

# SR-44 electret earspeaker system

The fact that we have named our product "Earspeaker" instead of the usual term of headphone bespeaks Stax's devotion to and pride in its traditional adherence to the electrostatic sound reproduction system.

While the world-renowned Stax SR-5 or SR-X/Mk-3 is of the now conventional electrostatic type, the SR-44 is of the new, so-called electret condenser earspeaker system.

Unlike the former, which calls for a high voltage electric source, the latter or the electret type needs no electric supply, a fact that enables simplification of the adaptor and better defined electric transformation matching.

The superb sound quality of the SR-44, which is comparable to that of its predecessors, is a result of our incomparable know-how in maintaining precise gap between the fixed electrode and ultra-fine transducer film, a technique that has been developed and advanced while manufacturing a series of conventional electrostatic earspeakers for nearly a decade.

The pressure-type, light-weight earpads, which have been given human engineering considerations, will give you no uncomfortable head-crushing sensations while assuring clarity of sound comparable to the electrostatic earspeaker family.

Unlike a loud speaker in which sound reproduced by its transducer of necessarily high stiffness and large radiating surface is always accompanied by undesirable yet ever-present reflective waves produced while the original sound is transmitted through the medium of air in the listen-



ing room, the earspeaker will give you resonance-free sound reproduction because of the very short channel between the transducer and the eardrum which allows no standing waves.

The constant air-load applied to the transducer mechanism also assures excellent transient characteristics and minimal phase distortions throughout the entire range and superior linearity in the low level, all of which will give you very clear and delicately accurate sound reproduction.

"I had never dreamed that a mere headphone could so vividly distinguish between tonal differences of a Class A and a Class AB amplifiers....." (a quotation

from a third party listener's comment) may well be a result of all above features that have been condensed into the SR-44 development.

You may yet discover a new sonic experience by listening through the Stax SR-44.

# STAX

# Accumulated STAX technology has brought about New Generation Earspeaker IN ELECTRET PRINCIPLE

## SR-44

EARSPEAKER SR-40 + ADAPTOR SRD-4

Connections and Other Features of the SR-40 and SRD-4:

By simply inserting the SRD-4 adaptor between the power amplifier and the loudspeaker of your current stereo component system, you can readily select between loudspeakers and earspeakers by means of the adaptor front panel selector switch.

Any amplifier with an output of 5W or larger will sufficiently drive the SR-40. For better performance, we recommend use of an amplifier of lower distortions and wider ranges:

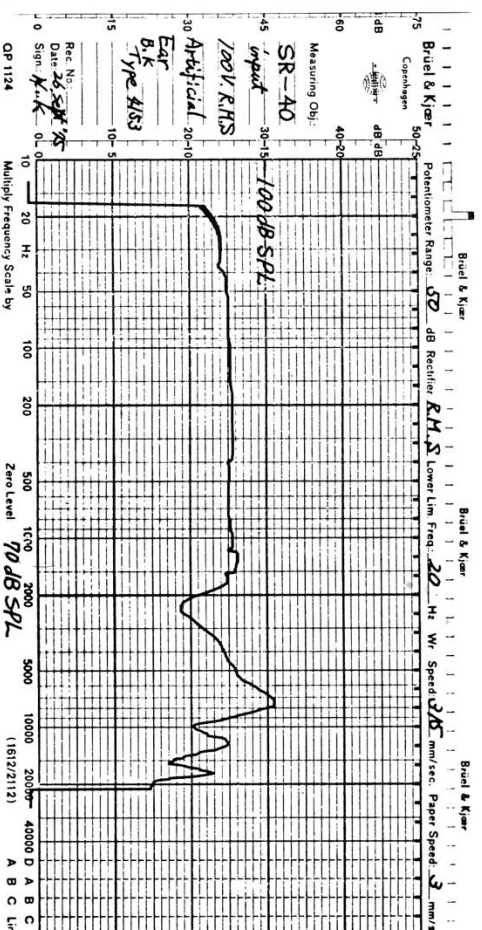
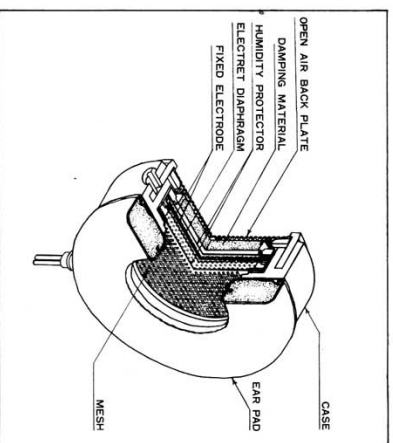
The adaptor incorporates a transformer with a large enough capacity which prevents saturation between the amplifier and the ear-speakers, and enables impedance matching while allowing a wide frequency characteristics.

High reliability is assured by the semiconductor protective circuit of the adaptor and earspeaker which protects the delicate earspeaker mechanism from the excess input.

The earspeaker cord has also been closely scrutinized; the low capacity, parallel-strand,

and curl-resistant cord adds more to the higher performance of the system.

The end product of all those well-examined considerations is a system whose output is a faithful, clear and vivid transformation of the audio electric signals from the reproduction source into live sound to be delivered to your ears, another effective tool to make your musical life more pleasant and enjoyable.



### EARSPEAKER SR-40

- Type: Electret/push-pull
- Frequency Range: 25 ~ 25,000Hz
- Electrostatic
- Capacity: 110pF, including cord
- Impedance: 150KΩ/10,000Hz
- Sensitivity: 95dB/100V rms input
- Maximum Output
- Sound Level: 110dB
- Channel Indication: Cord colouring and indicator plate
- Ear Pads: Soft vinyl, pressure type, Replaceable
- Headband: 18-8 stainless steel, adjustable length
- Cord: 2.5m long/4-parallel-strand, low capacity
- Weight: 250g

### EARSPEAKER-ADAPTOR SRD-4

- Continuous Maximum Input: 5W (1kHz)
- Momentary Maximum Input: 30W (1kHz)
- Frequency Characteristic: 10 ~ 30,000Hz (±2.5dB)  
Less than 0.02% THD (1kHz/1W)
- Distortion Rate: 90 (W) X 66 (H) X 194 (D) mm
- Dimensions: 860g
- Weight:

**STAX INDUSTRIES LTD.**

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