



Descriptions

The range of two channel power amplifier is Class-D series. On one hand, switch power technology with APFC (Active power factor correction), had enhanced the efficiency up to 85%. on another hand, the amplifiers are also preferable for much more heat generation of less than 55 degrees even at severe working conditions, thus these benefits are not only good for extension of life span.

The amplifiers are designed to be both tabletop and rack mount in 1.5U height. The outputs power of this series are 240W. On the real, there is one line 100V output to connect with speaker. A line input by phoenix connector is for remote control and status monitor. Extensive protection includes high temp, overload and short-circuit.

Features

- * Built-in active filters band pass signal to effectively filter out useless audio signal.
- * 2 channel balanced line inputs, 2-channel 2 x 240W power output.
- * Independent volume control.
- * LED indicator includes signal, peak, protection, power supply signal.
- * With amplifier monitor output, standby control and standby cascade port.
- * With DC24V input, with wide voltage range protection (21.6 ~ 26.5Vdc), to avoid damage to equipment in case of long-term feed failure from backup battery or ovwe voltage.
- * AC 110V or 230V and DC 24V operation.
- * Output: 100V.
- * Electrical isolation for device, signal input and output, in line with 3C, UL, IEC60065 certification standards.
- * Built-in short circuit, overload, and overheating protection.

Specifications

Model	T-2D240
Rated Power Output	2 x240W
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	Remote volume control, power control, standby control and status monitor (phoenix connector)
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	550W
Power Supply	~110V ~230V 50/60Hz DC24V (24V DC battery standby)
Dimensions	484 x 445 x 66mm
Weight	8.2Kg

Rear Panel

