

STAX

NEW A SERIES

Signature System SRS-4170/Classic System SRS-3170

Basic System SRS-2170

in-the-earspeaker System SRS-005S

STAX

New

Sound

Collection





The signature system is the high-quality combination of the SR-407 ear speaker and the SRM-006tS driver unit with balanced input. The SR-407 features the same sound element as the SR-507 top model of the new lambda series. The sound element as the core of the ear speaker houses the thin film diaphragm which is driven by the force of fixed electrodes on its both sides in a push-pull balanced operation, and the exclusive driver unit with balanced output serves for driving the sound element. The SRM-006tS driver unit with balanced input boasts a fully balanced circuit configuration from input to output through the custom-made double-axis 4-gang volume controller.

[SR-407 ear speaker] ●Carefully selected new material "super engineering plastics" have been adopted for the sound element which is mounted in a high-rigidity resin case of tough glass fiber mixture and firmly fixed to the metal base of the housing. ●The PC-OCC low-capacity special wide cable is employed to reduce the capacity between lines and to suppress signal loss. ●The plug contact is gold-plated to keep the high-quality sound for a long period of time. ●The artificial leather of high-perviousness material is employed for the ear pad to obtain better wear comfort.

[SRM-006tS Driver unit] ●Carefully selected high-quality components of audio grade are employed for the main circuit and greatly improved the tone quality. Also the circuit constant has been looked over again in detail. ●The balanced input via XLR terminal along with the custom-made double axis 4-gang volume controller enabled a full-balanced operation from input to sound element drive. ●Class-A all-stage DC amplifier circuit configuration eliminated coupling capacitors throughout the signal path. ●High-voltage dual triode 6FQ7 / 6CG7 are employed in the output stage, and the input stage features a simple two-stage amplification using the low noise FET carefully selected. ●3 lines of inputs are equipped including a XLR terminal. 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 realize the shortest signal path, and the mutual interference between equipments is eliminated by switching the hot / cold side of the signal simultaneously.



New structure sound element adopted for SR-407.



Thick PC-OCC cable with gold-plated plug.



High-voltage dual triode output stage.



Custom-made double axis 4-gang volume controller.

High-quality system featuring unparalleled full-balance operation from input terminal to sound transducer.

SRS-4170

Signature System (SR-407+SRM-006tS)

SR-407 electrostatic ear speaker (Signature)

SRM-006tS vacuum tube output driver unit

[SR-407 Specifications] ●Type: push-pull electrostatic oval sound element, open-air type enclosure ●Frequency response: 7-41,000Hz ●Electrostatic capacitance: 110pF (including code) ●Impedance: 144kΩ (including cable, at 10kHz) ●Sound pressure sensitivity: 101dB/100Vr.m.s. ●Bias voltage: 580V DC ●Right / left channel indication: 'L' and 'R' indicated on the arc assembly, solid line (left) and dotted line (right) on cable ●Ear pad: high-quality artificial leather with moisture-permeability (replacement part: EP-234BR) ●Cable: PC-OCC parallel 6-strand, low-capacity wide cable, 2.5m full length ●Operating temperature: 0 to 35 degrees C ●Operating humidity: less than 90% (non-condensing) ●Weight: 515g (including cable), 340g (without cable) ●Body color: brown

[SRM-006tS specifications] (when used with one SR-407) ●Frequency response: DC - 80kHz +0, -3dB ●Harmonic distortion: 0.01% or less (at 100Vrms / 1kHz output) ●Gain: 60dB (x1000) ●Rated input level: 100mV (at 100Vrms output) ●Maximum input level: 30V (at minimum volume level) ●Maximum output voltage: 300Vrms (1kHz) ●Input impedance: 50kΩ (RCA), 100kΩ (XLR) ●Input terminal: XLR x1 (pin 2: hot), RCA x2 (one with bypassing output), ●Bias voltage: DC580V x 2 ●Vacuum tube: 6FQ7/6CG7 x 2 ●Mains voltage: AC117V, 220V, 230V, 240V, 50/60Hz (depending on your country's voltage) ●Power consumption: 49W ●Operating temperature: 0 to 35 degrees C (non condensing) ●Dimension: 195 (W) x103 (H) x380 (D) mm (protruding portion included) ●Weight: 3.4kg



