

Eight Channel Class-D Professional Amplifier 8×350W@8Ω SP-DP835



Description:

The SP-DP835, eight Channel class-D professional amplifier is designed of switching power technology, whose advantages are without transformer for less heat generation and long life span. High reliability, extremely low distortion, high cost performance, high efficiency, excellent sound to bring you a new understanding of digital amplifiers. Higher efficiency of more than 85% decrease the power electricity consumption and protect green environment. Special power circuit design of PWM to ensure the world first level natural cooling system with additional four fans.

The eight channel class-D professional amplifier is of 1U 19" rack mount design, 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 rated power output of this amplifier is 8×500W @4Ω, 8×350W at 8Ω, it is a multi-channel digital amplifier designed for cinema systems, smart homes, and home theaters, also ideal for meeting room, stadium, bar, theme park and train station indoor and outdoor sound system, capacity of maximum connection of eight professional sound low impedance loudspeakers.

Feature:

- Powerful performance range professional eight channel class-D power amplifier.
- Ideal for cinema, club, bar, restaurant & worship building audio system.
- High efficiency SMPS and big current storage, intelligent Limiter, multi-protection functions.
- Modularization design, each channel is completely independent working without influence to other channels. The interference between channels has controlled to the minimum.
- 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 design, small size, light weight, big output power.
- Support power output of 8×500 Watt in stereo mode.
- 8 signal input connections by balanced phone jack.
- Loudspeaker outputs are connected using Speakon.
- 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, bridge, power, protection and clip.
- Fine materials used, imported power transistors, high frequency capacitors, imported fans.

Specification:

Model	SP-DP835
Description	1U Eight Channel Professional Power Amplifier
Technology	Class-D
RMS Power @ 8 Ohm Stereo	8×350 Watt
RMS Power @ 4 Ohm Stereo	8×500 Watt
RMS Power @ 2 Ohm Stereo	8×600 Watt
Max Output	57V
Input Sensitivity	1 V
Max Input Level	26 dBu
Gain	34 dBu
THD+N	< 0.3%
IMD-SMPTE	< 0.3%
Slew rate	
Crosstalk	>75 dB
Frequency Response @ 8Ω	20Hz~20KHz
Input Impedance	10KΩ
Damping Parameter	>1000 (8Ω, 20HZ~200HZ)
S/N Ratio	>105dB (20HZ~20KHZ)
Connector	Input by Combo female, link by XLR female
Efficiency	>85%
Cooling	Air flow from front to rear
Power Consumption	550VA (1/8 Max Output @4Ω)
Power Consumption	1100VA (1/4 Max Output @4Ω)
Power Supply	AC 220-240V or 115V, 50~60Hz
Net Weight	10.9 KG
Product Dimension	483(W)*430(D)*44(H)mm
Gross Weight	12.5 KG/pcs
Package Size	530(W)x530(D)x90(H) mm, 1pcs/ctn

Front and Rear Panel:

