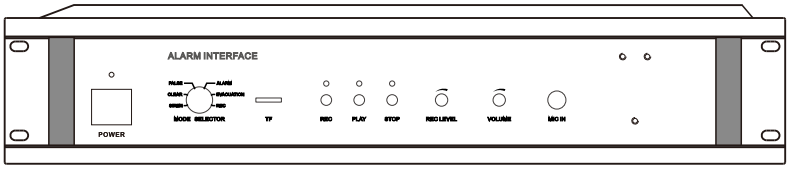
User Manual



ALARM INTERFACE

Thank you for purchasing the Alarm Interface.
Please carefully follow the instructions in this manual to ensure long, trouble-free use of the equipment.

Accessories

AC power cord 1
User manual 1
AUX cable..... 1
TF card..... 1
Fireman's microphone holder 1
Fireman's microphone..... 1

Safety Precautions



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

⚠ CAUTION Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.

Installation Notes

1.This amplifier is used in PA system, should be lay in the good ventilation place, do not lay in the surrounding of high temperature.

2.Do not expose the equipment under the rain or the surrounding with water and other liquid, so as not to cause fire or electric shock.

3.Please use under specified voltage(AC200~240V,50/60Hz).It maybe cause fire or electric shock when the voltage value higher than the specified.

4.Do not cut off or change the power cable, so as not to cause damage, additional, do not let the power cable near the heater, also do not lay the heavy object which include the equipment on the cable. so as not to cause fire or electric shock.

5.After finishing speaker connection, please be sure to recover the protection cover in the output port. because it can reach to 100V output voltage in the output port, so do not touch the these ports, so as not to be electric shock. And these ports can not as the power of other equipments.

6.Do not install or lay this equipment on the location of instability, such as shaking or skew of the table, lest equipment falling and causing injury to persons or damage to equipment and property.

7.If the hand is wet, please do not use hand directly to insert or pull out the power plug, it may cause electric shock.

8.If you want to pull out the power plug, be sure to hold the plug, do not hold cable. when the power cable damaged, using this equipment maybe cause fire or electric shock.

9.If you want to move the equipment, please be sure to pull out the plug from the socket.

10.Do not block the ventilation place on the equipment shell , otherwise it may cause internal overheating and fire.

11.Do not install this equipment in the place where has humidity, more dust, direct sunlight, heater, soot, vapor, otherwise it may cause fire and electric shock.

Operation Notes

1.This equipment has passed the strict inspection, however, you should turn off the power, pull out the power plug when discover some following anomalies in case, and contact the dealer.

A.If smelled smoke and peculiar smell which set out from the equipment.

B.If water or any metal immerge or fall into the equipment.

C.If the equipment fell or the shell damaged.

D.If the power cable damaged.

E.If the equipment failed.

F.If the equipment distorted badly.

2.This equipment contains high voltage components, please do not arbitrarily open, so as not to cause fire or electric shock, if need to maintain, please contact dealer or professionals to handle

3.Do not lay liquid container or metal on the equipment top, if they fall into the equipment, it may cause fire or electric shock

4.Do not fall metal or flammable object into the ventilation slot, so as not to cause fire or electric shock. Do not touch the power plug when thundering and fulmination, so as not to cause injury of electric shock .

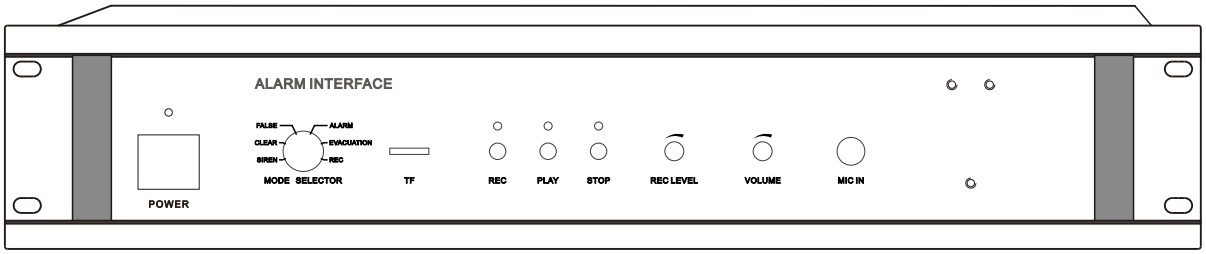
5.Do not lay heavy object on the equipment top, so as to avoid falling or damage, and even cause injury to persons or damage to equipment and property, in addition, heavy object falling itself may cause injury or damage.

