LY International Electronics Co., Ltd

Voice Evacuation System

EN54 Amplifier & Microphone

EVAC6500/EVAC6240
EVAC6500E/EVAC6240E
EVAC6006
EVAC6000

Operation Instructions

Welcome to use our public address system. For the better use of this product, please read this instruction carefully prior to use.

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● About this Manual

❖ Objectives of this Manual

- Provide the information required for installation, configuration and operation of EVAC6500 Voice Alarm System.

❖ Target Users

- Users and Installers of EVAC6500 Voice Alarm System;

❖ Terminology

- “System Host” —— EVAC6500；
- “Extended Host” —— EVAC6500E；
- “Business MIC” —— EVAC6006；
- “Control Software” —— EVAC6000；

Note: The software functions of this system will continue to upgrade, but it will be backward compatible, so please pay an attention to the real-time information of the website of the Company.

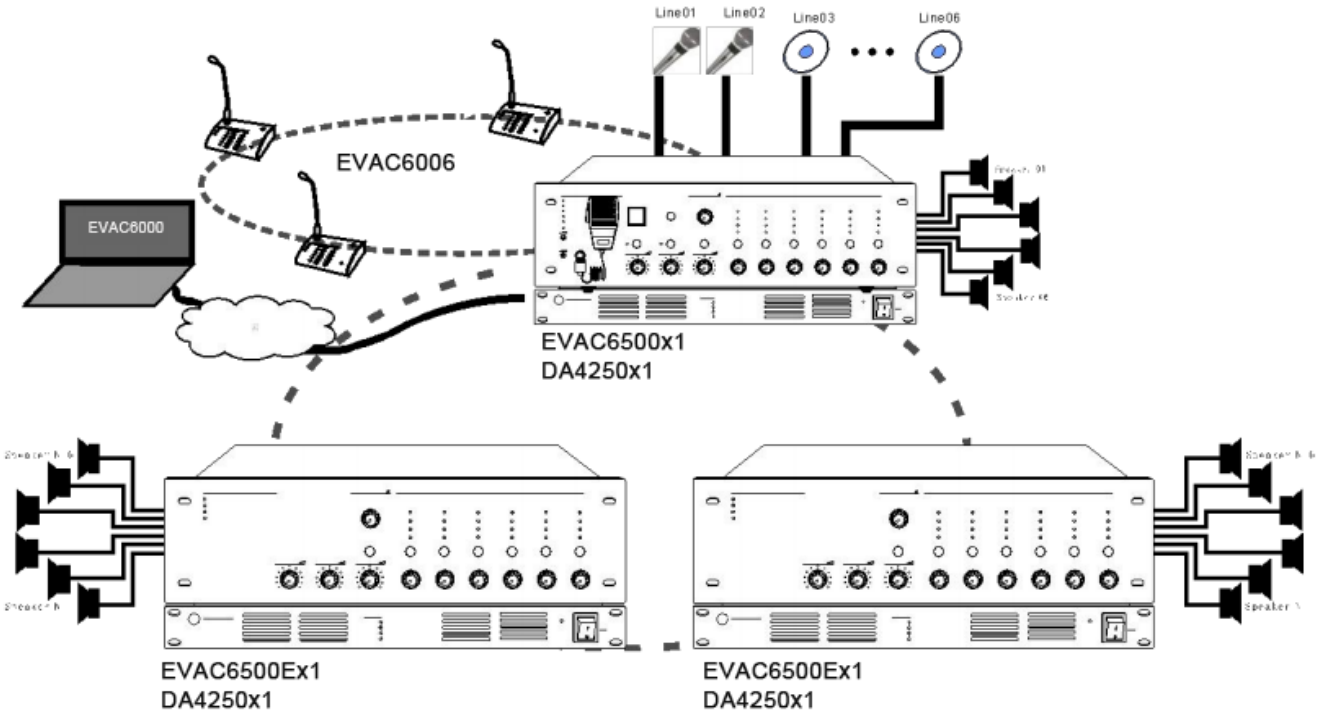
● Overview of the System

EVAC6500 voice alarm system is the public address and voice alarm system. It has integrated with the EN60849, BS5839/8, EN54-16 and other evacuation standards. It is usually used in the small-scale systems that must meet the evacuation standards or the systems whose application can be met only when one call channel is required.

● Characteristics of the System

- ❖ **Comply with the requirements of national standard GB16806-2006 and European Voice Alarm Control and Indicating Equipment Standard EN54-16;**
- ❖ **Automatic system fault diagnosis, data backup, redundant line and record fault status (<=5000 records) are safe, stable and reliable;**
- ❖ **Compatible with the wiring standard of 3-wire and 4-wire systems;**
- ❖ **Built-in emergency voice message and tone information. The user can freely replace them according to the site environment, language and their fancies.**
- ❖ **Programmed to partitions, support manual, automatic, partition and grouping operations;**
- ❖ **Support the visual human-machine interface operation and control, support simultaneous operation and control of multi-windows human-machine interfaces. Offline operations are available after the configuration.**

● Configuration of the System



Equipment Introduction

1. EVAC6500/EVAC6500E (Control Host/Extended Host)

EVAA6500 is the core of voice alarm control of EVAC System, built-in with 240W/350W/500W digital amplifier, which not only is available for early warning and alarming(Both alarming way and voice can be achieved by way of programming), but also can realize the evacuation guidance on the site via the handheld microphone, and control the emergency calls and business broadcasting of up to 120 partitions as well as the play of background music.

- Handheld microphone is available for site evacuation in case of any emergency;
- Built-in EVAC voice message and Chimes Management for a real-time monitoring.

Notes:

1. Audio message format extension is: *.wav;

2. The message number under the directory of “evac_message/”and “alert_message/” and “prompt/” in the SD card shall be controlled within 255;

- Built-in 240W/350W/500W digital function amplifier, and meanwhile available to connect a backup amplifier of the same power to realize the automatic replacement;

  Note: please keep pace with the actual configuration. For example, if a backup amplifier is configured by the user and no backup amplifier of the same power or above is in fact connected, in such a case, the host is unable to detect the existence of the spare power amplifier.

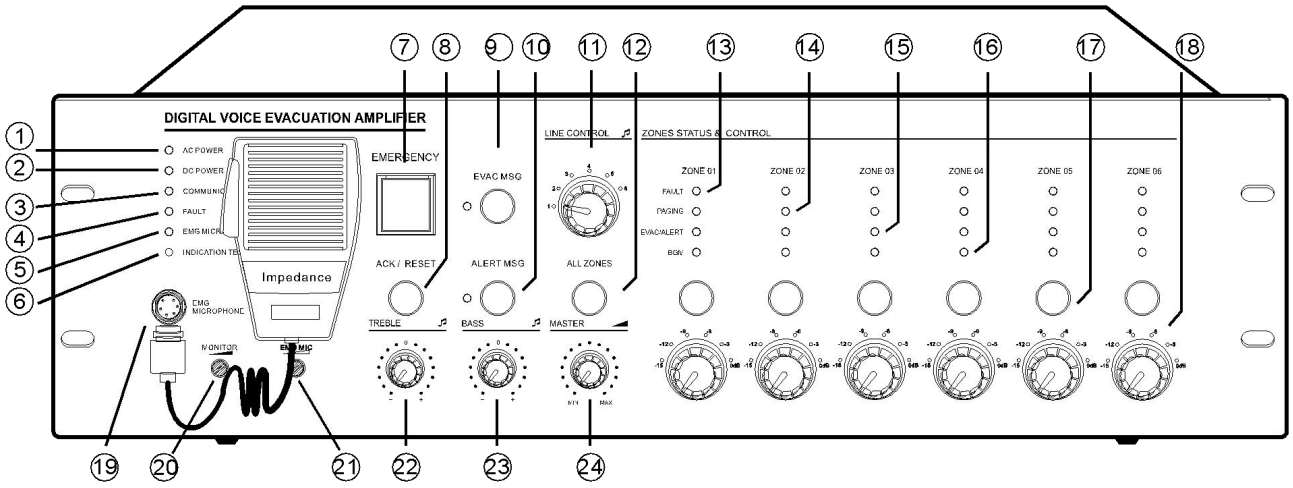
- 6 partitions; each partition can output 500W;

  Note: total power of 6 partitions cannot exceed 500W;

- Available for external connection of 6-line inputs to play the background music;
- Support event linkage and partition output;
- up to 3000 status records of equipment modules, including power module, handheld microphone module, voice message module, power amplifier module, speaker circuit module, etc. (please consult the related descriptions in EVAC6000);
- Able to simultaneously connect up to 32 EVAC6006 systems with a distance of at least 600m;
- Support line redundant wiring between business microphone, host and extended host;

  Note: total length of hand-in-hand redundant line shall be less than or equal to 600m.

1.1. Front Panel



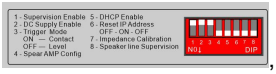
1 —— Main power indicator of the host:

- Green – indicating that the current host AC power supply is normal;
- Yellow – indicating that the current host AC power supply is in trouble;

2 —— DC24V Backup Power Indicator of the Host

- Green – Indicating that the current host backup power supply is normal;

- Die-out (OFF) – Indicating that the current host backup power supply is not configured;
- Yellow – indicating that the current host backup power supply is in trouble.

Note: 

, in the left chart (host is the second bit in EVAC6500 and host is the sixth bit in EVAC6500E), pull-up indicates that the system is configured and pull-down indicates that the system is not configured.

3 ——Connection Status Indicator of Host/Extended Host

- Yellow – indicating that the current extended host does not establish the logical or physical connection with the host;
- Die-out (OFF) – indicating that the current host does not establish the logical or physical connection with EVAC6000;
- Green – Indicating that the current equipment is connected normally.

4 —— Equipment Status Indicator

- Die-out (OFF) – Various modules of the system work normally (it will also die out if the total detection switch is prohibited, but this does not indicate that all modules are normal);
- Yellow – System is in trouble (if the system is not failed but this indicator light still flashes, please press the Key “ACK/RESET”).

5 ——Status Indicator

- Yellow – Indicating there is a fault when the handheld microphone is lost or failed;
- Green – Indicating that the microphone is operating;
- Die-out – Indicating that the handheld microphone is normal but it does not work.

6 —— System Equipment LED Indicator Test (mainly test the LED of host/extended host and business microphone panel)

Note: if there is an extended host or business microphone in the system configuration, it will enter LED test model after pressing this key.

7 —— System Work Mode Indicator

- Red Flash – Indicating the current system is in an emergency mode;
- Die-out – Indicating the current system is in a normal mode;
- Two Ways to Enter the Emergency Mode:

Manual Mode – under the normal mode, the red indicator light flashes after pressing this key, which indicates that the system manually enters the emergency mode;

Automatic Mode – under the normal mode, after detecting the effective triggering signals at the rear row “TriggerInputs” of the host or extended host, this indicator light will also flash, which indicates that the system works in the emergency mode.

- Two ways to exit the Emergency Mode:

Manual Mode – Under the emergency mode, the system exits from the emergency mode by pressing this key, and meanwhile it stops the playing of EVAC voice message and the partition output;

Automatic Mode – under the emergency mode, it can exit from the emergency mode by way of direct short circuit at 2 input ports of rear row “System Link Control” port 3, and meanwhile, it stops the playing of EVAC voice message and the partition output.

Note: no matter whether it is a manual entry (exit) or automatic entry (exit), its execution time and way can be checked in the LOG of EVAC6000.

8 —— Multi-purpose Reset Key (ACK/RESET):

- Answering System Status -

  a. if various system modules work normally or when the diagnosis of system modules is abnormal but “FAULT” indicator light does not flash, no treatment is made to the equipment after pressing this key;

  b. If the diagnosis of system modules is abnormal and “FAULT” indicator light intermittently flashes, after pressing this key, “FAULT” indicator light is ON and does not flash any longer, which indicates its fault status, and the buzzer stops until the FAULT LED light re-flashes after abnormity is detected in new module and the buzzer is started to prompt the user;

  c. When there is any output from the current partitions, press this key to close the current audio output and quickly end the broadcasting.

9 /10**—— EVAC Voice Message Status Indicator**

- Green – “EVAC MSG/ALERT MSG” voice message is broadcasting;
- Yellow - “EVAC MSG/ALERT MSG” voice message is lost or SD Card is lost;
- Die-out (OFF) - “EVAC MSG/ALERT MSG” voice message is normal.

Note:

1. ”EVAC Voice Message” means the general designation of EVAC voice and ALERT Voice;

2. If any user wants to manually play the EVAC voice message, he/she shall enter the emergency mode and then press the voice message key;

3. In the system default, the priority of “EVAC” Voice is higher than that of “ALERT” Voice. Of course, it can be altered through the priority configuration of EVAC6000. If it is not a specific application need, please do not change it.

11 —— Line Output Selector Switch

- Mainly used to select the output audio of current partition;

Note: the current selection of the user can be checked via the interface of EVAC6000. When it is required to change different audio output, it can only be selected from the panel.

12 —— ON/OFF Selection of Partitions (Partitions)

- If the current partitions are closed, they shall be all opened (ON); if the current partitions are all opened, they shall all be closed (OFF).

13 —— Speaker Partition Status Indicator

- Yellow – indicating there is a change of impedance of Speaker A or Speaker B or the current partitions A or B, which may cause the open circuit or short circuit;
- Die-out (OFF) – indicating that the change of speaker circuit impedance of current partitions is within the impedance range during the modeling of speaker partitions;

Note: it is required to conduct an impedance method calibration to obtain the impedance value of current speaker circuit before the host or extended host is wired into the system. The method is as follows:

Pull down the seventh bit of rear row ID switch of the host until you hear the alternate beeps of the buzzer or see the

flash of FAULT Indicator Light on the panel before pulling up the seventh ID switch. When the impedance variation of speaker circuit exceeds the ± 10-30% of impedance value acquired by the current host or extended host, the current variation will then be recorded and it will be informed to the user in the form of sound and light. The detection sensitivity of partitions /partitions is equal to or greater than 20W.

14 —— Partition PTT or Remote Business Microphone Paging Indication

Note: for a paging service, the user can manually close the partitions that are not call or increase the new partitions.

15 ——Indication that the Partition is Broadcasting "EVAC" Voice Message

Note: the user can manually close the partitions that are not call or increase the new partitions.

16 —— Indication that the Partition is Broadcasting the Background Music

Tip: it is required to select the audio before selecting the output partitions while manually playing the voice message. For example, if you want to output the audio of Line 3 to the Partition 3, you can select the partition before selecting the audio, or you can select the audio before selecting the partition. Of course, the final outcomes are the same. In general, it is habitual to select the partition before selecting the audio. In such a way, various partitions will output the audio simultaneously, and in addition, it can be operated in the partition control interface of EVAC6000.

