



PA Amplifier AP-PCD212/PCD224/PCD235/PCD250 Dual Channel Power Amplifier



AP-PCD212	2x120W Class-D Dual Channel Power Amplifier
AP-PCD224	2x240W Class-D Dual Channel Power Amplifier
AP-PCD235	2x350W Class-D Dual Channel Power Amplifier
AP-PCD250	2x500W Class-D Dual Channel Power Amplifier

The AP-PCD212/PCD224/PCD235/PCD250 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, generates less heat, as a result of that, it enhances performance and life span. 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 enables it to meet both types of PA installation and Hi-fi stereo sound installation applications. There are two 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 enabled after no detection of signal input for one minute and it immediately wakes up at sight of any input. Product is designed with Visual easy supervision concept and that gives information of working 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 supports worldwide sound system installation. DC24V operation is optional.

Features :

- Dual 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 2x120W/ 2x240W/ 2x350W/ 2x500W
- 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
- Individual indicators for protection, clip, input and output
- Separate channel safety measures for short circuit, overload, high temp. & DC protection
- Powered by 230V AC(DC-24V and AC-115V Optional)

Technical Specifications

Model No.	AP-PCD212	AP-PCD224	AP-PCD235	AP-PCD250
Amplifier	Class-D Power Dual Channel			
Rated Power Output	2x120W	2x240W	2x350W	2x500W
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	<9Kg	<9Kg	<10Kg

APPLICATIONS

Auditorium & Outdoor Events



Disco Clubs & Restaurant



Apartment & Corporates