The classic system is a standard electrostatic combination of SR-307 and SRM-323S with all-stage direct-coupled balance output circuit configuration. The SR-307 employs the sound element featuring the same new material "super engineering plastics" diaphragm and the new structure as the upper-class models. Since the STAX traditional and fundamental specifications such as low capacity PC-OCC cable, gold-plated terminal and open-air type enclosure are taken over to the classic system, it offers more natural electrostatic sound stage and can afford even professional use.

[SR-307 earspeaker] ●Carefully selected new material "super engineering plastics" has been adopted for the sound element as for upper-class models to obtain high-quality sound and stability against environmental changes. The sound element is mounted in a high-rigidity resin case of tough glass fiber mixture and firmly fixed to the metal base of the housing for vibration damping. ●The PC-OCC low-capacity special wide cable is employed to reduce the capacity between lines. ●The plug contact is gold-plated to keep the high-quality sound for a long period of time.

[SRM-323S Driver unit] ●High-quality non-magnetic resistors of audio grade are employed for the main circuit to greatly improve the tone quality. Also the circuit constant has been looked over again in detail. ●The emitter-follower circuit at the output stage with high-voltage bipolar transistors enabled low output impedance resulting in high drivability and wide high-frequency dynamic range. ●The STAX traditional single amp balanced circuit of simple 2-stage amplification has been adopted for the input stage using low-noise dual FETs of high-quality sound. ●Class-A all-stage DC amplifier circuit configuration eliminated coupling capacitors throughout the signal path. ●One simple RCA input equipped with parallel out directly providing the incoming signal. ●Two 5-pin output sockets connectable to all pro-bias compatible earspeakers.



New structure sound element adopted for SR-307.



PC-OCC cable with gold-plated plug



Parallel out terminal



Class-A all-stage DC amplifier circuit configuration

High-performance model offering the electrostatic sound by inheriting the basic structure of upper-class models.

SRS-3170

Classic System (SR-307+SRM-323S)

SR-307 electrostatic earspeaker (Classic)

SRM-323S driver unit for electrostatic earspeaker

[SR-307 Specifications] ●Type: push-pull electrostatic oval sound element, open-air type enclosure ●Frequency response: 7 - 41,000Hz ●Electrostatic capacitance: 120pF (including code) ●Impedance: 132k Ω (including cable, at 10kHz) ●Sound pressure sensitivity: 101dB / 100Vr.m.s. ●Bias voltage: 580V DC ●Right/left channel indication: 'L' and 'R' indicated on the arc assembly, solid line (left) and dotted line (right) on cable ●Ear pad: high-quality artificial leather (replacement part: EP-234GR) ●Cable: PC-OCC parallel 6-strand, low capacity cable, 2.5m full length ●Operating temperature: 0 to 35 degrees C ●Operating humidity: less than 90% (non condensing) ●Weight: 490g (including cable), 340g (without cable) ●Body color: gray

[SRM-323S specifications] (when used with one SR-307) ●Frequency response: DC - 60kHz +0, -3dB ●Harmonic distortion: 0.01% or less (at 100Vr.m.s. /1kHz output) ●Gain: 60dB (x1000) ●Rated input level: 100mV (at 100Vr.m.s. output) ●Maximum output voltage: 400Vr.m.s. (1kHz) ●Input impedance: 50k Ω ●Input terminal: RCA x1 (with parallel-out terminal) ●Bias voltage: DC580V x 2 ●Mains voltage: AC117V,220V,230V,240V, 50/60Hz (depending on your country' s voltage) ●Power consumption: 30W ●Operating temperature: 0 to 35 degrees C (non condensing) ●Dimension: 150 (W) x100 (H) x360 (D) mm (protruding portion included) ●Weight: 2.9kg



The basic system is a high cost-performance combination of SR-207 and SRM-252S compact-size driver unit still keeping the high-quality sound and high performance of the electrostatic earpiece. The SR-207 employed the same sound element developed for the new lambda series and adopted for upper-class models. The LC-OFC cable of the SR-207 results in the clear high-frequency sound and lowered capacitance. Moreover, in order to fully drive the balance operation of the sound element, the SRM-252S driver unit incorporated all-stage balanced circuit DC amplifier configuration despite its compact size.