17 —— Partition Selection Key

Notes:

1. If one of the current partition output indicator lights "PAGING", "EVAC/ALERTA" or "BGM" is ON, it will close the output of current partition by pressing this key;
2. If none of the current partition output indicator lights "PAGING", "EVAC/ALERTA" or "BGM" is ON, one of them will be ON by pressing this key (The corresponding LED light is ON according to the current output audio).

18 —— Partition Output Level Attenuation

Note: there are six levels in all, with the maximum attenuation of up to -15dB.

19 —— Air Outlet

Note: it is used mainly to connect and fix the handheld microphone.

20 —— Adjustment of monitoring speaker output volume

Note: the host can monitor the current output audio, which can be adjusted by this knob.

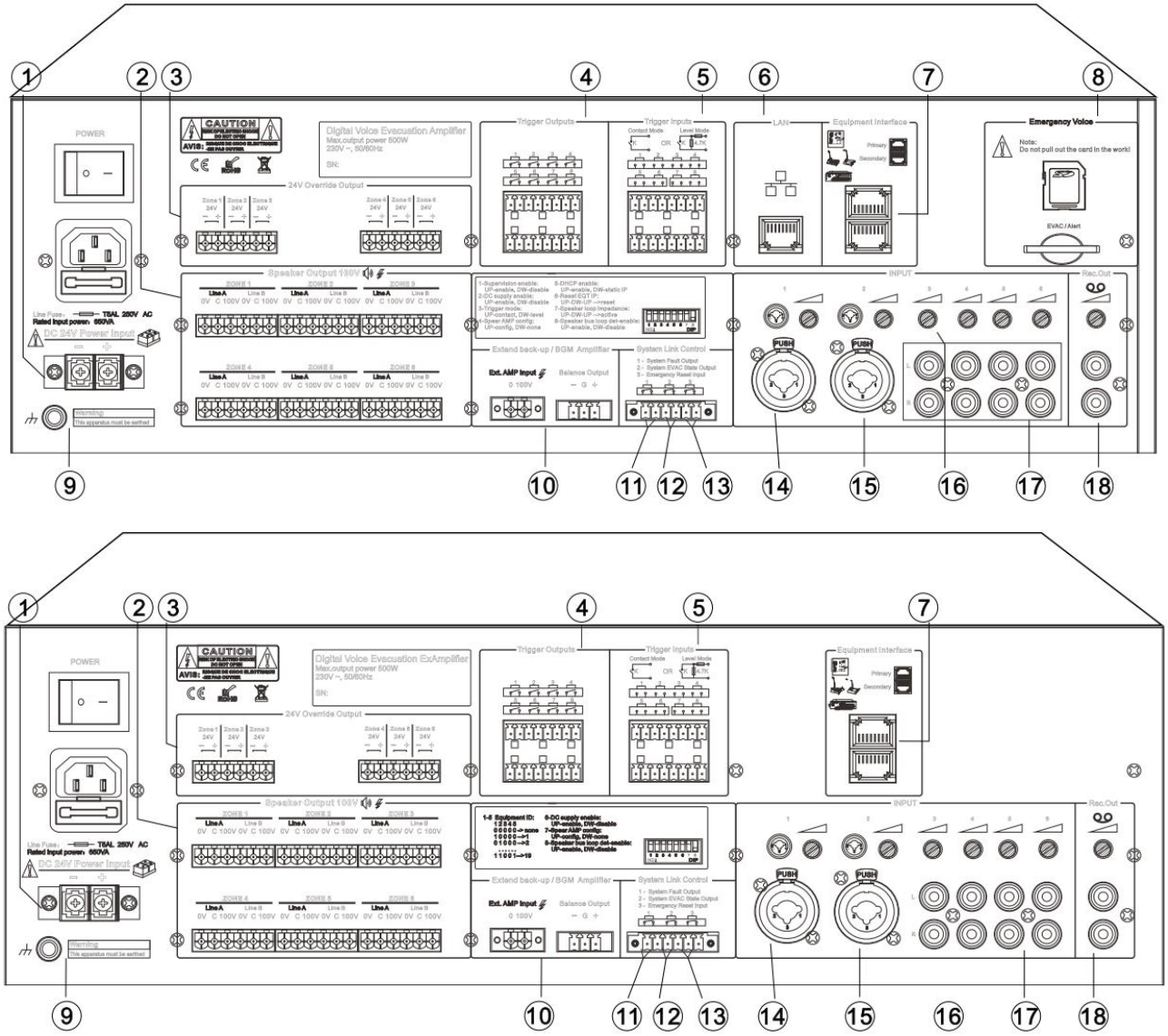
21 —— Adjustment of Handheld Microphone Output Sensitivity

Adjust the handheld microphone output sensitivity.

22 /23 —— Adjustment of Treble or Bass Control

24 —— Adjustment of Total Output Volume of Partitions(Master volume control)

1.2. Rear Panel



1 —— DC24V DC Power Input Jack (Interface)

- The DC24V power supply to be connected can be the sealed lead-acid batteries, UPS or their similar products.

Notes:

1. If an EN standard shall be adopted, please confirm that the power supply complies with the Standard EN54-4.
2. Please confirm that DC24V power supply can provide the minimum operating current for the rated output of EVAC6500 (take the combination of EVAC6500 with the sealed lead-acid battery for example: if it works in the full load, the output current provided shall not be less than 27A, namely, power capacity shall not be less than 27Ah, and the operating time is: <full load operation *27Ah*1.2> hour).

2 —— 6 Speaker A&B Circuit Output Interfaces

- Connect the constant pressure speaker or 3-wire audio control system;
- Output voltage is 0-100V.

Note: please make at least one modeling of the speaker circuit after completing the wiring. It will be OK to suspend the partition that is not connected with the speaker. Of course, its output can also be prohibited in EVAC6000 (the related operations refer to the related chapters of EVAC6000).

3 —— 6 DC24V Output Interfaces

- Connect four-wire audio control system;
- The rated output current is 0.2A for each line.

Note: the total output power of the six lines may not be greater than 28W.

4 ——8 Programmable Linkage Relay Output Interfaces

- Under the normal status, Output 2 is normally open. Its output status can be decided by the input status of “5” in EVAC6000, and its output status can be controlled manually in EVAC6000.

Notes: when the linkage relay is controlled by multiple input statuses, its outputs belong to an adding relationship. For example, the contact 1 of “5” is configured to open the output interface 1, and it does not select the output interface 2. However, contact 4 of “5” has selected the output interface 2, but it does not select the output interface 1. The output interfaces are 1 and 2 when they occur simultaneously.

5 —— 8 Programmable Input Contact Interfaces

- Under the normal status, it will be OK to maintain the normal opening. When a short circuit status is detected, it will trigger a preset processing event (the preset processing event of the contact refers to the EVAC6000).

6 —— Ethernet Interface

- Mainly used to connect the EVAC6000.

Notes:

1) The default IP address of the equipment is: 192.168.1.168 and the communication port number is 16888.

2) If you forget it after the modification through EVAC6000, you can restore the default IP address by pulling off and then pulling on the sixth bit of “15” (please refer to the related chapters of EVAC6000).

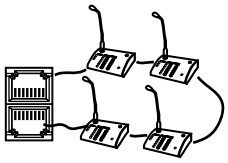
3) Of course, if you do not want to use this default IP address, please pull on the fifth bit of “15” to open DHCP function and determine your network router has opened this DHCP function.

4) Support the computer to directly connect EVAC6000 device and automatically recognize the crossover and straight-through network. Of course, in order to unify the network cables of five categories of the system, they can all consult the TIE/EIA-568B standards, including the connection of EVAC6500E with EVAC6006.

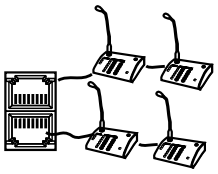
7 —— Main/Backup Interfaces of Business Microphone

Use straight cable to cable to connect the extension controller EVAC6500E to the host, system capacity of 19 units extension and communication distance is up to 600 meters. Support microphone loop connection or star connection as above remote paging microphone pictures, the system software will auto distinguish different kinds of cable connection.

- Used to connect EVAC6006;
- Support the closed and star-shape connection (shown below) and automatic identification of software to maintain the operation of the system is reliable, stable, recommended the loop.



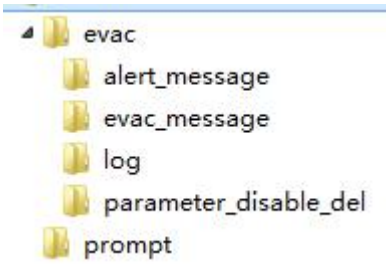
Closed or Loop Connection

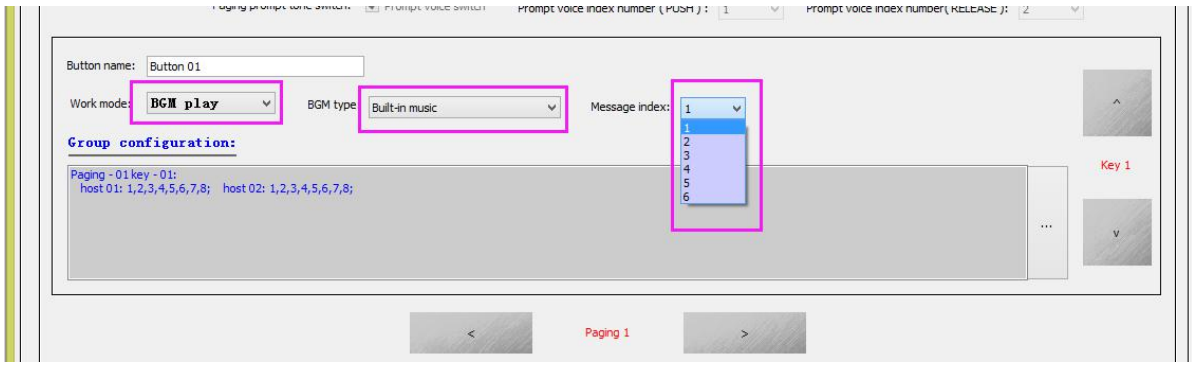


Star Connection

8 —— Emergency Message Memory Card

The emergency message memory card is real time monitored, tested memory capacity of 32G, never plug out this card during work, otherwise the event record and program will be lost. The root of emergency message as below picture, there is each one Alert and EVAC default messages, edit, add or delete or replace these messages are possible done by professional technician, these messages will be real time supervised. “Log” file is log in event record, which could be inquired or download in software EVAC6000. “Prompt” means chime before announcement, so customized chime could be replaced the default one in EVAC6006, this message is not real time monitored, only will be reviewed once after power on, so no chime or file lost will be not warned as fault. Max message number is 255.





9 —— Grounding Interface

10 —— Backup Power Amplifier Interface

note here to balance the output

11 —— Relay Fault Status Output Interface of the System

- when the system has any fault, disconnect the output interface, and vice and off.

12 —— Relay Fault Output Interface for System Operation Status

- When the system works in a fire status, this output interface is closed and otherwise it is disconnected.

13 —— Fire Alarm Reset Input Interface (greater than or equal to 0.5S relay short-circuit input, used to connect CIE device and realize the on-line control)

- When the current equipment works in a fire mode, reset it to switch into a normal mode.
- When it is operated in a normal mode, it is not processed and ignored.

14/15 —— Mic or Line input interface

16 —— MIC/line input audio sensitivity adjustment, cooperate to use "14, 15, 17".

17 —— The input interface circuit, used with "16".

18 —— Line Input Interface, to be Operated in combination with “17”

19 —— Host REC Output.

- This REC output is mixed output for external voice recorder or other recording equipment.

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1.3. Technical Specification

		Model	EVAC6500	EVAC6500E
Electrical Indicators	**AC Power Supply**	Voltage	AC220-250V, 50/60Hz	
		Rated Power	500W	
		Power consumption	≤650W	
		Max. Current	< 3A	
		Fuse rating	250V/5A, low speed type	
	DC Power Supply	Voltage	24V DC, 20V ~ 27.5V	
		Max. Current	< 27A	
	Emergency Microphone	Sensitivity	5mV	
		Impedance	600Ω	
	Freq. Response	Input	20-20KHz	
		Output	80-16KHz	
	Line Input	Distortion	＜1% (Rated output power), 1kHz	
		Sensitivity	775mV	
		Impedance	10kΩ	
		SNR	>70dB	
	Audio Output	Distortion	＜1% (Rated output power), 1kHz	
		Sensitivity	0dBmV	
		SNR	>70dB	
	System Connection	Fault Output	Closed circuit, no voltage	

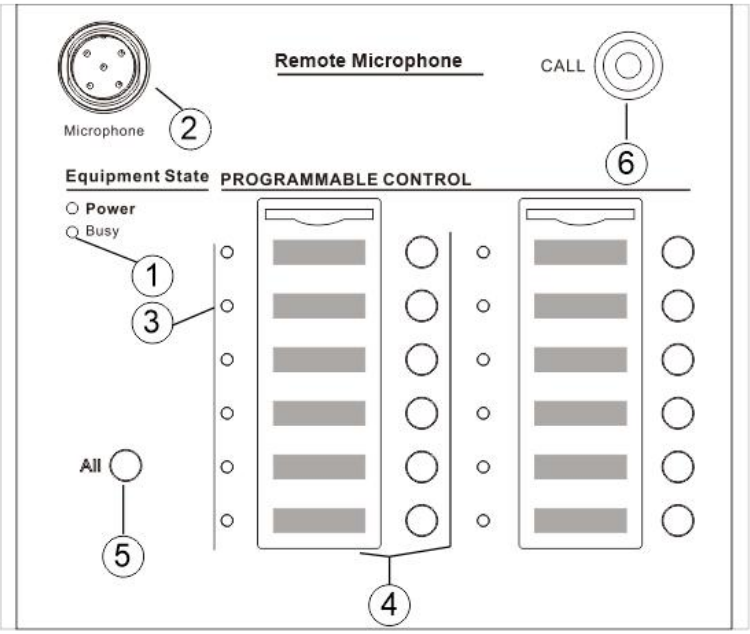
	Control Contact Output/Input (I/O)	EVAC State Output	Closed circuit, no voltage
		EVAC Reset Input	Closed circuit, no voltage, T>0.5s
		8 Program Control Output	Closed circuit, no voltage
		8 Program Control Input	Way-1: Closed circuit, no voltage Way-2: Level input and max 3.3V
	Voice Message	Format	WAV
		Memory Card	SD memory card
		Capacity	32G
		Message No.	255 Max
		Period	10 years
		SD card	FAT/FAT32
	Log Information	Data format	HEX
		Memory type	Nand Flash
		Message Number	1000
		Retention	>10years
Mechanical Indicators		Dimension(L x W x D)	484* 132* 449 mm (3U)
		Net Weight	11.5kg or so
		Installation	Desktop or 19inch rack
		Color	Black
Environment Requirements		Operating Temperature	+5℃ ~ +40℃
		Storage Temperature	-20℃ ~ +70℃
		Relative Humidity	< 95%
Mechanical Spec		Dimension	484(W)x132(H)x449(D)mm (3U)
		Net Weight	11.5kg
		Rack Mount	19” rack mount type
		Finish	Aluminum plate and metal case in black

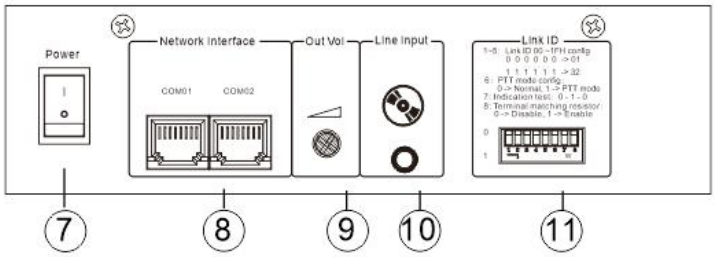
2. Business MIC——EVAC6006

EVAC6006 is used for the remote control of EVAC system and allows the user to page the partitions via the remote control manner. It supports 12 partitions and 12 grouped programmable control and supports the redundant cabling.

- **Partition/grouping selection in a key. It is easy to operate and it is intuitive and clear;**
- **Key mode and PTT mode for paging can be configured;**
- **Paging priority can be configured;**
- **Support 24V phantom power supply. It is not necessary to provide the external power supply adapter.**
- **use the balanced transmission to extend the transmission distance <=600m;**
- **Support the redundant cabling of the line.**

1.4. Front/Rear Panels





1 —— Device "Busy" Status Indicator

1. Green - the equipment is busy, please wait;
2. Off - normal state, can be used to call or control the specified partition;

2 —— Microphone Bar

3. Paging is allowed or available when the red LED light of microphone bar is ON.

Remarks: **Red LED Light**

3 —— Selection of Partitions and Operating Status Indicator

4. Always ON – indicating that the current partition is in a operating state;
5. Flashing – indicating that its user currently selects this partition;
6. Die-out – indicating that this partition does not work currently and in a ready state.

4 —— Key for Partition Selection (to be operated in combination with the above "3")

- When there is no paging in MIC and the left LED light is Always ON or dies out, the corresponding LED lights will flash after pressing the corresponding keys, which indicates that the user has selected this partition;
- When MIC is paging currently, the corresponding key is pressed or held down to indicate that the user

needs to modify the current paging partitions.

Notes:

1. If the indicator light of corresponding partition of the key is green – close the paging of the partition currently selected;
2. If the indicator light of corresponding partition of the key is OFF – open the partition currently selected, namely, increase the paging partitions;

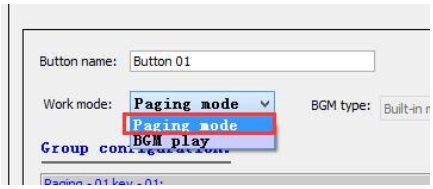
5 ——Key "Select All"

Used to select all current groups;

Description:

7. Paging mode"

Select all keys that are configured as Paging mode, as shown in the following figure:



2. "BGM play" ——:

If the corresponding key is configured as "BGM play" - this key is disabled: as shown below:

6 —— Key "Paging Startup"

◆ MIC Paging Control Key

Notes:

1. When it is paging, the current paging will be ended by pressing this key;
2. When there is no paging but the partition is selected, it will begin the paging by pressing this key (it will wait for the ON of the microphone light);

Attentions:

When the MIC is operated in the PTT mode, this key shall be always held down for a paging operation; otherwise the paging will end (PTT mode refers to the description in the later "11").

7 —— MIC Power Switch

◆ It is used to start or close MIC operating power supply (it must be firstly connected to the host, namely, "8" must be connected with "7" in the rear row of the host)

8 —— Device Online Interface

◆ It is used to connect the system host or one set of upper/lower EVAC6006.

For these two interfaces, there is no distinction between the major and the minor one.

9 —— MIC Output Audio Sensitivity Adjustment

10 —— MIC External Line Input Audio is output by mixing with the Audio of "2" of the Panel

11 —— Device ID Configuration Switch

Bits "1-6" – means the device online ID. The online IDs of the device in the below are respectively: (namely, the binary value of device ID is the bits 1-6 plus 1. to pull on means "1" and to pull off means "0").

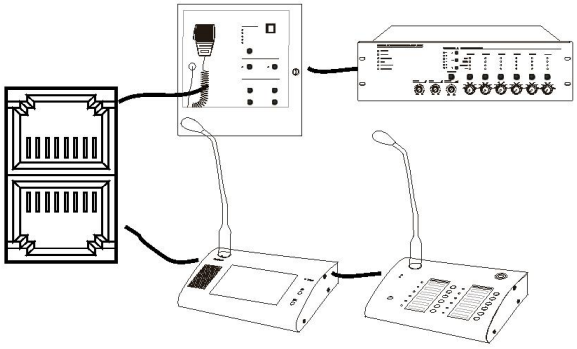
1(000000) 2(100000) 3(010000) 4(110000) 32(111110)

"7" :Pull up - that work in the normal mode;

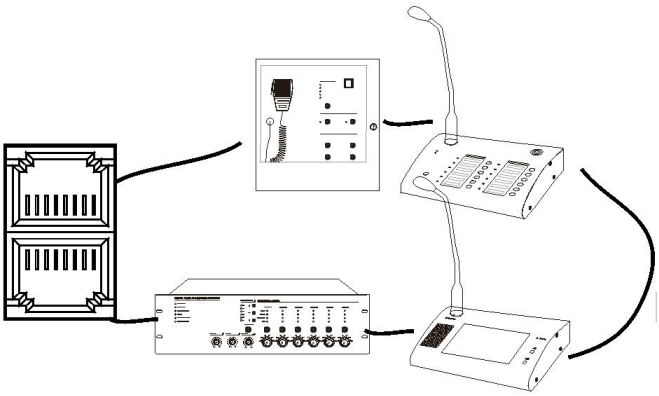
Unplugged - indicates that work in PTT mode that is paging need to keep pressing;

"8" — Device terminating resistance control

◆ Please refer to the following connection



Pic 1



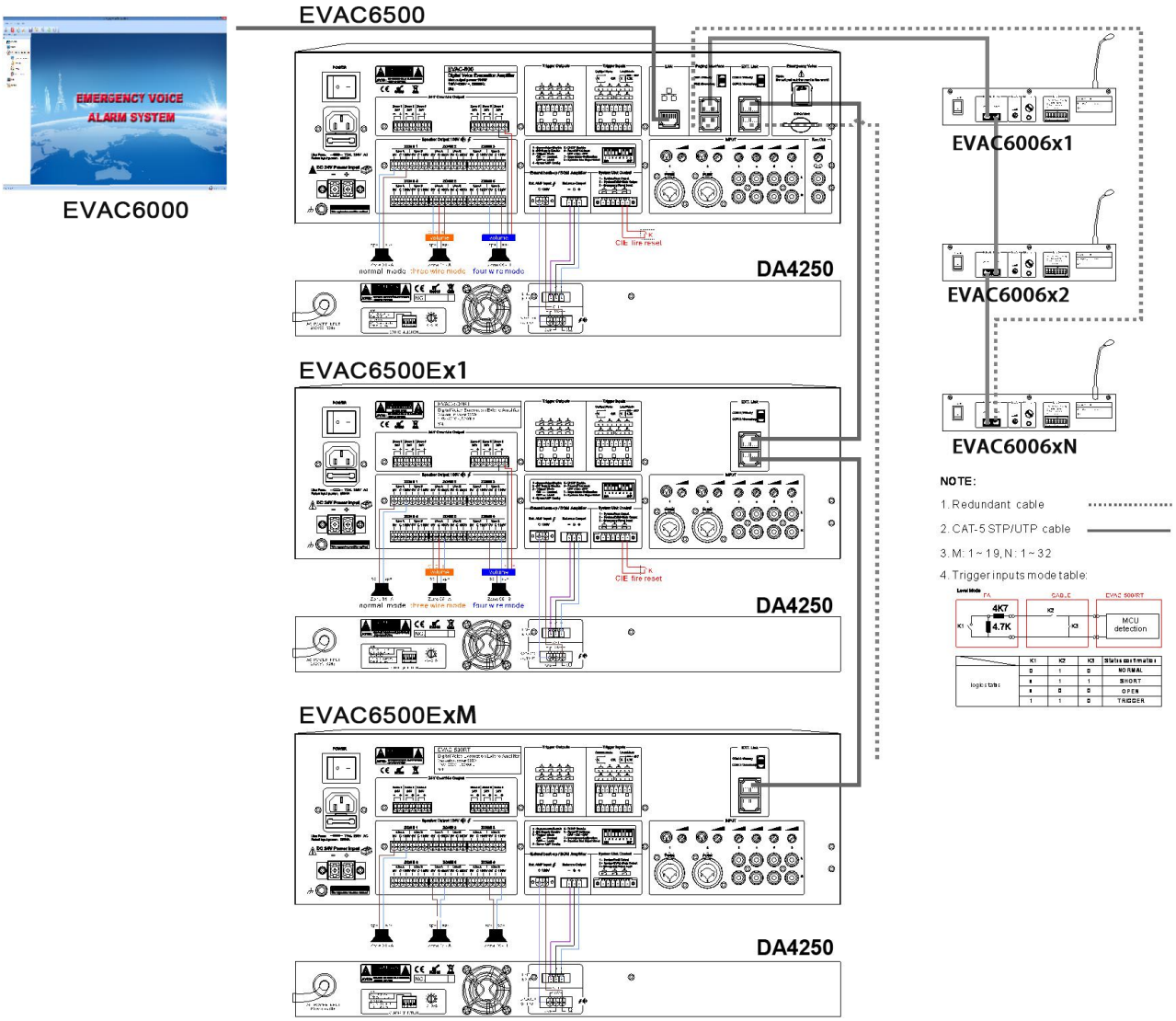
pic two

1.5. Technical Specification

Model	EVAC6006	
Description	Remote Paging Microphone	
System Capacity	32 units	
Communication Distance	600 meters	
System Connection	Star connection or loop redundancy connection	
Zone Number	12 zones or 12 groups	
Paging Mode	PPT & normal paging modes	
Electrical Part	Phantom Power Voltage	20V-27.5V
	Max Current	<0.1A

	Power Consumption	<2.4W
Line Input	Sensitivity	775mV
	Impedance	10kΩ
	S/N Ratio	>70dB
Microphone Input	Sensitivity	5mV
	Impedance	600Ω
Working Environment	Operation Temp	+5˚C ~ +40˚C
	Storage Temp	-20˚C ~ +70˚C
	Relative Humidity	< 95%
Mechanical Part	Dimension	240(W) x 140(D) x 55(H) mm
	Weight	1kg
	Finish	Aluminum case in black

3. Wiring Diagram of the System



4. Routine Operation

➢ Devices
✧ EVAC6500；
✧ EVAC6500E；
✧ EVAC6006；
✧ EVAC6000；
➢ The electrical connections among the system equipment or devices are correct and the operation is normal.

4.1. Host Lines 01-06 for Manual Playing

✧ The corresponding partitions can be opened or closed by selecting the corresponding keys on the control panel of EVAC6500 or EVAC6500E:

The lighting (ON) of “BGM” LED of corresponding partitions of EVAC6500 or EVAC6500E indicates that this partition is outputting the audio of the line selected currently by the user.

Notes:

1. The input audio of host line cannot be outputted by transmitting it to the partition of extended host, but the EVAC voice of the host and the audio of handheld microphone and EVAC6006 can be outputted by transmitting it to the extended host;
2. The audio of the extended host cannot be outputted by transmitting it to the partition of the host;
3. When it is necessary to output the audio of different lines, the user can only need to make “LINE OF CONTROL (LINE CONTROL)” to point to corresponding index numbers of the lines.

4.2. Manual Playing of EVAC Voice

✧ Enter the “EMERGENCY” Mode – in the OFF state of Emergency LED, press it to make the LED to flash in a rhythm;
✧ Select the output partitions (the method is identical to the above “Host Line 01-06 for Manual Playing”. In the manual mode, it is impossible to select the partitions of extended host on the host panel. The automatic mode or EVAC6006 or EVAC6500FM is available);
✧ Select the outputted EVAC Voice – it will be OK when the corresponding LED lights of “EVAC MSG” or “ALERT MSG” are ON.

Description:

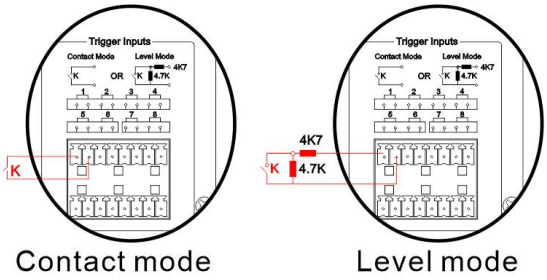
There are tow ways (execute the same functions) to exit from the EMERGENCY Mode (i.e. Reset)

Way 1: Press again the Key “EMERGENCY” to die out the corresponding LED lights;

Way 2: Enter the relay short-circuit signals (without voltage) with a value ≥ 0.5S through the CIE reset input contact at rear row of the host.

