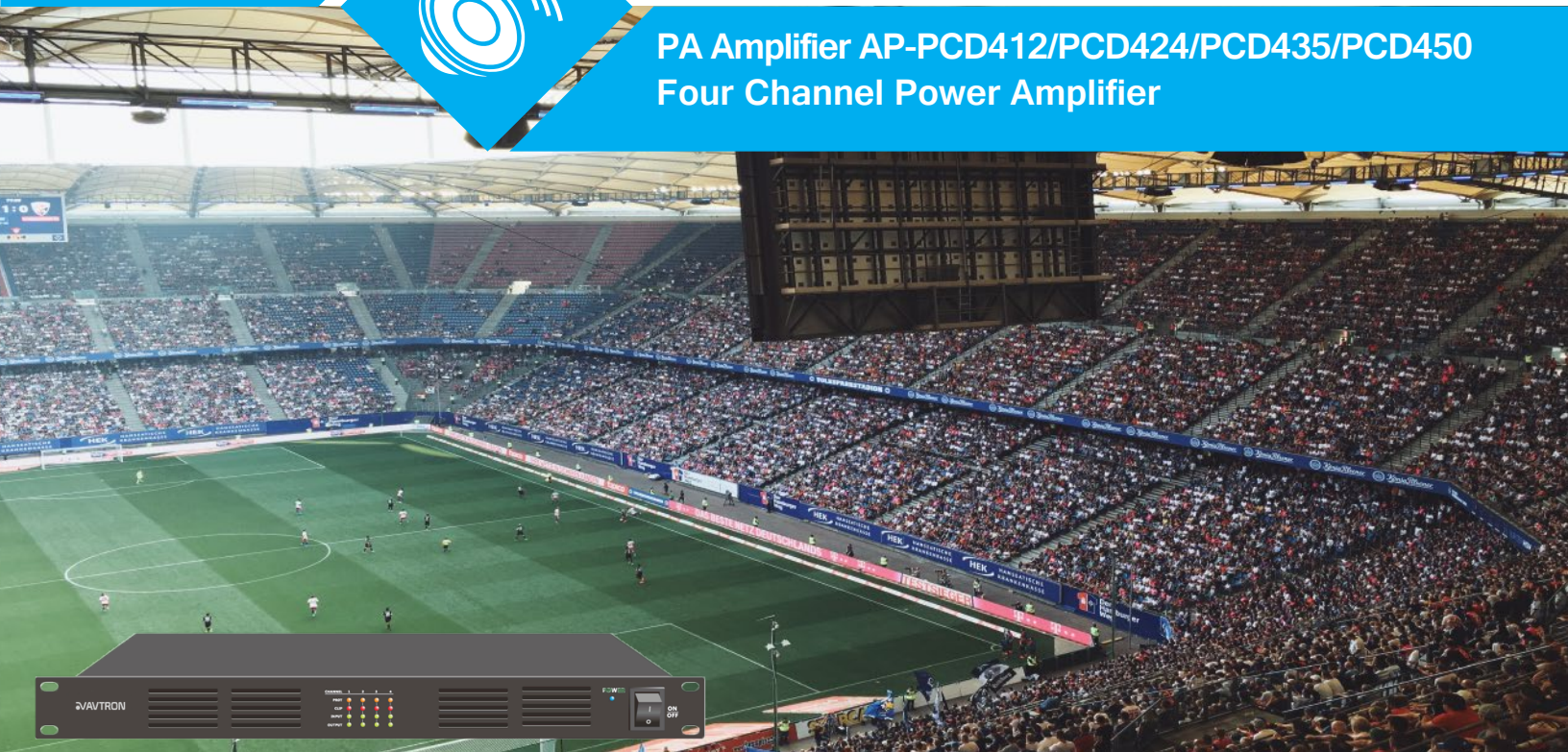




PA Amplifier AP-PCD412/PCD424/PCD435/PCD450 Four Channel Power Amplifier



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|------------------|--|
| 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 four 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 four 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 :

- 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

