

Eight Channel Class-D Professional Power Amplifier 8×350W@8Ω
SP-DP835**Description:**

The SP-DP835, Eight Channel class-D professional power amplifier 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 1U 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:

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| Model | SP-DP835 |
| Description | 8CH 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:

