



Class-D Digital Amplifier

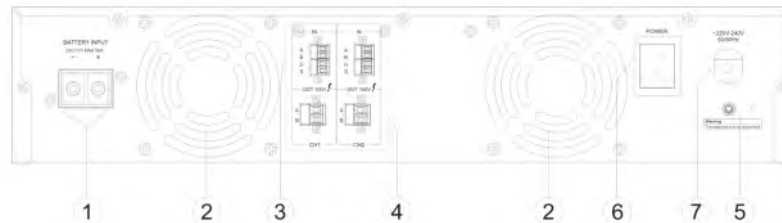
VA-P2120/VA-P2240/VA-P2350/VA-P2500



Back Panel:

Connectors:

- ① DC24V Input
- ② Fan exhaust air hole
- ③ CH1-4 Balanced line input
- ④ CH1-4 100V speaker line outputs
- ⑤ Earth line
- ⑥ Power switch
- ⑦ Power cord



Descriptions:

It is a Class-D digital amplifier which is used for the voice signal broadcasting in EVAC system. And it is a 2U device that integrates 4 independent PFC functions, a power-saving control module, and the 120W/240W/350W/500W power amplifier with DC24V power interface, 2 channels.

Features:

- * Modular design, easy to configure as required.
- * The use of efficient class-D digital power amplifier design scheme has lower power consumption.
- * 2U design, 2 independent channels, each channel 120W/240W/350W/500W.
- * Overload, short circuit protection, automatic temperature control.
- * Automatically detect the working status of each channel and indicate by LED.
- * Support power saving mode, enter standby mode when there is no signal.

Specifications:

Model	VA-P2120	VA-P2240	VA-P2350	VA-P2500
AC power supply				
Voltage	~ 220V 50Hz			
Working current	1.4A	2.6A	4A	5.5A
DC power supply				
DC input	DC~24V; ±20%			
Working current	12.3A	24A	35A	50A
Power	2x120W	2x240W	2x350W	2x500W
Power Consumption	295W	580W	845W	1200W
Audio Parameter				
Input mode	Balance 385mV			
Frequency Response	40Hz-20KHz±3dB			
Output	100V Constant Voltage			
THD	≤1% (Rated Power THD), 1KHz			
SNR	≥90dB			
Working Temperature	5°C ~ 40°C			
Relative Humidity	< 95%			
Cooling Mode	Air-Cooled			
Protection	Delay, Short Circuit, Overload, Over-temperature			
Dimensions	484 x 478 x 88mm (Machine feet not included)			
Net weight	9.8Kg	10.6Kg	10.26Kg	10.49Kg