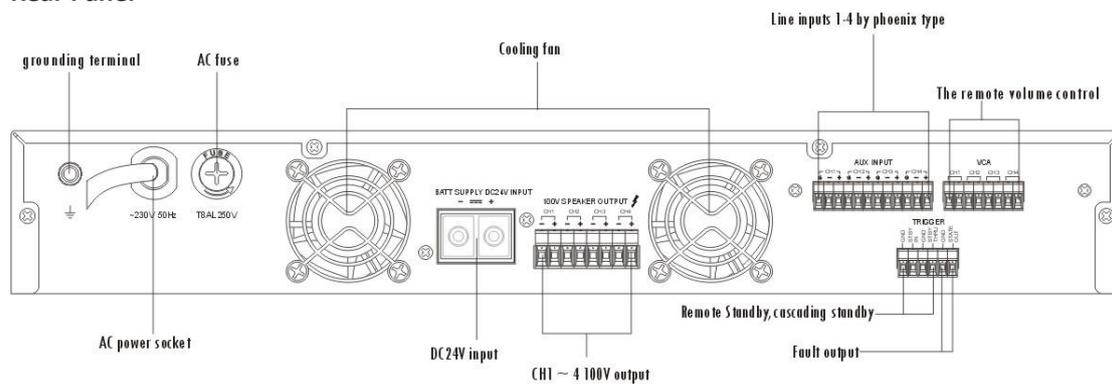


4-Channel Class-D Power Amplifier

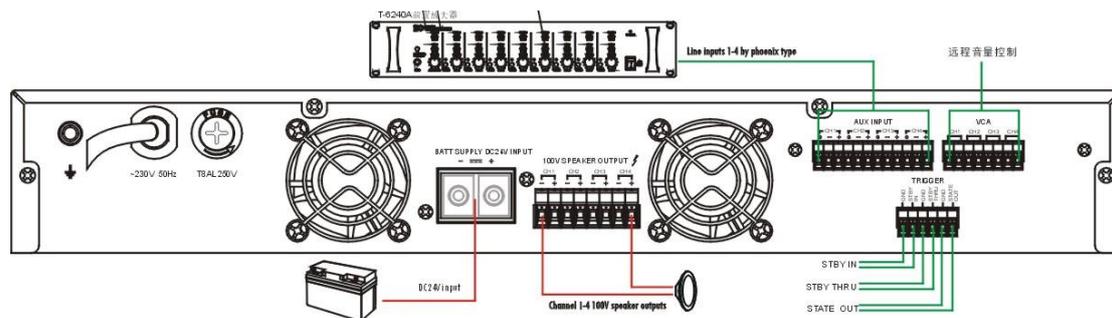
T-4D500



Rear Panel



Connections



Descriptions

The amplifier adopts high class D amplifier circuit, and it is built in high-efficient power switch which enhances the efficiency up to 85%. The product uses reasonable dissipation layout, which makes the amplifier can keep less than 55°C even at severe working conditions, thus largely expanding its life span.

The amplifier is designed with rack mount in 1.5 U height and 19 inches. The output power of this series amplifiers is 500W. The rear panel provides with 4 channels 100V output terminal wiring speaker, a phoenix interface for remote control and monitoring equipment working condition. Extensive protection includes high temp, overload and short-circuit.

Features

- * Built-in powered band pass signal filter, Effectively filter out useless audio signal.
- * 4 channel balanced line inputs, 4-channel 4 x 500W power output.
- * 4 channel separate volume control.

- * 4 channel separate status indicators include signal, peak, protection and Led power supply.
- * With power amplifier output normal condition monitoring, power amplifier standby control and power amplifier standby cascade port.
- * Power amplifier matches with DC 24V power supply terminal, and has the voltage protection within 21.6~26.5Vdc, which avoids long-term supply for battery failure or damage of high voltage equipment.
- * Speaker Output: 100V constant voltage
- * With the electric isolation of the equipments, and signal input and power amplifier output is also isolated in electric, matching with 3C, UL, IEC60065 certificates.
- * Extensive high temp, overload and short-circuit protection.

Specifications

Model	T-4D500			
Rated Power Output	4x500W,			
Speaker Output	100V			
Input Sensitivity & Impedance	± 385mV/20KΩ, balanced H5.08 European connector input			
Overload Electromotive Force	> 11dB, balanced H5.08 European connector input			
Frequency Response	80Hz~18KHz(+1dB, -3 dB)			
S/N Ratio	≥ 85dB			
THD	≤ 0.5% at 1KHz, 1/3 rated power			
Controls	Volume control and power switch control on the panel; Remote standby control and remote amplifier state reading (Phoenix connector on the rear panel); Remote audio transmission (CobraNet connector on the rear panel)			
Indicators	signal, peak, protection, power			
Protection	high temp, speaker, DC output ,overload and short-circuit			
Cooling	Forced cooling (half speed control start up 50°C ; full speed control start up 70°C)			
Power Consumption	2250W			
Power Supply	~230V 50Hz(can be customized to be AC110V 60Hz) DC24V(24V DC battery standby)			
Dimensions	484 x 440 x 66mm			
Weight	10.5Kg			