

# SR-X9000 electrostatic earspeaker

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(To be released on October 8)

The newly developed fixed electrode “MLER-3” is installed.

The flagship model reaches the top of earspeakers.

SR-X9000 is the new flagship earspeaker which surpasses SR-009. The four-layer fixed electrode “MLER-3” is installed. Combining a big metal mesh, STAX evolved the multi-layer MLER-2. Because metal-mesh reduces air resistance and the effect of reflection, it has the high sound transparency. So metal-mesh is the ideal material of fixed electrodes. But so far mesh-metal was difficult to manufacture and not installed in fixed electrodes. However, using the diffused junction (thermocompression bonding) technology that we acquired when manufacturing SR-009 and SR-009S, metal-mesh can be used as the material of fixed electrodes.

The diaphragm is made of ultra-thin super engineering plastic film. Due to weight saving close to zero, great transient characteristic is realized. From the base to the high range, the linearity of the sound is improved. The area of the diaphragm increases by 20% compared to SR-009S. This breakthrough realizes the widest sound field ever.

The enclosure of the sound unit is made of tough machined aluminum. This new design firmly fixes the sound unit and completely eliminates unnecessary vibrations. The sound wave from the unit flows more smoothly. The improved acoustic characteristic inside the enclosure realizes clearer sound unaffected by sound reflection.

The guard mesh which is installed parallel to the sound element generates the direct reflections which affect a bad influence on the sound. This problem is solved for SR-X9000. The guard mesh has pillars of different lengths in front and back. This design changes the height of the gap between the sound element and the guard mesh. So the guard mesh cannot be parallel to the sound element and the reflection angle is completely controlled. The sound wave flows smoothly.

The main material of the arc assembly is upgraded to stainless steel. The arc assembly is more tolerant to torsion and the earspeaker more stably fits your ears. The material of the head pad which directly contacts to the skin is genuine leather. The position can be adjusted by the slider parts with 9 step clicking system.

The material of the ear pads is genuine leather (sheep skin) which has excellent breathability and softness. Genuine leather makes the earspeaker to closely fit your ears for a long time and you can fully enjoy the high quality bass and vivid sound. This also reduces fatigue and you can comfortably listen to the music for a long time.

The material of the core cable is a 6NCu ultra-pure annealed copper wire (  $\phi$  0.14×3). The material of the around core cable is a silver plated annealed copper wire (  $\phi$  0.08× 9). So high and low frequency is improved. The cable can be changed (recable). 2 cables (2.5m and 1.5m) are attached and you can choose the cable according to your listening style. The storage case is made of “paulownia wood” which has low thermal conductivity and humidity control capacity. This case is the best storage solution.



The newly developed four-layer fixed electrode “MLER-3”, which has the big round shaped metal mesh built-in, is installed.



The tilt guard mesh which controls sound reflection angle is installed.

- Type: push-pull electrostatic sound element, open-air type enclosure
- Sound element shape: large round shape
- Fixed electrode: MLER-3 (Multi Layer Electrodes)
- Frequency response: 5 - 42,000Hz
- Electrostatic capacitance: 110pF
- Impedance: 145k  $\Omega$
- Sound pressure sensitivity: 100dB
- Bias voltage: 580V DC
- Attached cable conductor: 6N(99.9999%) OFC + silver plated annealed copper wire
- Cable: parallel 6-strand, low-capacity wide cable
- Cable length: 2.5m, 1.5m
- Ear pad: genuine sheep leather (skin touching portion), artificial leather (surrounding portion)
- Weight: 432g (ear speaker)

\*Specifications are subject to change without notice for improvement. \*Use in combination with STAX driver unit.