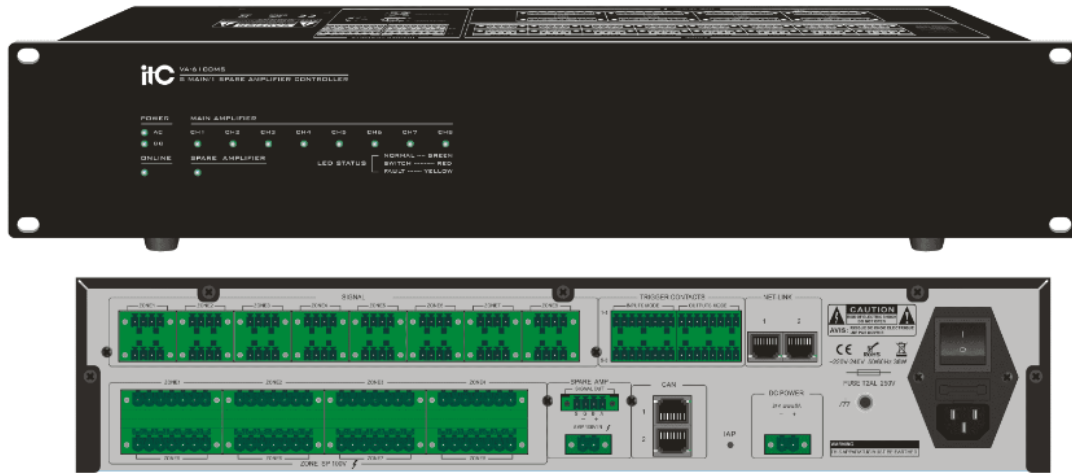




Amplifier Changeover

VA-6100MS



Description

VA-6100MS changeover is an integrated controller supporting main and backup amplifier switching, speaker circuit grounding detection, open circuit and short circuit detection; compatible with 3/4 wired volume controller wiring, no need extra wiring or power supply; combining 8 programmable dry contact or wet contact trigger inputs and 8 programmable on-line output signal. It works with class D amplifiers, traditional amplifiers to provide a safe, affordable solution to the PA & Voice Alarm system.

Feature

- * 2U cabinet design, high integrated, and modularized design.
- * Support speaker circuit grounding, open circuit and short circuit detection.
- * Support 3/4 wired speaker loop wiring.
- * 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 the connection with linkage fire alarm controller to realize fire alarm linkage control.

Specification

AC power supply	
Voltage	AC 220V±20% 50-60Hz
Maximum current	< 0.5A
Fuse	250V/1A , slow
DC power supply	
Voltage	DC24V, 18-31V adaptive
Maximum current	< 5A
Maximum power consumption	120W
Performance Index	
Number of output partitions	Up to 8
The output voltage	100V
Output type	Bridge-tied output without transformer boost
Output Power	500W (maximum output of a single partition)
Maximum output power	8×500W
Override type	3-wire and 4-wire
4-wire override output voltage	24V
Power amplifier status detection time	< 0.5S
Partition Detection Status	Short circuit, open circuit, short circuit to ground
Partition detection time	< 0.5S



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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 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 method	Air-Cooled
Protection method	Delay/Overheat/Short Circuit/Over Load