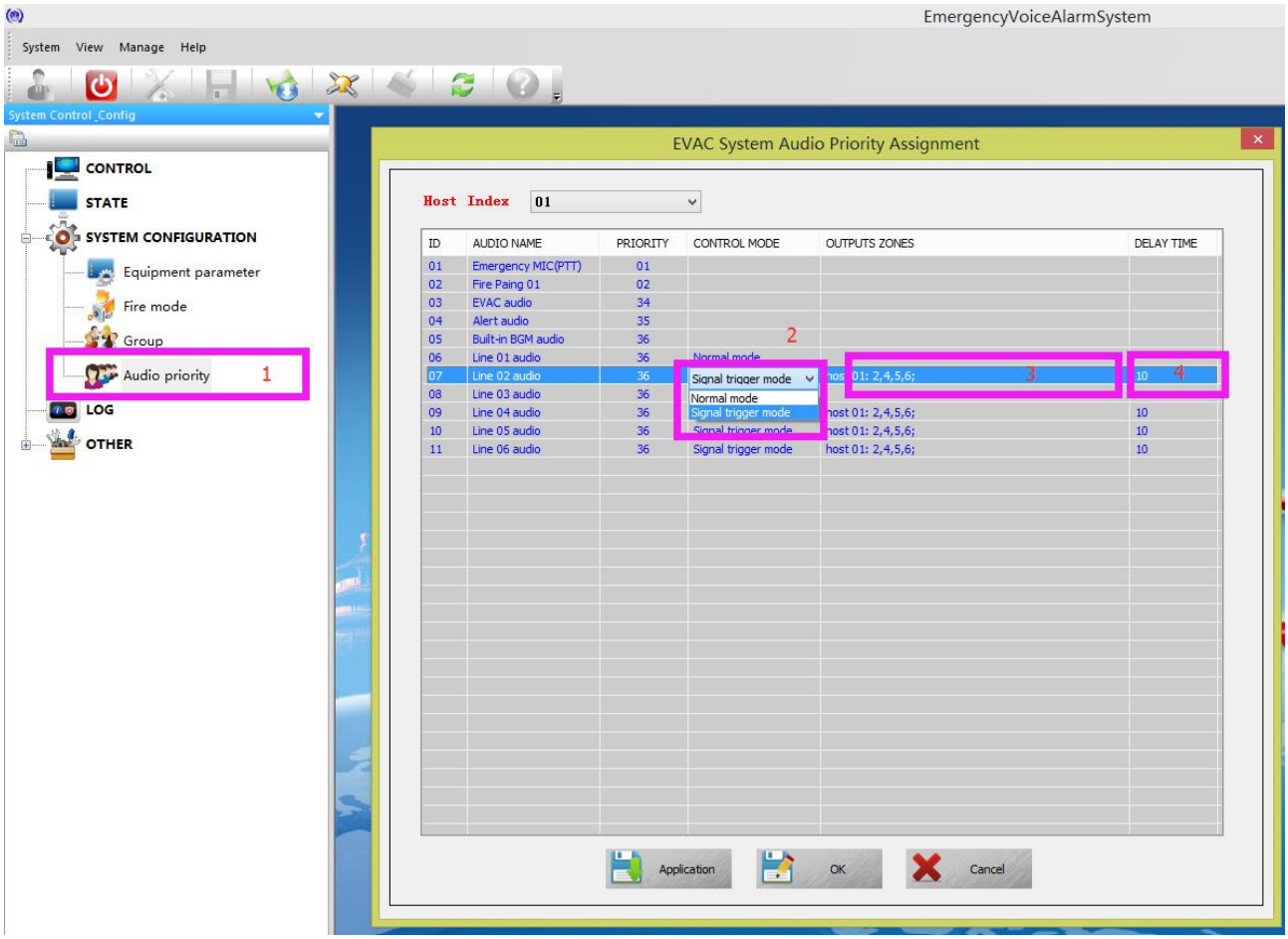
4.3. Automatic Triggering of EVAC Voice

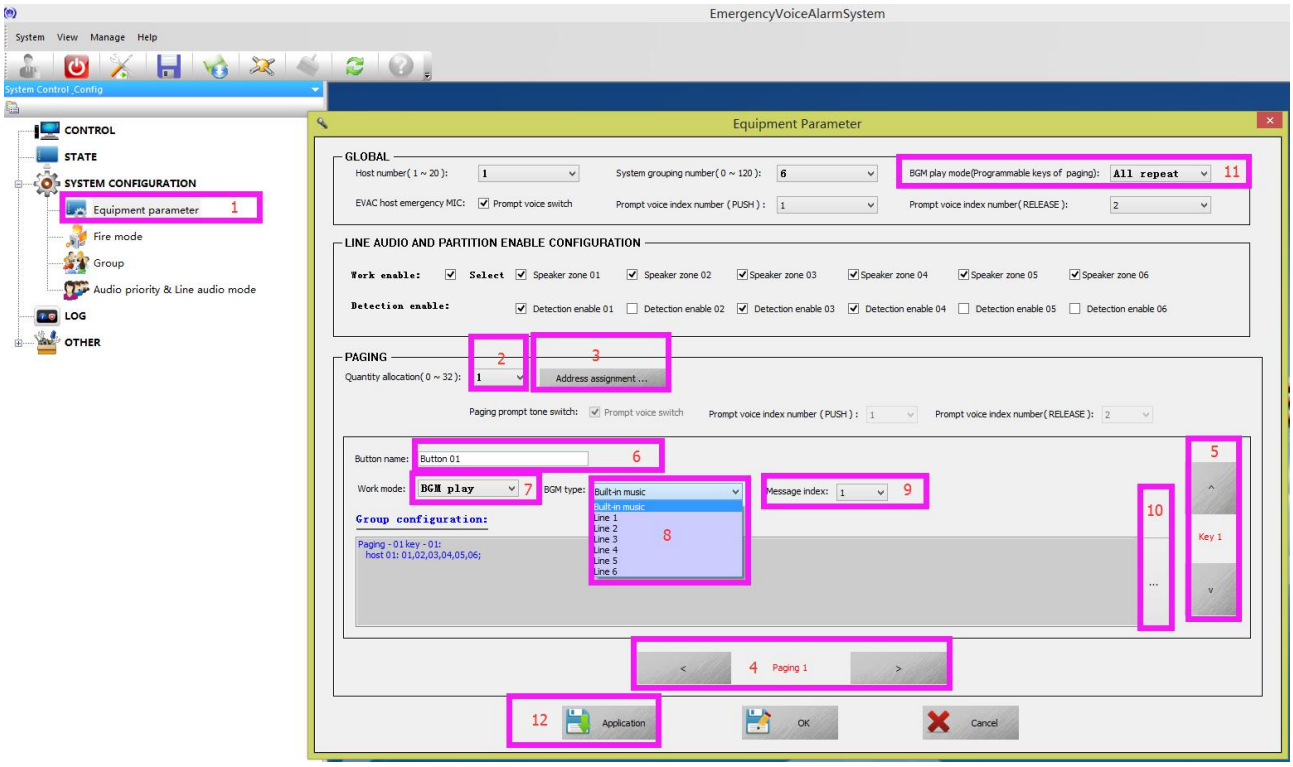
- ✧ The user has effectively configured the contacts of the host or extended host via EVAC6000.
- ✧ If it is not configured, it is subject to a output of whole partition in system default;
- ✧ As to the Contact Mode and Level Mode, the EVAC voice can be triggered through the closing in the following figures of the host or extended host (the exit can be realized by the same reset mode of manual playing)



4.4. Background Music Broadcast from Software

Select the zone or group and choose the effective line input to make the general broadcast. The zone or group displayed only after configuration, the software will auto distinguish the effective line input. B) Move mouse to zone1 icon, and click the left to click the inverse button to control the zone output status. Green means output and extinguish means terminate output.


EmergencyVoiceAlarmSystem
System View Manage Help
System Control_Config
CONTROL
STATE
SYSTEM CONFIGURATION
Equipment parameter
Fire mode
Group
Audio priority
1
LOG
OTHER
EVAC System Audio Priority Assignment
Host Index 01
ID AUDIO NAME PRIORITY CONTROL MODE OUTPUTS ZONES DELAY TIME
01 Emergency MIC(PTT) 01
02 Fire Paing 01 02
03 EVAC audio 34
04 Alert audio 35
05 Built-in BGM audio 36
06 Line 01 audio 36 Normal mode
07 Line 02 audio 36 Signal trigger mode 01: 2,4,5,6; 10
08 Line 03 audio 36
09 Line 04 audio 36 host 01: 2,4,5,6; 10
10 Line 05 audio 36 host 01: 2,4,5,6; 10
11 Line 06 audio 36 Signal trigger mode host 01: 2,4,5,6; 10
Normal mode
Signal trigger mode
2
3
4
Application
OK
Cancel


EmergencyVoiceAlarmSystem
System View Manage Help
System Control_Config
CONTROL
STATE
SYSTEM CONFIGURATION
Equipment parameter
1
Fire mode
Group
Audio priority & Line audio mode
LOG
OTHER
Equipment Parameter
GLOBAL
Host number(1 ~ 20):
System grouping number(0 ~ 120):
BGM play mode(Programmable keys of paging): All repeat
11
EVAC host emergency MIC:
Prompt voice switch
Prompt voice index number (PUSH) :
Prompt voice index number(RELEASE):
LINE AUDIO AND PARTITION ENABLE CONFIGURATION
Work enable: Select Speaker zone 01 Speaker zone 02 Speaker zone 03 Speaker zone 04 Speaker zone 05 Speaker zone 06
Detection enable: Detection enable 01 Detection enable 02 Detection enable 03 Detection enable 04 Detection enable 05 Detection enable 06
PAGING
Quantity allocation(0 ~ 32):
2
3
Address assignment ...
Paging prompt tone switch:
Prompt voice switch
Button name: Button 01
6
5
Work mode: BGM play
7
BGM type: Built-in music
Built-in music
Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
8
Message index:
9
10
Group configuration:
Paging - 01 key - 01:
host 01: 01,02,03,04,05,06;
Key 1
4
Paging 1
12
Application
OK
Cancel

"1" -> "2" (configure the system to allow the number of remote MIC: the value of EVAC6006
-> "3" (configure the type of MIC, EVAC6006 "TYPE" select "Business paging")
-> "4" (select the "Paging" index number for the current working parameter configuration)
-> "5" (used to select the corresponding paging key number, the picture shows the first button)
-> "6" (for the current button to take an alias for easy memory recognition, up to 12 valid characters, EVAC6006 need to use their own printed note mark)
-> "7" (used to set the working mode, when the "Paging mode" for the constituency, press only said that the selected group, do not perform other functions, the figure set to "BGM play" that control the host built-in background Music and lines into the specified partition, including the expansion of the main partition, press to open, press again to close)
-> "8" (for selecting whether to output built-in background music or external input line audio)
> "9" (when "8" select "Built-in music" to further specify the play of the track)
-> "10" (for selecting the output partition, including the extended host)
-> "11" (for the device built-in background music playback mode, currently only supports single loop and all files in this folder loop)

According to the diagram above "1 ~ 11" after configuration is complete, please click on the "12", in the Address for the EN-6500 FM the need to "Address the assignment)." - > "TYPE" - > "Fire the paging" ", the EVAC - RM "by default" Business the paging "" or EVAC6500 tp to press the button" 01 "can be the host of the built-in SD card in the BGM song play 1 to" host 01 line 02 with the input signal is detected, the automatic line audio 02 output to the above, the output of the "3" configuration partition, namely host 1 ~ 6 partition again press, closed the current output.

➢ Bia EVAC6006 Play BGM

（1）. stochastic control：

i. Click on the corresponding partition name, when a rectangle button appears, click to open or close the partition of the corresponding host as shown below：

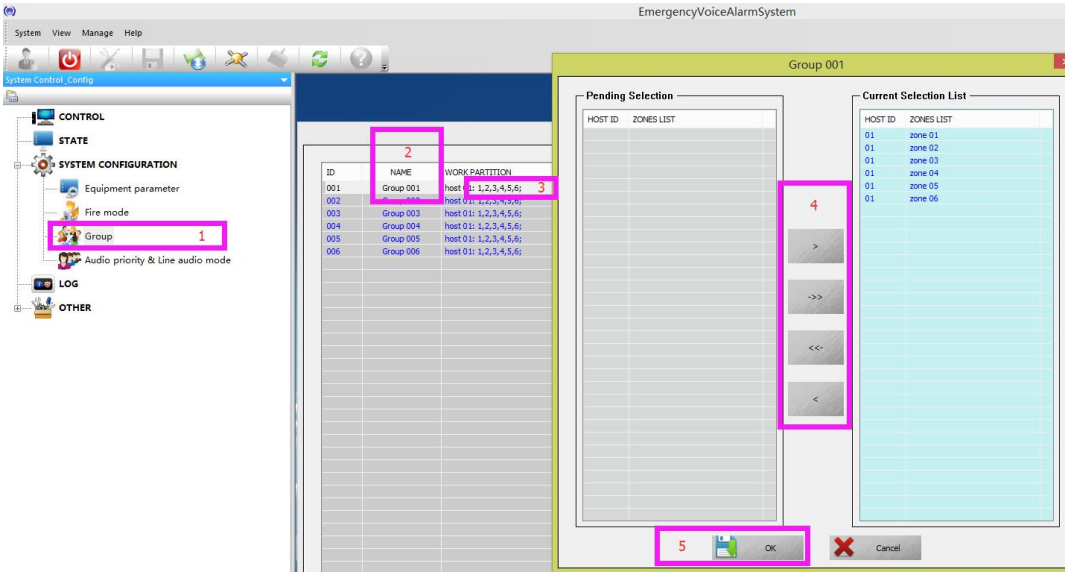
Note：This operation only opens the partition of the corresponding host, not audio processing. If there is audio output at present, the audio can be exported without the audio output, namely, open and no audio output；

ii. Click on the audio on the right, and the current LED is lit, which means open, as shown below：

Note：This operation only opens the host audio, does not automatically open the output partition, and operates on the corresponding host panel：

（2）. Specify grouping and audio output：

i. You should configure the grouping by the following figure：



In this pic.：

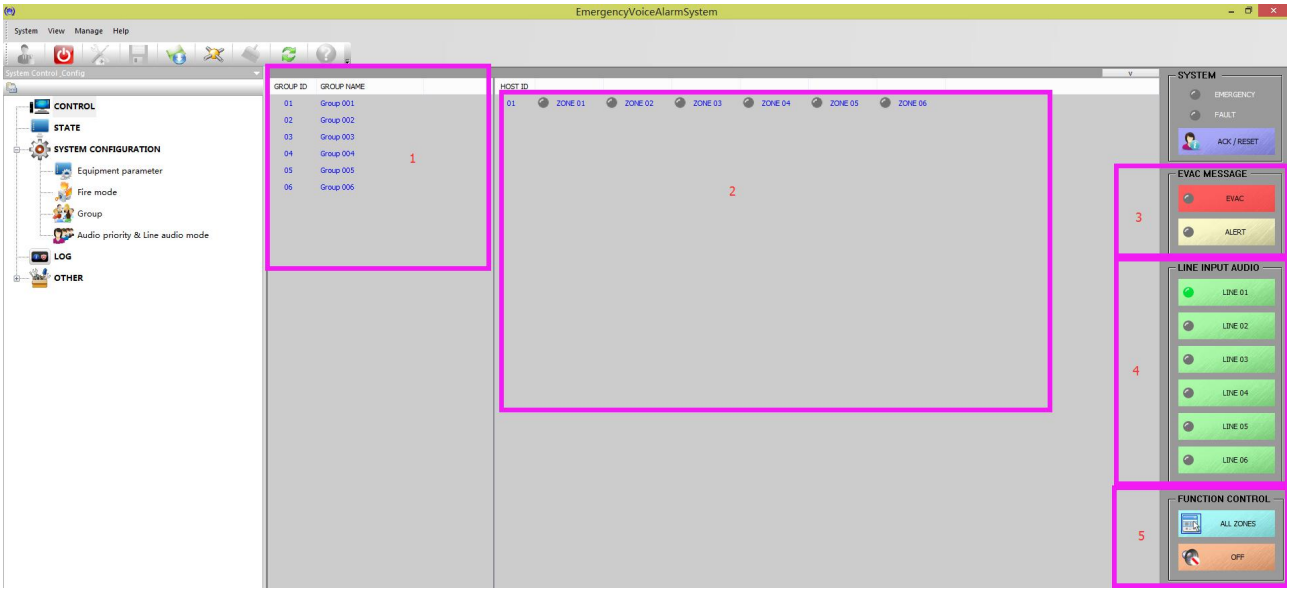
“1”——select the hierarchical configuration；

“2”——Give the grouping an alias, "double click the corresponding group name, and you can enter -- up to 12 characters.";

“3”——set the partition that is currently included in the grouping, double-click will pop up the window on the right, that is, select grouping by the function key in "4", and the grouping of the same device can exist in different partitions simultaneously.

