

STRAZ1000ES

Premium ES 7.2 CH 8K A/V Receiver

Elevate your home theater standards with Sony's 7.2 CH 8K A/V Receiver featuring renowned ES quality.¹ Designed for integrators with optimized configurability, flexible connectivity, and advanced IP control for leading control systems. The STR-AZ1000ES is the total package for audio/visual performance and installation friendly features.



Bullets

- 7.2 CH A/V Receiver (8 ohms, 1 kHz, 2ch, THD 0.9%)
- 8K & 4K/120 HDMI Connectivity with HDMI 2.1 support (6-in/2-out)^{1,4}
- Supports Dolby Atmos® & DTS:X® object-based sound decoding
- Truly Immersive audio with Digital Cinema Auto Calibration IX and 360 Spatial Sound Mapping
- Support for the most common HDR formats Dolby Vision, HDR10, Hybrid Log Gamma, IMAX Enhanced^{6,9}
- "Works with SONOS" makes it possible to integrate the STR-AZ1000ES with your new or already existing SONOS system.^{5,6}
- Stream your way with Bluetooth, Wi-Fi, Chromecast built-in, Spotify Connect, and Apple AirPlay.^{6,7,11}
- Connects to your home's other devices with Google Assistant⁸
- Optimized especially for custom in-home integration, and system configuration - Seamless IP Control integration with the leading control systems⁹
- Flexible setup options with built-in graphical user interface or front panel display
- Zone 2 & Zone 3 for Flexible, multi-zone distribution capability
- Premium componentry meets ES standards for audio performance
- Center channel enhancements include Center Speaker Lift Up and Acoustic Center Sync¹²
- Control with Sony Music Center app⁶
- Compatible with Sony's SA-RS3S & SA-RS5 wireless rear speakers and SA-SW3 & SA-SW5 wireless subwoofers¹³
- Covered by our Sony® ES 5-Year Limited Warranty¹⁰

Features

8K & 4K/120 HDMI Connectivity

Enjoy the latest HDMI technology with support for 8K & 4K/120 video sources.^{1,4} Equipped with four 8K HDMI inputs and two outputs the STR-AZ1000ES is capable of delivering the most stunning picture quality and amazing clarity.³

Support for the most advanced object-based audio formats

With support for Dolby Atmos®, Dolby Speaker Virtualization, DTS:X®, and DTS Virtual: X the STR-AZ1000ES delivers a truly elevated object-based surround-sound experience.

360 Spatial Sound Mapping

Experience true immersion. Sony's exclusive 360 Spatial Sound Mapping technology reproduces a physical sound field that can adapt to your environment and create an experience that feels like a movie theatre or concert hall.¹³

Digital Cinema Auto Calibration IX

A new technology developed by Sony, Digital Cinema Auto Calibration IX precisely corrects the distance, angle, sound pressure, and frequency response of each speaker that's connected to the STR-AZ1000ES to create the ideal sound field for any home theater setup.

Supports Dolby Vision, HDR10, and Hybrid Log Gamma, and IMAX Enhanced

Enjoy dynamic, realistic picture quality with support for exciting HDR formats like Dolby Vision, HDR10, Hybrid Log Gamma, and IMAX Enhanced.⁹

"Works with SONOS"

From the SONOS app you will be able to turn on your A/V receiver, switch to the designated input source for playback, and

control the volume of your A/V receiver.^{5, 6}

Easy Listening

Listen to all your favorite tracks. The STR-AZ1000ES supports audio streaming via Bluetooth[®],¹¹ Wi-Fi, Chromecast built-in,⁷ Spotify Connect, and Apple AirPlay[®].⁶

Voice Assistant Compatibility

Connect to your home's other devices, and use voice control to operate your receiver with Google Assistant.⁸

Roon Tested

Enjoy seamless integration with your Roon system for full access to all your music—including your digital files and streaming services—all in one place.⁶

Compatible with Sony Music Center app

Control the STR-AZ1000ES from your mobile device for operations like source selection, zone control, sound field control, volume control, media playback, and voice assistant setup.⁶

Center Speaker Lift Up and Acoustic Center Sync

Enhance your sound multiple ways: Center Speaker Lift Up raises the sound from the center speaker to match what's on the TV, Acoustic Center Sync matches the audio to your compatible BRAVIA TV.¹²

Support for integration with leading home control systems⁶

With support for leading control and remote monitoring systems Control4, Savant, Crestron, and OvrC, the STR-AZ1000ES is built for integration.⁶

Flexible setup options

Installing the STR-AZ1000ES is easy. Setup can be performed via the onscreen Graphical User Interface (GUI).

