

Asenware Installation Guide

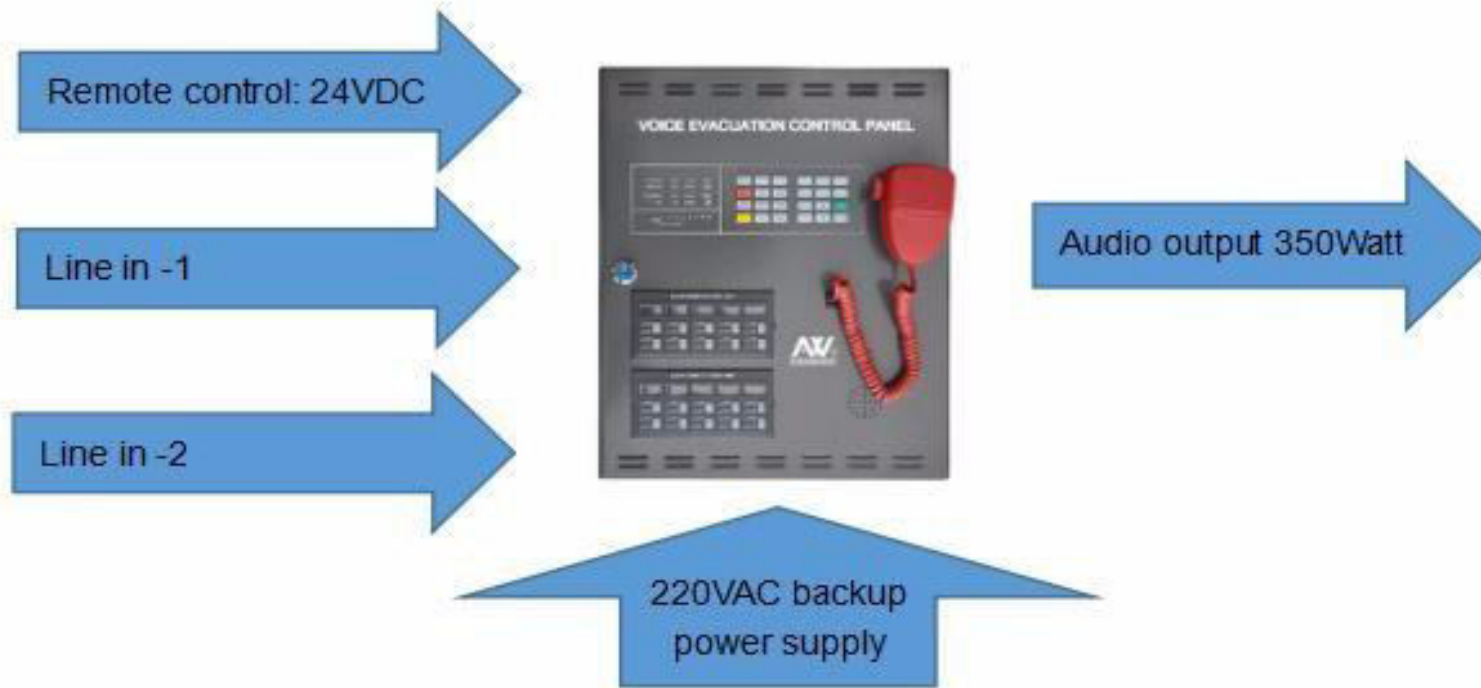
AW-VP350

VOICE EVACUATION CONTROL SYSTEM

2021-08-12

ASENWARE LTD

AW-VP350 FIRE EMERGENCY BROADCASTING



System wire diagram 1:standalone mode

CONTENT

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I. Basic Parameters

Lights

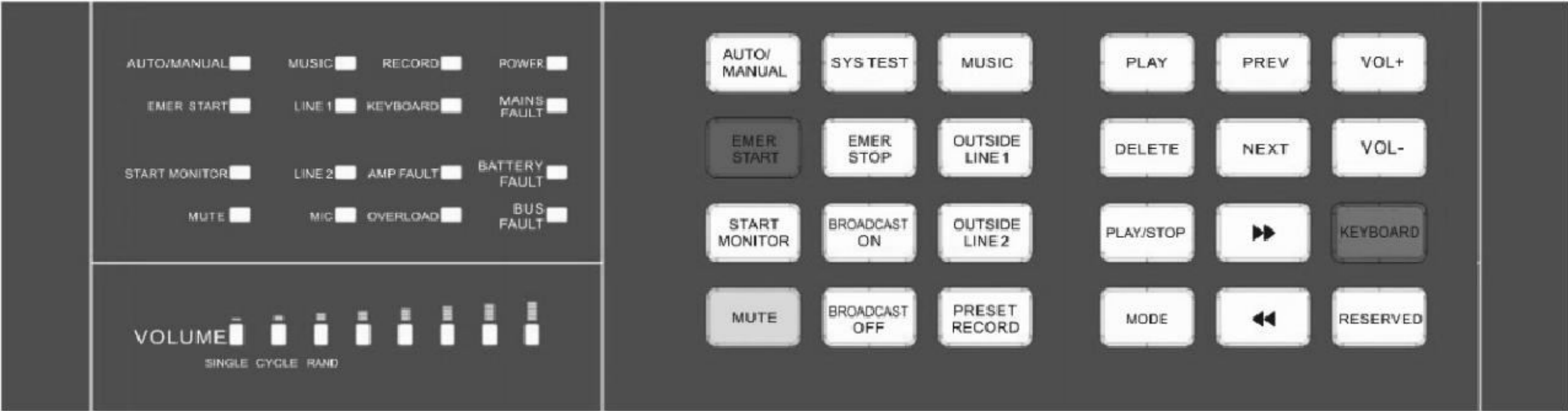
<u>Indicator light</u>	<u>Color</u>	<u>Describe</u>
AUTO/MANUAL	Green	Automatic/manual mode switching .
EMER START	Green	On: the system plays an emergency broadcast; Blinks: waiting to be played. Off: exits to the standby state.
LINE1 / LINE2	Green	Input an external sound source to the local unit
START MONITOR	Green	Used to listen for voice transmitter.
AMP FULT	Yellow	When the power amplifier feedback fault signal is detected.
OVERLOAD	Yellow	When the power amplifier feedback overload signal is detected.
BUS FAULT	Yellow	Put back the trunk open circuit, SMS signal in the controller.

Product Overview



<u>Content</u>	<u>Technical parameters</u>
Rated output power:	350W
Maximum output power:	350W*0.6
Rated output voltage	120V(Constant pressure)
Remote trigger mode	24V Level trigger

Button and the light



Description of front panel indicators

Indicator	Color	Description
Power	Green	Normally on when system is normally provided with power.
Call	Red	The indicator is normally on when an extension is calling or the host is calling extension, and remains off in other cases.
Communication	Red	The indicator is normally on when the host and extension are communicating, and remains off in other cases.
Mute	Green	In case of extension calling or failure, press "Mute" and the indicator is normally on, and remains off in other cases.
Standby power failure	Yellow	The indicator is normally on if no standby power is connected, and remains off in other cases.
Recording/Playba	Green	The indicator is normally on during communication or

ck		broadcasting recording, and remains off in other cases.
Storage failure	Yellow	The indicator will flash in the event of internal memory shortage less than 10%, and is normally on when recording is full, namely when the internal memory is 0, and remains off in other cases.
Bus failure	Yellow	The indicator is normally on in case of bus short/open circuit, and remains off in other cases.
Extension failure	Yellow	The indicator is normally on in case of extension address loss or repeated code, and remains off in other cases.
Mains failure	Yellow	The indicator is normally on in case of abnormal mains power condition, and remains off in other cases.

