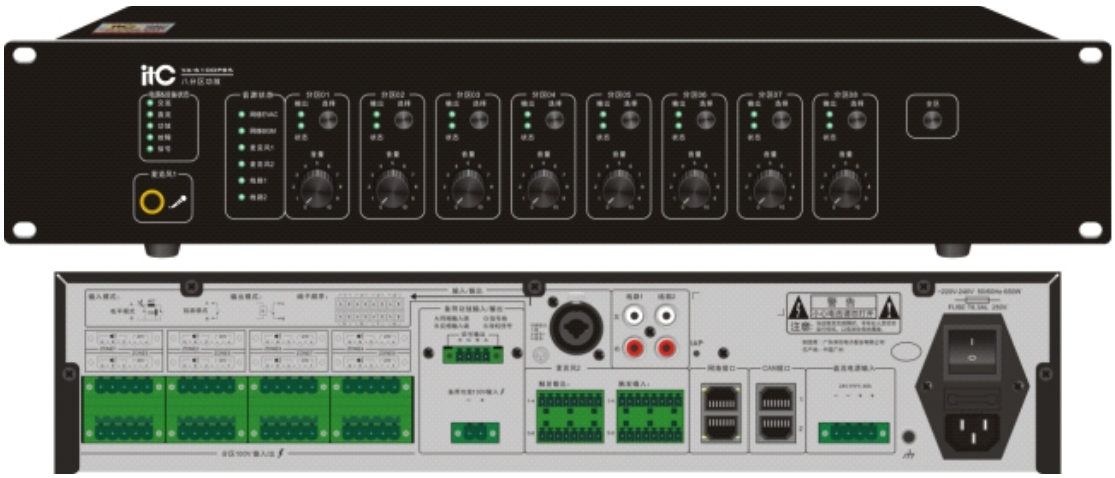
8-zone Amplifier

VA-6100P85



Description

2U cabinet design, it is built-in a 500W digital amplifier and integrated to be 8 zones, can be installed in the broadcasting room or remote control room, share the network audio source with the system via Ethernet, support 4 channel local signal inputs. It's the ideal choice for small or medium system.

Feature

* Support the speaker loop grounding, open circuit and short circuit detection.
* Support the speaker loop 3 /4 wired cabling
* 8 Programmable trigger input interfaces.
* 8 Programmable trigger output interfaces.
* Support power amplifier enter power saving mode to save energy when no signal input.
* Support linkage with fire alarm control unit to realize fire alarm linkage control.

Specification

AC power	
Voltage	AC 220V±20% 50-60Hz
Maximum current	3A
Fuse	250V/3.15A，slow type
DC power	
Voltage	DC24VC, 18-31V adaptive
Maximum current	30A
Maximum Power consumption	600W
Performance Index	
Number of output partitions	8
Output voltage	100V optional
Output type	Bridge-tied output without transformer boost
Output power	500W (maximum output of a single partition)
Distortion	<1% (rated output power), 1KHz
Frequency response	80Hz-16KHz
SNR	>70dB
Maximum output power	500W
Override type	3-wire and 4-wire
4-wire override output voltage	24V

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Power amplifier status detection time	< 0.5S
Partition detection status	Short circuit, open circuit, short circuit to ground
Partition detection time	< 0.5S
Contact Output	
8 channels programmable relay output	Short Circuit, No voltage
8 channels programmable trigger input	Short-circuit input, short-circuit input with detection, voltage input
Short circuit mode	3.3V voltage, short-contact trigger, no linkage line monitoring function
Short circuit mode with detection	3.3V voltage, short-contact trigger, support linkage line fault alarm
Voltage mode	18-31V voltage input, voltage trigger, support linkage line fault alarm
Cooling mode	Air-Cooled
Protection mode	Delay/Overheat/Short Circuit/Over Load