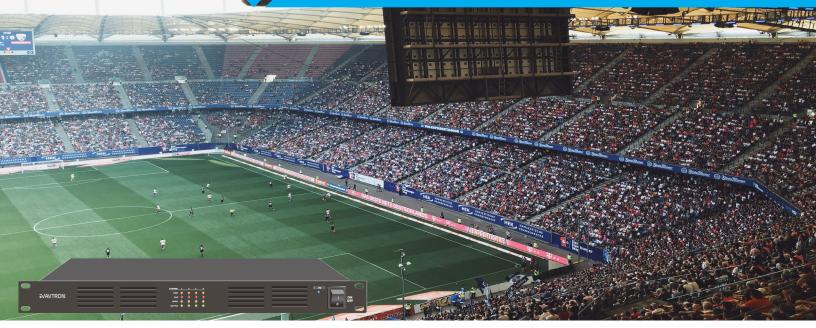
AUDIO SOLUTION



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 \sim 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, $\leq 95\%$ 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









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*Product specifictions and appearance may be changed without prior notice due to improvements

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