



## Class D Two Channel Power Amplifier AP-PCD212 / AP-PCD224 / AP-PCD235 / AP-PCD250



## AP-PCD212 / AP-PCD224 / AP-PCD235 / AP-PCD250 Class D Two Channel Power Amplifier

### Description :

The AP-PCD series digital class-D two channel power amplifier is of switching power technology, which features of minimum power consumption and much higher efficiency up to 85%. The AP-PCD series power amplifier is of rated power output at 2x120W, 2x240W, 2x350W & 2x500W, so it could be used as two zone multiple sources public address system or stereo professional audio system. The versatile loudspeaker outputs of both high impedance 100V & low impedance 8 Ohm. There are two balanced inputs by phoenix connector for each channel with gain control. The built-in two channel separate high-pass filters could be enabled or disabled through the dip switch pre-setting. Automatic standby enable after no detection of signal input for one minute, immediately wake up at sight of any input. Visual working status indicators include protection, clip, input and output for easy supervision. With complete short circuit, overload, high temp, clip and DC protection. Power supply of 230V AC and 24V DC.

### Features :

- Switching power technology digital power amplifier
- Class-D power amplifier of mini power consumption
- 19" rack mount of 1U height
- Power output 2x120W, 2x240W, 2x350W & 2x500W
- Two channel speaker outputs 8 Ohm & 100V
- Two balanced line inputs by phoenix connector
- Each input with separate gain control.
- Each two channel with high-cut filter.
- Built-in auto standby to save power consumption
- Separate two channel indicators for protection, clip, input and output
- Short circuit, overload, high temp & clip protection
- Power supply of 230V AC and 24V DC

Commercial Building



School Campus



Transportation



## Technical Specifications

Model No	AP-PCD212	AP-PCD224	AP-PCD235	AP-PCD250	
Description	Class-D Two Channel Power Amplifier				
Rated Power Output	2x120W	2x240W	2x350W	2x500W	
Speaker Output	100V & 8 Ohm				
Frequency Response	L/H Cut OFF 20Hz-20KHz (+1/-2dB) L/H Cut ON 70-10kHz ((+1/-3dB)				
Input	0.775V, 0dBu, balanced phoenix connector by two channels				
Input Impedance	10KΩ				
T.H.D.	<0.1% (1KHz/-3dBv, 100W)				
S/N Ratio	>80dB				
Power Consumption	250W	520W	750W	1050W	
Power Supply	230V AC & 24V DC, 50-60Hz				
Dimensions	484x420x44 mm				
Weight	7.0Kg	7.3kg	7.8kg	8.2kg	

### Rear Panel:

