Descriptions

VA-6000FM is used for control the VA-6000 system, to allow users remote control the systemand make paging call. It supports eight zones/groups selection. It can add zone/group by adding extension unit VA-6000EM. Can support seven extension units, each extension unit support 8 zones, totally expand to 64 zones.

Features

* One key for zone/group selection, easy to operate.
* Long distance parallel transmission through CAT-5 cable.
* Clear status indicator to show system fault and system module.
* Support zone/ group selection keyboard extension.
* Support line audio input and the volume adjustment.
* Support redundancy line laying.
* Support DC 24V.

Basic Functions

* AdjustableMIC output level.
* Paging priority can be set through VA-6000ST software.
* Buit-in HI-FI monitoring speaker, support monitoring output.
* Onekey to fast enter into emergency broadcast status.
* With external headset jack, to monitor or record the pagingvoice.

Specifications

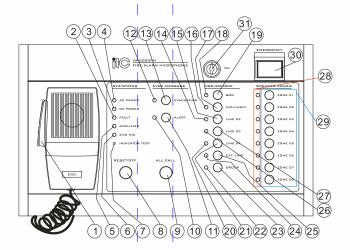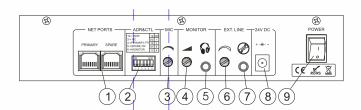| Model	VA-6000FM
DC Supply	
Power Supply	24V DC, ±20%
Maximum Current	0.1 A (including extension unit)
Power Comsumption	2.4W (including extension unit)
Performance Index	
Parallel Signal Output	
THD	<1% (rated output power),1KHz
Frequency	80Hz～16KHz
Sensitivity	500mV
Impedance	10KΩ
S/N Ratio	>70dB
Line In	
THD	<1% (rated output power), 1KHz
Frequency	80Hz～16KHz
Sensitivity	350mV
Impedance	10KΩ
S/N Ratio	>70dB
Microphone	
Sensitivity	5mV
Impedance	600Ω
Mechanical Index	
Size (L x W x D)	256 x 52 x 149mm
Weight	1.5Kg
Mounting	Desktop or 18 inch cabinet
Color	Black
Environment	
Operation Temperature	+5℃～+40℃
Storage Temperature	-20℃～+70℃
Relative Temperature	<95% (no condensation)

Front Panel <<

Connectors

① Handheld PTT (push to talk) microphone.
② System status indicator light (Notice: not the indicator for current status of microphone).
(1) Light off - All devices and moduleshave normal power supply.
(2) Yellow - one or more devices or alldevices and moduleshaveabnormal power supply.
③ DC power supply status indicator light of all the devices (If no configuration, system will ignore the working status and default status is normal.)
(1) Off - All devices DC power supply fault.
(2) Yellow - All devices or some devices DC power supply abnormal (If no configuration, please ignore).
④ Power status indicator light of all devices:
(1) Off - All the devices or modules power supply normal.
(2) Yellow - Some or part or all of devices and modules 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 amplifiers fault. (including spare amplifier).
⑥ Handheld PTT (push to talk) microphone work status indication.
(1) Off - PTT microphone is working properly.
(2) Yellow - PTT microphone failure.
(3) Green flashing - Current microphone paging is switched byto higher priority audio.
⑦ Indicator test button: After press the test button on rear panel, all indicator light color will change from green to red to yellow to normal.
⑧ Fault resetting/ zones switch off button.
⑨ All zones selection button.
⑩ Indicator light of Alarm voice status.
(1) Off - Alarm voice player and memory card audio file normal.
(2) Green - Alarm voice is playing.
(3) Yellow - Alarm voice file missing or player fault.
⑪ Alarm voice control button
⑫ Evacuation voice working status indicator.
(1) Off - Evacuation voice player and memory card audio file normal.
(2) Green - Evacuation voice is playing.
(3) Yellow - Evacuation voice or player fault.
⑬ Evacuation voice control button:
⑭ Line input 02 working status indicator light.
(1) Off - line input 02 is not working.
(2) Green - line input 02 is working.
⑮ Line input 02 control button.
⑯ Line input 01 working Status indicator light.
(1) Off - line input 01 is not working.
(2) Green - line input 01 is working.

⑰ Line input 01 control button.
⑱ BGM working status indicator light.
(1) Off - BGM player and memory card audio file normal.
(2) Green - BGM is playing.
(3) Yellow - BGM or player fault.
⑲ BGM control button.
⑳ Line input 04 status indicator light.
(1) Off - line input 04 is not working.
(2) Green - line input 04 is working.
㉑ Line input 04 control button.
㉒ Zone and group control mode indicator light.
(1) Off- Devices are controlled by zone control mode.
(2) Green- Devices are controlled by Group control mode.
㉓ zone and group control mode selection button.
㉔ Microphone and line input audio selection indicator.
(1) Off- Devices are in microphone input status.
(2) Green-Devices are in extend line input Status.
㉕ Extended line input audio selection button, green means current output.
㉖ Line input 03 Status indicator light.
(1) Off - line input 03 is not working.
(2) Green - line input 03 is working.
㉗ Line input 03 control button.
㉘ Zone working status indicator.
(1) Off - indicates that the current zone is in the normal state of no broadcast or no configuration.
(2) Green - indicatesthat the current zone is broadcasting, the output is normal audio.
(3) Red - that the current zone is broadcasting, the output is EVAC voice or remote paging broadcast such as RM / FM / PSTN.
(4) Yellow - indicates that the current zone has fault.
㉙ Zone selection button.
㉚ System working mode switch
(1) Red Fast flashing - the system is currently working in the reset mode, and all manual operation are prohibited.
(2) Red Slow flashing - The system is currently in emergency mode (you can press the button to enter or auto trigger automatically, in this modeEVAC voice are allowed to play, normal mode prohibit to play EVAC voice information).
(3) Off - the system is currently working in normal mode.
Note: 1) When the light is in the flashing state, press to exit the emergency mode.
2) When the light is off, press to enter the emergency mode.
㉛ Electronic lock switch.

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 input volume adjustment.
⑦ EXT. Line input.
⑧ DC24V input.
⑨ Power switch.