

STAX
electrostatic audio products

SR-Ω^{OMEGA}
electrostatic large-sized
mesh electrode
high bias ear speakers
¥180,000 (消費税別)



"Man is the Measure of All Things."

— Protagoras c.485BC

The standard meter, first proposed in 1790, was internationally adopted 85 years later, in 1875, as one ten millionth of the distance from the north pole to the equator. A platinum artifact was constructed, and in 1889 exact replicas of this Meter of the Archives were distributed throughout the world as reference standards. These physical bars have since been replaced by a new standard based on the laser beam.

The audio world has been revolutionized by compact discs and other digital media over the past decade. Many new advances in audio have been required by the fact that listeners are now directly exposed to digital sound.

Digital technology allows precise numerical control, yet some say that perhaps a certain inexplicable spiritual element of music may have been lost with the decline of analog. However, the wide variety of bit rates and sampling frequencies, doubts of whether the true outer limits of human sound perception are being met, and the persistent feeling by some that analog somehow just plain sounds better, are all evidence that much of the digital world still remains to be explored.

The trend towards the precision of digital may have been driven by an innate human need for a reference standard. Consider the motivations which led to the construction of a platinum artifact as the reference standard meter. The audio world also desires its own version of this Meter of the Archives. At Stax, we felt this need and were inspired to create a universal reference standard monitor which could embody both the fundamental essence of music and ultimate limits of modern technology.

What is a Universal Audio Standard?

In 1989, we eliminated all of our preconceptions and began to objectively ponder this question.

1. First, we concluded that only headphones, which are totally immune to the sonic variations of listening rooms, can serve as a truly universal audio reference standard monitor.

2. Then, we completely dismissed all considerations of weight and expense and focused our thoughts entirely on the ultimate in sound reproduction capability.

3. Further, we recognized the need to develop a new cable of the highest performance to fully complement this new transducer.

We also resolved that any new universal reference standard audio monitor must not only be able to easily meet and exceed today's increasingly stringent requirements of dynamic range, frequency response, transient response, and damping factors, such a monitor must also be completely prepared to meet the requirements of a new generation of source technologies.

After carefully reassessing all other technologies, we decided to fully utilize the knowledge and unique experience we gained through developing the world's first electrostatic headphones, or "earspeakers."

We then allowed four years for our ideas, technology and musical spirit to crystallize into reality.

The SR-Ω (Omega)

We call the culmination of our efforts the SR-Ω because we are convinced it represents the ultimate in sound reproduction technology.

Large Circular Transducers

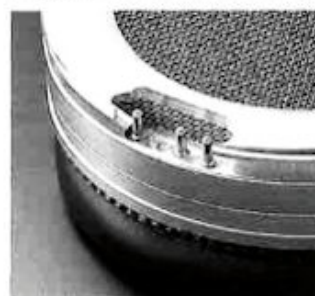
Utilizing round diaphragms 50% larger than the award winning SR-Λ (Lambda) and SR-Σ (Sigma) series, the SR-Ω can effortlessly reproduce the lowest conceivable musical notes. Fully enveloping the whole ear also provides a much more natural sound.

Gold Plated Mesh Electrodes



The new gold plated, copper mesh electrodes have a very fine weave, yet allow extraordinarily free air passage. This unique material also resists vibration while its shape limits reflections back to the 1.5 micron polyester diaphragm. These characteristics achieve transparent reproduction of even the most delicate notes.

Rugged Transducer Housing



Transducer housing components are milled from solid aluminum alloy stock and their surfaces are anodized for increased hardness.

Highest Performance Cable

A 50% increase in cable width greatly reduces capacitance and minimizes interference between each conductor. The very limits of perfect signal transmission are achieved by utilizing wire made from the finest PC-OCC* copper. Drive amplifier load is lowered while sonic depth and detail are dramatically increased.

The SR-Ω eliminates the existing barriers of music reproduction and enters into a whole new universe of sound. However, this sound is not new and unfamiliar, nor is it of some unknown quality. It is the pure sound you have always heard in the natural world.

Now you can clearly hear and experience musical detail which no previous audio monitor system could reproduce.

SR-Ω

OMEGA

electrostatic large-sized mesh electrode
high bias earspeakers

Transducer Type: Push-Pull Electrostatic, Frequency Range: 6 - 41,000 Hz
Capacitance: 110pF (including provided cable), Impedance: 145kΩ at 10,000Hz
Sound Pressure Sensitivity: 99dB/100Vrms/1kHz
Maximum Sound Pressure: 120dB at 400Hz
Standard Bias Voltage: 580V(DC), Weight: 380g (without cable)
Specifications subject to change without notice.

Packaged in a Paulownia Wood case



Note: A dedicated amplifier (SRM series or SRA series) or adapter (SRD series) with 580V PRO Bias is required to drive the SR-Ω earspeakers.

*Pure Crystal - Ohno Continuous Casting

STAX

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