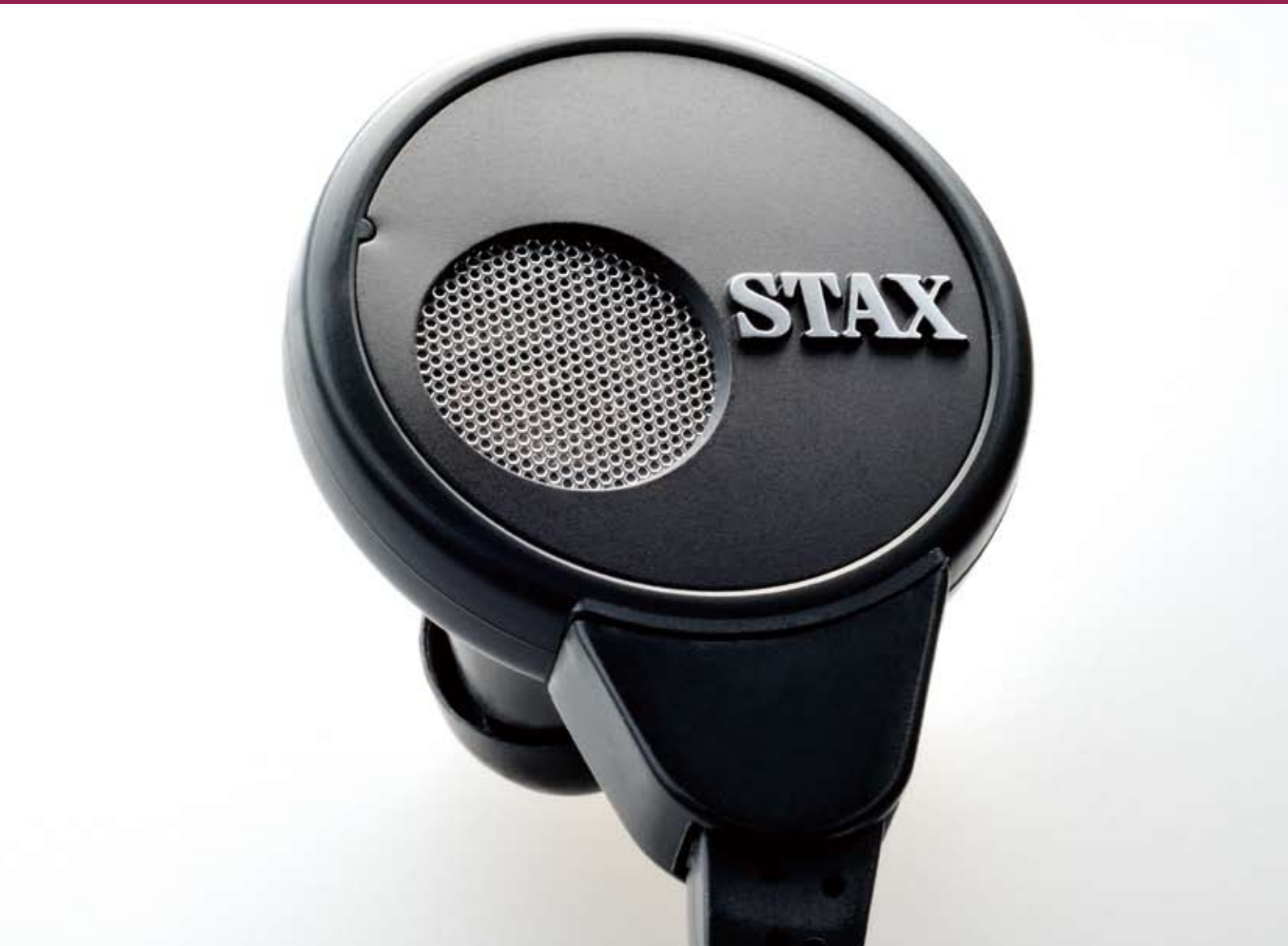
STAX®

SRS-002
electrostatic in-the-earspeaker system
(SR-002 + SRM-002)
(electrostatic in-the-earspeaker + driver unit for in-the-earspeaker)

