



Descriptions

VA-6000RM is used for control the VA-6000 system, which allows users to remote control the system and to make zone paging. It supports eight zones/groups selection. It can add zone/group by adding extension unit VA-6000EM, which can support seven extension units to expand to 64 zones.

Features

- * One press to select zones, easy to operate.
- * Parallel transmission can realize long distance transmission through CAT-5 cable.
- * Obvious system fault and module status indicator.
- * Supporting zones or groups extension.
- * With line audio input and adjustable input volume.
- * Paging button mode and PTT mode are available.
- * Supporting redundant wiring.
- * DC 24V Phantom Power supply.

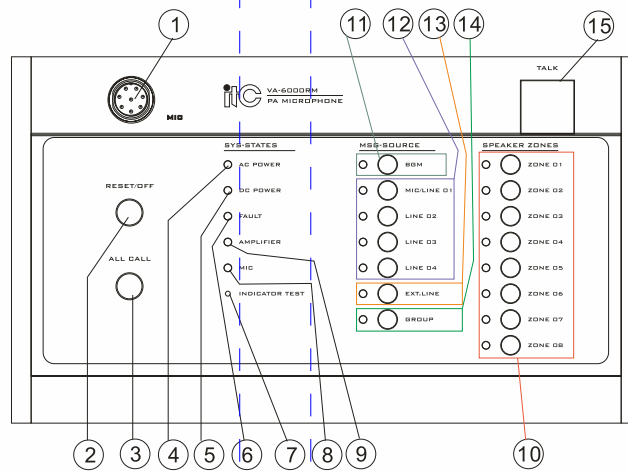
Basic Functions

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

Specifications

Model	VA-6000RM
DC Supply	
Voltage	24V DC, $\pm 20\%$
Max Current	0.1A (not including extended panel)
Power Dissipation	2.4W (not including extended panel)
Performance Index	
Balance Input	
Distortion	<1%, 1KHz
Frequency	80Hz~16KHz
Sensitivity	500mV
Impedance	10K Ω
Noise Ratio	>70dB
Line Input	
Distortion	<1% (RMS), 1KHz
Frequency	80Hz~16KHz
Sensitivity	775mV
Output Impedance	10K Ω
S/N Ratio	>70dB
Mic	
Sensitivity	5mV
Output Impedance	600 Ω
Mechanical Index	
Size (L x W x D)	256 x 52 x 149mm
Weight	About 1.5Kg
Installation	Desktop or 19 inch rack
Color	Black
Environmental Requirement	
Operation Temp	+5 $^{\circ}$ C ~ +40 $^{\circ}$ C
Storage Temp	-20 $^{\circ}$ C ~ +70 $^{\circ}$ C
Relative Temp	<95% no condensation

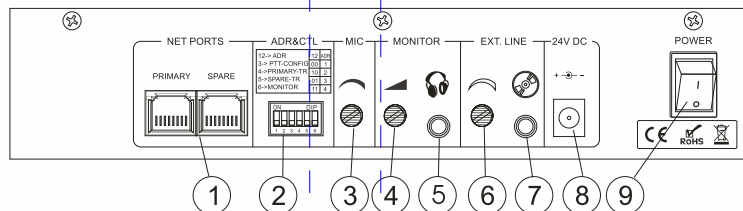
Front Panel <<



Connectors

- ① Goose Mic. Socket.
- ② Fault reset/Zone closed.
- ③ Full zone selection.
- ④ The status indication of main power supply in the system:
(1) off - Normal status of all the equipment and main power supply module in the system.
- ⑤ The status indication of backup DC power supply in the system.(All or some. The system will ignore the working status, default as normal).
(1) Off - Normal status of all the equipment and backup power supply module in the system.
- ⑥ fault status of any equipment or module in the system:
(1) Off - Normal status of all the equipment and modules.
- ⑦ Testing button of the indicators on the panel: if this button is pressed, the indicators on the panel from green - red - yellow, which means it is in normal status.
- ⑧ The status of the goose mic:
(1) Off - Goose mic. is normal.
- ⑨ Working status of the amplifiers in the system.
(1) Off - All the amplifiers including backup amplifiers are working normally.
- ⑩ Zone working status indicator and selection button.
(1) Off - indicates that the current zone is in the normal status of no broadcast or is not configured.
(2) Green - that the current zone is broadcast, the output is normal audio.
(3) Red - that the current zone is broadcast, the output for the EVAC voice or remote paging broadcast such as RM / FM / PSTN.
(4) Yellow - indicates that the current zone has fault.
- ⑪ BGM control of the master unit.
(1) Off- the background music player and the music in memory card is normal.
(2) Green - background music is playing.
(3) Yellow - background music files are missing or the player is faulty.
- ⑫ Host line input 01 ~ 04 Working status indicator and audio selection control button:
Off - line input 01 ~ 04 no work.
Green - line input 01 ~ 04 is playing.
- ⑬ Gooseneck microphone and line input audio selection indicator and its input audio selection button.
Off - the device is in the microphone input status.
Green - the device is in the extended line input status.
- ⑭ Device zone / group mode indicator and its function selection button.
Off- the device is in zone mode control.
Green - the device is in group mode control.
- ⑮ Paging switch.

Back Panel <<



Connectors

- ① Equipment network master, standby interface (connect with host VA-6000MA with connection interface of remote MIC).
- ② Device networking address and function configuration (the "1,2" bit of the DIP switch is the device address control bit, the "3" bit is the configuration panel (⑮)Paging button control mode - Touch Type or PTT mode, the "4,5" bit is "master, standby" the terminal resistance control bit. the "6" bit is the local speech monitoring control bit).
- ③ PTT microphone output volume adjustment potentiometer.
- ④ Monitor the volume adjustment potentiometer.
- ⑤ Monitor audio output, can be external monitor headphones or other monitoring equipment.
- ⑥ Extended line input volume adjustment potentiometer.
- ⑦ Extended line audio input interface.
- ⑧ DC24V input (when the transmission distance is more than 50 meters, It will need to connect with external DC24V power supply).
- ⑨ Power switch.