

Descriptions

VA-6000FM is used for paging control in the VA-6000 system, to allow users remote control the system's voice message and make paging call. It supports eight zones/groups selection. It can add zone/group by adding extension unit VA-6000EM which also can support eight zones. Seven extension units can be added at most in a system to expand to 64 zones.

Features

- Onekey zone selection, easy to understand and operate.
- Parallel transmission can realize long distance transmission through CAT-5 cable.
- Easy to see the system fault and system module status display.
- Support zone/ group selection extension.
- Support line audio input and the volume is adjustable.
- Support redundancy wiring.
- Support DC 24V.

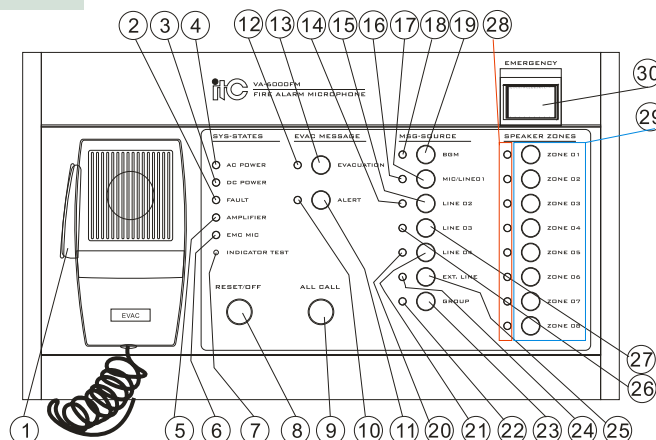
Basic Functions

- * MIC output level is adjustable.
- * Priority of paging can be set through VA-6000ST software.
- * Build-in HI-FI monitor speaker, support monitor output.
- * Onekey to fast enter into emergency broadcast status.
- * With external headset jack, to monitor or recording the paging voice.

Specifications

Model	VA-6000FM
DC Supply	
Power Supply	24V DC, $\pm 20\%$
Maximum Current	0.1 A (including extension unit)
Power Consumption	2.4W (including extension unit)
Performance	
Parallel Signal Output	
THD	$<1\%$ (rated output power), 1kHz
Frequency	80Hz~16kHz
Sensitivity	500mV
Impedance	10k Ω
S/N Ratio	>70 dB
Line In	
THD	$<1\%$ (rated output power), 1kHz
Frequency	80Hz~16kHz
Sensitivity	350mV
Impedance	10k Ω
S/N Ratio	>70 dB
Microphone	
Sensitivity	5mV
Impedance	600 Ω
Machine	
Demension(L x W x D)	256 x 52 x 149mm
Net Weight	1.5kg
Mounting	Desktop or 18 inch cabinet
Color	Black
Environment	
Operation Temperature	$+5^{\circ}\text{C} \sim +40^{\circ}\text{C}$
Storage Temperature	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Relative temperature	$<95\%$ (no condensation)

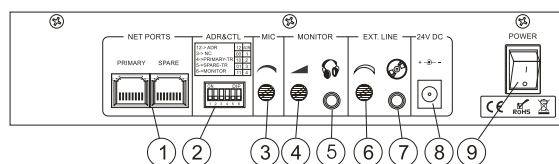
VA-6000FM Front Panel <<



Connectors

- ① ⑥ Handset PTT (push to talk) microphone call switch and work status indicator light:
 - (1) Off - PTT microphone normal.
 - (2) Yellow - PTT microphone fault.
 - (3) Flash Green - Microphone priority is replaced by the audio which has higher priority than it.
- ② System status indicator light (Note: not the microphone status display):
 - (1) Off - All devices and module spare power normal.
 - (2) Yellow - one or more devices and spare power fault.
- ③ DC power status indicator light of the devices (System will ignore the working status if no configuration and display normal by default):
 - (1) Off - Some or all of the devices DC power supply fault.
 - (2) Yellow - All devices DC power supply normal (display normal even there is fault if no configuration).
- ④ Main power status indicator light of the devices:
 - (1) Off - All the devices or modules power supply normal.
 - (2) Yellow - Some or all devices or module power supply fault.
- ⑤ Working status indicator light of the amplifier:
 - (1) Off - All amplifier working normally including spare amplifier.
 - (2) Yellow - Some or all amplifier fault.
- ⑦ Indicator light of test button: After press the test button, all indicator light color will change from green to red to yellow and last to normal. System main power state indicator light:
 - (1) Green - All devices and modules power supply normal.
- (2) Yellow - Some or all devices and modules main power supply fault.
- ⑧ Fault resetting/ close zones.
- ⑨ All zones selection button.
- ⑩ ⑪ Alarm voice status indicator light and control button:
 - (1) Off - Alarm voice player and memory card audio file normal.
 - (2) Green - Alarm voice is playing.
 - (3) Yellow - Alarm voice lost or player fault.
- ⑫ ⑬ Evacuation voice status indicator light and control button:
 - (1) Off - Evacuation voice player and memory card audio file normal.
 - (2) Green - Evacuation voice is playing.
 - (3) Yellow - Evacuation voice or player fault.
- ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ Main controller line input control and status indicator light:
 - (1) Off - Current line input is not working.
 - (2) Green - Current line input is working.
- ⑲ ⑳ BGM status indicator light and control button:
 - (1) Off - BGM player and memory card audio file normal.
 - (2) Green - BGM is playing.
 - (3) Yellow - BGM or player fault.
- ㉒ ㉓ zone and group control mode selection button.
- ㉔ ㉕ Microphone and line input selection button, green means current input.

VA-6000FM Back Panel <<



Connectors

- ① Main and spare network interface.
- ② Device address and function configuration("1, 2" are control bits for device address, "4, 5" are the control bits for main device to terminal resistance and spare device to terminal resistance, "6" is control bit for local voice monitor).
- ③ PTT microphone output volume adjustment.
- ④ Volume monitor.
- ⑤ Audio output monitor.
- ⑥ Line in volume adjustment.
- ⑦ Line in.
- ⑧ DC24V input.
- ⑨ Power switch.