



# 1-Channel Class-D Power Amplifier

## T-1120D



### Description

The amplifier adopts high class D amplifier circuit, with 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 U height and 19 inches. The rear panel provides with 1 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

- \* 1 channel class D digital power amplifier, 1 independent channel without transformer output is 100V.
- \* The rear panel is equipped with a "ground" line suspension switch, which effectively eliminates the loop noise caused by the connection of the "ground" lines of multiple equipment signals.
- \* 85% high efficiency amplifier, low power loss, low heat.
- \* 1 channel European terminal balanced input, 1 channel European terminal output.
- \* Remote control of power-on function: remotely turn on the power of the machine, and disconnect the power of the machine when both functions are turned off at the same time.
- \* Fault output function, remote monitoring power amplifier working state.
- \* 1 channel independent 24V standby power inverter function, power amplifier with voltage limit, short circuit, overload, overheat protection.
- \* AC 110V or 230V and DC 24V optional.

### Specifications

Model	T-1120D
Rated Power Output	120W
Rated constant voltage output	100V
Input Sensitivity & Impedance	±385mV/20KΩ, balanced input
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 and fault indicator
Indicators	signal, peak, protection, power
Protection	high temp, speaker DC output ,overload and short-circuit
Cooling	Forced cooling
Power Consumption	160W
Power Supply	~110-230V 50/60Hz
Dimensions	484 x 350 x 44mm
Weight	3.8Kg

### Rear Panel