II. Related Products

Related Products



AW-VP350

Voice Evacuation Control Panel



AW-SP01

3W Ceiling Speaker



AW-SP02

6W Ceiling Speaker



AW-SP03

10W Wall Mounted Speaker



AW-SP04

15W Waterproof Horn Speaker



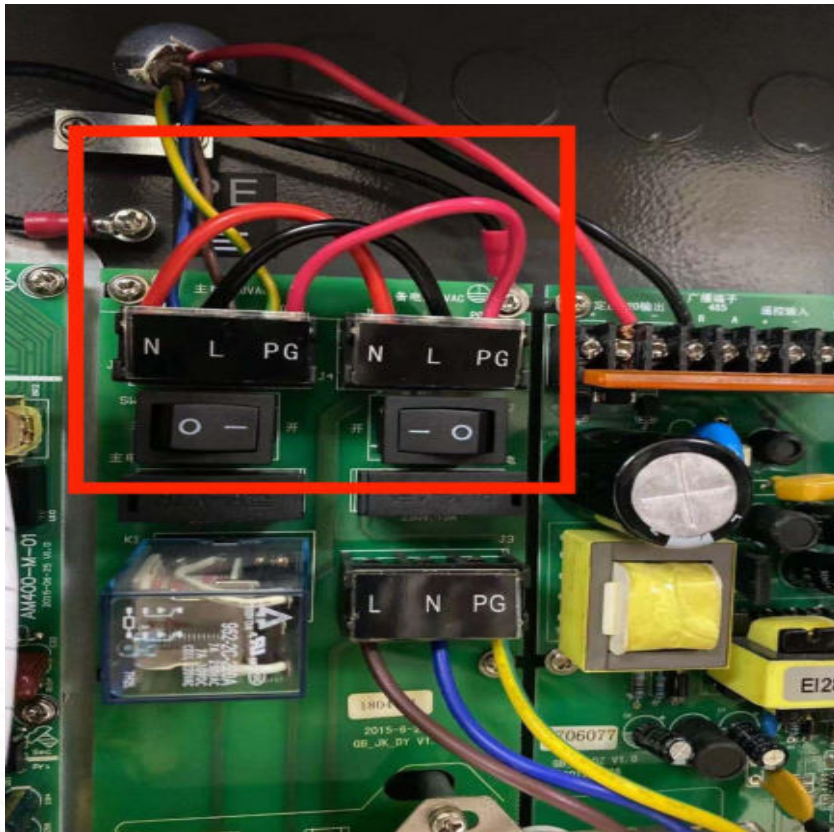
AW-SP05

30W Waterproof Horn Speaker

III. System wire diagram

System wire diagram 1: standalone mode

01 / Power cable connection:



(1) connect the 220V ac power cable to the **220V terminal of the main power supply.**

(2) connect the **standby power** output to the **standby 220V terminal.**

✓ Pay attention to the N/L/PE sequence.

02 / Output cable connection:



When the external audio source input, please use **high-quality shielded cable** to connect the **external audio source** and "outside line 1", "outside line 2".

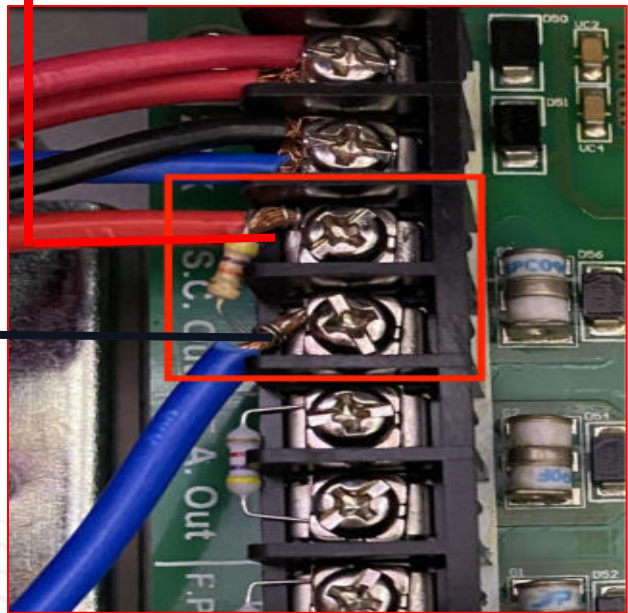
System wire diagram 2: Network mode



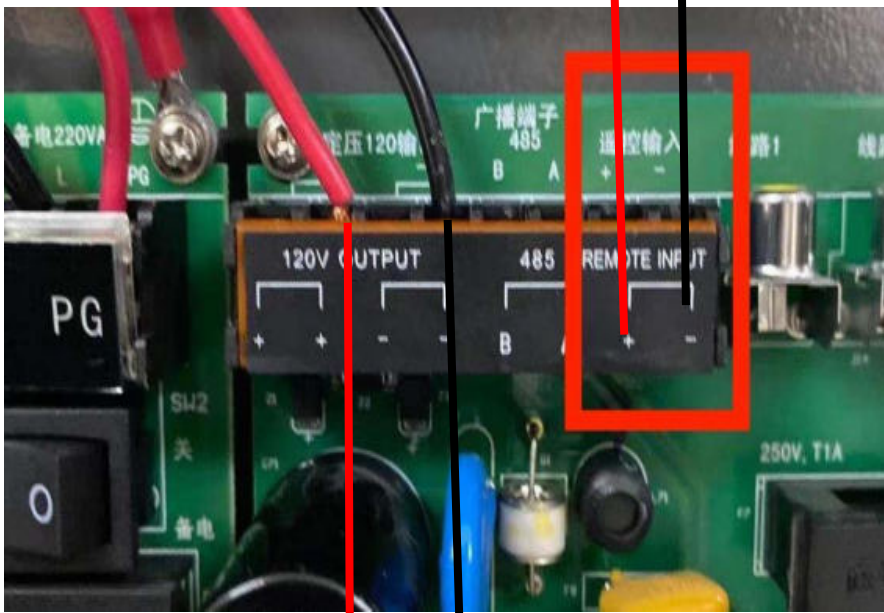
01

Maximum output power:350W*0.6.
The maximum connection of 3W Ceiling Speaker:70

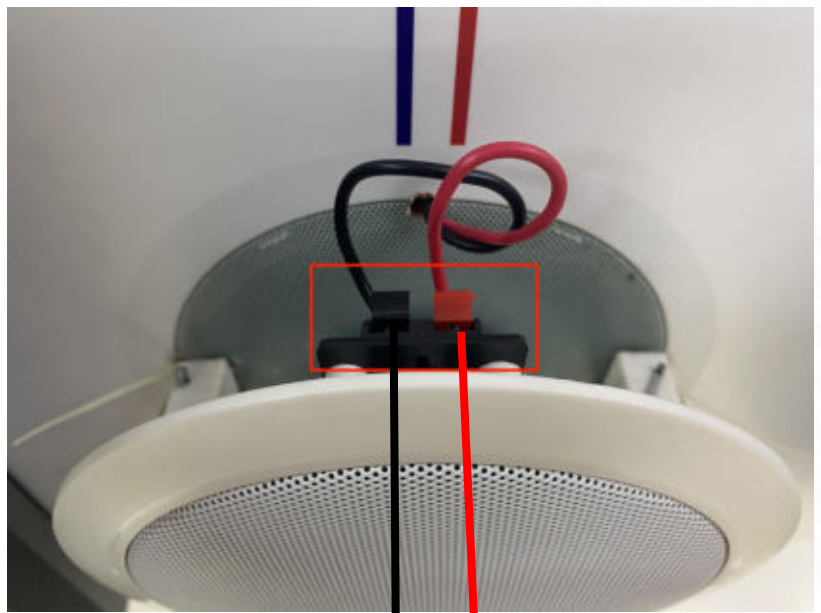
Normal FP300 Panel and
broadcasting system connection.



FP300 PANEL



BROADCASTING PANEL



3W Ceiling Speaker

02

Plus a IO module and ready to connect more output devices.

Maximum output power: Depends on the relay ac voltage of 60%

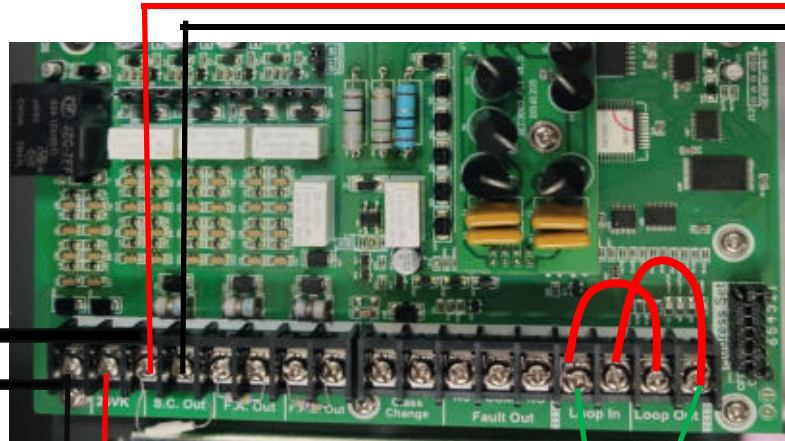


FP300 PANEL

(the 4.7k end of line resistor must still be connected.)

S.C. Out:

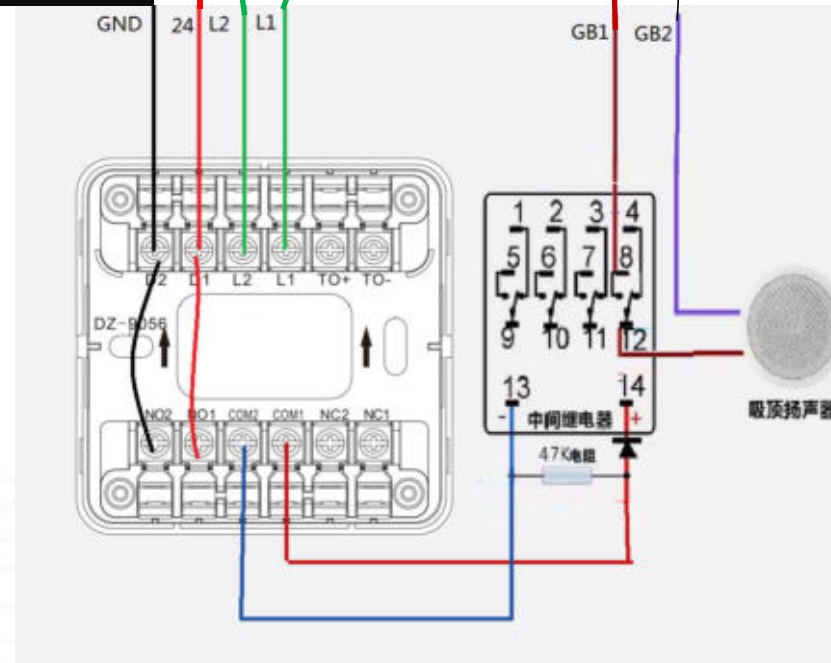
24V:



BROADCASTING
PANEL



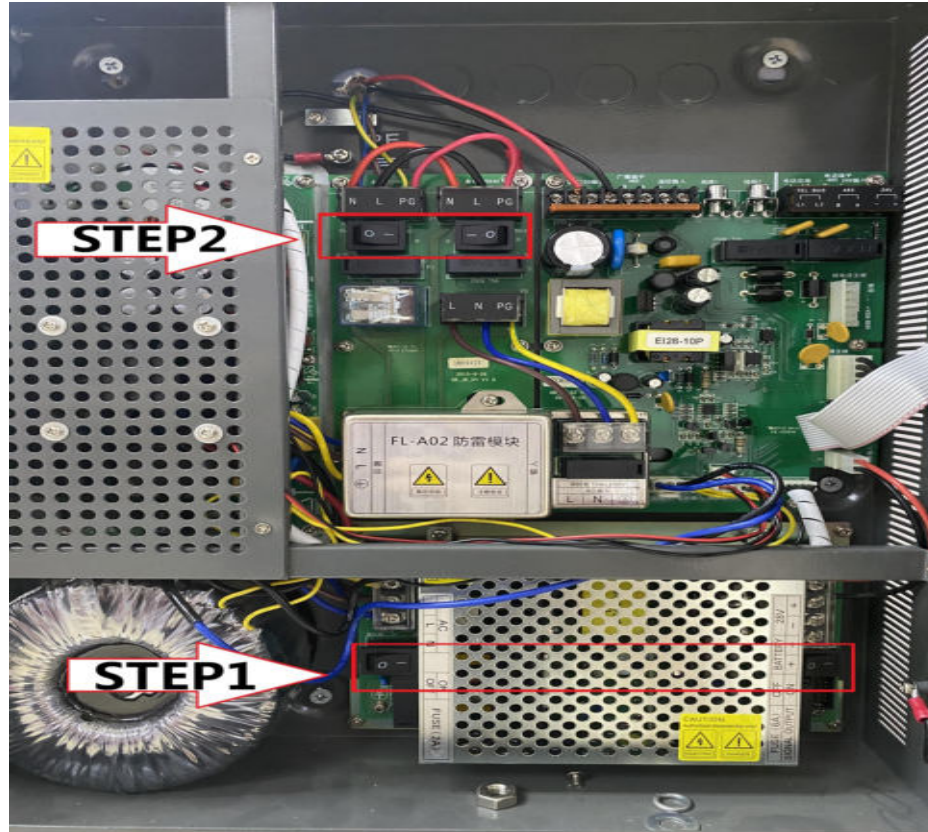
IO Module



3W Ceiling
Speaker

IV. How to use

01 / Start switch



STEP1: Turn on the **24V power supply**
STEP2: Turn on the **220V power supply**



Then, The **power** indicator (green) is on.

02 / Enter the emergency broadcast state:



Enter the emergency broadcast state:

Automatic mode: When the external fire alarm signal is received, it will enter automatically .

Manual mode: In non-emergency state, press the "Emergency Start" button to enter .

Stop emergency: press the "EMER STOP" button

03 / Phone broadcast function



Press the microphone

(The "Microphone" indicator lights up.)

1) Non-emergency broadcast status:

The alarm sound will be interrupted;

Will not trigger the recording.

2) Emergency broadcast status:

The alarm sound will be interrupted ,
enter the state of emergency recording.

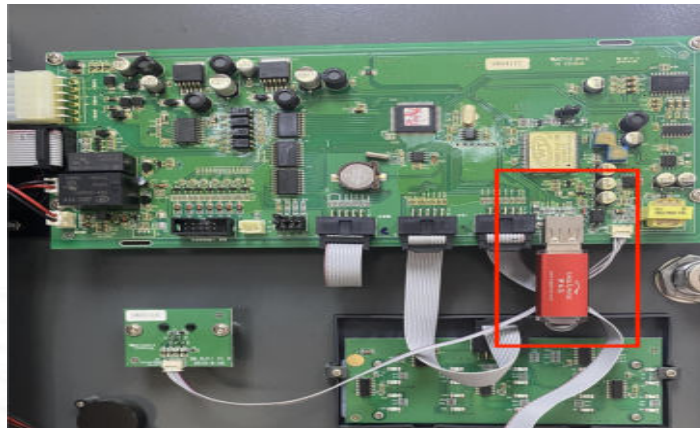
Released the microphone, the **"recording"** indicator blinks
and the recording stops automatically

04 / Play the music(Insert U disk)



Insert U disk

1. Press the **"KEYBOARD"** key.
2. Press the **"MUSIC"** key.
3. Pause/play music:press the **"PLAY/STOP"** key.
4. Switch song:



05 / Recording



Start the recording:

1. At the same time long press "PRESET RECORD" and "MODE" key.
2. the "RECORD" light will turn green.
3. Press the microphone to record, release the microphone to pause the recording.