[SR-207 earpiece] ●The SR-207, an exclusive model for the basic system, employs the same sound element as upper-class models. The sound element is firmly fixed in a high-rigidity resin case. ●The same cable as upper-class models, the LC-OFC conductor of 6-strand parallel-structure type with low capacity, is adopted for the SR-207. The plug of the cable is 5-pin PRO-bias compatible type common to the series.

[SRM-252S Driver unit] ●An exclusive model for system only. ●The compact design of CD jacket size powered by the external exclusive AC adaptor. The chassis made of aluminum extrusion material eliminated the magnetic distortion, and at the same time, improved the heat dissipation effect for long-term reliability. ●Full-fledged circuit configuration despite the compact design. The emitter follower output stage lowered the output impedance for better drive capability. ●The STAX traditional single-amplifier balanced output circuit of simple two-stage amplification using high-quality low-noise dual FETs is adopted for the input stage securing the linear drive of the earpiece diaphragm. ●While the direct-coupled DC amplifier configuration secures an extensive frequency range, high purity sound is obtained through the class-A operation with no crossover distortion. ●Simple design concept equipped with one RCA input only, a volume controller as control function and the parallel output terminal feeding the input signal. ●One 5-pin output terminal is equipped.



Discrete DC amplifier circuit of the SRM-252S



Rear panel with parallel output terminal.



LC-OFC cable with 5-pin plug.

Compact-size beginner's driver unit adopting the same sound element as upper-class models.

SRS-2170

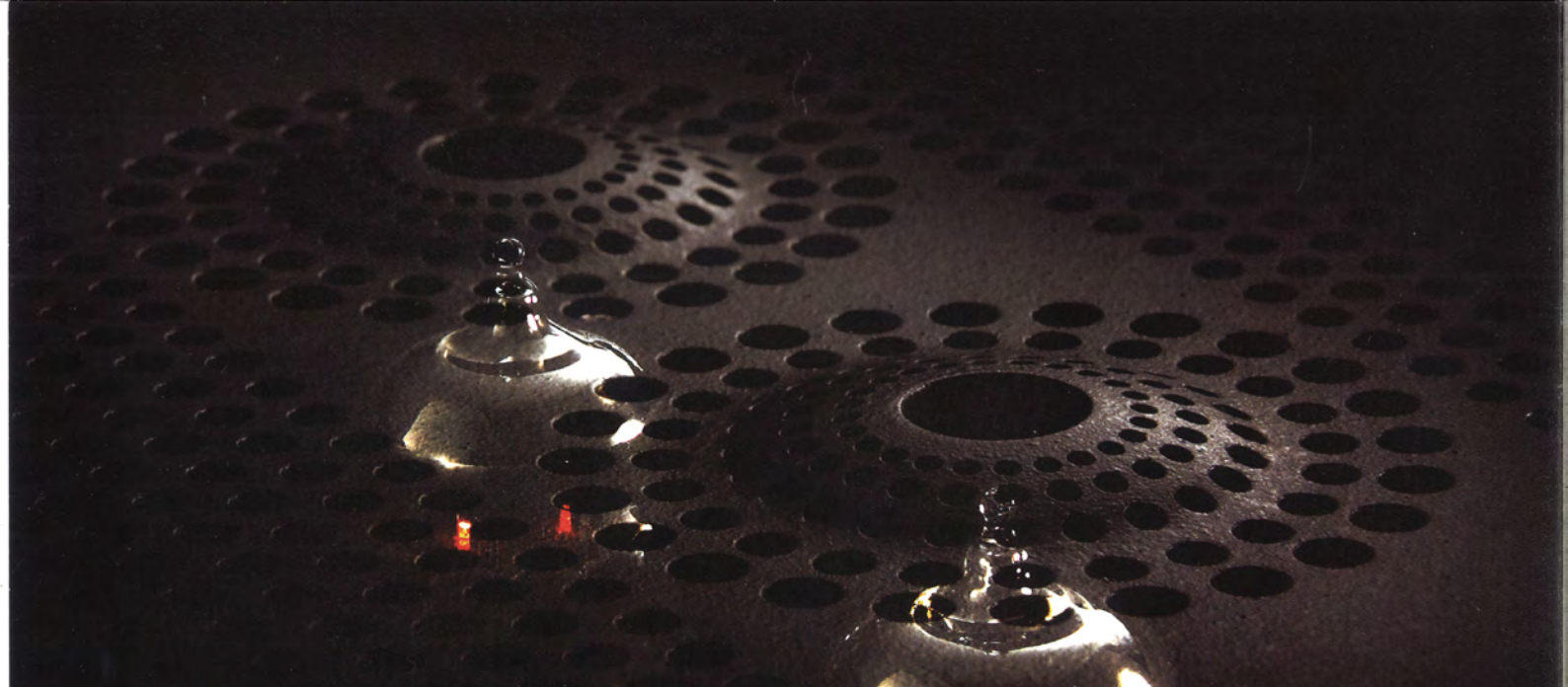
Basic System (SR-207+SRM-252S)