USB Front Input with settings save option

Using the front mounted USB, you can easily apply system updates and during setup, save all receiver settings to a flash drive for backing up and porting over to another unit to replicate settings.

RS232C Port

RS232C port for control system configuration.

Zone 2 & Zone 3

Flexible multi-zone distribution capability.

Go Wireless

Sony's SA-RS3S & SA-RS5 wireless rear speakers and SA-SW3 & SASW5 wireless subwoofers (Sold sep.) are compatible with the STR-AZ1000ES. Two subwoofers of the same model may be connected simultaneously to the receiver.

DSEE Ultimate

Using AI-based technology, DSEE Ultimate accurately upscales audio to near-high-resolution sound quality.

HDMI 2.1

While enabling higher-quality video output and reduced latency from input devices like game consoles, HDMI 2.1 also provides support for Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR).^{3,4}

6 HDMI Inputs/2 Outputs

The STR-AZ1000ES has six HDMI inputs with two inputs supporting full 8K & 4K/120 video sources, and two HDMI outputs that also support full 8K & 4K/120 video sources.^{1,3,4}

Chassis and sub-chassis

With the addition of a sub-chassis structure on the rear of the front panel, the rigidity of the receiver is increased. This results in a further reduction of vibration and improved sound quality overall.

Power Supply Capacitors

The newly designed power supply capacitors, developed by Sony, improve stability and achieve superior sound quality.

New Large Capacity Power Transformer

The redesigned power transformer also features a new core material and bobbin to lower distortion and improve sound quality.

Redeveloped digital section

The new digital section enables all signal processing to be performed on a single chip while also providing lower impedance, increased capacitance, and better stability.

New DAC enables 32-bit operations

Digital PCM signal input is processed at 32-bit and converted to analog by the DAC, while DSD signal input during direct mode is natively input to the DAC and converted to an analog signal.

Improved analog power for DAC

The DAC analog power supply uses a low-noise power supply IC to ensure that performance hi-fidelity performance can be achieved.

Buffer amp for DAC

A new DAC analog output filter circuit was designed utilizing a JFET and op-amp improvement in noise floor. The phase rotation was shifted to a higher frequency, expanding the bandwidth and improving sound clarity for wide-bandwidth sources like high-resolution audio.

Sony exclusive integrated circuit

A Sony-exclusive integrated circuit was developed to improve all amplification function on the STR-AZ1000ES.

Hi-Res Audio & 360 Reality Audio

Enjoy music the way the artists truly intended with High-Resolution Audio for crystal clear precision or discover a new way of listening with 360 Reality Audio⁷ for a truly immersive live concert or studio session experience.⁶ With the STR-AZ1000ES, your music comes to life like never before.¹²

Covered by Sony® ES 5-Year Limited Warranty

All ES-Series receivers come with a 5-year parts and labor warranty, and dedicated toll-free support staffed by trained product experts. (1-877-619-7669); Monday–Friday 10 a.m.–7 p.m. ET¹⁰

Specification

Interface	
HDMI supporting HDCP2.2 In/Out	HDMI supporting HDCP2.2 In/Out: 6(0), HDMI Output supporting HDCP2.2: 2
Input and Output Terminals	Composite Monitor Out: 1, Opt: 1, Coax.:1, Analog Audio In: 4, Headphone Out: Yes, Pre Out (Subwoofer): 2, USB Front(ver) / Rear(ver): 1/0, Ethernet Port (Power over Ethernet): 1(0)
Speaker Output Terminals	Front A, Center, Surround
Network Connectivity	
Network Features	Bluetooth Receiver, Bluetooth Transmitter, Wi-Fi
Spotify Connect	Yes
Amplifier	
Speaker Impedance	6ohms-16ohms

