



Threshold

STASIS

STASIS-R 5.0 Stereo Preamplifier

STASIS 7.0 Stereo Power Amplifier

STASIS 8.0 Stereo Power Amplifier

Threshold



Threshold

STASIS-R 5.0 Stereo Preamplifier

THE STASIS-R 5.0 Stereo Control Preamplifier is a classic example of the fine craftsmanship that has been the Threshold hallmark for over 30 years. But it's also Threshold's latest and most eloquent statement-on-the-art of preamplifier design. Striking a delicate balance between art and technology, the 5.0 is a stunning performer both in the lab, where it displays unsurpassed precision, and in the listening room, where it shows off its unparalleled transparency, detail, and depth of image.

The STASIS-R 5.0 is the culmination of Threshold's years of research and development. A truly balanced, fully remote controlled preamplifier, with gain stages based on the highly acclaimed T2, the 5.0 is arguably a benchmark against which other preamplifiers, regardless of price or technology, must now be compared.

Ergonomically, the STASIS-R 5.0 is a pleasure to use. Volume, balance, source selection, mute and programming can be managed with either the front-panel controls or with the hand-held remote. The selected source and the volume level are displayed on an attractive, easy-to-read LCD blue-white screen that switches to display other functions when needed. The rotary digitally-controlled analog volume control allows levels to be adjusted in 0.1 dB increments for precise, repeatable settings.

The 5.0 is an exceptional product in technical terms, designed as a tool to meet the needs of the most demanding audio professional, but it is also, like the well-regarded historic Threshold preamps, one that possesses the magical ability to stir the heart of even the most jaded audiophile.



Features of all STASIS Products

- Fully complementary circuitry
- 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

STASIS 7.0 100 WATT/CH Stereo Power Amplifier

STASIS 8.0 200 WATT/CH Stereo Power Amplifier

A **STASIS** stereo power amplifier represents the consummate balance of brute force and nuanced control. To some, its appearance may suggest an obsession with solidity and power. Its credentials in these areas are formidable — and readily apparent on first listen.

High current capability, the importance of which in providing bass extension and tight control of the loudspeaker is often glossed over, is a quality that **STASIS** amplifiers deliver in real-world terms. The **STASIS 8.0**, for example, is able to provide staggering amounts of continuous current, enabling the 8.0 to drive the most demanding and power-hungry loudspeaker loads, without strain or stress. In this regard, not surprisingly, it is the heir to Threshold's legacy of high current, no-holds-barred performance. and is arguably Threshold's best stereo power amplifier ever.

The more compact **STASIS 7.0**, optimized for those with loudspeakers not requiring as much power as the **STASIS 8.0** provides, is also a high-current design, able to handle difficult loads with aplomb.

But the truth is that high current is only part of the story.

The most noteworthy aspect of a **STASIS** amplifier performance is its sweet, gentle, and honest reproduction of musical subtleties. In this respect, its ability to reproduce

transient attack and to resolve complex musical passages surpasses that of even our acclaimed T-series and e-line. Both amplifiers deliver high current, employ minimal feedback, and use an updated version of the front-end of the famous T200 along with the latest incarnation of our classic **STASIS** output topology. As with all **STASIS** products the amplifiers are direct coupled input to output, with no capacitors in the signal path., utilize close tolerance metal film resistors and matched JFETs, and employ a substantial power supply built around a massive custom toroidal power transformer, with separate power reserves for voltage and current gain stages.

The carefully balanced integration of the best elements of classic Threshold products, together with the fruits of constant investigation and innovation specifically for this new generation of **STASIS** amplifiers, means that it is no longer necessary to choose between power for dynamic contrasts and resolution of fine inner detail. Dynamic range and subtle shadings are rendered with an unmistakable sense of truth and fidelity to the source that is indeed remarkable. The **STASIS 7.0** and **8.0** have raised Threshold's acclaimed design philosophy to an unprecedented level, and make a powerful statement-on-the-art of music reproduction.



Both the **STASIS 7.0** and the **STASIS 8.0** power amplifiers use the same 19-inch rack mount face-plate; the 8.0 chassis, however, is deeper to accommodate its larger power supply and greater heatsink area.

Threshold

STASIS-R 5.0 Preamplifier Features

- Fully balanced from input to output providing extremely high common-mode rejection and cancellation of most distortion artifacts
- Rotary volume control, 80 dB range in 0.1 dB increments
- Simple front panel controls
- Easy-to-read LCD matrix display (blue/white, 2-line, 16 character)
- Selectable record output
- 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.
- RS-232C port for software updates and future features
- Two 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 5.0 Preamplifier Specifications

Line Inputs: 2 balanced (XLR) & 4 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: 0.02% 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 8Vrms (RCA), 16Vrms (XLR)

DIMENSIONS AND WEIGHT

STASIS-R 5.0

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: 14 lbs., 7 kg

Shipping Weight: 20 lbs., 9 kg

STASIS Power Amplifier Features

- High-current output stage 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
- Separate power reserves for voltage and current gain stages

STASIS Power Amplifier Specifications

Nominal Power Output (20Hz-20kHz):

STASIS 7.0:

100 Watts per channel at 8 Ohms;

200 Watts per channel at 4 Ohms

STASIS 8.0:

200 Watts per channel at 8 Ohms;

400 Watts per channel at 4 Ohms

Frequency Response: DC- 50kHz

Distortion: 0.02% at 1kHz, at rated output power

Voltage Gain: 28 dB

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

Input Sensitivity:

STASIS 7.0:

1.12V RMS for full power output

STASIS 8.0:

1.58V 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

DIMENSIONS AND WEIGHT

STASIS 7.0:

19" W x 9.3" H x 15.8" D,

48.25 cm W x 23.6 cm H x 40.2 cm D

Unit Weight: 64 lbs., 29 kg

Shipping Weight: 72 lbs., 33 kg

STASIS 8.0:

19" W x 9.3" H x 19.8" D,

48.25 cm W x 23.6 cm H x 50.3 cm D

Unit Weight: 88 lbs., 40 kg

Shipping Weight: 98 lbs., 45 kg

Threshold



Threshold Audio, Inc. • P.O. Box 41736, Houston, Texas 77241 • Phone 713-466-1411

Fax 713-856-0278 • www.threshold-audio.com