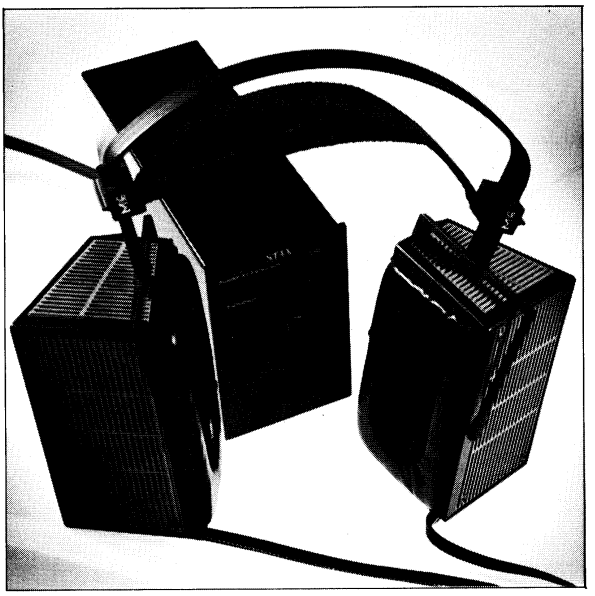
SR-Σ Sigma

panoramic imaging electrostatic earspeaker

The STAX SR-Sigma panoramic imaging electrostatic earspeaker design is a successful attempt to recreate a natural, realistic sound field from a headphone format. Headphones were originally designed for picking up Morse Code in communications, not recreating a musical sound stage. Until the introduction of the STAX SR-Sigma, no headphone manufacturer paid much attention to ambience and its effect on musical imaging.

The SR-Sigma earspeaker design locates an oval shaped electrostatic transducer in front of the ear at a 90° angle to the ear. This does two things to improve the image perspective to the listener. First, by using an oval shaped transducer that is larger than the outer ear itself, the SR-Sigma allows the outer ear to naturally channel the waveform into the inner ear. This allows the sound to reach the eardrum in the most conventional way. Second, the transducer is located in front of the ear, not over the ear. This removes the image perspective from within the listener's head and places the image in front of the listener. The SR-Sigma transducing elements are positioned ideally in terms of the natural perimeters and auditory path of the ear. The result is optimum spacing for music in relation to the ear. The SR-Sigma gives natural sound with none of the tight, sealed-in feeling, or the diminished scale sensations conveyed by ordinary headphones.



Specifications

Type	Electrostatic
Frequency Response	30-35 KHz
Sensitivity	94dB/100v rms
Maximum Output	103dB