SONY

STR-ZA3000ES

ES 7.2ch 4K AV Receiver

The perfect center to your automated home entertainment universe now with just the right amount of: flexible, multi-zone High Definition connectivity, easy IP integration with leading control systems, powerful browser-based configurability, and well-renowned ES build quality for an incredible Audio/Video experience that you won't easily forget.

Bullets

- 7.2 Ch. A/V Receiver (110W + 110W @ 8 Ohms, 20 – 20kHz, 0.9% THD)
- Optimized chassis and internal circuitry for incredible audio performance
- HDMI® with HDCP 2.2 support (6-in, 2-out: 1-main, 1-2nd zone)[1]
- Flexible HD connectivity with 8 assignable inputs (6 HDMI®, 2 component)[1]
- 8-port Giga Ethernet Hub with PoE (2) support[2] for flexible connectivity
- Convenient front USB for system updating and setup[3]
- Web browser configurable set-up (programming)
- Optimized for custom in-home integration, and system configuration
- Seamless IP Control integration with the leading control systems[4]
- Supports 4K upscaling[5] and pass-through with 3D and full TRILUMINOS™ color support[6]
- In-ceiling mode for natural, rich front-channel sound staging
- Flexible, full-resolution multi-zone distribution capability[4]
- Installer friendly remote commander with preset discrete command codes
- 3, 12-Volt triggers for triggering external peripherals, amplifiers, etc.[4]
- 3, IR repeaters (1-in, 2-out) for external device control[4]
- Supports Digital Cinema Surround, Dolby®, and dts® Digital Surround Audio Codecs
- Advanced Digital Cinema Audio Calibration for quick Set-Up
- Sony® ES 5-Year Limited Warranty[7]

Features

Beautiful seven-channel sound

With 110W per channel, the STR-ZA3000 delivers cinema-like surround sound and crystal clear music reproduction (110W + 110W @ 8 Ohms, 20 – 20kHz, 0.9% THD). For special installations, the amplifier can be configured to support: 2 pairs of speakers either independently (A or B) or simultaneously (A and B), in addition to Bi-Amp fashion.

Built for sound

Every detail from the removable aluminum faceplate, to electronic component selection, special 2nd generation ES solder, structural/chassis elements, and even screw placement has been scrutinized and tuned in the higher interest of reliably consistent sound performance.

8 High Definition inputs for system flexibility

Flexible HD connectivity with 8 assignable inputs (6 HDMI®, 2 component). HDCP 2.2 compliant this ES receiver also supports simple connectivity and full-playback of "4K Premium Content" with maximum visual and multi-channel sound quality.[1] In addition the ZA3000ES allows full, native 4K video content pass-through to 4K capable televisions and projectors, and even up-scales high definition movies and TV shows to 4K quality.[6]

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Optimized for custom in-home integration

Designed with the integrator in mind, Sony ES engineers took the class leading AVR GUI and tailored it for fluid integration into leading control systems using the front panel display or even web browser functionality. We've also redesigned the back panel layout to make wiring in a rack easier. Whether it's including an Install manual with a product manual or discrete IR codes in the remote, we've focused on helping you exceed your customers' expectations.

8-Port Audio grade Giga Ethernet Switch

An 8-Port Ethernet switch with PoE, Power over Ethernet functionality[2] (2 outlets), Ideal for local interfacing to: leading control systems, computers, media boxes, Blu-Ray Disc™ players, and game consoles directly through the receiver.

USB Front Input

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.[3]

Web Browser configurable

View, program and edit receiver settings via your Web Browser, computer, smartphone, or tablet. Enter the following into your web browser*: "http://[receiver's ip-address]/". * — Most modern web browsers are supported.

