



1-Channel Class-D Digital Amplifier(T-160DS/ T-1120DS/T-1240DS /T-1350DS/T-1500DS/T-1650DS)



Description

Provide regional power amplification for broadcast systems. Suitable for club, venue, shopping center and other broadcast systems with high-power demands on power amplifier.

Adopt high-efficiency Class-D amplifying circuit with built-in high-efficiency switching power supply, which makes the whole machine efficiency up to 85%. Reasonable heat dissipation layout is adopted inside the product, which enables the product to maintain a working temperature lower than 55 degrees even in extremely harsh working environment, greatly extending the service life of the equipment.

1U standard 19-inch industrial cabinet design. Provide 1 channel of 100V or 4-16Ω output terminal wiring speaker. With the fault output function, it can remotely monitor the working state of amplifier. It has short circuit, overload and overheat protection.

Features

- * 1 channel high-efficiency Class-D digital amplifier, independent power supply;
- * Output 100V without transformer. Can switch constant impedance 4-16Ω output;
- * 85% high efficiency amplifier, low power consumption, low heat.
- * 1 channel of European terminal balanced input, 1 channel of European terminal output.
- * With the fault output function, it can remotely monitor the working state of amplifier.
- * 1 channel independent power supply function. The power amplifier has voltage limit, short circuit, overload and overheat protection.

Specifications

Model	T-160DS	T-1120DS	T-1240DS	T-1350DS	T-1500DS	T-1650DS
Rated power output	60W	120W	240W	350W	500W	650W
Rated output	100V/4-16Ω					
Input sensitivity (impedance)	±385mV/20KΩ, balanced input					
Overload source electromotive force	>11dB					
Frequency response	80Hz~16KHz (+1, -3dB)					
SNR	≥85dB					
THD	≤0.1% at 1KHz, 1/3 rated power					
Control	Remote power control and fault indication					
Indicator light	Signal, peak, protection, power					
Protection	High temperature, overload, short circuit					
Cooling	Fan forced cooling					
Power consumption	90W	160W	300W	600W	750W	900W
Power supply	230V/50Hz					
Size	484 x 315 x 44mm					
Weight	3.3Kg	3.6Kg	3.7Kg	3.8Kg	3.9Kg	4.1Kg