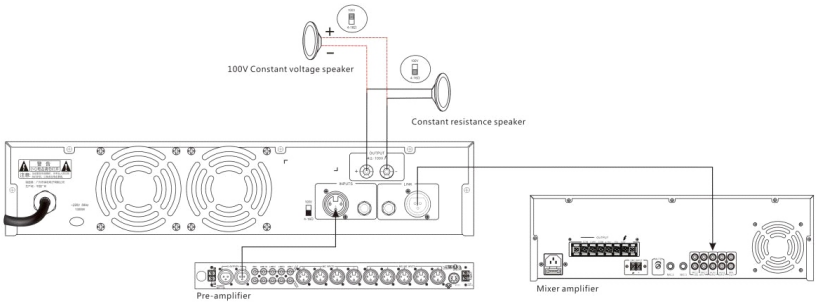
Digital Power Amplifier

T-61000D/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 reinforent 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 reinforent.
* 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.

Specifications:

Model	T-61000D	T-61500D	T-62000D
Rated Power Output	1000W	1500W	2000W
Speaker Outputs	70V, 100V & 4~16Ω		
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		
Protection	Over heat, over load, short circuit		
Power Supply	220V/50Hz		
Power Consumption	200W	300W	400W
Net Weight	8.6Kg	8.7Kg	9.5Kg
Dimension	484x420x88mm		
*Based on GB4943.1-2022 test method: measured at 1kHz sine wave rated load 1/8 power			