Seamless IP Integration

With help from your authorized ES dealer/installer the full power of an ES receiver can easily integrated into expanded home automation including multi-zone audio, lighting and shades, security, appliances and almost anything else you can imagine. Control4® Certified and featuring Crestron Connected™, AMX Beacon, Savant, URC and RTI support, The STR-ZA3000ES also features12-volt triggers, RS232 and IR, for added installation flexibility.[4]

'PING' button

Easing the IP integration process is the addition of a 'PING' button on the front of the unit for quick access to unit-specific IP information (IP and MAC address) via the front display and also easy sharing of unit 'discovery' protocols with 3rd party CI controllers.

In-Ceiling speaker mode

Developed especially for use with in-ceiling speakers and easily configured during setup, In-Ceiling Speaker Mode virtually relocates the Front and Center in-ceiling speaker sound images to better coincide with the screen. Dialog and music will sound as if coming from the screen instead of the ceiling.

Flexible zone distribution

Flexible zone distribution capability allows a Z-Series receiver to distribute audio/video sources to the 1st and 2nd zones in varying configurations providing expanded options.

Discretion advised...

Enjoy enhanced system integration, with The supplied remote control, Call up Test Tones and Video signals at the push of a button. Access frequently used Menu settings, or take advantage of discrete IR codes to ensure that remote commands perform as advertised.

Full HDMI® color gamut support

With x.v.Color™ and Deep Color technology capability, you can rest assured that all HDMI® connected video sources will look their best, displaying nearly twice (1.8x) as many viewable colors as the existing RGB color standard.[1]

Only what's necessary...

A powerful catalog of playback CODECs: Digital Cinema Surround, Dolby®, dts® Digital Surround, and Neo:6 Cinema Audio Codec support ensure an optimized listening experience every time...

Advanced Digital Cinema Auto Calibration — Quick Speaker Set Up

A powerful integration tool, Advanced Digital Cinema Auto Calibration with Auto Phase Matching (APM) functionality ensures automatic, optimized audio output settings based on speaker distance and placement (microphone supplied).

Sony® ES 5-Year Limited Warranty

All ES-Series receivers come with an industry leading 5-year parts and labor warranty, 90-day advanced exchange program, and dedicated toll-free support line staffed by CEDIA-trained product experts. (1-877-619-7669; Monday – Friday 10am – 7pm ET)[7]

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Amplifier/Receiver

AMPLIFIER FEATURES	
Bi-AMP	Yes
Digital Legato Linear	Yes
Number of Amp channels	7 channels
Sound Optimizer	Yes
Speaker Impedance	6 – 16 Ohms
Speaker Selector	A/B, A+B, Off
Speaker Terminal	Screw (Ni)
Sub Woofer X' Over	17 points (40 – 200Hz)
AMPLIFIER POWER	
8 Ohms, 20 – 20kHz, 2ch driven	110W + 110W, THD .9%
CIS & CONTROL FEATURES	
2nd A	Speaker & Line (Variable & Fixed)
DCAC FEATURES	
Automatic Phase Matching	Yes
DCAC	Advanced D.C.A.C
Mic	Mono
NETWORK FEATURES	
CIS IP Control	Yes
Network Update	No

Audio Features

DECODING FORMAT	
192kHz / 24bit	LPCM, Yes
96kHz / 24bit	LPCM, Yes
DTS / DTS-ES (Matrix6.1 / Discrete6.1)	Yes / Yes
DTS 96 / 24	Yes
DTS HD MA / DTS HD HR	Yes / Yes
Dolby Digital EX / Dolby Digital	Yes / Yes
Dolby Prologic / II /IIx / IIz	Yes / Yes / Yes / No
Dolby TruHD / Dolby Digital +	Yes / Yes
SOUND FIELD	
2ch	Yes
A.F.D. Auto	Yes
Analog Direct	Yes
HD-D.C.S.	Yes
Multi Stereo	Yes
Neo:6 Cinema	Yes
PLII Movie	Yes
PLIIx Movie	Yes