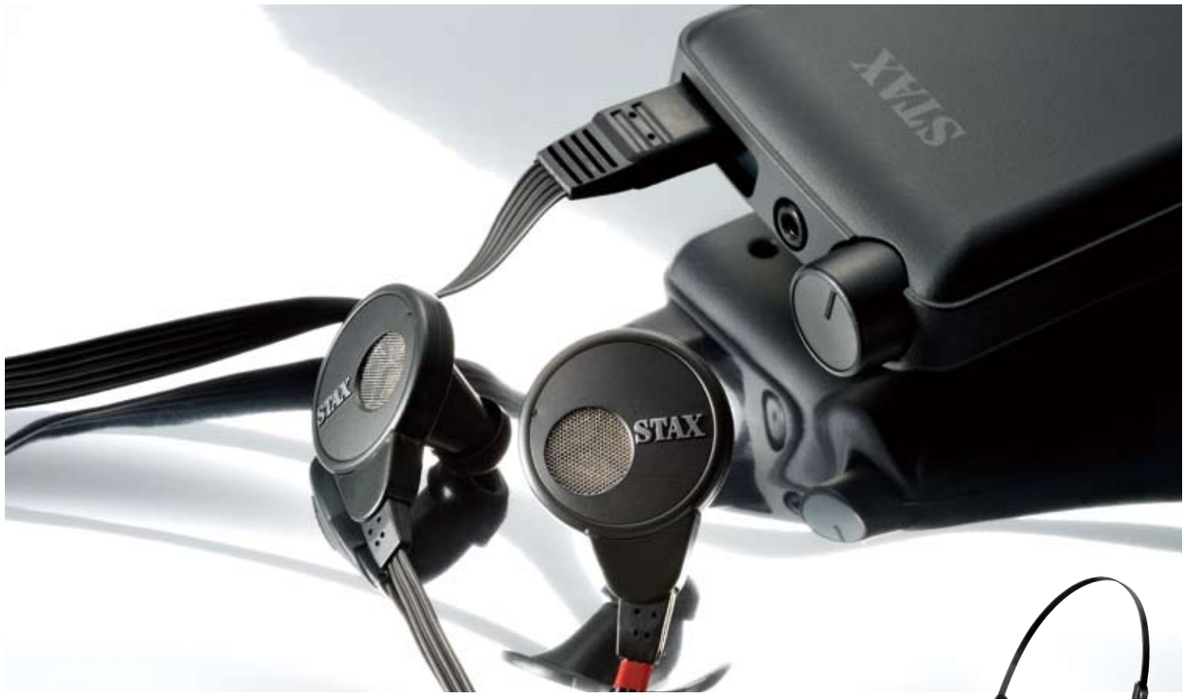
SRS-005S MK2
electrostatic in-the-earspeaker system
(SR-003 MK2 + SRM-252S)
(electrostatic in-the-earspeaker + driver unit for earspeaker)

SR-003 MK2
electrostatic in-the-earspeaker

Premium sound - anytime, anywhere!



Here's the sound world where no compromise in tone quality is allowed just because it is freestyle.



SRS-002
electrostatic in-the-earspeaker system
(SR-002 electrostatic in-the-earspeaker+ SRM-002 driver unit for in-the-earspeaker)

◉ The SRS-002 system has been developed on the theme of full enjoyment of new music scenes, such as mobile audio of which tone quality is greatly improved by the evolution of compression algorithm of music signals etc. The system is the combination of the in-the-earspeaker SR-002 and the driver unit SRM-002. The SR-002 has made much progress in its diaphragm (sound element) by employing the newest and ultra-thin film thinner than before. In addition, the fine brushup of each part has realized the reproduction full of the feeling of high-resolution detailed music signals. Also the SRM-002 has adopted advanced IC etc to improve its still more transparent tone quality and operability along with its upgraded compact lightweight design and textures. The SRS-002 system has employed an exclusive connector developed for small appliances, greatly expanding high-quality listening scene in combination with mobile audio. JAN : 49-96476-00068-1

OVER HEAD ARC

◉ The overhead arc is attached to the SR-002 and the SR-003 MK2.
More excellent wearing comfort can be chosen depending on the scene.