Sound Field	2ch Stereo, Direct, Auto Format Decoding, Multi Stereo, Audio Enhancer, Headphone 2 CH
Audio Features	
Sound Enhancement Technologies	Pure Direct, DSD Native Playback, Center Speaker Lift Up, In-Ceiling Speaker Mode
Video Features	
A/V SYNC	Yes(Variable)
4K Output	HDMI Video Output Capability: 8K, 4K, 1080p, 1080/24p, Deep Color (up to 36 bit), Triluminous Color (xvYCC)
4K 60p 4:4:4 Support	Yes
3D over HDMI	Yes
HDR (High Dynamic Range)	Yes (HDR10, Hybrid Log Gamma, Dolby Vision)
Audio Return Channel	Yes
BRAVIA® SYNC™ (CEC Control)	Yes (System Audio Control, System Power Off, RC Pass Through, Language Follow, One-Touch Play)
HDMI™ Pass Through	Yes
Auto Speaker Calibration	
Calibration Features	D.C.A.C. IX / D.C.A.C. EX / Advanced D.C.A.C. / D.C.A.C.: D.C.A.C. IX, Speaker Relocation, Phantom Surround Back, Automatic Phase Matching, Calibration Mic: Stereo
Tuner Features	
FM/AM	Yes/-
Preset Channel (Sirius/XM/FM/AM)	TTL30 (30/0)
Decoding Format for HDMI	
Decoding Format for HDMI	DSD: Yes (Up to 2.8MHz 5.1ch), LPCM: Yes (Up to 192kHz/24 bit 7.1ch), DTS HD MA / DTS HD HR: Yes/Yes, Dolby TrueHD/Dolby Digital Plus: Yes/Yes, DTS / DTS-ES (Matrix6.1 / Discrete6.1): Yes/Yes, DTS 96/24: Yes, DTS:X: Yes, Dolby Dual Mono: Yes, Dolby Atmos: Yes
Decoding Format for USB/Network Client	
Hi-Res Format	DSDIFF(DSD), DSF, WAV(LPCM), AIFF(LPCM), FLAC, ALAC
Size & Weight	
Dimensions (W x H x D)	430x156x331mm
Weight	9.3kg

Custom Install & Control Features	
Zone2 Audio	HDMI(Fixed)
IR Repeat (In/Out)	Yes(1/1)
General Features	
GUI (Graphical User Interface)	Yes
Power Requirement	120V 60Hz
Power Consumption	240W
Auto Standby	Yes
Attachment	Calibration microphone, Calibration mic stand, FM wire antenna, AC power cord, Remote control, R03 (size-AAA) batteries

1. 8K: 7,680 x 4,320 pixels. Requires HDR compatible content from supported streaming services or HDR compatible content device connected via HDMI input (sold sep).
2. Requires HDMI® cable sold sep.
3. 4K: 3,840 x 2,160 pixels. Game title supporting 4K/120fps and/or VRR required.
4. Sonos app required. Device must be connected to a power source, plugged into a SONOS® port, have the same Wi-Fi or hardline connection.
<https://www.sonos.com/en-us/how-sonos-works>
5. 3rd party apps, network services, content, the operating system and software of this Product may be subject to individual terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information. Requires product to be connected to the wireless network. 360Reality Audio requires subscription to compatible online music service and third party terms, conditions, account and fees may apply.
6. Chromecast built-in compatibility dependent on app.
7. User must connect to a Google account to use, including voice to activate linked apps.
8. May require additional accessories. Check with your authorized dealer for details.
9. For full terms and conditions please visit <https://www.sony.com/electronics/support>
10. Interoperability and compatibility among Bluetooth® devices vary.
11. BRAVIA Acoustic Center Sync mode works with the following models: Z9J series, A90J series, A80J series, X95J series. Product availability varies by country. Integrated UI works with the following models: Z9J series, A90J series, A80J series, X95J series, X90J series, X85J series, X80J series, A80K series, X90K series, Z9K series, A95K series, A90K series and X95K series.
12. To use 360 Spatial Sound Mapping, it is necessary to run the auto calibration on the receiver using the supplied calibration microphone that comes with the receiver. 360 Spatial Sound Mapping can work with passive speakers and compatible wireless rear speakers (SA-RS3S & SA-RS5) but they must be connected to the receiver for the calibration.

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