



PA Amplifier AP-PCD412/PCD424/PCD435/PCD450 Four Channel Power Amplifier



AP-PCD412	4x120W Class-D Four Channel Power Amplifier
AP-PCD424	4x240W Class-D Four Channel Power Amplifier
AP-PCD435	4x350W Class-D Four Channel Power Amplifier
AP-PCD450	4x500W Class-D Four Channel Power Amplifier

The AP-PCD412/PCD424/PCD435/PCD450 Series Digital dual channel class-D power amplifier is switching power technology, which features of minimum power consumption and much higher efficiency up to 85%, moreover it helps to save installation rack space, generate less heat so as to extend its performance life span as a result. It could be used as digital public address system at minimum cost.

The versatile loudspeaker outputs of both high impedance 100V & low impedance 4-16ohms enable it meet both types of PA fixed installation and Hi-fi stereo sound installation applications. There are one balanced inputs by phoenix connector with gain control. The built-in high-pass filters could be enabled or disabled through the dip switch pre-setting.

The PCD series amplifier supports automatic standby enable after no detection of signal input for one minute, immediately wake up at sight of any input. Designed product with Visual easy supervision concept and that are giving information of working status indicators for protection, clip, input and output. Extra protection features are added like complete short circuit, overload, high temp, clip and DC protection.

Switchable AC power supply from 115V to 230V, thus it support worldwide sound system installation. DC24V operation is optional at order request for immediately shipment as well.

Features :

- Single Channel Class-D PA power amplifier of minimum power consumption
- Compact and light weight design for less rack space and less heat generation
- Rated power output 4x120W/ 4x240W/ 4x350W/ 4x500W
- Supports multiple speaker outputs 100V and 4 ~ 16 Ohms
- Industrial 19" rack mount 1U installation design
- Balanced XLR input by phoenix connector
- Each input with separate gain control and high-cut filter
- Built-in auto standby feature to save power consumption
- Separate indicators for protection, clip, input and output
- Safety measures precaution for short circuit, overload, high temp. & DC protection
- Powered by 230V AC(DC-24V and AC-115V Optional)

Technical Specifications

Model No.	AP-PCD412	AP-PCD424	AP-PCD435	AP-PCD450
Amplifier	Class-D Power Dual Channel			
Rated Power Output	4x120W	4x240W	4x350W	4x500W
Speaker Out	100V, 4 ~ 16Ω			
Frequency response	L/H Cut OFF 20Hz-20KHz (+ 1/-2dB) L/H Cut ON 70Hz-10KHz (+ 1/-3dB)			
S/N Ratio	>80dB			
Crosstalk	>60dB, 1KHz, max. output			
Input Impedance	10K Ohms			
Input	0.775V, Balanced phoenix connector			
THD	<0.1% (1KHz/-3dBv, 100W)			
Protection	Short circuit, Overload, High temp, Clip, DC protection			
Power Input	220V AC Input, 50 ~ 60Hz (115V & 24V-DC Input Optional)			
Power Consumption	<320W	<560W	<810W	<1100W
Working temp. & Humidity	0°C ~ 40°C, ≤ 95%RH (Not condensing)			
Mount	19" Rack Mount 1U, Table Top			
Enclosure & Color	Full Metal, Black	Full Metal, Black	Full Metal, Black	Full Metal, Black
Dimension & Weight	44(H) x 485(W), <8Kg	44(H) x 485(W), <9Kg	44(H) x 485(W), <9Kg	44(H) x 485(W), <10Kg

APPLICATIONS

Auditorium & Outdoor Events



Disco Clubs & Restaurant



Apartment & Corporates

