



T-Serie AMPLIFIER



T-series key features

- class H2 electronic circuit
- traditional power supply with ring transformer
- efficiency energy saving design
- up to 75% overall efficiency AC-in to output
- internal limiter
- LCD-display
- input connector 2xNeutrik XLR 3-pin female
- input link connector 2xNeutrik XLR 3-pin male
- output connector 3 x Neutrik speakon 4pin
- AC-Plug powercon
- 2 fans for best cooling performance
- silent fans
- easy to clean filter foam (no screws, no tools)

The **PSE-audio** T-series amplifier series are designed according to class H2 amplifier technology. By the concept of Class H2 technique, there are two operation voltages with different levels available for the end transistors. In terms of power requirement a fast speed MOS-FET electronic circuit switches the higher level operation voltage in addition to the output power transistors. With this trick the power dissipation is magnificently reduced and the output power capacity of the amplifier is increased! All **PSE-audio** T-series models are equipped with large dimensioned traditional

power supplies and ring transformers with adequate reserve power capacity. The **PSE-audio** T-series amplifiers provide soft start and all major protection circuits incl. limiter. For bridged operation mode there is an additional 4-pin Neutrik speakon socket available. The grill for the filter foam is fixed by a neodymium magnet and can be easily dismantled without any tools. This provides the option to clean the filter foam readily and frequently. The processing and product quality is outstanding high and match the highest international standard.

technical specification

	T-1200	T-1500	T-2000	T-2400	T-3000
output power (program peak)** 2Ω	2 x 950W	2 x 1200W	2 x 1500W	2 x 1900W	2 x 2400W
output power* stereo 2Ω	2 x 750W	2 x 1000W	2 x 1300W	2 x 1600W	2 x 1900W
output power* stereo 4Ω	2 x 600W	2 x 750W	2 x 1000W	2 x 1200W	2 x 1500W
output power* stereo 8Ω	2 x 400W	2 x 500W	2 x 650W	2 x 800W	2 x 1000W
output power* bridged 4Ω	1 x 1500W	1 x 2000W	1 x 2600W	1 x 3200W	1 x 3800W
output power* bridged 8Ω	1 x 1200W	1 x 1500W	1 x 2000W	1 x 2400W	1 x 3000W
frequency response (±0.3dB / 8Ω)	20Hz to 20kHz				
input sensitivity	0dB to 9dB				
mode	stereo / bridged / parallel				
S/N ratio	>100dB				
THD+N	<0.3% (stereo 8Ω)				
IMD (inter modulation distortion)	<0.5% (stereo 8Ω)				
crosstalk (rated power 1kHz)	>60dB				
damping factor (1kHz, 8Ω)	>300:1				
slew rate	>12V / μs				
input impedance balanced	20kΩ				
input impedance unbalanced	10kΩ				
protection	soft start up, short circuit, DC fault, over heat, over load, limiter				
AC-Voltage	220V-240V 50Hz				
dimension	19" / 2RU depth: 485mm				
weight	18kg	18.5kg	19.1kg	19.6kg	19.8kg

* AC 230V / RMS 1000Hz / max. THD 1% ** stereo mode, one channel driven burst signal (program peak)