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TUNER	
Auto Tuning	Yes
Direct Tuning	Yes
Preset Channel (FM/AM)	60 Total (30 FM, 30 AM)
Station Name	Yes

General

INSTALLATION	
12V Trigger	3
2nd V	HDMI / Component / Composite
3rd A	Line (Variable / Fixed)
Certification (AMX/Crestron/Control 4)	Yes / Yes / Yes
IR Repeat (In/Out)	Yes (1-in, 2-out)
RS-232C for Control	Yes
OTHER	
Assignable Component Video In	Yes
Assignable HDMI Video In	Yes
Auto Standby	Yes
Detachable AC	Yes
Digital Input Assign	Yes, Optical and Coaxial
Easy Automation	Yes with Custom Preset
GUI	Yes with Easy Setup Wizard
GUI Blending Output (from Composite / Component / HDMI) (2)	Yes
GUI Language	English, French, Spanish
Pin Jack	Nickel
Power Consumption	290 W
Power Requirement	120 V, 60 Hz
Sleep Timer	Yes (up to 2 hours)
Update Capability	Yes, via USB

Inputs and Outputs

AUDIO INPUTS	
Analog Audio In	4
Coaxial	1
Optical In	2
AUDIO OUTPUTS	
Pre Out (Center)	Yes
Pre Out (Front (L/R))	Yes
Pre Out (Subwoofer)	Yes
Pre Out (Surround (L/R))	Yes
Pre Out (Surround Back (L/R))	Yes
OTHER INPUTS AND OUTPUTS	
Ethernet (Switching HUB)	8-port Giga Ethernet Hub (with PoE support (2))
USB	1 (front, for setting Save / Load)

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SPEAKER OUTPUTS	
Center (Bass/Treble)	Yes
Center Speaker Lift Up	Yes
Front (Bass/Treble)	Yes
Front High (Bass/Treble)	Yes
Surround (Bass/Treble)	Yes
Surround Back (Bass/Treble)	Yes
VIDEO INPUTS	
Component Video In	2 (assignable)
HDMI In	6 (1 front) (2 with HDCP 2.2 support)
VIDEO OUTPUTS	
Component Video Out	1
Composite Video Out	Inc. Monitor Out: 2
HDMI Out	2 (with HDCP 2.2 support)

Video Features

A/V SYNC FEATURES	
A/V SYNC	Yes (Variable)
A/V Sync Sampling Frequency	192 kHz
A/V Sync Time (msec)	0 – 300 msec
HDMI	
3D over HDMI	Yes
Audio Return Channel	Yes
BRAVIA® SYNC™ (CEC Control)	Yes (One Touch Play, System Audio Control, System Power Off)
DSD	Yes (HDMI)
HDMI™ video output capability	4K, 1080p, 1080/24p Deep Color (up to 36 bit), TRILUMINOS™ Color (xvYCC)
Power Off Pass Through	Yes
S-Select	Yes
Video Up Converter (Analog Component / HDMI)	Yes (Analog to HDMI)
Video Up Scaler (Analog; Component /HDMI)	Yes (4K)

Weight and Measurements

WEIGHT AND MEASUREMENTS	
Receiver Dimension (W x H x D inches)	16.9 x 6.9 x 16.1 inches
WEIGHT AND MEASUREMENTS (CONT'D)	
Receiver Weight (pound)	29.5 pounds
IN THE BOX	
Calibration Microphone (1)	
FM Antenna (1)	
AM Antenna (1)	
AC Power Cord (1)	
Remote Commander (1)	
R03 (size-AAA) batteries (1 pair)	
Front Cover (1)	

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1. Requires HDMI® cable sold separately.
2. Not all USB devices are compatible.
3. May require additional accessories. Check with your authorized dealer for details.
4. 4K upscaling requires a 4K projector or 4K TV.
5. Requires capable HDTV, capable video source, and HDMI® cable sold sep.
6. For full terms and conditions please visit www.esupport.sony.com.

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