



Descriptions

VA-6000RM is used for remote control VA-6000 system, allowing remotely control for 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 press to select zones, which is simple and intuitive.
- 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.

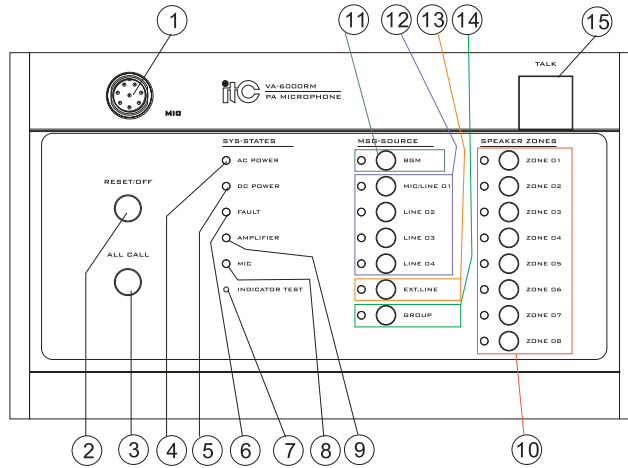
Basic Functions

- * Microphone output level is adjusted.
- * Control priority right is available by VA-6000ST.
- * Build-in Hi-Fi monitor speaker, with monitor output.
- * One press into 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%, 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 |
| SNR | >70dB |
| Mic | |
| Sensitivity | 5mV |
| Output Impedance | 600Ω |
| Mechanical Specifications | |
| Dimension(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 |

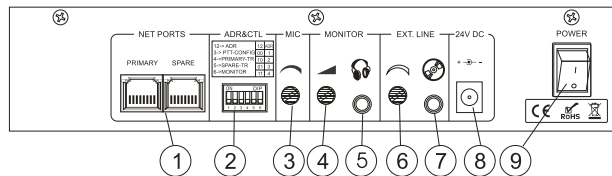
VA-6000RM Front Panel <<



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) Green - Normal status of all the equipments and main power supply module in the system
 - (2) Yellow - Unusual status of any equipment or main power supply module in the system
- ⑤ The status indication of backup DC power supply in the system:
 - (1) Off - Normal status of all the equipments and backup power supply module in the system.
 - (2) Yellow - Unusual status of any equipment or main power supply module in the system.
- ⑥ Unusual status of any equipment or module in the system:
 - (1) Off - Normal status of all the equipments and modules.
 - (2) Yellow on or flashing - All the equipments or module of the system are in fault status.
- ⑦ Testing button of the indicators on the panel: if this button is pressed, the indicators on the panel are on from green, red, to yellow, which means it is in normal status.
- ⑧ The status of the goose mic:
 - (1) Off - Goose mic is normal.
 - (2) Yellow - There is fault in the goose mic.
- 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.
- ⑪ BGM control of the master unit:
 - (1) Off - Normal status.
 - (2) Green - Working status.
 - (3) Yellow - Fault.
- ⑫ Line input audio selection control button.
- ⑬ Goose mic and mic line input selection button.
- ⑭ Zone and zone function selection button.
- ⑮ Paging switch.

VA-6000RM Back Panel <<



Connectors

- ① Networking interface.
- ② Networking address and function configuration ("1,2" bits: Equipment address control; "3" bits: Configuration panel; "1,5" : Paging button control mode-light touch or PPT mode; "4,5" bits: Main and backup units to connect the terminal resistance control; "6" bits: Local paging monitoring control).
- ③ PPT mic output volume adjusting.
- ④ Monitoring volume.
- ⑤ Monitoring audio output.
- ⑥ Line input volume adjusting.
- ⑦ Line audio input.
- ⑧ DC 24V input.
- ⑨ Power Switching.