

PA High-power Power Amplifier

T-61000R/T-61500R



Product Application

Power amplifier is a high-performance single channel high power amplifier with switching power supply. Its structure is compact and reasonable. Smart protection circuitry provides advanced technology to protect internal circuitry and connected loads, and amplifiers and speakers can be protected under extreme conditions.

It provides regional power amplification for broadcast system. And it is suitable for large area of

broadcast sound reinforcement, including large and medium schools, buildings, clubs, bars, parks and so on.

Feature

- * Using 1U black alumina drawing panel, perfect combined with the compact internal structure, with rigorous manufacture craft.
- * The new topology third generation TR real time power supply tracking power amplifier technology, design of high efficiency power amplifier, perfect alternative to CLASS-A / B.CLASS-D amplifier applications.
- * It not only provides super high efficiency system, but also With Very small size, light weight and long service life of the system .high fidelity sound quality, and perfect restore sound source quality.
- * With good heat dissipation structure, built-in fan cooling system with automatic temperature control, which can eliminate effectively hot air, decrease machine temperature and protect the normal operation of equipment.
- * With volume control button on the front panel, the volume is adjustable.

Function

1 channel LINE unbalanced TRS/XLR input, 1 channel LINE balanced XLR cascade output.

- * With ZVS, ZCS soft switching power supply function, which achieves 92% of the high efficiency of the system;
- * Zero crossover distortion, ensure the quality of the signal undamaged in the amplification process

- * Built in intelligent clipping distortion and over current limit system.
- * Built-in high frequency transformer as system isolation.
- * The equipment has multiple intelligent detection protection system including over temperature, over voltage, under voltage, over current and short circuit.
- * Two constant voltage output modes: 70v/100v.

Specifications

Model	T-61000R	T-61500R
Rated Power Output	1000W	1500W
Speaker Outputs	70V, 100V	
Input Sensitivity & Source Impedance	775mV/10KΩ, Balanced XLR/TRS interface	
Output Sensitivity & Source Impedance	775mV/470Ω, Balanced XLR interface	
Frequency Response	80Hz~16KHz(+1dB, -3dB)	
Noise-signal Ratio	>90dB	
Total Harmonic Distortion	1kHz 0.5%, 1/3 output power	
Ground Line Suspension Switch	ignal ground line is optional: chassis or suspension	
Heat Radiation	Forced air cooling from front to back, start the built-in fan when radiator temperature is up to 45 degrees	
Protection	Over heat, over load & short circuit	
Power Supply	~220-240V 50/60Hz	
Power Consumption	1350W	1800W
Dimension	484x278x49mm	
Weight	4.65Kg	4.75Kg

Rear Panel

