



STAX

August 2011 / STAX SRS-4170 Signature System

Part of the NEW SR- Λ (Lambda) series

SRS

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SIGNATURE SYSTEM (SR-407+SRM-006tS)

**A signature system
featuring unparalleled
fully-balanced
operation.**

by STAX[®]





STAX

POWER

PRO ONLY

PRO ONLY

SRM-006tS VACUUM TUBE OUTPUT DRIVER UNIT FOR EAR SPEAKERS

INPUT

1

2

3

LEVEL

4

5

6

3

1

0

10

STAX®



Part of the NEW SR- Λ (Lambda) series, the signature STAX SRS-4170 system consists of the SR-407 electrostatic earspeaker and the SRM-006tS valve energiser with balanced input.

The SR-407 features the same electrostatic diaphragm assembly as the SR-507 top model of the NEW Lambda series.

The electrostatic diaphragm assembly, which is the core of the STAX earspeaker houses the thin film diaphragm. This is driven by the force of fixed electrodes on both sides in a push-pull balanced operation and the exclusive energiser with balanced output serves for driving the sound electrostatic diaphragm assembly.

THE SRM-006tS valve energiser with balanced input boasts a fully balanced circuit configuration from input to output through a custom-made double-axis 4-gang volume control.

SR-407

electrostatic earspeaker

- Carefully selected new material known as “super engineering plastics” have been adopted for the earspeaker. Used already in the flagship SR-507 model, it ensures stability and increased performance sonically
- The electrostatic diaphragm is mounted in a highly-rigid resin case made of a tough fibre glass mixture and is firmly fixed to the metal base of the housing for vibration damping
- The PC-OCC low-capacity special wide cable is specially employed to reduce capacity and suppress signal loss
- The plug contact is gold-plated to ensure the highest-quality sound for a long period of time
- Artificial leather of high-perviousness material is used for the ear pad to obtain better wear and ensure longer-lasting comfort.

Type

Electrostatic/Open back/Push-pull driving

Frequency Range

7-41,000Hz

Capacitance, including cable

110pF

Sound Pressure Level

101dB/100V r.m.s.