SRS-005S MK2
electrostatic in-the-earspeaker system
(SR-003MK2 electrostatic in-the-earspeaker+SRM-252S driver unit for earspeaker)

◉ Though the main part of the in-the-earspeaker system SRS-005S MK2 is completely the same as the SR-002, the system consists of the improved SR-003MK2 with STAX world's first pro-bias connector and of the driver unit SRM-252S with electronic circuit with every possible luxury. It is compatible with other STAX earspeakers and can also be upgraded into a higher rank model. Since music signals are outputted to each of the two electrodes sandwiching the film diaphragm, the unit offers the world's only and smallest system with the balanced circuit of a high-end amplifier. JAN : 49-96476-00069-8

The merit of headphone listening is the fact that the "speaker" is in contact with the ear. Therefore, depending on the performance of a headphone, it is possible to hear the high-quality source sound without being influenced by the sound conditions of the room or the circumference. Similarly, since the volume of the amplifier is small, it is not necessary to perform big amplification, enabling further pursuit of sound quality. This way, you can enjoy music always anywhere for 24 hours without caring about volume, and so the idea of compromising in quality to some extent is no longer necessary. The particle of very detailed sound comes out at the moment the bow (coated with resin to raise the degree of friction) touches the bowstring of a violin, and at that moment music arises and the sound space is set free. The vibration of the bowstring is transmitted to the face board, then further spreading over and resonating the whole body through the sound post to shake surrounding air with its low-pitched deep sound. Or the long and beautiful reverberation ingredient such as the one sounding and going up to the sky in the Milan dome. Or the mellow voice of a female enka singer・・・ Headphone listening enables you to fully enjoy such sound which is easy to be lost at the time of reproduction. From the moment sound enters a microphone music signals are electric signals all the way until they are sent out to a speaker. The oscillating object that changes the electric signals into air vibration should fundamentally be as lightweight as possible to handle minute electric signals. The STAX earspeaker is an electrostatic type of which advanced high polymer film far thinner than a food lap film is driven to generate air vibration (= sound) by the power of static electricity. In 1960 STAX put an electrostatic headphone in practical use and commercialized it for the first time in the world. It was named "earspeaker" meaning that it equals a loud speaker of a full-scale audio system. Likewise, small type earspeakers that can be inserted in the ear near eardrum is called "in-the-earspeaker".

SR-002
electrostatic in-the-earspeaker

◉ The SR-002 is the only one inner-ear type of the STAX electrostatic earspeaker lineup and can be inserted in the ear. An ultra thin high polymer film is placed between two electrodes of which voltage varies in accordance with music signals, and the voltage variation is faithfully changed into the vibration of air, that is, sound. This is the output side of the same system as the electrostatic microphone used for hi-fi recording. The further degree of high fidelity was realized conjointly through the fine improvements of each part. By equipping the attached arc with the unit, it also can be used as an overhead type. Since the SR-002 employs the exclusive connector only for use in combination with the SRM-002, it is not available as a single product.

SRM-002
driver unit for in-the-earspeaker SR-002

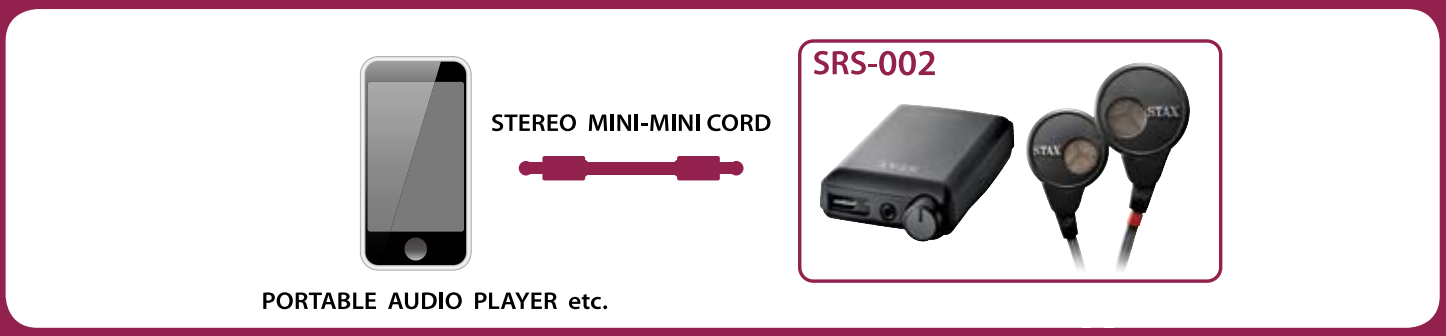
◉ The new SRM-002 is a driver unit newly designed for exclusive use with the SR-002. It features new circuit, new good-sounding electronic parts, new appearance with more lightweight design and its new sound. The new circuit enabled more power saving. It attained large extension of the listening time at dry cell operation. Both kinds of chargeable AA cell battery (about 1.2V) and standard dry cell battery (about 1.5V) become usable. The equipped 'ECO' and 'NORMAL' modes can operate for both type of battery use. Since each mode has its own bias voltage, the difference in each tone quality can also be enjoyed. Operation using optional AC adapter is also possible. The SRM-002 is an exclusive model only for SR-002, and it is not available as a single product.

