Sony STRZA1100ES

Sony STR-ZA1100ES AV Receiver User Manual

Model: STR-ZA1100ES

Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Setup

1.1 Unpacking and Contents

Carefully remove the receiver and all accessories from the packaging. Ensure all components listed below are present:

- Sony STR-ZA1100ES AV Receiver
- Calibration microphone
- FM wire antenna
- AM loop antenna
- AC power cord
- Remote control (RMT-AA320U)
- R03 (size-AAA) batteries (2)
- Front cover



Figure 1.1: Front view of the Sony STR-ZA1100ES AV Receiver with its front panel closed, showing the display and master volume knob.

1.2 Placement

Place the receiver on a stable, level surface with adequate ventilation. Avoid placing it near heat sources or in direct sunlight. Ensure there is sufficient space around the unit for proper airflow.

1.3 Connecting Speakers

Connect your speakers to the appropriate speaker terminals on the rear of the receiver. The STR-ZA1100ES supports a 7.2 channel configuration. Ensure correct polarity (+ to + and - to -) for all speaker connections.

1.4 Connecting Audio/Video Devices

The receiver offers various input and output terminals for connecting your audio and video sources:

- **HDMI Inputs (5):** For connecting devices such as Blu-ray players, game consoles, and set-top boxes. Supports 4K HDR and HDCP 2.2.
- **HDMI Output (2):** For connecting to a TV or projector.
- **Optical Audio Inputs (2):** For digital audio connections.
- **Coaxial Audio Input (1):** For digital audio connections.
- **Analog Audio Inputs (4):** For connecting analog audio sources.
- **Component Video Inputs (2 Assignable):** For older video sources.
- **Composite Video Inputs (2):** For older video sources.
- **Composite Monitor Out (1):** For connecting to a display.
- **USB Port (1 Front):** For connecting USB storage devices.
- **Ethernet Port (1):** For network connectivity and IP control.
- **Pre Out Subwoofer (2):** For connecting powered subwoofers.



Figure 1.2: Front view of the Sony STR-ZA1100ES AV Receiver with its front panel open, showing various input selection buttons and navigation controls.

1.5 Initial Setup and Calibration

After connecting all devices and speakers, perform the initial setup using the on-screen display (OSD) and the supplied calibration microphone. This process optimizes sound settings for your specific room acoustics and speaker configuration.

1. Connect the receiver to your TV via HDMI.
2. Power on the receiver and TV.
3. Follow the on-screen instructions for initial setup.
4. Connect the calibration microphone to the dedicated port on the front panel and place it at your primary listening position.
5. Initiate the automatic calibration process as prompted by the OSD.

The receiver also supports web browser configurable setup for advanced users and custom integrators, allowing for seamless IP Control integration with leading control systems.

2. Operation

2.1 Basic Functions

- **Power On/Off:** Press the **POWER** button on the front panel or remote control.
- **Input Selection:** Use the input selector buttons (e.g., BD/DVD, SAT/CATV, GAME) on the front panel or 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.

2.2 Sound Modes and Enhancements

The STR-ZA1100ES supports various audio formats and sound processing technologies:

- **Dolby Atmos and DTS:X:** Object-based surround sound formats for immersive audio experiences. Ensure your content and speaker setup support these formats.
- **IMAX Enhanced:** Provides an optimized audio and video experience for IMAX Enhanced content.
- **Sound Field:** Select various sound fields (e.g., MOVIE, MUSIC, A.F.D.) to match your content and preference. The

A.F.D. (Auto Format Direct) mode reproduces sound as recorded by the source.

- **Tone Control:** Adjust Bass and Treble levels for individual channels (Front, Center, Surround, Surround Rear) via the menu.

2.3 Multi-Zone Operation

The receiver supports multi-zone audio, allowing you to enjoy different audio sources in separate rooms (Zone 2). Refer to the on-screen menu for configuring and controlling Zone 2 output.

2.4 USB Playback

Connect a USB storage device to the front USB port to play audio files. Navigate through files and folders using the receiver's on-screen display and remote control.

3. Maintenance

3.1 Cleaning

To maintain the appearance and performance of your receiver:

- Wipe the exterior surfaces with a soft, dry cloth.
- Do not use abrasive pads, scouring powder, or solvents such as alcohol or benzene.
- Avoid spraying insecticides or volatile liquids near the unit.

3.2 Firmware Updates

Periodically check the Sony support website for firmware updates. Updates can improve performance, add features, or resolve issues. Follow the instructions provided with the firmware update carefully.

4. Troubleshooting

4.1 No Power

- Ensure the AC power cord is securely connected to both the receiver and a working wall outlet.
- Check if the power outlet is functional by plugging in another device.

4.2 No Sound

- Verify that the correct input source is selected.
- Check speaker connections for proper polarity and secure fit.
- Ensure the volume is not set to minimum or muted.
- Confirm that the audio output settings on your source device are correctly configured (e.g., HDMI audio output enabled).
- If using digital audio inputs (optical/coaxial), ensure the cables are connected correctly and the source device is outputting digital audio.

4.3 No Video

- Ensure the correct input source is selected on the receiver and the correct HDMI input is selected on your TV.
- Check all HDMI cable connections between the source device, receiver, and TV. Try using different HDMI cables if

necessary.

- Verify that your TV is set to the correct HDMI input.

4.4 Remote Control Not Working

- Replace the batteries with new R03 (size-AAA) batteries.
- Ensure there are no obstructions between the remote control and the receiver's remote sensor.
- Point the remote control directly at the receiver.

4.5 Connectivity Limitations

Please note that the Sony STR-ZA1100ES receiver does not include built-in Bluetooth or Wi-Fi capabilities for direct wireless audio streaming. For wireless connectivity, external devices or network integration via the Ethernet port are required.

5. Specifications

Feature	Detail
Model Number	STRZA1100ES
Channels	7.2 Channel
Power Output	100W per channel (8 ohms, 1KHz, 0.9% THD, 2 channels driven)
Surround Sound Decoding	Dolby Atmos, DTS:X, IMAX Enhanced
HDMI Inputs	5 (4K HDR, HDCP 2.2 compatible)
HDMI Outputs	2
Other Audio Inputs	2 Optical, 1 Coaxial, 4 Analog
Video Inputs	2 Component, 2 Composite
USB Port	1 (Front)
Ethernet Port	1
Dimensions (W x H x D)	17 x 6.8 x 16.1 inches (approx.)
Weight	32.8 pounds (approx.)
Power Requirement	120V 60Hz
Included Accessories	Calibration microphone, FM/AM antennas, AC cord, Remote control, AAA batteries, Front cover

6. Warranty & Support

6.1 Manufacturer's Warranty

This Sony product is covered by a limited manufacturer's warranty. Please refer to the warranty card included in the

packaging or visit the official Sony website for detailed terms and conditions regarding warranty coverage, duration, and service procedures.

6.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Sony customer support. You can find contact information and additional resources on the official Sony support website:

Visit Sony Support Website

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