

Threshold



Threshold

Affordable High end

STASIS-R 3.0 Stereo Preamplifier

S/5000e Stereo Power Amplifier

S/7000e MonoBlock Power Amplifier



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STASIS-R 3.0 Stereo Preamplifier

THE STASIS-R 3.0 Stereo Control Preamplifier is Threshold's latest application of the technology first employed in Threshold's flagship design, the STASIS-R 5.0. Like its more costly parent, the 3.0 is a classic example of the fine craftsmanship that has been the Threshold hallmark for 30 years. Striking a delicate balance between art and technology, the 3.0 is a stunning performer both in the lab, where it displays unsurpassed precision, and in the listening room, where it reveals its amazing transparency, detail, and depth of image.

STASIS-R Series technology is the culmination of Threshold's years of research and development — and is arguably a benchmark against which all other preamplifiers, regardless of price or technology, must now be compared.

Ergonomically, the unit is a pleasure to use. Volume, balance, source selection, mute and programming can be controlled with either the simple front-panel controls or with the supplied hand-held remote control. The source selected and volume level are displayed continuously on an attractive, easy-to-read LCD blue-white screen that switches to display other functions when needed. This display, together with the digitally-controlled analog volume control, allows levels to be adjusted in 0.5 dB increments for precise, repeatable settings.

Naturally, the Threshold STASIS-R 3.0 is an exceptional product in technical terms and an excellent tool for the audio professional, but it also has an almost magical ability to stir the heart and let the audiophile forget about technology and just get down to the music.



Features of all Threshold Products

- Direct coupled input to output
- Low-noise solid state design
- Discrete gain stages
- Short direct signal paths
- Minimal feedback
- No transistor glare
- Traditional Threshold rugged chassis
- Modular construction
- Premium components such as military-spec precision resistors, computer-grade capacitors, military-grade glass-epoxy circuit boards, gold-plated RCA jacks, Swiss-made XLR connectors
- High reliability
- Unsurpassed precision and sound quality
- Hand assembled in the USA
- 110–120V or 220V–240V models available
- Attractive polished silver-anodized aluminum front panel

S/5000e Stereo Power Amplifier

250 Watts @ 8 Ohm 400 Watts @ 4 Ohms

S/7000e MonoBlock Power Amplifier

600 Watts @ 8 Ohms 1 KW @ 4 Ohms

THE S/5000e and S/7000e power amplifiers extend one of Threshold's most well-regarded traditional values—prodigious power at an affordable price—into the realm of Home Theater.

The S/e series is heir to Threshold's legacy of high-current designs that effortlessly command and control demanding loudspeaker loads, delivering the power needed for realistic bass extension and for full reproduction of dynamic contrasts.

But power is only part of the story. As one would expect from a true high-end design, S/e amplifiers employ minimal feedback and are direct-coupled input to output, with no capacitors in the signal path. Like all Threshold amplifiers, they utilize close-tolerance metal film resistors, and matched JFETs. The result is superb open and airy resolution of low-level detail — important both for revelation of the subtle shadings that differentiate musical performances and for the correct positioning of cinematic sonic events.

The remarkable ability of these amplifiers to explicate complex soundscapes serves to confirm their heritage, which flows not only from the classic Threshold e-series designs of the past, but also from the front-end

topology of today's flagship STASIS power amplifiers.

The highly affordable two-channel S/5000e brings Threshold's acclaimed designs within easy reach. Where more power is desired in stereo applications, two S/7000e may be used— one for each channel.

For multi-channel applications, the most typical combination uses three S/7000e amplifiers for Left, Center, & Right with one or two S/5000e amplifiers covering the two or four rear channels. This combination is an excellent alternative to the rather perfunctory amplifier offerings of many processor and switcher manufacturers.

All S/e amps are equipped with a 12V DC trigger input so that they can be controlled from the processor. This is an "intelligent" trigger that allows a group of S/e amplifiers in a multi-channel setup to turn-on in stepped sequence. The feature reduces the turn-on stress on the power line as well as eliminating the need and cost of a power sequencer in a complex setup.

The S/e series has made Threshold the choice for those who want high-end performance for both music and cinema. And, in the Threshold tradition, it's state-of-the-art that takes into account the state of your budget.



Both the S/5000e and the S/7000e power amplifiers use the same 19-inch rack mount faceplate;

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STASIS-R 3.0 Preamplifier Features

- Fully balanced from input to output providing extremely high common-mode rejection and cancellation of most distortion artifacts
- Analog switch array volume control, 80 dB range in 0.5 dB increments
- Simple front panel controls
- Easy-to-read LCD matrix display (blue/white, 2-line, 16 character)
- Oversize toroidal power transformer
- Separate power supply sections for left and right channels
- Separate independent power supply for digital control circuitry
- Trigger output (12v) for on/off control of power amp, active subwoofer, etc.
- Bypass mode for integration into Home Theater system
- RS-232C port for software updates and future features
- Threshold Data Link (T-Link) ports for control and communication with other Threshold equipment
- Universal infrared remote control or custom Threshold remote control (optional)

STASIS-R 3.0 Preamplifier Specifications

Line Inputs: 1 balanced (XLR) & 5 unbalanced (RCA) stereo pairs

Line Outputs: balanced (XLR) & unbalanced (RCA) stereo pairs

Record Outputs: Unbalanced (RCA) stereo pair

Frequency Response: DC- 100kHz; +/- 0.5dB 20-20kHz

Distortion: 0.05% at 1kHz

Gain: 12 dB

Signal-to-Noise Ratio: Greater than 100dB (Ref. 1V input, maximum gain, 20kHz bandwidth).

Input Impedance: 10kOhm (RCA), 20kOhm (XLR)

Input Sensitivity: 1.12V

Output Impedance: less than 100 Ohms

Output level: maximum 6Vrms (RCA), 12Vrms (XLR)

DIMENSIONS AND WEIGHT

STASIS-R 3.0

17.1" W x 13.5" D x 3.5" H

43.5 cm W x 34.3 cm D x 8.9 cm H

(3.75"/9.6 cm H with rubber feet)

Unit Weight: 12 lbs., 6 kg

Shipping Weight: 16 lbs., 8 kg

S/e-Series Power Amplifier Features

- High-current, high-bias design easily drives low-impedance reactive loads
- High-speed design resolves complex musical passages
- Balanced inputs provide high common-mode rejection for lower noise
- Massive custom toroidal power transformer
- Isolated power reserves for voltage and current gain stages
- Intelligent 12V DC Trigger System
- Cardas™ gold-plated binding posts
- Soft-start turn-on

S/e-Series Power Amplifier Specifications

Nominal Power Output (20Hz-20kHz):

S/5000e:

250 Watts per channel at 8 Ohms;

400 Watts per channel at 4 Ohms

S/7000e:

600 Watts at 8 Ohms;

1000 Watts at 4 Ohms

Frequency Response: DC- 50kHz

Distortion: 0.05% at 1kHz, at rated output power

Voltage Gain: 28 dB

Input Impedance: 22k Ohm, unbalanced (RCA), 600 Ohm balanced (XLR)

Input Sensitivity: 1.8V RMS for full power output

Output Impedance: less than 0.05 Ohm from 20Hz-20kHz

Damping Factor: greater than 160 for 8 Ohm load, 20Hz-20kHz, at 1 Watt

S/e-Series DIMENSIONS AND WEIGHT

19" W x 7" H x 10.75" D

48.3 cm W x 17.8 cm H x 27.3 cm D

Unit Weight: 38 lbs., 17 kg

Shipping Weight: 44 lbs., 20 kg