6.If found voice distortion situation, please do not operate this equipment for long time, this is also a fault alarm message, if use unceasingly ,it may cause overheating and fire.

7.To clean equipment, please contact with the dealer, if the dust accumulated in the equipment for long time, it may cause fire or damage.

8.Lay this equipment on a stable location, and make a appropriate treatment to prevent falling, otherwise it may cause the equipment falling, and cause injury to persons or damage to equipment and property.

9.So as to avoid the inner temperature to rise, the equipment should be 10 centimeter far from the barrier.



Descriptions & Features

The Alarm Interface is used in a public address system to produce an alarm sound either by an emergency signal through connection to a fire alarm system or by manual operation on front panel,it can output 6 different messages (Siren,Clear,Alarm,False,Evacuation,Recording).

※ Produces an alarm sound automatically when activated by an external signal or manually by the knobs and pushbuttons on front panel.

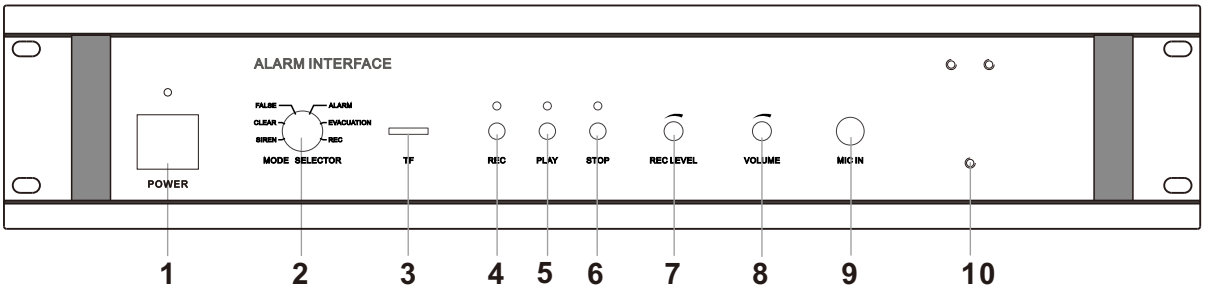
※ Can output 5 pre-loaded messages and 1 recorded message.

※ A shipped 8G TF/SD card ready to be uploaded with the 4 messages of

Clear,Alarm,False,Evacuation and ready to store1 Record message.

※ A handy microphone is available on the front panel.

Front panel



1. Power switch: Switch on/off the device.

2. Mode selector knob:

This knob allows to select the one of six different messages as:

Siren,Clear,Alarm,False,Evacuation,Record.

Please refer to the page 6 for more information.

3. TF card port: Allows to insert TF card (A 8G TF card included).

4. REC: When in the mode of "**REC**",being connected with a MIC. via rear panel "MIC INPUT" or another audio source via rear panel "LINE INPUT", push this button "**REC**" to record the message wanted.

5. PLAY: By pushing this button,the device will output the message.

6. STOP: By pushing this button,the device will stop outputting message.

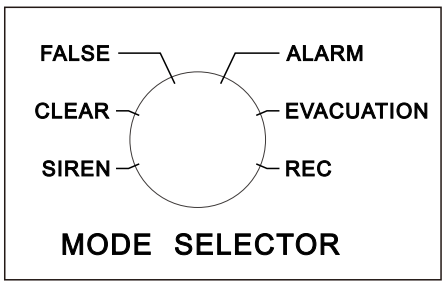
7. REC LEVEL: To adjust the input volume of recording.

8. VOLUME: To adjust the output volume of the device.

9. MIC IN: This 6.35 jack allows to insert a fireman's microphone.

10. These eyelets allow to fix the fireman's microphone holder.

Notes of six audio messages:

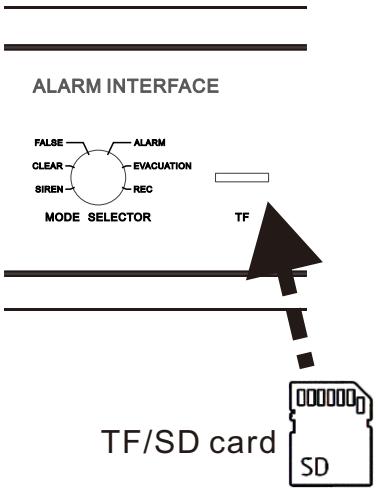


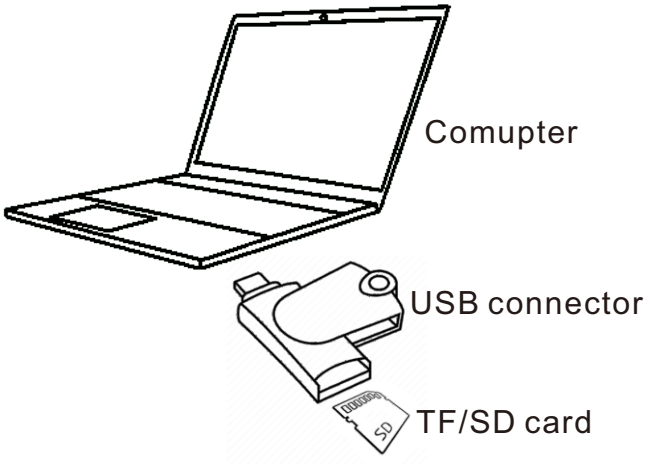
Select the desired audio message by rotating the mode knob,then press the button "PLAY" to play the selected audio message,press the button "STOP" to stop playing.

Please refer to the page 6 for more information.

1. Insert the shipped TF card through the TF slot on the front panel of this unit,five files of Clear,Alarm,False,Evacuation,Record will be created automatically.

2. Connect the TF card with computer to upload the desired audio message.





REC: This is used to store the recorded audio through this unit.

EVACUATION:
User can take the TF card out from this unit,and use it on computer to upload desired audio message like below one:
Attention please,there is an emergency in this building, please don't be panic, choose the nearest stairs or exit to evacuate immediately!

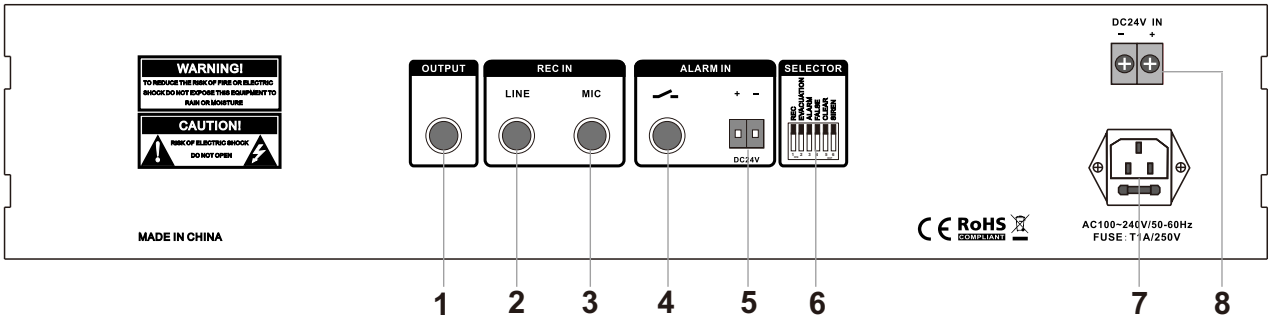
FALSE:
User can take the TF card out from this unit,and use it on computer to upload desired audio message like below one:
Attention please,this alarm is caused by equipment failure. Everything in this building is normal. Please restore normal working order. We apologize for the inconvenience caused, thank you!

ALARM:
User can take the TF card out from this unit,and use it on computer to upload desired audio message like below one:
Attention please, the emergency alarm broadcast has been activated, we are investigating the situation, please remain calm and wait for further instructions, thank you!

CLEAR:
User can take the TF card out from this unit,and use it on computer to upload desired audio message like below one:
Attention please, the emergency has been ruled out, please resume normal working order, thank you for your cooperation!

SIREN: This is factory default tone built-in with this unit.

Rear panel



1. OUTPUT:

Connect this terminal to the “Alarm Input” on the amplifier.

2. LINE REC IN: Allows to connect an audio source device to make record.

3. MIC REC IN: Allows to connect a microphone to make record.

Remark: After connect the audio source device or microphone,please make sure that the alarm interface is in the mode of “**REC**”,then push the “**REC**” button to start the recording.

4. ALARM INPUT (6.35 Jack):

Allows to receive the signal of **short-circuit current** from the fire alarm system.

5. ALARM INPUT (2-pin terminal block):

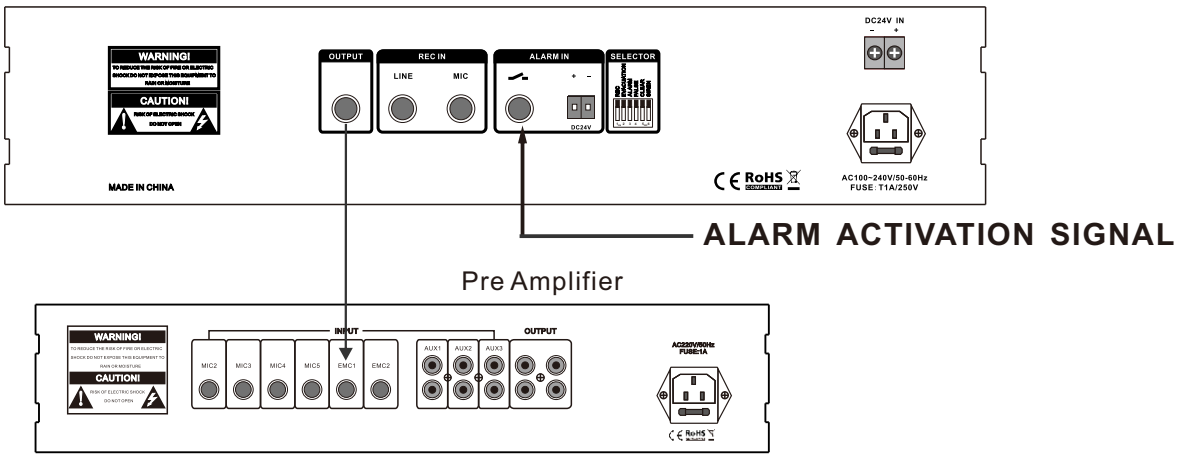
Allows to receive the **24V DC** signal from the fire alarm system.

6. MESSAGE SELECTOR:

Allows to select the message desired to be played automatically once the device receives the alarm activation signal form the fire alarm system.

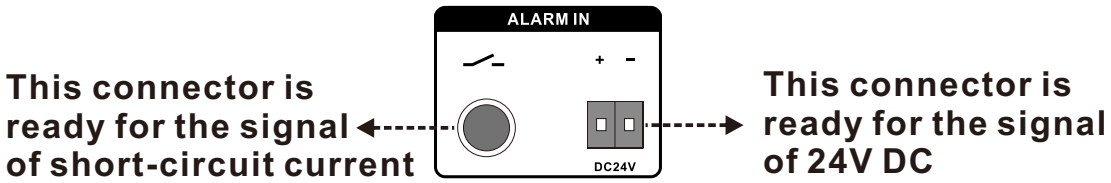
(Please refer to the page 5 & 6 for more information)

Connection Illustration

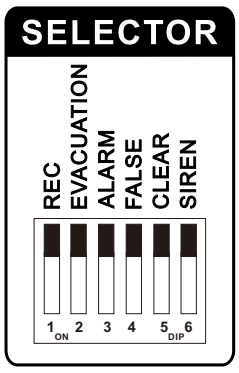


Notes:

1. Normally there are two kinds of alarm activation signal,they are **short-circuit current** and **24V DC signal**, please make sure which one the fire alarm system outputs, then make correct connection with the alarm interface.



2. Please select the message desired to be played automatically once the device receives the alarm activation signal form the fire alarm system.



As left figure,there are totally six different audio messages, in the same time user only can choose one of them to be as automatically broadcasted message once this unit is activated by the alarm input signal.
Select the message by push the corresponding DIP switch down.

Specifications

Model	
Accessory	Handy microphone SD card (8G) Removable terminal plug (2pins) Power cable
Message Announcement	Siren,Clear,Alarm,False,Evacution,Record
Alarm Input	Short-circuit current (6.35 jack) 24V DC (removable terminal block, 2pins)
Record Input	Line input (6.35 jack):<400mV,10K Ohms Mic input (6.35 jack): <600mV,600 Ohms
Audio Output	>200mV
Volume Control	Mic record volume control Audio output volume control
Frequency Response	20Hz - 20kHz, ±3 dB
T.H.D	<0.01% at 1kHz
Memory System	SD data transfer from front panel
Recording Time	No limit,depends on the capacity of SD card File created in one minute is 3M approximately
Operatinq Temperature	0℃ to +40℃
Power Cable	(3x0.75mm2)x1.5m, 3pins
Power Supply	AC110~240V 50/60HZ 24V DC
Dimension	89(H) X 483(W) X 366(D) mm
Weight	6.00 kg

NOTE:



CAUTION: Do not open the equipment cover arbitrarily, so as not to electric shock. Please contact the professionals to maintian if necessary.

The products are constantly improving, subject to change without prior notice.