

Four Channel Class-D Professional Amplifier

SP-DP425(4×250W@8Ω), SP-DP435(4×350W@8Ω)
SP-DP460(4×600W@8Ω), SP-DP480(4×800W@8Ω)
SP-DP4110(4×1100W@8Ω), SP-DP4130(4×1300W@8Ω)



Description:

The SP-DP4 series, four 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 four 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.

It delivers highest output of RMS 4*1300W/8Ω 4*2400W/4Ω. Within the 1U space, this series has reached a new peak of output power transferring. 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 six professional sound low impedance loudspeakers.

Feature:

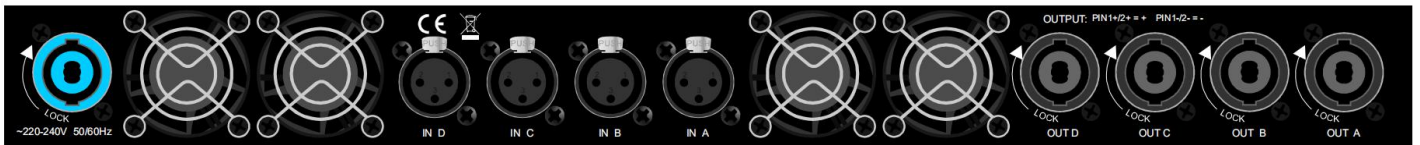
- Powerful performance range professional four channel class-D power amplifier.
- Ideal for cinema, club, bar, restaurant & worship building audio system.
- High efficiency SMPS and big current storage, intelligent Limiter, multi-protection functions.
- Modularization design, each channel is completely 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 up to of 4*1300W/8Ω in stereo mode.
- 4 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-DP425	SP-DP435	SP-DP460	SP-DP480	SP-DP4110	SP-DP4130
Description	Professional Power Amplifier					
Amplifier Class	Class D					
Power Output 8Ω Stereo	250W*4	350W*4	600W*4	800W*4	1100W*4	1300W*4
Power Output 4Ω Stereo	400W*4	500W*4	1000W*4	1500W*4	1800W*4	2400W*4
Power Output 2Ω Stereo	500W*4	600W*4	1200W*4	1800W*4	2200W*4	2600W*4
Frequency Response 8Ω	20Hz~20KHz, ±0.3dB~±0.3dB					
Slew Rate	50V/μs					
THD+N	<0.3%					
IMD-SMPTE	<0.3%					
S/N Ratio	>105dB					
Crosstalk	>75dB					
Damping Factor	>800 (8Ω20HZ~200HZ)					
Input Power or Voltage	1.2V					
Input Impedance	20KΩ (balanced) 10KΩ (unbalanced)					
Voltage Gain	32dB	35dB	36dB	38dB	39dB	40dB
Efficiency	>85%					
Cooling	Four high-efficiency fans air flow from front to rear					
Connector	Input by XLR female, output by Speakon female					
Power Supply	AC 220~240V, 50~60Hz					
Product Dimension	483*375*44mm, 1U			483*430*44mm, 1U		
Net Weight	7.2Kg		10.5Kg		11.5Kg	
Package Dimension	530(W)×90(H)×530(D) mm					
Gross Weight	8.8KG		12.1KG		13.1KG	

Front and Rear Panel:

SP-DP425 & SP-DP435



SP-DP460, SP-DP480, SP-DP4110 & SP-DP4130

