



Description

VA-6100MA controller is the core management and control equipment for building public broadcasting and fire emergency broadcasting. It uses a 5-inch high-definition touch screen to directly complete system control and status query. The system function configuration and control can also be performed through PC management software. It can automatically complete the monitoring and management of the system physical partition status, automatically complete the monitoring and management of terminal equipment, and automatically execute user pre-programmed control, etc.; the built-in programmable trigger input and output interface is used to realize interoperation control with the sound and light alarm module (it can also be connected to the bus-based fire linkage controller).

Features

- *5-inch high-definition true-color touch-screen human-machine graphical operation interface.
- *One-touch quick emergency paging alarm: press the PTT button to initiate an emergency microphone broadcast for the entire area.
- *Supports area selection, partitioning, and grouping operations, and the volume of each partition can be adjusted independently.
- *Supports background music, evacuation alarm, and warning alarm voice broadcast.
- *Supports custom partition names, group names, and host names for easy operation and management.
- *Supports event triggering, timing triggering control output, and linkage control with third-party systems.
- *Supports partition monitoring, real-time viewing of device status, and adjustable monitoring volume.
- *redial times when no one answers the call.
- *Ethernet online configuration, control interface can work offline.

Specification

AC power input voltage	~ 220V ± 15% , 50Hz - 60Hz
AC power input current	Less than 0.5A
DC power input voltage	DC24V , 19-30V adaptive
DC power input current	2A
Fuse specifications	250V/1A, slow type
Maximum power consumption of the device	44 W
Emergency microphone sensitivity	10mV
Emergency microphone impedance	600Ω
Line input number	5 channels (1 channel Kalon interface, 4 channels RCA interface)
Line input sensitivity	± 385mV (balanced), 775mV (unbalanced), 10mV (unbalanced)
Line input impedance	20KΩ (balanced), 10KΩ (unbalanced)
Recording output channels	1 channel (1 RCA interface)
Recording output distortion	<1%
Recording output amplitude	200mV
Recording output frequency response	200Hz- 16k Hz
Recording output signal-to-noise ratio	> 70 dB
Programmable output for system fault	Short circuit , no voltage
Fire linkage programmable output	Short circuit , no voltage



Fire controller

VA-6100MA

8-channel relay programmable output	Short circuit, no voltage
Programmable DC24V power output	DC24V , 0.3A
Programmable input trigger types	Short-circuit input, short-circuit input with detection
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
Fire reset input	Contact $\geq 0.5S$, no voltage
Voice message data format	MP3 or WMA format
Voice information storage type	TF card
Dimensions (L×D×H)	484×477.7 × 100.5 mm
Weight	About 7kg