



## Class D Power Amplifier AP-PCD112 / AP-PCD124 / AP-PCD135 / AP-PCD150



## AP-PCD112 / AP-PCD124 / AP-PCD135 / AP-PCD150 Class D Power Amplifier

### Description :

The PCD series digital class-D power amplifier is of switching power technology, which features of minimum power consumption and higher efficiency up to 85%. The PCD series power amplifier is of rated power output at 120W, 240W, 350W & 500W, so it could be used as with mixer or pre amplifier to set up public address system or commercial audio system at minimum cost. The versatile loudspeaker outputs of both high impedance 100V & low impedance 8 Ohm enable it meet both PA fixed installation and Hi-fi stereo sound installation jobs. There is one balanced line input by phoenix connector with gain control. The output built-in 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 design of 1U height for less rack space and less heat generation
- Rated power output at 120W, 240W, 350W & 500W
- Separate speaker outputs 8Ω/100V
- Balanced line input by phoenix connector with gain level control
- Output with high-cut filter on/off
- Built-in auto standby feature on/off to save power consumption
- Separate indicators for protection, clip, input and output
- Complete short circuit, overload, high temp, clip and DC protection
- Power supply of 230V AC and 24V DC.

Commercial Building



School Campus



Transportation



## Technical Specifications

Model No	AP-PCD112	AP-PCD124	AP-PCD135	AP-PCD150	
Description	Class-D Power Amplifier				
Rated Power Output	120W	240W	350W	500W	
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 four channels				
Input Impedance	10KΩ				
T.H.D.	<0.1% (1KHz/-3dBv, 100W)				
S/N Ratio	>80dB				
Power Consumption	150W	300W	400W	650W	
Power Supply	230V AC & 24V DC, 50-60Hz				
Dimensions	484x420x44 mm				
Weight	4.0Kg	4.2kg	4.5kg	5.0kg	

## Rear Panel:

