

Stax SRM-T8000

VACUUM TUBE ENERGISER FOR STAX HEADPHONES

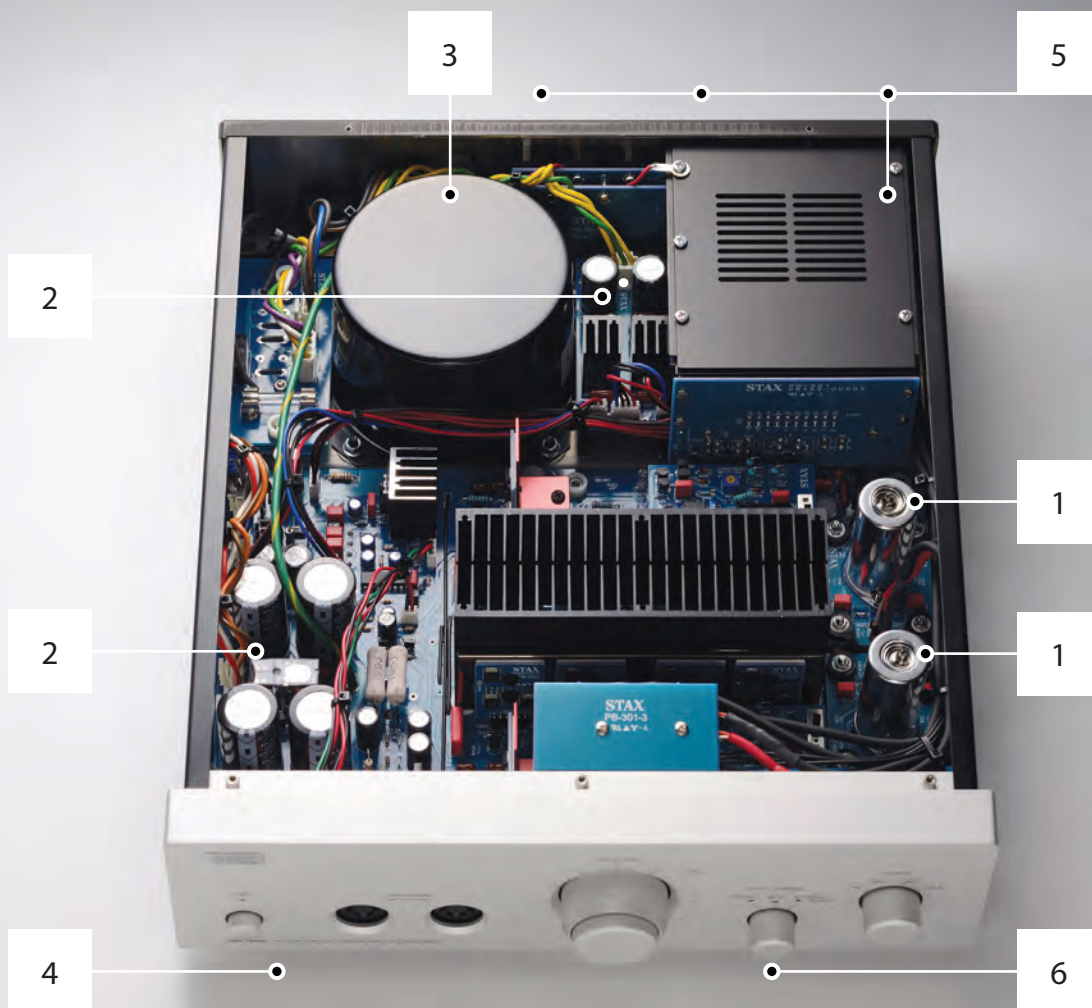


About Stax

Stax was formed in 1938 in Japan and in 1960 they released their first electrostatic Headphone or 'Earspeaker' as they are better known. Being an electrostatic design, a Stax Earspeaker requires an energiser unit to drive them making it a complete package. Over the last 50+ years Stax have refined their designs making them the leaders in electrostatic headphones and arguably the leaders in high performance headphones today.



