



# Class-D Digital Amplifier

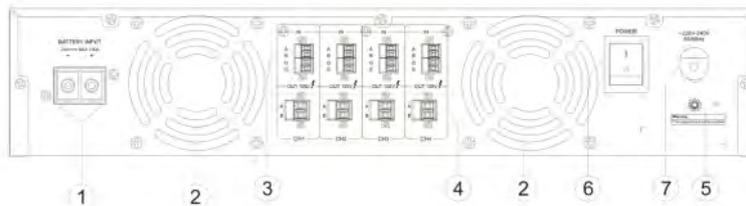
## VA-P4120/VA-P4240/VA-P4350/VA-P4500



### 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, 4 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, 4 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-P4120	VA-P4240	VA-P4350	VA-P4500
AC power supply	~220-240V 50/60Hz			
Voltage	~220-240V 50/60Hz			
Working current	2.6A	5.3A	7.7A	11A
DC power supply	DC~24V; ±20%			
DC input	DC~24V; ±20%			
Working current	24A	48A	70A	100A
Power supply	4x120W	4x240W	4x350W	4x500W
Power consumption	580W	1150W	1680W	2400W
Audio frequency data	Balance 385mV			
Input mode	40Hz-20KHz±3dB			
Frequency response	Constant voltage 100V			
output	≤1% (rated power THD), 1KHz			
THD	≥90dB			
S/N	5°C ~ 40°C			
Working temperature	<95%			
Related humidity	Air-cooled			
Cooling way	Time-delay, over-heated, short circuit, overload			
Protection ways	484 x 478 x 88mm			
Size	13.46Kg			
Net Weight	13.46Kg	13.48Kg	13.54Kg	13.66Kg