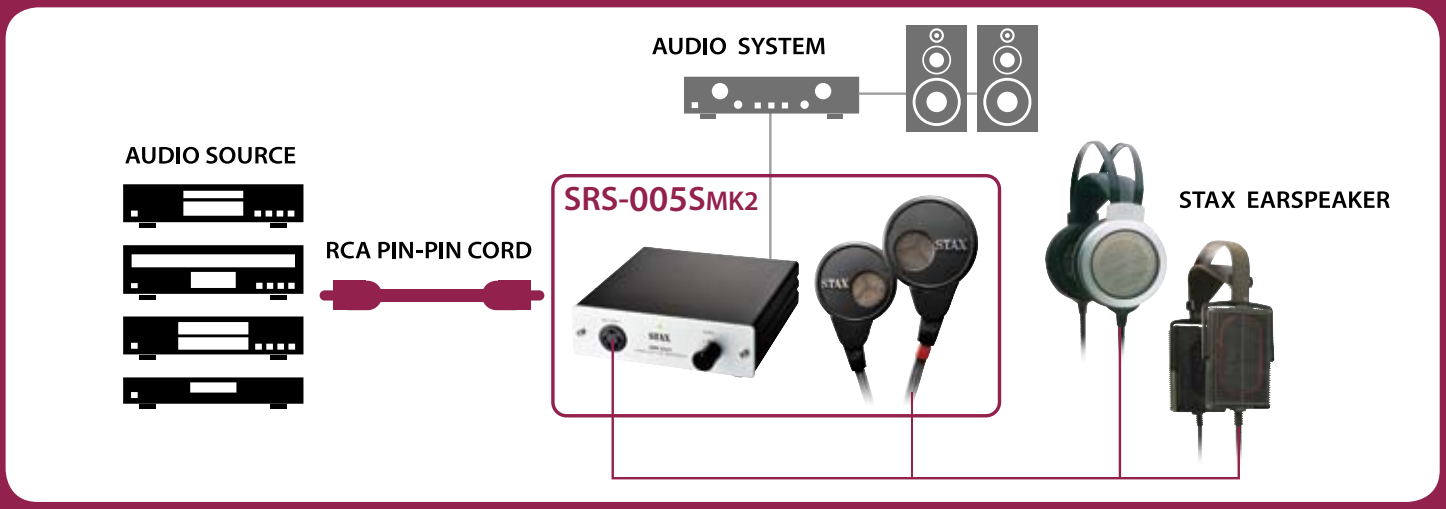
SR-003MK2
electrostatic in-the-earspeaker

◉ The main part of the electrostatic in-the-earspeaker SR-003MK2 is completely the same as that of SR-002, but it has the 5-pin connector used in other STAX electrostatic earspeakers. It's the traditional connector type STAX has uninterruptedly employed since 1960. While the connector of the SR-002 is miniaturized as much as possible for outdoor use, the SR-003MK2 is fundamentally to be used as a desktop, bedside, and pure audio component. The driver unit used as a pair is SRM-252S. The unit enables stable powerful music reproduction by AC power supply. JAN : 49-96476-00072-8

SRM-252S
driver unit for in-the-earspeaker

◉ The SRM-252S is a full-scale pure audio driver unit featuring common 5-pin connector of other STAX earspeakers. It also features the all-stage class-A, balanced DC amplifier system with no coupling capacitor. The drive power is further improved by using the newest high-voltage transistor and high-quality low-noise FET as well as the emitter follower output stage. The power supply is generous enough for driving a single earspeaker. The high resolution, super-wide frequency response and high- speed and a powerful dynamic range of the SRM-252S reproduce fully the fine nuance of music. Moreover, the compact case employs aluminum extrusion material for reliability and to improve heat dissipation effect. The parallel output terminal is equipped for bypassing the input signal.