“5”——determine the current setting, please note that any new Settings for the user need to be effectively required to synchronize the system host, that is, click "Application"。

ii. When you complete the configuration above, you can control it by following the image below：



The diagram above shows and operates：

“1”——To configure all groups by "I", click on the corresponding grouping name, and the "2" on the right shows the partitions contained in the current grouping；

“2”——The partitions currently included in the "1" section show all the partitions of the system if there is no corresponding grouping；

“3”——For the host EVAC voice information state and control, the corresponding indicator color is indicated：

extingush --- normal；

green --- working；

Yellow --- If the user changes their own SD, please use the FAT32 file system format SD card, and in order to prevent the accident, please do not place in the SD card and EVAC has nothing to do with the file

“4”——When the selected group is selected (including through "5"), click the corresponding line audio to output the audio of the host to the corresponding partition；

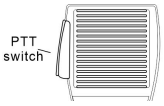
“5”——function keys：

“ALL ZONES”——Represents the selection of all groups, if you have chosen to cancel the group selection；

“OFF”——This operation will close the audio of the current output of the partition, for example, the partition output is the built-in BGM audio, and the BGM playback will be stopped while the partition is closed.

4.5. Paging Operation Using Emergency Microphone

At any time, press the handheld microphone switch for the paging operation (if the user starts up the Prompt (bell voice), the host will automatically play and the paging operation cannot be carried out until the playing is over) —> “EMG MICROPHONE” turns ON —> begin the paging.



Note: during the paging process, the user can manually close or open the partition/zone. For a default mode, all zones will be opened.

4.6. Operations in EVAC6006 are as follows

- ✧ Select the partition/zone needing currently for paging (the LED light of corresponding selected zone flashes green) – single selection or all selection can be available;
- ✧ Press the Green “CALL” key and wait the lighting of LED light, then the paging is available (if it is operated in the PTT mode, please do not release the button “CALL”);
- ✧ Press again the button “CALL” to end the paging operation (it is only required to release the button for the PTT mode).

Note: the selections on the panel for the grouping and zoning operations are the same, and only the final execution outcomes are different.

• Software Introduction (EVAC6000)

Description of Icons in the Software

	Save and synchronize to the EVAC6500 host, each revision should click on this OK button.
	Save but not synchronized to the EVAC6500 host.
	Give up the action.
	Current zone is prohibited for operation.
	Current Zone is working
	Zone impedance vibration (open circuit or short circuit)
	The current zone is normal, no broadcast.
	The current zone is under emergency broadcast.
	The current system modules normal
	The current system module faulty
	The current host normal
	The current host system is faulty
	Refresh
	Upload
	Save

Host	Host 01 means EVAC6500 Host 02 means extension unit 001

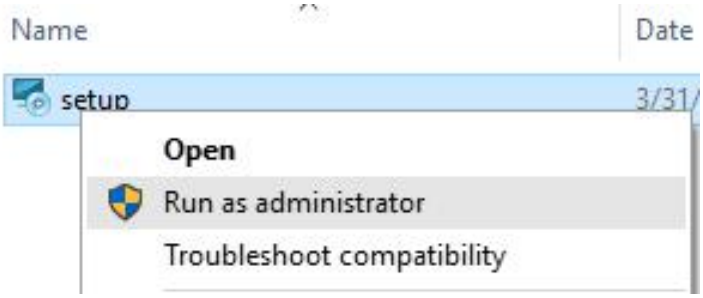
2. Initialization

2.1. Computer configuration

Platform: AMD/Inter CPU 2.0G，Window XP SP3/Window 7/8/8.1/10；

2.2. Installation

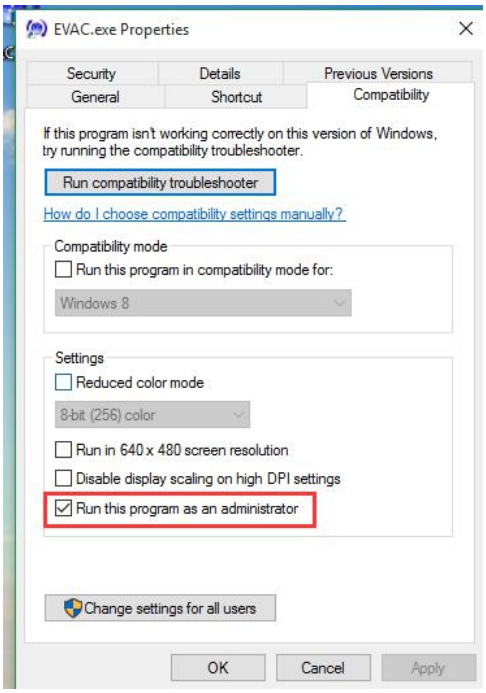
✧ Please double-click or select “Run as administrator” by right mouse button, and then continue to click “YES” and “Next”.



Note: because the operating system of WIN7 or above has comprehensively enhanced its security performance, please ensure to log in the operating system with an identity of administrator; otherwise it may lead to the error during the software installation and during the running after installation. Please check whether the administrator authority is obtained before running – method is as follows:

✧ Find the icon

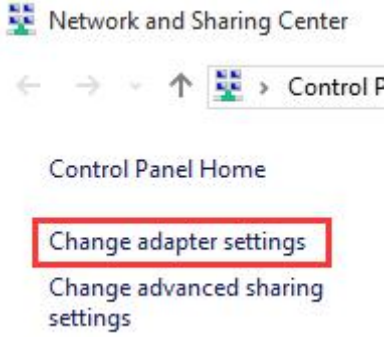
on the desktop, click the right mouse button to select “Properties” and then check the “Run this program as an administrator” in the following figure.



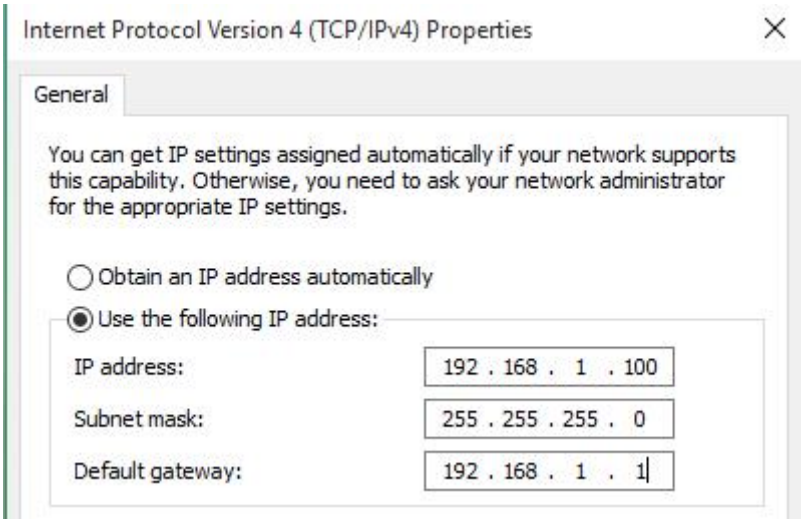
Note: Please maintain the computer and the EVAC system host in the same network segment before the login in the EVAC6000.

① use the static IP address connection method (pull off the fifth bit in the rear-row SWITCH ID setting of EVAC6500 host):

❖ find the icon in the lower right corner of your computer (the icon may be different for different operating systems, so please refer to the actual icon), click the right mouse button to select “Open Network and Sharing Center”, and then select " Change adapter settings " in the pop-up window, as shown in the following figure:



❖ In the pop-up window, select the network connection for current communication (there are maybe many network connections for the interface of user, so please select the network connection communicating currently with the host). Click the right mouse button to select “Properties” and find Item “Internet Protocol Version 4(TCP/IPv4)” in the listbox, and then click the “Properties” in the lower right corner for modification and finally click the “OK”.



② When the user computer uses the dynamic ID address, the operation method is as follows (if the connection is failed, it may be caused by the limitation of router of the user. In such a case, please refer to the above method 1):

❖ Pull On the SWITCH at the rear row of EVAC6500 host;

❖ The host is connected through the cable network to “LAN” port of the router connected by the user computer. In such a case, the host will automatically apply for a legal IP address to the user router.

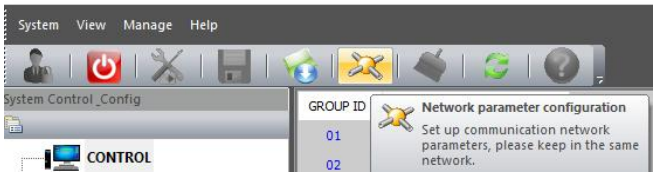
a. Default Network Parameter of the Host:

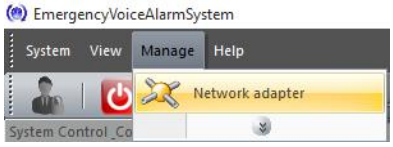
IP address: 192.168.1.168

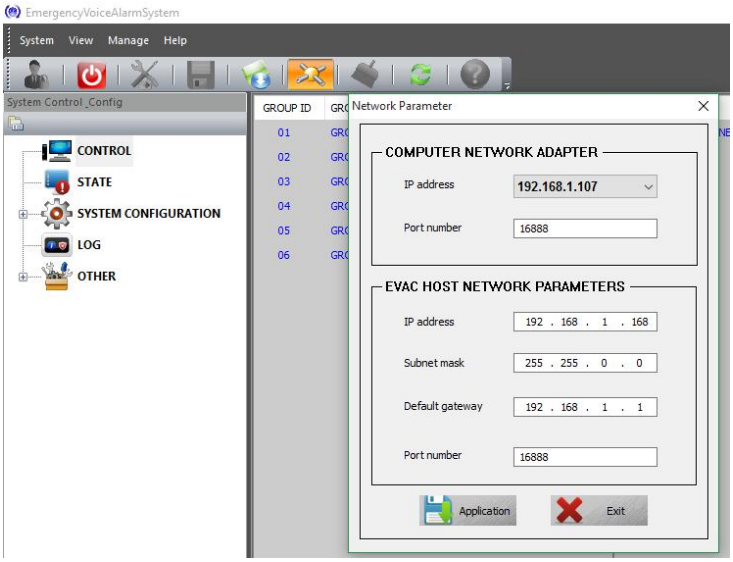
Sub mask： 255.255.0.0

Default gateway: 192.168.1.1

b. User can make the modification by clicking the network properties in the main menu or tool bar (when the user makes the modification, EVAC6000 will automatically restart to establish the connection with the host upon the network parameters modified by the user).







2.3. Uninstall

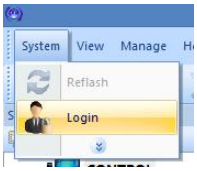
Please enter the “Programs & Features” in control panel to find the corresponding EVAC6500 and then click and confirm it.

2.4. Operation

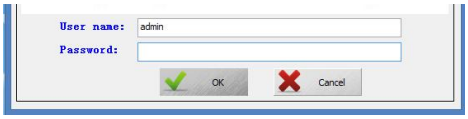
2.4.1. Software Login

1. Double-click the icon

on the desktop to enter the main menu of the software, as shown in the following figure:

2. Click or 

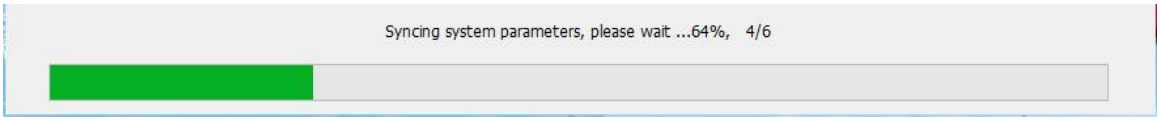
to enter the user identity interface shown in the following figure: (default value is: Admin or blank), directly click OK or Enter.



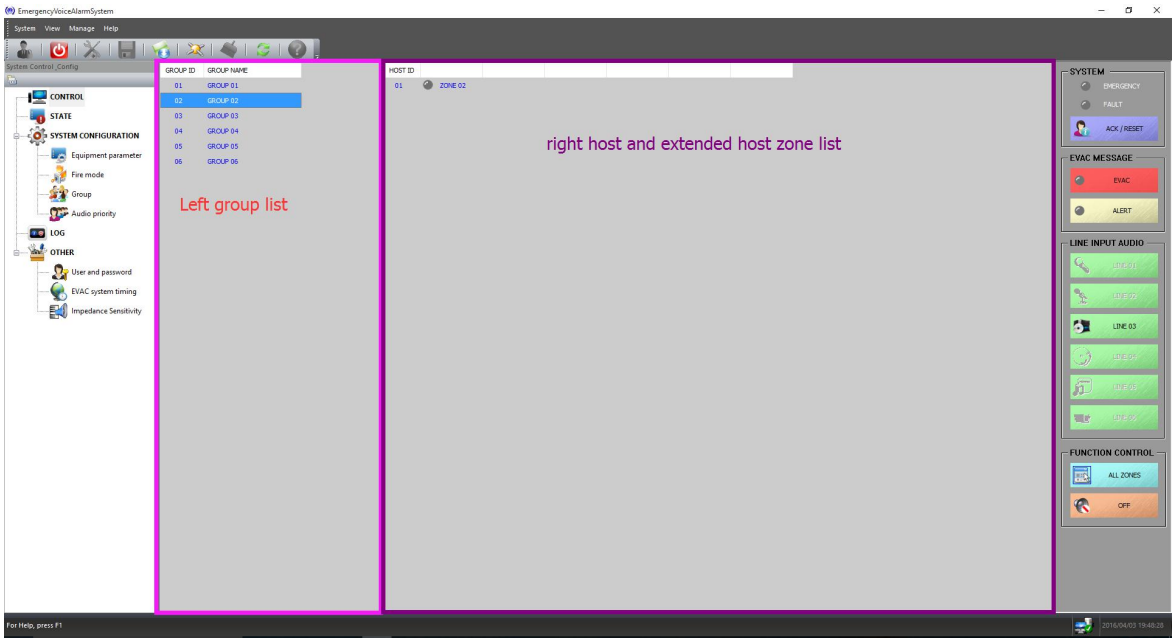
Notes:

1. This password can be modified through the “OTHER—user and password” at left side after the login;
2. When the number of times that the user enters the wrong password is more than three times, it will exit from the login interface automatically.

