



## Descriptions

This range of two channel power amplifier is Class-D series, which built two separate amplifiers into a single chassis. The output power of this series amplifiers are 500W by two channels. The amplifiers are designed to be both tabletop and rack mountin 1U height. A shinning feature of this amplifier is that power electricity saving technology has been adopted.

From one hand, switch power supply, the machine efficiency is as high as 85%. From another hand, this amplifier is also preferable for much lower heat generation of less than 55 even at severe working conditions, thus this benefits are not only good for green environment but also good for extension of lifespan. Two channel separate balanced line inputs by phoenix connectors.

Two channel RJ45 ports for remote power control, volume control and status monitor. Remote power on/off could be done through the RJ45 port. And two channel separate speaker outputs of 100V line without transformer. Two Channel separate volume control. Two channel separate status indicators include signal, peak and protection. AC 230V working voltage. Two channel separate DC 24V input for higher reliability, which are also designed for wide range protection within 20V to 25.6V, so as to protect battery during power shortage and protect circuit from high voltage damage. Two channel separate cooling system to ensure the system internal temp kept under 55. Extensive protection includes high temp, overload and short-circuit.

## Features

- \* Class-D series digital power amplifier.
- \* Switch power supply.
- \* 85% high efficient amplifier.
- \* Low power consumption and less heat generation.
- \* Two channel power amplifier in 1U height.
- \* RMS power output of 500W by two channels.
- \* Two channel balanced line inputs by phoenix connector.
- \* Two channel separate speaker outputs of 100V without transformer.
- \* Two channel RJ45 ports for remote power control, volume control and status monitor.
- \* Remote power on/off could be done through the RJ45 port.
- \* Two channel separate volume control.
- \* Built-in powered band pass filter for 80Hz to 16kHz signal.
- \* Two channel separate cooling system for each channel.
- \* Two channel separate status indicators include signal, peak and protection.
- \* Extensive high temp, overload and short-circuit protection.
- \* AC 110V or 230V and DC 24V operation.
- \* Two channel separate DC 24V inputs with wide voltage protection.

## Specifications

Model	T-2500D
Rated Power Output	2x500W
Speaker Outputs	100V
Input Sensitivity & Impedance	±385mV/20KΩ
Overload Electromotive Force	>11dB
Frequency Response	80Hz~16KHz (+1, -3dB)
S/N Ratio	≥ 85dB
THD	≤ 0.1% at 1KHz, 1/3 rated power
Controls	Remote power control, volume control and status monitor
Indicators	Signal, peak, protection and power
Protection	High temp, overload & short-circuit
cooling	Fan automatically start up when temp reaches 55°C
Power Consumption	1150W
Power Supply	~110V-230V 50/60Hz
Dimensions	484 x 395 x 44mm
Weight	6.62kg

## Rear Panel