SPECIFICATIONS

SRS-002 electrostatic earspeaker system

SR-002 electrostatic earspeaker

Type: push pull electrostatic, canal-type in-the-earspeaker **Frequency response:** 20-20kHz (±4dB) **Static capacity:** 44pF (including attached cord) **Sound pressure sensitivity :** 110dB/100V r.m.s./1kHz **Standard bias voltage :** 540-580V **Ear chip:** L/M/S size made of silicone rubber (M size equipped at factory shipment) **Cord :** exclusive for STAX PRO portable, 6-core parallel, total length 1.45m **Weight:** 28g (including cord), 12g (main part only) **Dimension:** 28mm (diameter) **Overhead arc weight :** 15g

SRM-002 driver unit for electrostatic earspeaker SR-002

Frequency response: 20-20kHz **Gain:** 54B **Distortion:** less than 0.1% (1kHz,100V) **Input impedance:** 10kΩ **Rated input voltage:** 100mV/50V output **Maximum output voltage:** 230Vr.m.s **Weight:** 102g (without battery) **Dimension:** (W)66.5mm x (D)110mm (116mm; knob included) x (H)27.5mm **Power consumption:** 0.75W(when using alkaline battery), 1.2W(when using AC adapter) **Usable battery:** size AA battery x 2 (alkaline battery, nickel hydrogen chargeable battery, manganese dry cell, etc.) **Standard continuous operating time of battery:** 5 hours or more (when using alkaline battery at ECO mode operation), more than 4 hours(when using alkaline battery at normal mode operation) *Continuation of use time varies depending on the battery kind. Not all batteries can guarantee the above-mentioned operation time. ***AC adapter:** DC4.5V/300mA, polarity-unification type EIAJ TYPE2(cannot be used depending on the kind of adapter) **Accessory:** 30cm long cord with stereo mini-plug x 1

SRS-005SMK2 electrostatic earspeaker system

SR-003MK2 electrostatic earspeaker

Type: push pull electrostatic, canal-type in-the-earspeaker **Frequency response:** 20-20kHz(±4dB) **Static capacity:** 44pF (including attached cord) **Sound pressure sensitivity:** 110dB/100V r.m.s./1kHz **Standard bias voltage :** 540-580V **Ear chip:** L/M/S size made of silicone rubber(M size equipped at factory shipment) **Cord:** 5-pin for STAX PRO bias, 6-core parallel, total length 1.5m **Weight:** 38g(including cord), 12g(main part only) **Dimension:** 28mm(diameter) **Overhead arc weight:** 15g

SRM-252S driver unit for electrostatic earspeaker

Frequency response: DC-35kHz(using SR-003MK2 at 40V output) **Gain:** 58dB(about x800) **Harmonic distortion:** less than 0.01%(using SR-003MK2 at 100Vr.m.s./1kHz output) **Input impedance:** 50kΩ **Rated input voltage:** 125mV/100V output **Maximum output voltage:** 280Vr.m.s. **Operation environment:** 0˚C-35˚C (non condensing) **Dimension:** (W)132mm x (H)38mm x (D)132mm **Weight:** 540g **Power consumption:** DC12V/4W(using attached AC adapter) **Accessory:** exclusive AC adapter

SRS-002/SR-003MK2
Ear chip: L/M/S (including)

STAX®

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*When you use your earspeaker, please enjoy yourself with moderate volume not to stimulate your ear too much.
*Specifications and appearance are subject to change without notice for improvement.
*The color of product may differ a little from its actual color due to printings.
*The minimum availability period of service parts is 8 years after discontinued.