SR-207 electrostatic earpiece (Basic)

SRM-252S driver unit for electrostatic earpiece
(Model only for system)

[SR-207 Specifications] ●Type: push-pull electrostatic type ●Frequency response: 7 - 41,000Hz ●Electrostatic capacitance: 120pF (including cable) ●Impedance: 132kΩ (including cable, at 10kHz) ●Sound pressure sensitivity: 101dB / 100Vr.m.s. ●Bias voltage: 580V DC ●Right/left channel indication: 'L' and 'R' indicated on the arc assembly, solid line (left) and dotted line (right) on cable ●Ear pad: high-quality artificial leather (replacement part: EP-234BL) ●Cable: LC-OFC parallel 6-strand, low capacity cable, 2.5m full length ●Operating temperature: 0 to 35 degrees C ●Operating humidity: less than 90% (non condensing) ●Weight: 490g (including cable), 340g (without cable) ●Body color: black

[SRM-252S specifications] (when used with one SR-207) ●Frequency response: DC - 35kHz +0, -3dB ●Harmonic distortion: 0.01% or less (at 100Vr.m.s. /1kHz output) ●Gain: 58dB (x 800) ●Rated input level: 125mV (at 100Vr.m.s. output) ●Maximum output voltage: 280Vr.m.s. (1kHz) ●Input impedance: 50kΩ ●Input terminal: RCA x1 (with parallel-out terminal) ●Bias voltage: DC580V ●Power supply: exclusive AC adaptor AC120,230,240V, 50/60Hz (depending on your country's voltage) ●Power consumption: 4W ●Operating temperature: 0 to 35 degrees C (non condensing) ●Dimension: 132 (W) x38 (H) x132 (D) mm (protruding portion not included) ●Weight: 540g



**Crown of electrostatic technologies
achieved over 50 years of tradition and experience met
the newest material to open up a new sound world.**

In 1979 STAX developed the first SR-lambda - the original model of the "Λ (lambda) series" electrostatic type earspeakers. Since then, the oval sound element adopted in the SR-Λ has been evolved inheriting the basic structure so that the diaphragm area can be used as effectively as possible compared with its external size. As a result of repeated audition of many materials and careful selection, a new material "super engineering plastics" has been employed as the diaphragm that is the most important part for the new Λ series tone quality. While realizing both the deep rich low frequency and the delicate high frequency, the new material shows a stable characteristic also in environmental change of temperature, humidity, etc. Furthermore, we developed a new mechanism in which the sound element is housed in a robust resin frame and firmly fixed to the metal base of the enclosure. By determining the moving and motionless points of the fixed electrode and diaphragm, an exact sound conversion with little loss has become possible to obtain clear and transparent tone quality. It is the STAX original driver unit featuring class-A, all-stage DC amplifier configuration with balance output circuit that brings out the maximum potential of this new sound element. The STAX electrostatic type earspeaker system drives the whole surface of thin film diaphragm uniformly in a push-pull balanced operation and proudly invites you to a new sound world.





