



## Digital Power Amplifier

T-61000H/T-61500D/T-62000D



### Description

- \* Class-D broadcast power amplifier is a high-performance single-channel high-power power amplifier with switching power supply. The structure is compact and reasonable. The intelligent protection circuit adopts advanced class-D digital power amplifier and soft switching power supply to ensure the stability and reliability and protect amplifiers and speakers under extreme conditions.
- \* It can provide regional power amplification for the system, which is suitable for broadcasting reinforcement in a large area, such as medium & large schools, buildings, clubs, venue bars, parks, etc.

### Feature

- \* The 2U streamlined black alumina brushed panel is perfectly combined with reasonable and compact interior, which is exquisite process.
- \* The brand-new exclusive third-generation Class-D digital power amplifier, efficient power amplifier circuit, light weight, long system lifespan, high-fidelity sound quality, and perfectly restored sound source quality.
- \* A good pipe-type heat dissipation structure and built-in automatic temperature control fan cooling system to effectively remove hot air, reduce temperature, and extend normal operation time.
- \* 1-channel LINE unbalanced TRS/XLR high-quality multi-function input interface, 1-channel LINE balanced XLR cascade output.
- \* Built-in PFC circuit and soft switching power supply technology. Automatic soft start enables 92% ultra-high system efficiency.
- \* New power amplifier circuit to ensure zero crossover distortion and lossless signal quality during reinforcement.
- \* Built-in intelligent clipping distortion and over-current protection system can effectively protect the speaker unit.
- \* It has multiple intelligent detection and protection systems for over temperature, over voltage, under voltage, over current and short circuit.
- \* 2 output modes: constant impedance 4-16Ω and constant voltage 100V are optional.
- \* LED indicator for overload.
- \* Overload and short circuit protection.
- \* Standard rack mounted installation.



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### Specification

Model	T-61000H	T-61500D	T-62000D
Rated Power Output	1000W	1500W	2000W
Speaker Outputs	70V, 100V & 4~16Ω, speaker ON or binding		
Input interface	2XLR (input A\B), /link out (A, B)		
Input Sensitivity & Impedance	775mV/10KΩ, Unbalanced XLR/TRS Input		
Output Sensitivity & Impedance	775mV/470Ω, Unbalanced XLR/TRS output		
Frequency Response	80Hz~16KHz (+1dB, -3dB )		
S/N Ratio	>90dB		
THD	Less than 0.5% at 1KHz, 1/3 rated power		
Cooling	Fan automatically start up when temp reaches 45°C		
Protection	Over heat, over load, short circuit		
Power Supply	220V/50Hz		
Power Consumption	1300W	1800W	2500W
Net Weight	8.6Kg	8.7Kg	9.5Kg
Dimension	484x420x88mm		

### Rear Panel

