



Digital power amplifier

TZ-DS2500



Description

When paired with a broadcast system, it provides power amplification, offering you a perfect sound quality solution.

Features

- 1.High-end 1U sandblasted panel, beautiful and elegant;
- 2.The amplifier has an efficiency of up to 85%.
- 3.The Class D power amplifier design utilizes the latest patented technology.
- 4.The optimal internal heat dissipation layout keeps the internal operating temperature at 55°C, which can extend the service life of the equipment.
- 5.The device interface includes two constant voltage 100V/constant resistance 4-16Ω power switching outputs.
- 6.It has a fault detection output interface to monitor the power amplifier's operating status in real time.
- 7.It has two independent power supplies.
- 8.Features 2-channel terminal balanced input
- 9.It has two terminal power outputs.

Specification

Output power	2*500W
Output method	100V constant voltage output, 4-16Ω constant resistance output
Input sensitivity (impedance)	±385mV/20KΩ (balanced)
Overload source electromotive force	>11dB
frequency response	80Hz~16kHz (+1, -3dB)
S/N	≥85dB
Total Harmonic Distortion	≤0.1% at 1kHz, 1/3 of rated power
Control method	Remote power switch control and fault detection feedback
protection mechanism	High temperature protection, overload protection, short circuit protection
Cooling mechanism	Forced ventilation and heat dissipation by fans
Status indicator lights	Signal, peak, protection, power supply
power supply	230V/50Hz
Power consumption	1250W (MAX)
Dimensions (width, depth, height)	484mm×315mm×44mm
weight	4.7kg