The electrostatic type earspeaker drives the ultra-lightweight diaphragm in a push-pull balanced operation by the power of static electricity, and many users have recognized its fresh and transparent sound quality. And whenever the prime "A series" models piled up the generation, the tone quality and performance has been improved and obtained high evaluation. On the other hand, in compliance with the request for a product with which the electrostatic tone quality can be enjoyed more easily, we developed a small and lightweight model. This SR-003 is combined with the compact size driver unit SRM-252S as SRS-005S system.

[In-The-Earspeaker SR-003] ●The canal-type which conducts sound wave directly to an external auditory canal from the miniaturized circular sound element with required sound pressure and frequency band. ●The body weighs only 12g without cable, and still lightweight also with 1.5m cable (40g). ●One large and one small silicone rubber ear pads are supplied. ●5-pin plug connectable to other PRO bias driver units than SRM-252S.



Compact-size circular sound unit.



Attached ear pads (large and small size).



Discrete DC amplifier configuration.

Weighs only 12g. Lightweight and small earspeaker that can be used freely.

SRS-005S

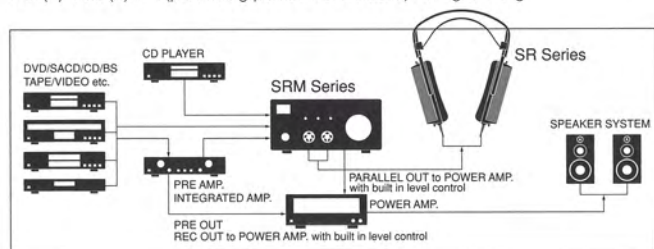
In-the-earspeaker System(SR-003+SRM-252S)

SR-003 electrostatic in-the-earspeaker

SRM-252S driver unit for electrostatic earspeaker
(Model only for system)

[SR-003 Specifications] ●Type: push-pull electrostatic In-The-Earspeaker
●Frequency response: 20 - 1kHz +/-2dB, 1kHz - 20kHz +/-4dB ●Electrostatic capacitance: 44pF (including cable) ●Impedance: 360kΩ/10kHz (including cable)
●Sound pressure sensitivity: 111dB / 100Vr.m.s., 1kHz ●Bias voltage: 580V DC ●Right/ left channel indication: Red band around the right channel cable root, L/R indication on the rear side of body, 3 dots on left channel ●Ear pad: silicon rubber (each of large and small one supplied) ●Cable: LC-OFC low-capacity, 1.5m full-length ●Operating temperature: 0 to 35 degrees C ●Operating humidity: less than 90%(non-condensing)
●Weight/Dimension: 40g (including cable), 12g/φ28mm (without cable)

[SRM-252S specifications] (when used with one SR-207) ●Frequency response: DC-35kHz +0, -3dB ●Harmonic distortion: 0.01% or less (at 100Vr.m.s. /1kHz output)
●Gain: 58dB (x 800) ●Rated input level: 125mV (at 100Vr.m.s. output) ●Maximum output voltage: 280Vr.m.s. (1kHz) ●Input impedance: 50kΩ ●Input terminal: RCA x1 (with parallel-out terminal) ●Bias voltage: DC580V ●Power supply: exclusive AC adaptor AC120,230,240V, 50/60Hz (depending on your country' s voltage) ●Power consumption: 4W ●Operating temperature: 0 to 35 degrees C (non condensing) ●Dimension: 132 (W) x38 (H) x132 (D) mm (protruding portion not included) ●Weight: 540g



A C C E S S O R Y



●Ear pad for replacement

EP-234BR (brown) for a set of SR-407/SR404
EP-234GR (gray) for a set of SR-307/SR303
EP-234BL (black) for a set of SR-207/SR202
EP-507 (black) for a set of SR-507/SR404LTD



●Extension cable

SRE-725 (2.5m)
SRE-750 (5.0m)



●Earspeaker stand
HPS-2



●Protect cover for earspeaker
CPC-1

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