

STAX[®]
electrostatic
audio
products

NEW SRM-007tII

Vacuum tube output driver unit for ear speakers

NEW SRM-727II

Driver unit for electrostatic ear speakers



Reveling in pure balance

Reveling in pure balance In response to next-generation wide-range media, we've taken another look at parts and circuit constants and further expanded the band range. The first stage comprises a simple two-stage amplification configuration based on low-noise FET. For load resistance we've adopted non-inductive winding resistor manufactured by DALE, a company with a high reputation in connection with audio enthusiasts. For the output stage we've used high voltage double triode of the 6FQ7 type. The dynamic range in the high voltage has been greatly improved through applying low impedance to the output stage. Schottky barrier diodes are used for the heaters, and a high-speed, high SN ratio has been achieved. Using a high sound quality dual-shaft 4-gang volume control, this is an A-class operation DC amplifier that amplifies the XLR connector balance input with a pure balance configuration that does not use a transformer or an inverted amplifier up to the output stage. It is equipped with a single-system XLR (balance) input and a two-system RCA (unbalance) input. Input 1 of the RCA is equipped with parallel output terminals that enable through-out. Making use of a high power transformer and a large capacitor, this unit is characterized by its expansive and outstandingly clear high range and dynamism and its high-grade sound quality.

SRM-007tII Specifications •Frequency response: DC to 100kHz / +0, -1.5dB SR-007MK2 or SR-404, when using 1 unit •Rated input level: 200mV / 100V Outputs •Maximum input level: 30 V r.m.s. / at Minimum volume •Gain: 54dB (x500) •Total harmonic distortion: 0.01% / 1kHz, 100 V r.m.s. output SR-007MK2 or SR-404, when using 1 unit •Input terminals: RCA x 2, XLR x 1 (balanced) •Input impedance: 50KΩ / XLR balance 50KΩ x 2 •Maximum output voltage: 340V r.m.s. / 1kHz •Standard bias voltage: DC 580V •Operating power voltage: AC 117V, 220V, 230V, 240V ±10%, 50Hz / 60Hz (Adjusted for your area) •Power consumption: 55W •Operating temperature range: Between 0 to 35°C, max. 90% (without condensation) •External dimensions: 195 (W) x 103 (H) x 420 (D) mm (including VR knob and pin jack (20 + 10)) •Weight: 4.7kg •Vacuum tubes: 6FQ7 / 6CG7 type x 4 •Specifications and external appearance may change without notice for improvements.

When using ear speakers, maintain the volume at an appropriate level to avoid excessive irritation to the ears.

For safety reasons, under no circumstances should you use ear speakers while driving a car or riding on a motorcycle or bicycle. If the volume is turned up to a high level, it will be difficult to hear external sounds. This may be dangerous, and care therefore should be taken when using ear speakers while walking.

Specifications and appearance of each product may change without prior notification in order for improvements.

The voltage of products is regulated in line with the voltage employed in the countries to which the products are shipped.

The color of products may differ slightly from that shown in printed materials.

The openness of non-feedback

Equipped with an output non-feedback (NON-NFB) circuit for the first time in a STAX driver unit. This is an Class A operation DC amplifier with a simple two-stage amplification circuit characterized by pure balance transmission and amplification with absolutely no conversion circuit. This is virtually the only system that realizes listening with the sound quality that characterizes the balance method through the combination with electrostatic ear speakers. The input stage consists of a high sound quality low-noise FET, and the emitter follower, which applies low impedance to the semi-conductor output stage, has been subject to an enormous expansion in dynamic range especially in the high frequencies. There is a direct switch for avoiding duplication of volume units in cases where an external attenuator or pre-amplifier are connected. There is also a control function for exclusive control of volume. Input employs a single system only, enabling selection of either RCA or XLR. The parts have been devised with consideration to sound quality, performance and the environment, and an aluminum chassis is used in order to avoid magnetic distortion. The emphasis is first and foremost on thorough purity, with parallel out terminals, etc. The sound quality is natural and very pure with an exceptionally high degree of resolution. It possesses the dynamic and open quality that distinguishes non-feedback circuits. This is a driver unit that opens up new horizons with the volume and textural expressive capacity made possible by a strong power source section.

SRM-727II Specifications •Frequency response: DC to 115kHz (SR-007MK2 or SR-404, when using 1 unit) •Rated input level: 200mV / 100V during output •Maximum input level: 30V r.m.s. / at Minimum volume •Gain: 54dB (x500) •Total harmonic distortion: max.0.01% (100 to 10kHz / 100 V r.m.s., during output) •Input terminals: 1 (RCA or XLR) •Input impedance: 50KΩ (RCA), 50KΩ x 2 (XLR) •Maximum output voltage: 450V r.m.s. (1kHz) •Standard bias voltage: PRO 580V x 2 •Operating power voltage: AC 117V, 220V, 230V, 240V ±10%, 50Hz / 60Hz (Adjusted for your area) •Power consumption: 46W •Operating temperature range: Between 0 to 35°C, max. 90% (without condensation) •External dimensions: 195 (W) x 103 (H) x 420 (D) mm (including VR knob and pin jack (20 + 10)) •Weight: 5.2kg •Remarks: Direct input with through-out terminals (RCA) •Specifications and external appearance may change without notice for improvements.

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