3. The logical connection between EVAC6000 and EVAC65000 is as follows



4. Enter the following interface after syncing the system parameters (Fig.1)



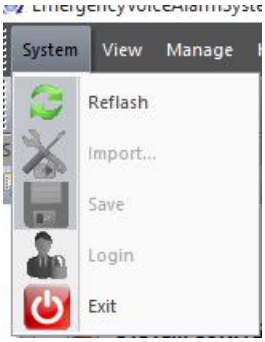
Note:

In the above figure, in its top is the system menu and toolbar, at the left side is the selection items of current operation interface, in the middle portion is the detailed operation items of current selection interface of the user, at the right side is the system status, voice message, line input and function buttons, and at the bottom are prompt bar and software online status and current data of the system, respectively.

2.4.2. Introduction of Control Interface

2.4.2.1. Introduction of Menu Bar and Tools

1. Four main menus of the software in the upper right corner

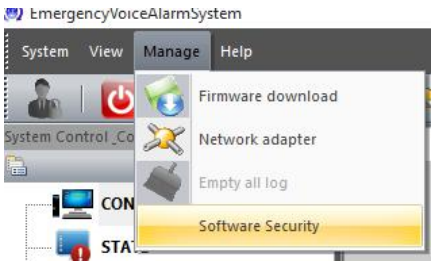


① **"System" Menu is shown in the right figure:**

- "Reflash" refreshes the up-to-date status of the interface in which current user is located and it is equivalent to the icon in the toolbar;
- "Import" is used to import the EVAC6500 system configuration saved by the user and it is equivalent to the icon in the toolbar;
- "Save" is used to save the LOG message of system modules or user's configuration, and it is equivalent to the icon in the toolbar;
- "Login" and "Exit" means the login or exit from the EVAC6000, and it is equivalent to the icon " " in the toolbar.

② **"View" Menu is an Interface and it is used to customize the personalized display appearance for the user;**

③ **"Manage" menu:**



- "Firmware download" is used to replace the firmware of EVAC6500 host. Please take care in the operation (please refer to the upgrading portion of EVAC6500 host firmware);
- "Network adapter" is used to modify the reference of host network, which shall be kept consistent with the current network of the user;
- "Empty all log" is used to delete all status records or logs of host system modules (please take care in operations, and please refer to the following chapters LOG);

- ❖ “Software Security” is used to enhance the operation security, namely, the security authentication as the user exits. If it is “checked”, it is necessary to enter the password as the user exits the software.

④ **“HELP” menu is used mainly to view the software version.**

2.4.3. Introduction of “Current Operating Interface Selection”

Overview: “CONTROL” will control the system partition output status together with audio control button at the right side, including EVAC6500 system grouping configurations, the output control of single partition (zone) of specified EVAC6500 host or EVAC6500E Extended host.

1. “STATE” is used to check the operating status of system devices and modules;
2. “SYSTEM CONFIGURATION” is used to check or modify the current working parameter configuration of the system devices or equipment;
3. “LOG” is used to check the logs or records of system devices and modules;
4. “OTHER” is used to modify the user’s password, proofread the time of EVAC6500 host and modify speaker circuit impedance error value of EVAC6500 system. The greater the percentage is, the lower the accuracy will be.

2.4.3.1. Partition Control

Login the software or click the “CONTROL” at left side, display as shown in the above (Fig.1). The user information is provided in the above figure interface:

① On the central left side, it displays that there are six groups using the EVAC6000 controllable system;

② On the central right side, it displays that the current system has six partitions/zones;

③ The red LED on the right top indicates that the current system operates in an emergency mode;

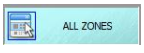
④ The yellow LED indicates that the current system module is in trouble;

⑤ The die-out of LED lights of red and yellow EVAC voice buttons indicates that the EVAC voice message in SD card is OK, namely, the EVAC voice message in “evac_message” and “alert_message” folder in the SD card is intact.

Notes:

① On the left side is the control knob of current output lines of EVAC6500 or EVAC6500E panel. The EVAC6000 panel only displays the current output of valid line of the host;

② EVAC6000 controllable system groups can be set up as Groups 0-120. Through the configuration quantity of “Equipment parameter” in “SYSTEM CONFIGURATION” (6 parameters in default), the system partitions/zones contained by each group can be set up via the “Group”.

③ If want to display the current status of all zones of the system, please move the mouse pointer to the blank space in the group listbox, double-click the mouse or click the button 

on the right side;

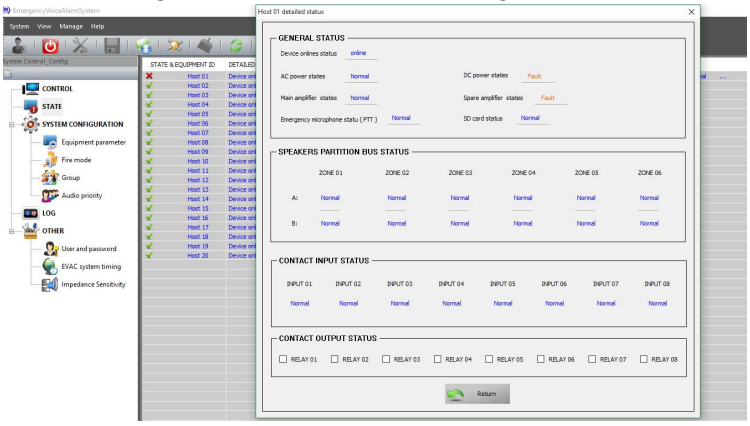
④ If want to check the zones contained in the specified group, please click the corresponding group item in the group listbox, for example, click Group 6;

⑤ Display as:

The anti-color display on the central left side in the above figure indicates that it is selected. In the right listbox, 6 zones of the host in current groups are displayed. Of course, you can add or delete more zones of the host or extended host by modifying “Group” in “SYSTEM CONFIGURATION” (Please be sure to click “Application” after completing the modification);

⑥ If the red LED in the upper right corner is ON, you can only reset it through the red button “EMERGENCY" on the EVAC6500 host panel or the rear row “3-Emergency Reset Input”; in the emergency mode, the user can control the start and closing of EVAC Voice via EVAC6000 (the zone can be opened or closed);

⑦ If the yellow LED is ON, the user can have a check in the pop-up window by double-clicking the corresponding device items after clicking the “STATE” column at the left side.



✧ Operation and Control:

① Operations of Specified Host and Specified Zones are as follows (Output the specified audio or close the zones)

➢ Move the mouse pointer onto the “PARTITION 0X” at the right side of “HOST ID” on the central right side, click it and get a button, and then click this button to control this zone. (the button will automatically disappear by clicking any space except this button):

② Control of Single Partition of Specified Host

➢ For example, if you want to control the Partition 2 of the host, you can only find the “Partition 02” on the right side of “01” under the “HOST ID” and click it.

③ Control of Groups (Output the specified audio)

➢ Select the target partitions: use the mouse to select the corresponding groups on the central left side (the central right listbox will display the partitions contained in the current groups);

➢ Select the output audio: use the mouse to click the ENABLE audio in “EVAC MESSAGE” (needing

the emergency status) or “LINE INPUT AUDIO” on the right side.

➢ Control of all system partitions (of course it can achieve the same result by adding all system partitions into one or more groups): Select the target partitions: select output audio after clicking the “ALL PARTITIONS” in the lower right corner (use the mouse to click ENABLE audio in “EVAC MESSAGE” (needing the emergency status) or “LINE INPUT AUDIO” on the right side)

④ **Close the Groups:**

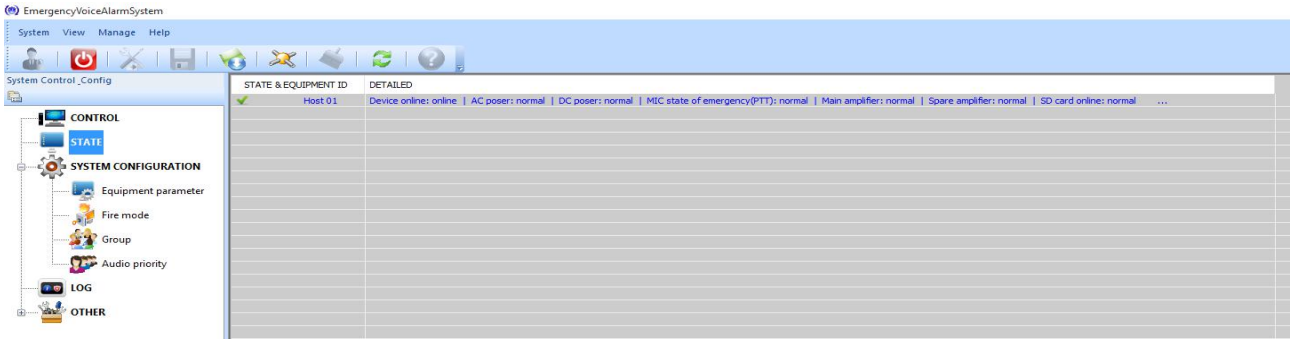
➢ 1. Select the target partitions:

➢ 2. select output audio: use the mouse to click ENABLE audio in “EVAC MESSAGE” (needing the emergency status) or “LINE INPUT AUDIO” on the right side

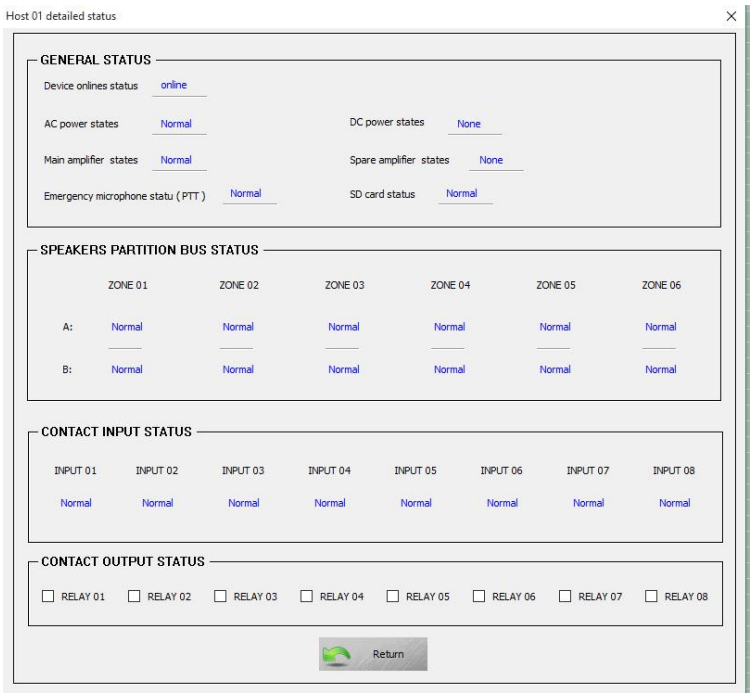
2.4.3.2. System Equipment State (STATE)

✧ The column “STATE&EQUIPMENT ID” displays the current system equipment, including the host, extended host and business MIC;

✧ “DETAILED” is the ID state list of corresponding equipment. The user can double-click this item



to have a check as to the host and extended host (as shown below):



The indicators in the above figure are described as follows:

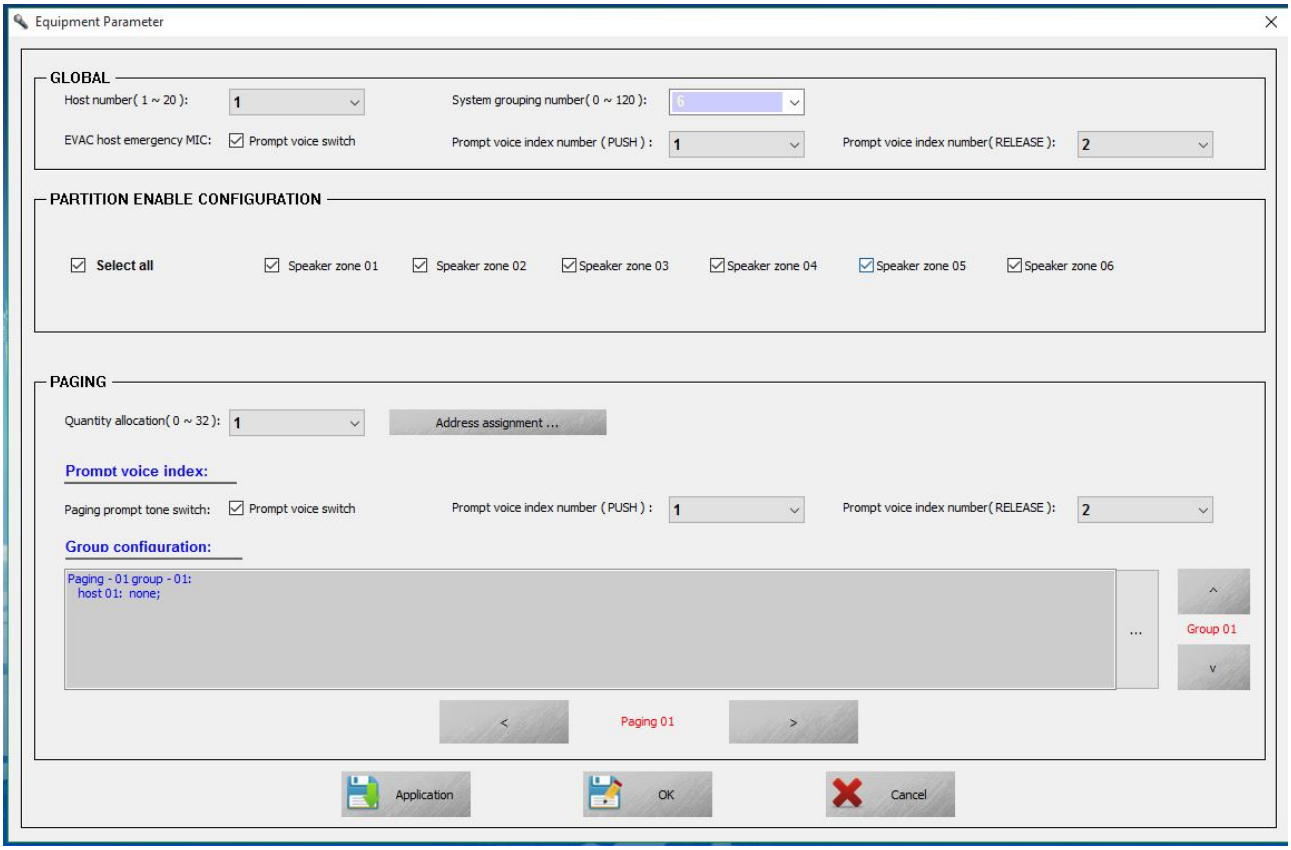
- ✧“online” indicates that the equipment or device is online;
- ✧“offline” indicates that the equipment or device is offline; in such a case, please test or check whether the online cable is in trouble or there is no such an equipment in the system;
- ✧“Normal” indicates that the corresponding equipment module is normal;
- ✧“Fault” indicates that the corresponding equipment module is in trouble;
- ✧“None” indicates that the rear-row DIP configuration switch of this equipment has disabled this module, namely, it is not configured;
- ✧“Open” indicates that there is an open circuit for the corresponding speaker or CIE test loop, namely, it is detected that the impedance of the speaker circuit exceeds (10-30%), subject to the display in (do not specify the detection error for the single equipment or the specified partitions) or the cable between the equipment and the CIE device is disconnected (if the current equipment contact input configuration is in “Level Mode”);
- ✧“Short” indicates that there is a short circuit for the corresponding speaker of CIE loop, namely, it is detected that the impedance of the speaker circuit exceeds (10-30%), and the short circuit of the partition is to disable the control of this partition (in order to protect the amplifier, the host will automatically disable the output until the trouble is shot) or the cable between the equipment and CIE loop is in a short circuit (if the current equipment contact input configuration is in “Level Mode”);
- ✧“CONTACT OUTPUT STAUS” refers to that the corresponding equipment online relay output can be controlled by the clicking operation of the mouse; its output status can be programmed in the contact event in the “Fire Mode” on the left side.

2.4.3.3. SYSTEM CONFIGURATION

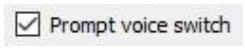
1. It is used mainly to check or view the detailed configuration parameters of the system equipment;
2. Configure or set the fire alarm rules;
3. Configure the operating system groups in EVAC6000;
4. Modify the priority of equipment audio in the system according to the specific applications;

2.4.3.3.1. Check the Detailed Configuration Parameters of the System Equipment

Find “Equipment parameter” through the “+” on the left side of “SYSTEM CONFIGURATION”, click it to pop up the dialog box of parameter configuration of the host, extended host and business MIC, as shown below:



① Configure the host and extended host by setting the number of hosts and extended hosts in the drop-down box on the right side of “Host Number (1-20)” (the system must be equipped with one host. When the number of host of the equipment is over one set, enable the user to use the selector buttons “^” and “v” of many hosts of the user equipment on the right side of “PARTITION ENABLE CONFIGURATION”);

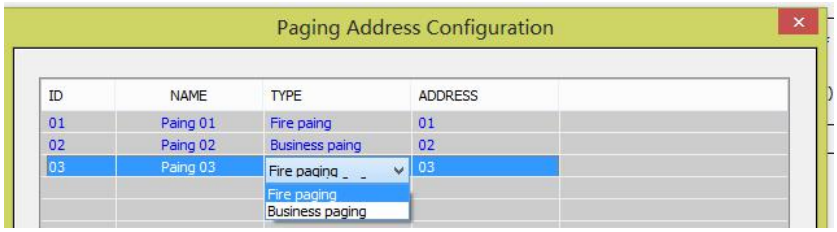
② The user can set up the prompt tones of paging start and stop for the handheld microphone of the panel (i.e. EMG MICROPHONE). When the paging is started, it is required to specify in “PUSH” and “RELEASE” the serial number of files saved in “prompt” folder in SD card (namely, serial number of bell voices), of which, 

indicates the startup and

indicates no start;

③ The user may Enable or Disable single partition of the host or extended host according to the actual conditions. When the check box of the partitions of “PARTITION ENABLE CONFIGURATION” is “”, which indicates the ENABLE, and “”, which indicates the DISABLED (it is not allowed for operate, and it seems that there exists no such a partition for the similar equipment. All ENABLE in default).

④ Through “Quantity allocation(0-32)”, the user can set the quantity of business microphones or fire microphones that shall be connected into the host and meanwhile click the following “Address assignment…” to further set the operating parameters of the microphones:

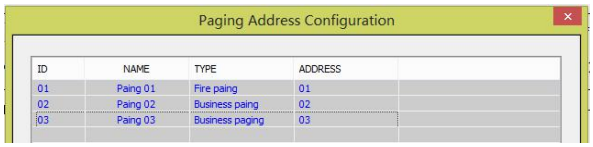


(1) Item “ID” lists the quantity of microphones that are currently connected to the host – please make the configuration according to the actual equipment;

(2) Item “Name” is the virtual name of the corresponding microphones, without any actual meaning, which is automatically allocated by the system;

(3) Item “TYPE” is the type of corresponding microphones, and the user can make a choice for “Fire paging” or “Business paging” by clicking this item;

(4) Item “ADDRESS” is the address of corresponding microphones. The user shall guarantee that the first 1-5 microphones currently connected to the system in the “Link ID” are subject to the one-to-one correspondence, and otherwise, it may lead to the operation failure of the microphones.

Note: after completing the modification, please double-click the blank space to determine that there is no drop-down box in the chart 

in the list box, and then click “OK”. Otherwise, the modification made just now shall be invalid.

⑤ Similarly, the user can set up the switch of each microphone and specify different prompt tone (bell voice) through the “Paging Prompt Tone Switch”, and the method is identical to that of the previous microphone of host panel, which will not be described here (the setting of many microphones can be switched by clicking the

).

⑥ The user can also set different control partitions for 12 groups of the first microphone according to the actual needs, and meanwhile, add and delete them by clicking the

, and switch different groups via the

. The display of list box of the groups is described as follows:

（1） “Paging -01 group -01：”：

1) “Paging-01” indicates that the group message currently listed is the microphone whose address is 01;

2) “group-01” refers to group 01, of course, it may be group 02 or group 03, with a range of 01-12;

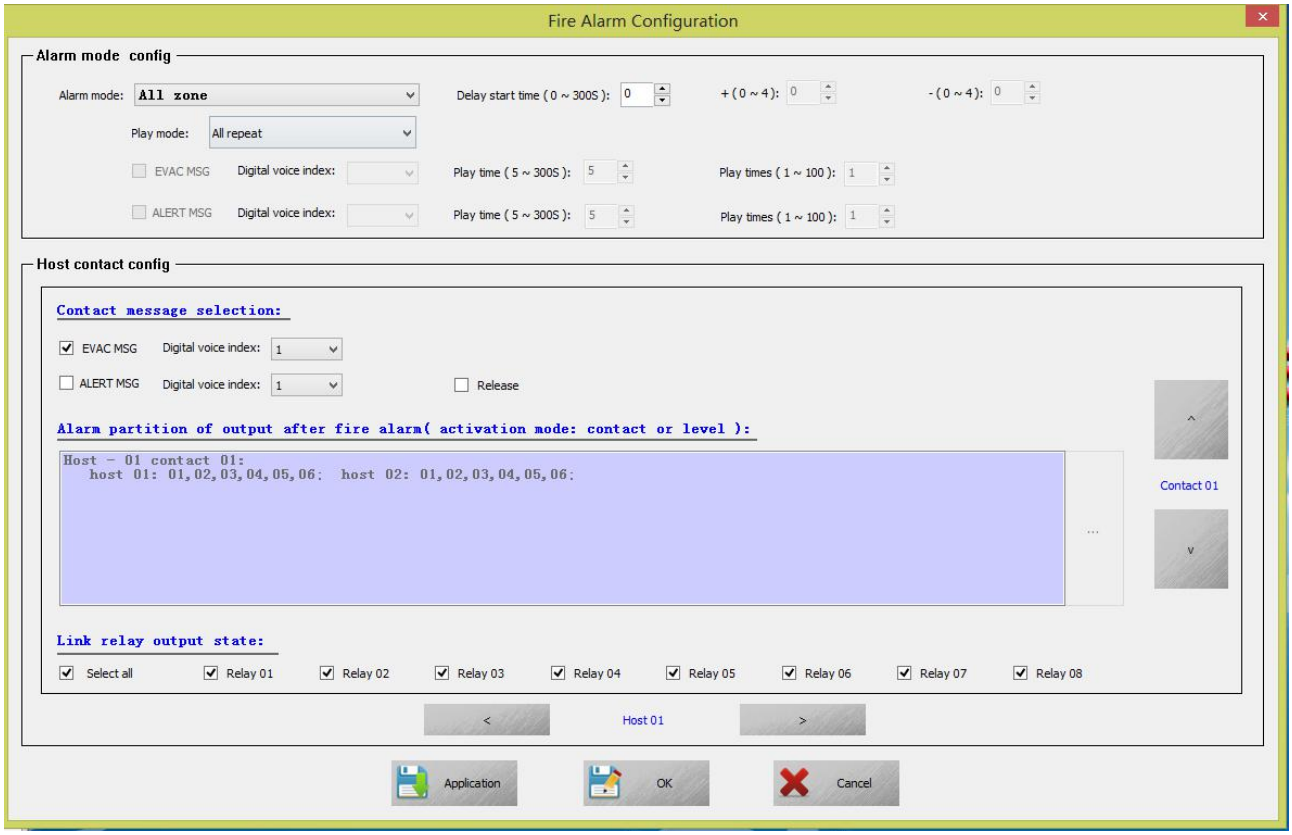
（2） “host 01: 01, 02, 04, 05, 06; host 02: 01, 02, 03, 05 and 06”: it indicates that this partition contains all partitions of this host (HOST 01 in system default; the user cannot change it) except for Partition 3 and all partitions of extended host 01 except for Partition 4 (extended host is numbered from 02, and the user cannot change it), that’s to say, if the user uses the grouping mode in the microphone whose address is 01, the selection of Group 01 for paging is equivalent to the simultaneous selection of five groups of both the host and the extended host for paging.

Precaution: after completing the modification, please click the “Application”. Otherwise, your setting cannot achieve your expected purpose in the corresponding equipment.

2.4.3.3.2. Fire Rules

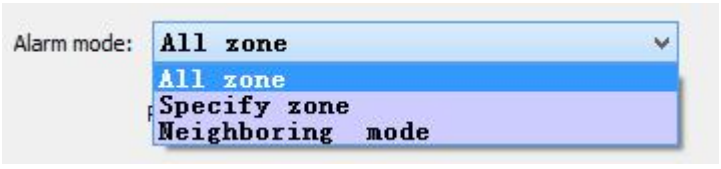
1. **Set the fire execution rules;**
2. **Set the contact output partition and online relay status;**

Click the Item “Fire mode” as shown below:



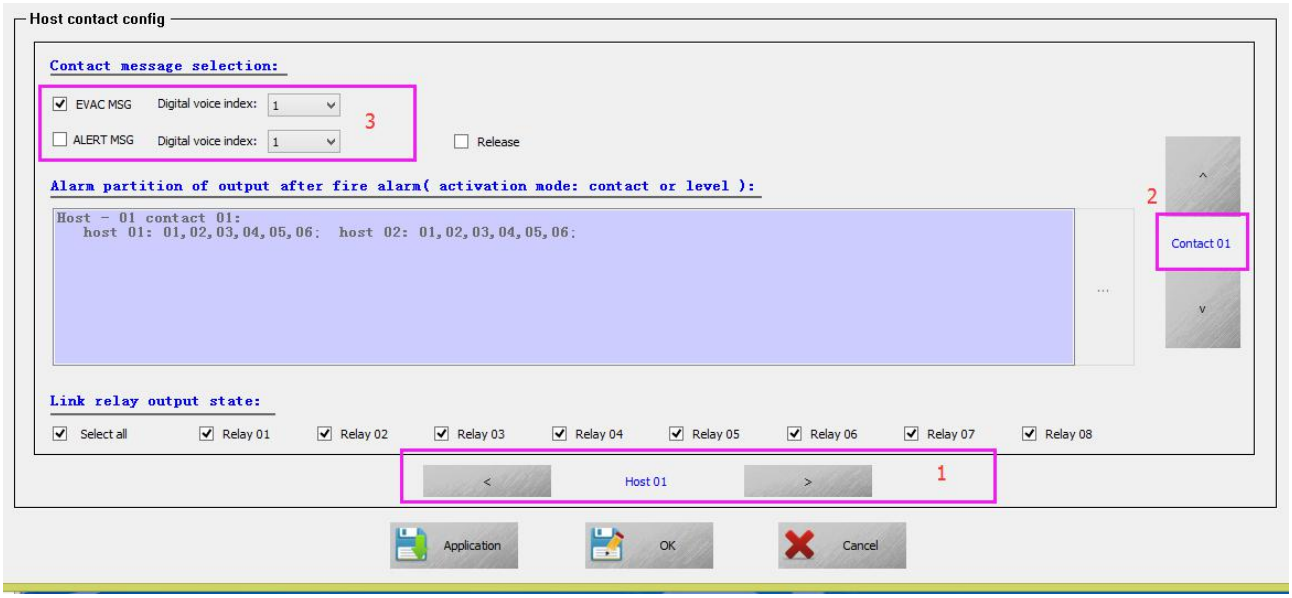
In the above figure:

（1）the user can select from a way:



"All zone" means that once the fire alarm is input from the "Trigger Inputs" of the host or the extended

host, wait for " " to set the delay time, output the EVAC voice information to all the partitions of the system, and output the EVAC information parameters The configuration of the corresponding contact is determined by the following figure:

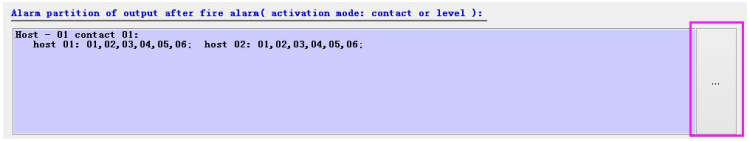


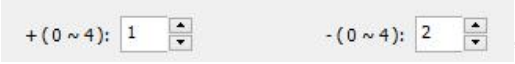
Contact set interface

"1" -> select the host set;

"2" -> set the host corresponding to the contacts;

"3" -> set the host corresponding to the contact type of voice playback and tracks:

(2)“Specify zone” Represents once from the host or extended host “Trigger Inputs” After entering the fire alarm, wait “ ” After setting the delay time, output the EVAC voice information “  ” The section listed in the list "users can click the button in the pink box on the right to set the output partition", and the EVAC information parameters of the output are determined by the "contact setting interface" above.

