



T(M)-Series AMPLIFIER



T(M)-series key features

- build in DSP audio processor
- class H2 electronic circuit
- traditional power supply with ring transformer
- efficient energy saving design
- input link socket 2xNeutrik XLR 3-pin male
- dsp signal link 2xNeutrik XLR 3-pin male
- easy to clean filter foam (no screws, no tools)

dsp-key features

- limiter
- delay
- crossover
- 7 full parametric EQ
- 48kHz sample ratio
- 32bit processing

The **PSE-audio** T(M) series amplifier adopt the same amplifier technology as the T-series amplifier, the two series share the same pcb. The T(M) Version has an additional build in **dsp processor** and is especially designed for fix installation market. The audio engineer can save an optimized dsp setup according to the requirements of room acoustic on the internal dsp processor. On the back side of the amplifier there is an USB socket which allows to connect a PC or laptop to the internal DSP. Via the PC it's possible to adjust the parameters for limit, delay, crossover and 7 full parametric EQ's. Additional to the usual input-link-XLR

outputs the amplifiers are equipped with a further nice gimmick, with XLR outputs for the processed dsp out signal. From here it's possible to link to other amplifiers without dsp and control them via the internal dsp of the T(M)-amplifier (master-slave-function). 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 which is especially important to fix installations to guarantee a save operation and error-free performance. The product quality is outstanding high and match the highest international standard.

technical specification

	T-1200M	T-1500M	T-2000M	T-2400M	T-3000M
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)