End of the recording: At the same time long press "PRESET RECORD" and "MODE" key.

You need to restart the panel for the recording to be saved

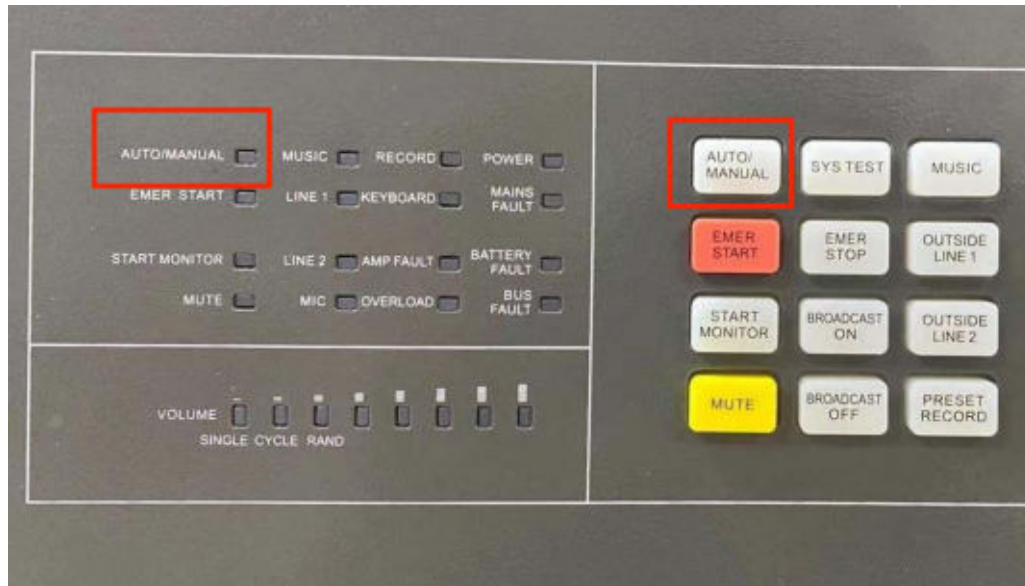


06 / Play Recording



- **Press the "Play" button:** Play the emergency broadcast microphone recording in a list loop.
- **Press "Play " again:** Exit the emergency broadcast recording.
- If you **press the microphone** in the audition state, a new round of recording will be made and the original recording will be automatically overwritten.
- **Delete racording:** Press the "Delete" key in the recording waiting state.

07 / Automatic hand switching function



- **Change the manual mode to automatic mode:**
press "Auto /Manual "button.The"Auto /Manual “ light changes from on to off.(Be effective in emergency and non-emergency state)
- **Change the automatic mode to manual mode:**
press "Auto /Manual "button.The"Auto /Manual “ light changes from off to on.(Only in case of emergency)

08 / KEYBOARD



- Under the state of lock key, the **"keyboard"** indicator is off, and all keys are invalid except the **"MUTE"** key.
- When the **"KEYBOARD"** key is pressed, the **"keyboard"** indicator is steady on, and all keys are available for operation

09 / MONITOR AND SYSTEM TEST



- **MONITOR:** Press the button of “**START MONITOR**”, can turn on or off the listening function.
- **SYS TEST:** Press “**SYS TEST**” button, check the indicating device and alarm device, and automatically exit to the state before self-test after the inspection is completed.

THANKS