(3)“Neighboring mode” Once the "Trigger Inputs" from the host or extended host enter the fire alarm signal, wait “ ” After setting the delay time, output the EVAC voice information to the corresponding partition of the current contact, and Play the Play mode in the right image：play time “Specify the time to play” repeat time“Specifies the number of times to play”and “  ”up“1”down“2”play ALERT message，repeat and repeat till fire alarm message.

Note：

(1). Different contacts choose different types of EVAC, such as the contact 01 of the host 01 1 selected EVAC, contact 2 selected ALERT, after the trigger, the final high-priority voice type

will play, low priority voice will Will stop
(2). Different contacts select the same type of voice information, after the trigger of the voice information will not play, but after the trigger fire will be superimposed on the output of EVAC voice information;
(3) When "Alarm mode" is selected as: "Neighboring mode", EVAC and ALERT information must be selected, the user can not modify, has triggered the partition system automatically superimposed on the current output of the fire zone;

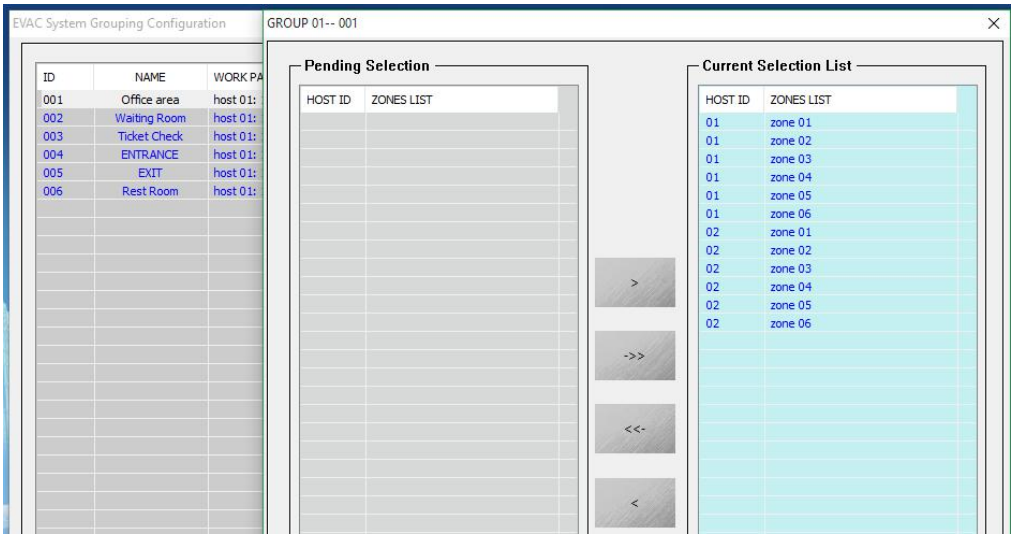
Precaution: after completing the modification, please click the “Application”. Otherwise, your setting cannot achieve your expected purpose in the corresponding equipment.

2.4.3.3.3. Grouping Configuration of the System

Click “Group” in “SYSTEM CONFIGURATION”, as shown below:

Notes:

1. “ID” is a number automatically generated by the system, without any practical significance;
2. “NAME” is used for the user to take a meaningful sign for the groups he has configured, which facilitates the memory of operations, for example, the groups can be configured as shown below (system default value is “GROUP 01...). The user double-clicks the corresponding item to enter the Edit Status (at most 12 valid characters). Press the “Enter” on the keyboard to quickly enter the next group;
3. “WORK PARTITION” lists the partition list (zone list) contained by the current groups. The user can double-click this item to carry out the addition and deletion of the sub-groups:



① The currently edited partition number is displayed in the upper left corner of the dialog box;

② On the left side is the area for selection, namely, the zone list of current system, and on the right side is the partitions contained by current groups. You can realize the continuous and discontinuous selections by double-clicking the corresponding partition or through the combination keys of “Shift” or “Ctrl”, and also add or delete the selections through the intermediate operation button.

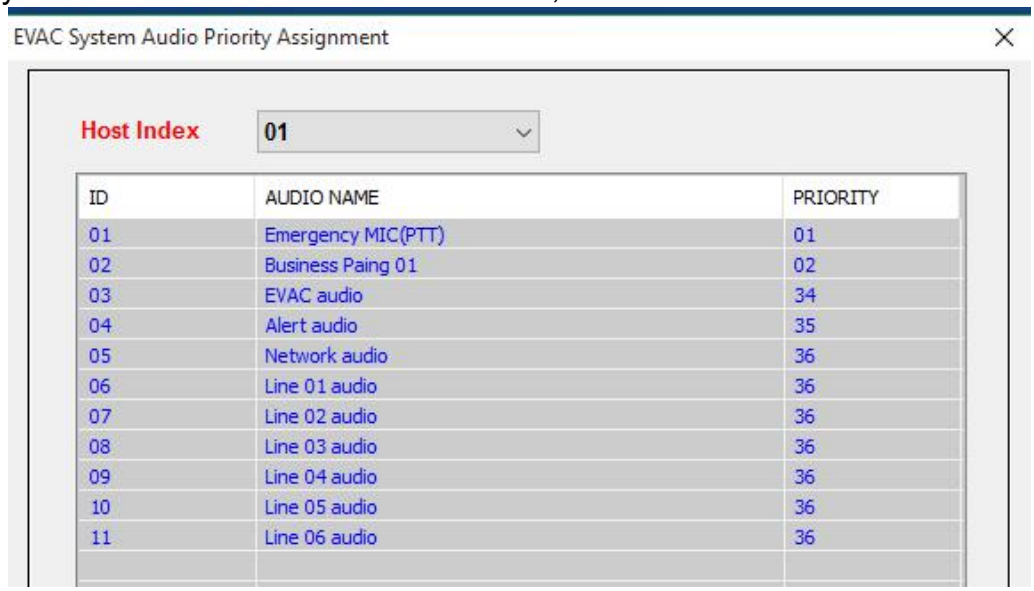
③ “>” and “<” are the operation of single partition or zone. “>” is to add the system partitions on the left into the current groups and “<” means an reverse operation, namely, delete the selected partition from the current groups;

④ “<<” and “>>” are to delete all partition of current groups and add all current system partitions into the current group, respectively.

Precaution: after completing the modification, please click the “Application”. Otherwise, your setting cannot achieve your expected purpose in the corresponding equipment.

2.4.3.3.4. Configuration of Audio Priority of the System

Click “Audio priority” in the “SYSTEM CONFIGURATION”, as shown below:



In the above figure:

① “ID” is the number automatically added by the system, without any practical significance;

② “AUDIO NAME” is the audio in the host equipment;

③ “PRIORITY” is the priority of corresponding audio, and it also directly affect whether the current audio has the sufficient output authority. The user shall take care of it while modifying it. The setting in the above figure belongs to the default setting of the system.

Notes:

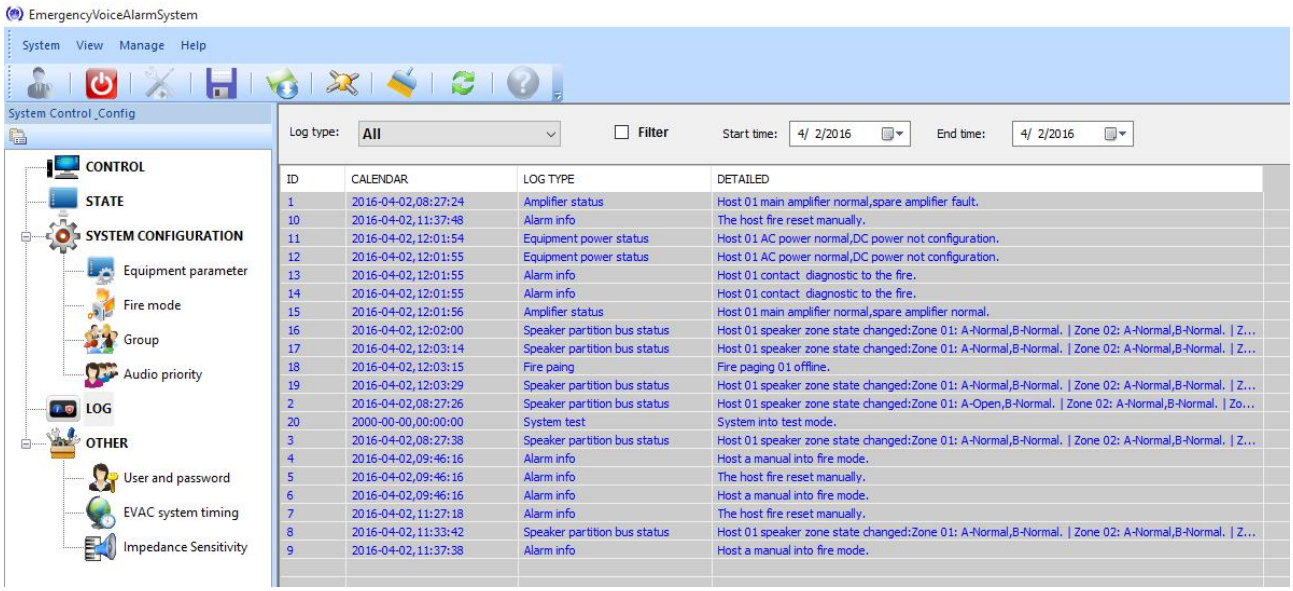
1. The user can achieve the online or offline configuration of system parameters or save them as “*.cfg” files for backup by clicking “ ”;

2. The user can import the backup system configuration parameters through the “ ” —— it is

required to manually synchronize them after the import.

2.4.3.4. Log Query of Equipment Modules

Click “LOG” as shown below:



Notes:

① “ID” is a random number, without practical significance;

② “CALENDAR” refers to the date of recording this module;

③ “LOG TYPE” refers to the type of this log (it is used for filtration in case of a lot of logs. Quick view is available);

④ “DETAILED” refers to the detailed contents of current log.

Description:

The user can classify and specify the time frame for view through the “Log Type” and subsequent

, and in addition, the user can save the current log as the spreadsheet by clicking the **in the toolbar.**

2.4.3.5. “OTHER” (Other settings)

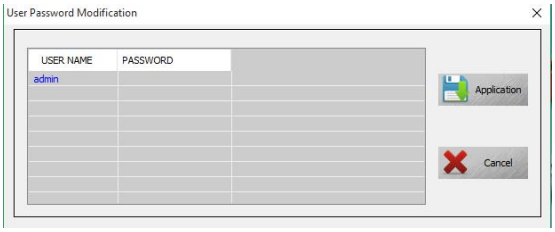
1. Modify the user password;
2. Calibrate the time of system host;
3. Adjust the impedance error of system speaker partitions;

1. Modify the user password:

① Click the “User and password” to pop up the

. The user shall enter the login password (the system will automatically exit from this operation when the user enters the wrong password);

② The system will pop up the following window after the user enters the correct password:



Notes:

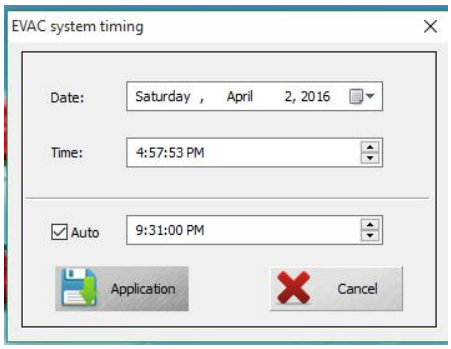
① "USER NAME" refers to the user name for current user to log in the system. Double-click to enter the edit mode;

② "PASSWORD" refers to the user password for current user to log in the system. Double-click to enter the edit mode;

Precaution: after completing the modification, please click the "Application". Otherwise, your setting cannot achieve your expected purpose in the corresponding equipment.

2. Calibrate the Time of System Host

Click "EVAC system timing" to pop up:



Note:

① "Data" & "Time" refer to the date and time. the displayed time is the current computer time;

② "Auto" refers to the time used for EVAC6000 to automatically calibrate the host time.

Precaution: after completing the modification, please click the "Application". Otherwise, your setting cannot achieve your expected purpose in the corresponding equipment.

3. Adjust Impedance Error of System Speaker Partitions

Click "EVAC system timing" and select the error range allowed by current speaker circuit in the pop-up window drop-down list box (it can appropriately increase this percentage in case of any error report of speaker circuit).

● Precautions

1) Do not install the equipment in direct sunlight or near a heater because it may enter the protection state and stop the operation due to deformation, fading and high temperature;
2) Do not install or store the system equipment in a dusty and humid place, otherwise it may cause the operating stability and intermittent fault of the system equipment;
3) The system equipment shall be away as far as possible from the equipment with a strong magnetic field to prevent the high electromagnetic interference from affecting the normal operation of the system equipment;
4) Please ensure a appropriate spacing between the equipment or devices for a good ventilation and heat dissipation when many EVAC6500Es are mounted in the same cabinet in the system configuration;
5) The remote microphone (EVAC6006) provides the 24V phantom power supply. Please shorten the length of cables when the EVAC6500 indicator light becomes darker or fails to work normally (it is normal for five types of wires/cables after field test of 600m. it is noted that this length of 600m refers to the total length of loop rather than the length of single equipment or device);
6) The main system equipment lines are all back up, so please conduct the configurations according to the actual needs. In case of any serious fault, resulting in that the system fails to operate normally, please feel free to contact the after-sales service personnel of this company for repair and treatment. Do not attempt to disassemble the built-in parts for repair and maintenance to prevent the permanent damage of the equipment or modules and avoid the electric shock accidents;
7) Please make sure of a good grounding for the equipment in order to ensure the reliable operation of the equipment.