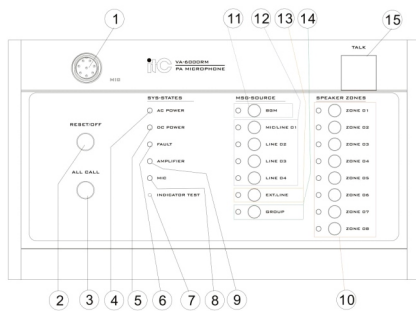




Remote Microphone VA-6000RM



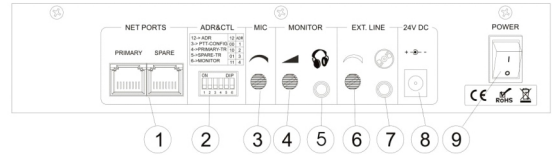
Front Panel



Connectors:

1. Goose Mic. Socket.
2. Fault reset/Zone off.
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.
 - (2) Yellow - fault status of any equipment or main power supply module in the system. (All or some)
 - (3) Green - backup power supply in the system. (All or some. The system will ignore the working status, default as normal).
 - (4) Off - Normal status of all the equipment and backup power supply module in the system.
 - (5) Yellow - fault status of any equipment or main 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.
 - (2) Yellow - All the equipment or module of the system are in fault status. (All or some)
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.
 - (2) Yellow - Goose mic. is fault.
9. Working status of the amplifiers in the system.
 - (1) Off - All the amplifiers including backup amplifiers are working normally.
 - (2) Yellow - All/Any of the amplifiers including backup amplifiers have fault problem.
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 "1,5" 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.

Descriptions:

VA-6000RM is used for remote control VA-6000 system, allowing remotely control the system voice message information and zones paging by users, it can drive 8 zones and extended zones or groups by Microphone Extension unit(VA-6000EM) to 64 zones, each can connect max 7 extension unit and every extension keyboard have 8 zones.

Features:

- * One key to select zones/groups, easy to understand and operate.
- * Parallel transmission; extend the transmission distance by CAT-5.
- * 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 all available.
- * Supporting redundant wiring.
- * DC 24V Phantom Power supply.

Basic Functions:

- * Microphone output level is adjustable.
- * Control priority right is available by VA-6000ST.
- * Build-in Hi-Fi monitor speaker, with monitor output.
- * One-key press enter the paging status.
- * External Headphone jack; can monitor or record paging voice.

Specifications:

Model	VA-6000RM
DC Supply Voltage	24V DC, ±20%
Max Current	0.1A (not including extended panel)
Power Dissipation	2.4W (not including extended panel)
Performance Index	
Balance Input	
Distortion	<1% (RMS), 1KHz
Frequency	80Hz~16KHz
Sensitivity	500mV
Impedance	10KΩ
Noise Ratio	>70dB
Line Input	
Distortion	<1% (RMS), 1KHz
Frequency	80Hz~16KHz
Sensitivity	350mV
Output Impedance	10KΩ
S/N Ratio	>70dB
Mic	
Sensitivity	5mV
Output Impedance	600Ω
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°C ~ +40°C
Storage Temp	-20°C ~ +70°C
Relative Temp	<95% no condensation