For decades Stax has designed and manufactured electrostatic energisers, to complement their fine range of Earspeakers. During this period, timeless designs like the SRM-T1, SRM-T1S and SRM-T2 have established themselves as first class energisers, driving Stax Electrostatic Earspeakers to new levels of performance.



For the last two years Stax has embarked on a research programme, with the goal of designing a new generation 'T' series energiser.

We are delighted to announce the new SRM-T8000. This new energiser utilises tried and proven circuit topology but coupled with the latest thinking from Stax engineers. This new generation 'T' series energiser is sure to go on and join the greats from the past. It gives the most transparent and natural sound yet. Details emerge from silent backgrounds. The new levels of transparency and resolution provide the listener with new insight into their favourite recordings. The SRM-T8000 will allow Stax owners to truly experience their Earspeakers for the first time.

Stax have a rich history in manufacturing vacuum tube energisers to drive their renowned Earspeakers. A number of the older and current designs use a solid state FET input stage, running in pure Class A. This was coupled to a vacuum tube output stage.

1

The SRM-T8000 utilises a hybrid circuit too, but with a pair of 6922 dual triode vacuum tubes for the input stage. This circuit is coupled directly to a pure Class A solid state output with a large current emitter follower. To further enhance the performance of this new circuit, the vacuum tubes are mounted on an independent circuit board, which in turn helps to eliminate vibration and external noise. Further noise has been reduced by using vibration proof damping and a vacuum tube shield cover. This attention to detail is similar to the way sensitive hard drives are mounted inside computers.



2

The circuit of the SRM-T8000 is fully balanced from input to output. Also coupling capacitors have been eliminated throughout the signal path to ensure the finest sound.

3

For the first time, Stax has used a large capacity toroidal transformer in their design. This design has low noise and low leakage flux. The new transformer has been mounted on a chassis of non-magnetic aluminium. The elimination of iron in the surroundings of the transformer improves low-level detail, by reducing magnetic fields within the chassis.



4

The SRM-T8000 stands on a newly designed foot. An aluminium ring containing a new vibration proof compound ensures the sensitive circuit off the SRM-T8000 is isolated from external vibration. The high frictional coefficient of the new compound gives a positive grip on whatever surface the SRM-T8000 is used on.



5

The SRM-T8000 has four inputs:
 Input 1 is RCA and is parallel out
 Input 2 is RCA
 Input 3 is full balanced XLR
 Input 4 is for a future circuit board option.



6

A selector switch on the front of the SRM-T8000 can bypass the volume and balance control on the SRM-T8000. Improving the sound quality in some cases. Volume and balance can be controlled via a source component or preamplifier. When used in this mode the SRM-T8000 acts more like an exclusive power amplifier for the connected Earspeaker.



Stax SRM-T8000 specifications

- Frequency response: 1Hz - 115kHz / when used with one earspeaker
- Rated input level: 100mV (at 100V output)
- Maximum input level: 30Vrms / at minimum volume
- Gain: 60dB
- Harmonic distortion: 0.01% or less / 1kHz / when used with one earspeaker
- Input impedance: 50kΩ / 50kΩx 2 (XLR input)
- Maximum output voltage: 470Vrms
- Mains voltage: AC120V/AC220/AC230/AC240, 50/60Hz (depending on your country's voltage)
- Power consumption: 58W (95W with optional slot)
- Operating temperature: 0 to 35 degrees C (less than 90% humidity, non-condensing)
- Dimension: 320 (W) x103 (H) x395 (D) mm (protruding portion included)
- Weight: 7.3kg
- Other: equipped with PARALLEL OUT, volume bypass and MUTE function
- SRM-T8000 available in silver or black.

For further information on the Stax SRM-T8000, please contact Symmetry using the details at the bottom of the page.



Stax SRM-T8000 Gallery

A library of hi-resolution product images is available to download. For access, please contact Symmetry using the details at the bottom of the page.

