 channel speaker system. Ensure correct polarity (+/-) and impedance matching (8 Ohm recommended).
- **NETWORK (LAN) Port:** For wired internet connection.
- **USB Port:** For connecting USB storage devices.
- **ANTENNA (FM/AM):** Connect the supplied FM wire and AM loop antennas.

## 6. SETUP

### 6.1 Speaker Connection

Connect your speakers to the corresponding terminals on the rear panel. The STR-DA2800ES supports a 7.2 channel configuration. Ensure that the impedance of your speakers is compatible with the receiver (8 Ohm recommended). Connect the front, center, surround, surround back, and subwoofer speakers according to the labels.

### 6.2 HDMI Connection

1. Connect your source devices (e.g., Blu-ray player, game console, cable box) to the HDMI IN ports on the receiver. The receiver has 8 HDMI inputs.
2. Connect your TV or projector to one of the HDMI OUT ports (e.g., HDMI OUT 1 or HDMI OUT 2).
3. For optimal 4K video quality, ensure your HDMI cables are high-speed and support 4K resolution.

### 6.3 Network Connection

Connect an Ethernet cable from your router to the NETWORK (LAN) port on the receiver for a stable internet

connection. This enables network features such as music streaming and firmware updates.

## 6.4 Initial Setup Wizard and Automatic Calibration

Upon first power-on, the receiver will guide you through an initial setup wizard. Use the supplied setup microphone to perform automatic speaker calibration. Place the microphone at your primary listening position, and the receiver will automatically detect speaker connections, adjust levels, and optimize sound settings for your room.

# 7. OPERATING

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## 7.1 Basic Operation

- **Power On/Off:** Press the ON/STANDBY button on the front panel or remote control.
- **Input Selection:** Use the INPUT SELECTOR knob on the front panel or the input buttons on the remote control to switch between connected devices.
- **Volume Control:** Adjust the MASTER VOLUME knob on the front panel or the volume buttons on the remote control.

## 7.2 Sound Modes

The receiver offers various sound modes to enhance your listening experience. Use the remote control to select modes such as Surround Sound, Stereo, or Direct. Refer to the on-screen display for available options.

## 7.3 Network Features

With a network connection, you can stream music from supported internet services like Pandora and Slacker. The receiver can also be controlled via a dedicated app on compatible Android or iOS smartphones.

## 7.4 4K Pass-through and Upscaling

The STR-DA2800ES supports 4K pass-through, allowing 4K video signals from source devices to pass through to a 4K display without degradation. It also features 4K upscaling, which can enhance lower-resolution video content to near-4K quality.

## 7.5 Home Automation Integration

This receiver is designed for integration into home automation systems, including Control4. It supports custom scenes for automated control of your home theater and lighting, enhancing convenience and user experience.

# 8. MAINTENANCE

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- **Cleaning:** Wipe the exterior of the receiver with a soft, dry cloth. Do not use abrasive pads, scouring powder, or solvents such as alcohol or benzene.
- **Ventilation:** Regularly check that the ventilation openings are not obstructed by dust or debris.
- **Power Cord:** Disconnect the power cord from the wall outlet if the unit will not be used for an extended period.

# 9. TROUBLESHOOTING

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If you encounter issues with your receiver, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No power	Ensure the power cord is securely connected to both the receiver and a working wall outlet. Check the ON/STANDBY button.
No sound	Check speaker connections and ensure they are correctly wired. Verify the input source is selected correctly. Adjust volume. Ensure speakers are not set to OFF.
No video	Verify HDMI connections from source to receiver and receiver to TV. Ensure the correct input is selected on both the receiver and the TV.
Network connection issues	Check Ethernet cable connection. Restart your router and the receiver. Verify network settings in the receiver's menu.
Remote control not working	Replace batteries. Ensure no obstructions between the remote and the receiver's IR sensor.
HDMI pass-through unreliable when receiver is off	This can sometimes occur. Try turning the receiver on and then off again to re-establish the pass-through signal. Ensure HDMI Control (BRAVIA Sync) settings are configured correctly.
Blu-ray player menu not detected through receiver	Ensure the Blu-ray player is connected to an appropriate HDMI input. Check HDMI Control settings on both the receiver and the Blu-ray player. Some players may have specific settings for HDMI output when connected via a receiver.

If the problem persists after attempting these solutions, contact Sony customer support.

## 10. SPECIFICATIONS

- **Model Number:** STR-DA2800ES
- **Channels:** 7.2 Channel
- **Output Power:** 100W per channel (8 Ohm, 20-20kHz, 0.09% THD)
- **Total HDMI Ports:** 8 (Inputs), 2 (Outputs)
- **Connectivity Technology:** Bluetooth, Ethernet, HDMI, USB
- **Controller Type:** Android, Control4, iOS
- **Supported Internet Services:** Pandora, Slacker
- **Audio Output Mode:** Surround
- **Item Weight:** 30.63 Pounds (approx. 13.9 kg)
- **Manufacturer:** Sony

## 11. WARRANTY AND SUPPORT

This Sony product is covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Sony support website. For technical assistance, troubleshooting, or service inquiries, please contact Sony customer support through their official

channels.

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