



**STAX**®

REFERENCE SR-009

A close-up, black and white photograph of a speaker driver. The driver is partially obscured by a dark, perforated mesh grille. The lighting highlights the curved, metallic-looking rim of the driver and the fine texture of the mesh. The background is dark and out of focus.

**Since 1938, STAX from Japan, have been leaders in electrostatic technology; pioneering this technology to create many of the finest Earspeakers (headphones) in the world.**



For 73 years, STAX has delighted music lovers and with each new generation of product, STAX has brought them one step closer to the music they love and the finest sound reproduction in the world.

The SR-007 model has set the standard for a number of years now for music lovers everywhere, raising the benchmark for what is possible from a high-performance earspeaker. This remains true today as it did when the SR-007 was first introduced in 1998.

For 2011, STAX has introduced their most ambitious design to date, the grand master of earspeakers, the SR-009. The SR-009 picks up the mantle to become STAX's NEW flagship model and ultimate listening reference for the ear.

### **True magnificence**

Japan is renowned for its state-of-the-art technologies implemented through great disciplines. Without this, the master craftsman at

STAX would not of been able to make the SR-009 a commercial reality. When you see the care and attention to detail in the SR-009, hold it in your hands and then hear it, it is clear to see that such an earspeaker could not of been born anywhere else.

### **An even thinner, lighter electrostatic diaphragm**

For the SR-009, STAX went back to the drawing board and developed a NEW electrostatic diaphragm. Investigating all the materials available, STAX discovered a NEW high polymer ultra-thin film material called 'super engineering plastics'. This superior material brings about many benefits including the opportunity to create a much thinner and lighter electrostatic diaphragm, which would not be possible using conventional engineering plastics. This newly developed electrostatic diaphragm results in superior tonal quality, superior resolution and a far wider dynamic range than ever before.

## **MLER (Multi Layer Electrodes)**

NEW Electrodes known as MLER (Multi Layer Electrodes) were developed for the SR-009. While thinness and flatness are very important for the fixed electrodes, other characteristics such as low resonance and high transmission of sound waves are also just as important. In order to meet these requirements, STAX has created entirely NEW electrodes through the unification of metal plates. These metal plates are processed with ultra-precision photograph etching using a combination of different technologies, which includes heat diffusion on an atomic level.

## **Built with absolute precision**

Aluminium is a very rigid and lightweight metal making it the perfect material for audio equipment. By using it in the frame supporting the electrostatic diaphragm of the SR-009, it ensures the very best performance. Every part of the SR-009 is manufactured with absolute precision.



## High-purity Copper Wire

After auditioning many cables, STAX unanimously agreed that the use of high-purity copper wire delivers superior results. With 99.9999% (6Nines) purity, the copper wire is carefully silver-coated to create the perfect signal carrier to drive the earspeaker correctly without loss or smearing of the delicate musical signal.



A black and white close-up photograph of a leather earpad on a headphone. The earpad is the central focus, showing its texture and how it is attached to the metal frame of the headphone. The background is dark and out of focus, highlighting the earpad's details.

## **Real leather earpads**

Often an after-thought for many headphone designers, how the headphone fits to the listeners ear is extremely important. For the SR-009, STAX once again created a NEW earpad designed to bring maximum sonic benefits. Made of the finest real leather by craftsman's hands, the earpad delivers a nice balance of fine comfortability and good humidity. The NEW earpad also ensures hours of comfortable listening to the music you love.



## **The perfect fit**

The shape of the human head varies so the craftsman at STAX went about implementing a system into the SR-009 to ensure that it would sit comfortably whoever is listening to the earspeaker. The solution was to implement an innovative 10-step slider into the arc (head band) ensuring the SR-009 will fit comfortably on the head of whoever is listening to them, ensuring many hours of comfortable listening to music.

## **STAX for a new generation**

The SR-009 is arguably the finest Earspeaker available today and when partnered with a suitable energiser, you have the ultimate combination for the musical lover who wants to deliver the very finest musical performance to their ears.

SR-009 delivers warmth, purity, delicacy, resolution, speed and dynamics comparable to the finest loudspeakers available and a level of intimacy with the music you love that no speaker can match.

Created for those who want the very best, SR-009 is an astonishing achievement whose performance is far greater than the sum of its parts.

STAX reminds us all of the importance of electrostatic technology because it reproduces music in a way that only electrostatic technology can. It is why STAX continue to win the ears and hearts of so many music lovers.

### **To find out more**

For more details on the SR-009 and the complete range of STAX products, please contact Symmetry on **01727 865 488**.



## SR-009 Specifications

### **Type:**

Push-pull electrostatic circular electrostatic diaphragm, open-air type enclosure

### **Frequency response:**

5 - 42,000Hz

### **Electrostatic capacitance:**

110pF (including cable)

### **Impedance:**

145k $\Omega$  (including cable, at 10kHz)

### **Sound pressure sensitivity:**

101dB / input 100Vr.m.s. / 1kHz

### **Maximum sound pressure level:**

118dB / 400Hz

### **Bias voltage:**

580V DC

### **Right/left channel indication:**

'L' and 'R' indicated on the arc assembly (inside head spring), solid line (left) and dotted line (right) on the cable

### **Earpad:**

Real leather (skin-touching and surrounding portion), high-quality artificial leather (mounting portion)

### **Cable:**

Silver-coated 6N (99.9999%) OFC parallel 6-strand, low-capacity special wide cable, 2.5m full length

### **Weight:**

596g (including cable), 454g (without cable).

Specifications and appearance are subject to change for improvement.

STAX products are distributed in the UK by Symmetry: **01727 865 488**

**STAX**<sup>®</sup>

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