



## Stax

*September 2009 / Stax SR-404 Limited*

# Listen up... limited to just 1000 pieces world-wide, Stax have produced a very special version of the much loved 404 model

### Introduction

In **1979 Stax** released the **SR-Lambda**, a product that has continued over the years to enjoy quite a following among audiophiles from all over the world.

This is a product that has grown in maturity as the years have gone by through the incorporation of new technology and materials. Although it came into being in the analog age, the **SR-Lambda** is a rare example of a long-running model that is equipped with forward-looking qualities. In doing so, it has remained an entirely modern product also in the digital age.

The **SR-Lambda series** is still going strong in 2009, some **thirty years** after its release. **To commemorate this, Stax are releasing worldwide, one thousand SR-404 Limited products based on special specifications.**

### Use of a newly developed silver-plated hybrid cable

Even when the same speaker unit is being used, the final sound quality is likely to differ considerably depending on the **capacity** and **dimensional ratio of the enclosure, the structure, the materials, the design and parts of the network**, and even the **cables used for internal wiring**. This means that, when evaluating the cables used in an audio system, it is necessary



to pay particular attention to a whole range of conditions such as the **current transmission** and the **voltage transmission sections**. In the case of headphones, it's also important to take into special account, the **flexibility** and **internal breakage**, which is caused by the extremely **high flexing frequency** during use.

The **SR-404 Limited** is equipped with an **exclusive, newly developed cable**. The **core cable** makes use of a highly reputed **6N Cu high-purity soft copper cable** (diameter of 0.14 x 3) with **six silver-plated soft copper wires** (diameter of 0.08 x 9) set around the **core cable**.

In order to reduce the volume between the wires, the overall structure is of a **parallel type**, as in the case of previous models. This has made it possible to enhance yet further the **openness** of the sound and to add a sense of natural scale and immediacy to the existing **Lambda series**.

### Inclusion of real sheep's leather ear pads

The **real leather ear pads** have been met with such favourable response through their use on **Stax's high-end ear speakers**, they have now been re-designed for use with the **SR-404** and are included with the **Limited** version.

Using **real leather** brings a number of added benefits. Firstly it achieves better **air-permeability**. Secondly it improves the way in which the speakers fit on the head offering greater flexibility and this in turn contributes significantly to improving the clarity of the sound.



### Body design and emblem

Like all **Stax models**, the **SR-404** is beautifully constructed thought out and a **high-class matt black** has been used as the body colour for this **limited one thousand-piece release**.

The legend "**Lambda Series 30th Anniversary**" proudly graces the head arc and the emblem "**SR-404 LIMITED**" is placed on the top and sides of the main unit.

### One of the best just got better

The **Stax SR-404** has long been a person favourite of **Symmetry's**. Upon hearing the new **Limited version**, it was like jumping back to the moment when first hearing the original and discovering something truly magical all over again.

The **limited one thousand-piece (world-wide) release of the Stax SR-404** means only a lucky few will own and enjoy what will quickly become a collectors item for many a generation to come.

### TECHNICAL SPECIFICATIONS

- **Type:** *Push-pull electrostatic earspeaker, Open-air enclosure*
- **Frequency response:** 7 - 41,000Hz
- **Electrostatic capacity:** 110pF  
*(including attached cord)*
- **Impedance:** 145K $\Omega$  *(including attached cable at 10KHz)*
- **Sensitivity:** 100dB / 100V r.m.s. input / 1KHz
- **Maximum sound pressure level:** 118 dB / 400Hz
- **Standard bias voltage:** 580 VDC
- **Left-right channel display:** L/R display on arc (head spring) and display of unbroken line (left) and broken line (right) on cord
- **Ear pads:** Real sheep's leather for part coming into contact with the ears, high-quality artificial leather for surrounding parts
- **Cord:** 6-core parallel low-capacity cable, total length 2.5m, specially made wide, low-capacity cable
- **Cord conductor:** 6N (99.9999%) OFC + silver plate
- **Weight:** 472g (including attached cord), main unit only 295g
- **Ambient temperature and humidity for use:** 0 to 35 / max. 90% (without condensation).

**SR-404 LIMITED should be used with a driver unit equipped with 5-pin PRO bias terminals.**

*Specifications and external appearance may be changed by Stax without prior notice in order to make improvements.*

