

2CH Professional power amplifier FDP-2300 2×300W 8ohms



Description:

The professional sound range digital class-d amplifier is designed with switching power technology, whose advantages are without transformer for less heat generation and long life span. Moreover, higher efficiency of more than 85% could help to decrease the power electricity consumption by green environment protection. Special power circuit design of PWM to ensure the world first level natural cooling system with additional four fans.

The 19" rack mount 1RU height design is suitable for universal permanent installation of any sound reinforcement system. The digital Class-D technology also bring the lighter amplifier of less rack space consumption into true, so it is very useful and cost-effective amplifier for installer and system contractor.

The FDP-2300 class-D professional power amplifier rated power output is 2×300W@8 , so it is design for various installation applications like for government building, stadium, theater and cinema, capacity of each unit maximum connection of four professional sound low impedance loudspeakers.

Feature:

- Robust performance range professional power amplifier.
- Ideal for life performance, permanent installation and sound reinforcement system.
- Switching power technology digital Class-D level power amplifier.
- Green technology amplifier by 85% efficiency of less power consumption, higher power output, less heat generation and longer life span.
- With PWM special power circuit to ensure excellent cooling system.
- 19" universal rack mount type in 1U height.
- Minimum weight less than 5kgs without transformer technology.
- Support stereo output at 8 , 4 to 2 .
- Input by balanced XLR male connector of two channels.
- Link by balanced XLR female connector of two channels.
- Output by balanced Screw connector of two channels.
- Complete protection include clip, high temp, overload and short circuit.
- With four fans for cooling down the internal temperature.
- Visual indicator of output level meter, power, protection and clip.
- Comes with 2 years quality warranty.



Specification:

Model	FDP-2300
Description	Class-D Professional Power Amplifier
Amplifier Class	D-Class
Power Output RMS Stereo	2×300W@ 8Ω 2×480W@ 4Ω 2×670W@ 2Ω
Efficiency	>85%
Frequency Response	20Hz~20KHz (at±0.3dB)
IMD-SMPTE	<0.3%
THD @ 1kHz	<0.3%, 1dB below clip
Damping Factor @ 8Ω	>800
Slew Rate	50V/μs
Signal/Noise Ratio	>105dB
Input Sensitivity	1V
Voltage Gain	35dB
Input Impedance	20KΩ (bal.), 10KΩ (unbal.)
Crosstalk	>75dB
Connector	Input by XLR male, link by XLR female, output by screw connector.
Protection	Clip, high temp, overload and short circuit
Cooling	fans
Power Supply	AC 220~240V, 50/60Hz
Dimension	483(W) ×304(D) ×45(H)mm, 1RU height
Net Weight	3.85kg