



### Descriptions

VA series class-D power amplifiers have three ranges: one channel, two channel and four channels, each channel's rated power have options of 120W, 240W, 350W & 500W.

19" Standard rack mount design in 2U height.

The VA series class-D power amplifiers are designed of switch power technology for power electricity saving, separate PFC design for highest reliability, separate power supply system for each channel, separate cooling system for each channel ensure less heat generation and fast auto-cooling system. Sleep mode is automatically enabled when no signal input is detected.

AC 110V or 230V power supply and DC 24V input, separate fuse for each channel.

Balanced line input by phoenix connector and 100V line speaker output by phoenix connector.

Built-in two fans for automatic start up when inner temperature reaches 55°C.

Complete protection system includes power on, overheat, short circuit and overload.

### Features

- \* Class-D power amplifier for voice evacuation system
- \* 120W, 240W, 350W & 500W by one, two and four channels
- \* 19" rack mount design of 2U height
- \* Switch power technology for less power consumption but higher efficient
- \* Separate PFC design, separate power supply and cooling system for each channel
- \* Sleep mode automatically enabled when no signal is detected for saving power electricity
- \* AC 110V or 230V and DC 24V power supply
- \* Balanced line input and 100V speaker output for each channel

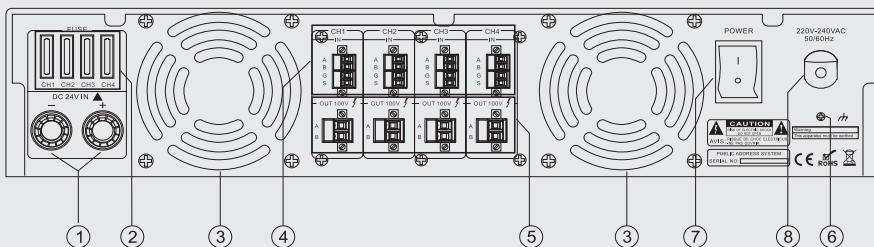
\* Built-in fans for automatic start up when inner temperature reaches 55°C

\* Complete protection includes power on, overheat, short circuit and overload.

### Specifications

Model	VA-P500
<b>AC Power Supply</b>	
Power supply	~220V, ± 10% 50/60Hz
AC Current	0.7A, 1.4A, 2A, 3A, 1.4A, 2.8A, 4A, 6A, 2.8A, 5.6A, 8A, 12A
<b>DC power supply</b>	
Power supply	DC24V ± 20%
DC current	6.5A, 13A, 18A, 25A, 13A, 26A, 36A, 50A, 19.5A, 52A, 72A, 100A
<b>Specifications</b>	
Line input	balanced input, 385mv, phoenix connector
Frequency response	40Hz-20KHz ± 3dB
Speaker output	100V, phoenix connector
Distortion	1% at 1KHz rated power
S/N ratio	≤ 90dB
Working temperature	+5°C - 40°C
Relative humidity	5%~90%
Cooling System	Automatically start when inner temperature reaches 55°C
Protection	Power on, overheat, short circuit and overload
Dimension (WxHxD)	478x88x484mm
Weight	11Kg

### VA-P500 Rear Panel <<



### Connectors

- 1 DC24V Input
- 2 CH1-4 DC fuse
- 3 Fan
- 4 CH1-4 Balanced line input
- 5 CH1-4 100V speaker line outputs
- 6 Earth line
- 7 Power switch
- 8 Power cord