Cable

Wide format Low Capacitance PC-OCC Conductor

Earpad

High quality artificial leather

Weight

Including cable 515g

Without cable 340g

Colour

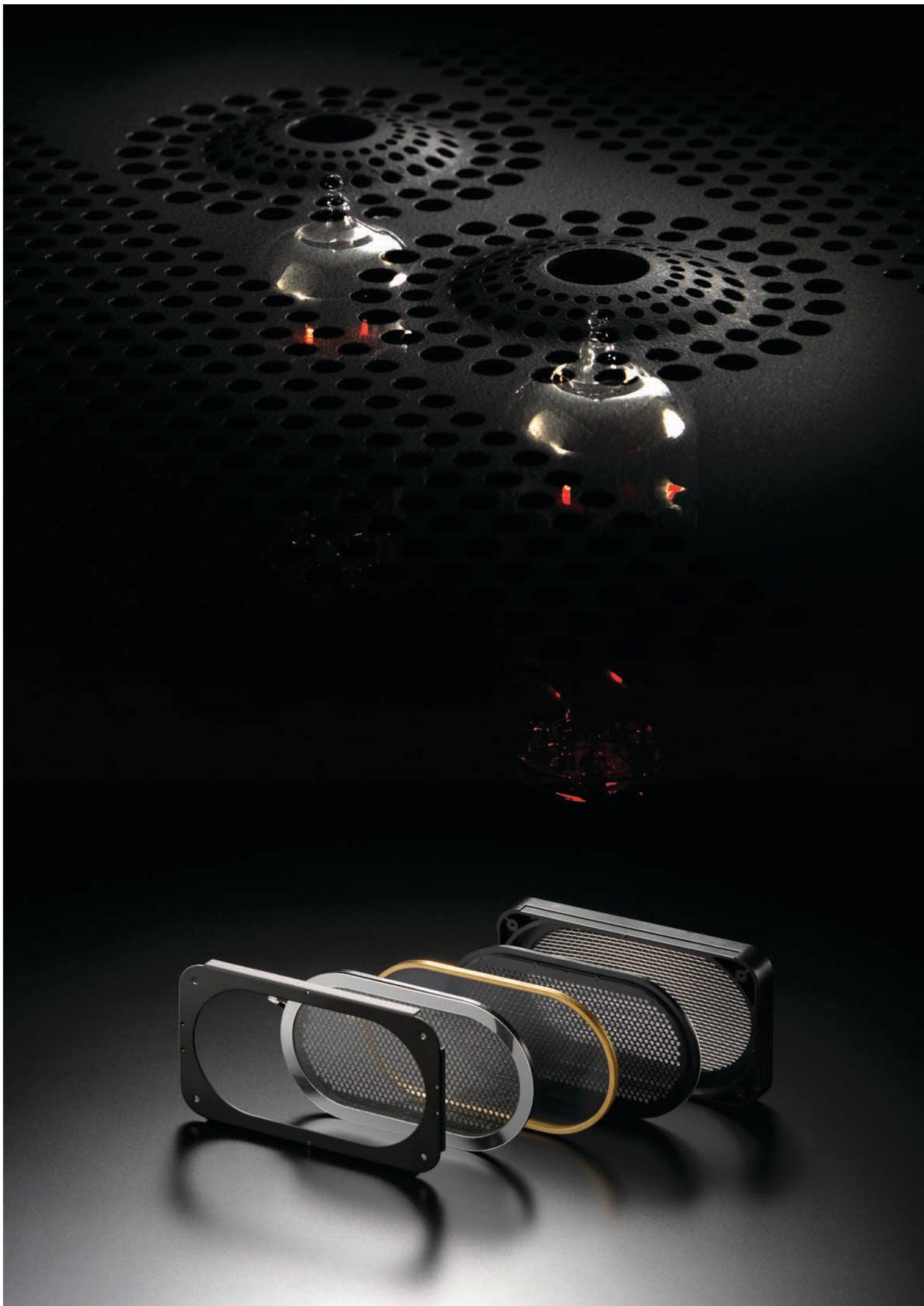
Brown

Operation Temperature

0-35 Degree

Specifications and external appearance may be changed without notice in order to improve performance.





SRM-006tS

valve energiser

- Carefully selected high-quality components of audio grade quality are employed for the main circuit, which greatly improves tonal quality
- The balanced input via XLR terminal along with the custom-made double axis 4-gang volume control ensures a full-balanced operation from input to earspeaker
- Class-A all-stage DC amplifier circuit configuration eliminates coupling capacitors throughout the signal path
- High-voltage dual triode 6FQ7/6CG7 are employed in the output stage
- 2 RCA and 1 XLR Input is provided. One of the RCA input terminals functions as a parallel out directly providing the incoming signal
- High-quality relays are placed close to the input terminal to ensure the shortest signal path possible
- Interference between equipment is eliminated because the energiser switches the hot / cold side of the signal simultaneously.

Frequency response

DC 80 kHz / +0, -3 dB (in the case of use of one SR-407 unit)

Rated input level

100 mV with 100V output

Maximum input level

30 V r.m.s. with volume at minimum setting

Amplification

60 dB (x1000)

Total harmonic distortion

max. 0.02% at 1 kHz 100 V r.m.s.
(in the case of use of one SR-404 unit)

Input impedance

50 k Ω / during balance 50 k Ω \times 2

Maximum output voltage

300 V r.m.s. / 1 kHz

Standard bias voltage

DC580 V (PRO bias)

Power voltage

AC120V-240V \pm 10%, 50 to 60 Hz. (Adjusted for your area)

Power consumption

49 W

Temperature range for use

Between 0° and 35°C, max. 90% (no condensation)

External dimensions

195 (W) \times 103 (H) \times 375 (D) mm
(including volume knob and pin jack (20 + 10))

Weight

3.4 Kg

XLR terminal polarity

No. 1: Sealed; No. 2: Hot; No. 3: Cold (European system)

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The signature SRS-4170 delivers a performance that has to be heard to be believed and appreciated. From its breathtaking speed to its natural warmth, the SRS-4170 is sure to win the ears and hearts of many.

Far greater than the sum of its parts, the SRS-4170 system reproduces music in a way that only electrostatic technology can.

STAX[®]
leaders in electrostatic technology since 1938

For more details on the STAX SRS-4170 system and the complete range of STAX products, please contact Symmetry on [01727 865 488](tel:01727865488).