

Technical data may be changed without prior notice



LY International Electronics Co., Ltd.

Address: Room 1206, No.26 Jinlong Road, Nansha District, Guangzhou, China

Post Code: 511457

Tel: +86-20-39390663

Website: [www.lyintlcorp.com](http://www.lyintlcorp.com)

## M-9101 Smart Paging Station



Operation Instructions

## Precautions for safety

**Warning!** In order to reduce the risks in electric shock or damage to equipment, please conform to the following requirements:

- Make sure to use the separate three-core power socket with the grounding wire.
- Prevent the extrusion to, knotting of or damage to the power line; in case of the damage to the power line, please contact the dealer immediately; the product shall not be electrified and used unless the power line is replaced; otherwise, it is likely to cause the electric shock or even the fire.
- When repairing or cleaning the surface of the product, the power plug must be pulled out.
- When pulling out the power plug, do not pull the power line directly in order to prevent the break of the line, or even the electric shock; it is prohibited to place the combustible and explosive substances near the product in order to prevent the explosion and fire.
- The non-professional person is prohibited to open the equipment.

## Contents

<b>Introduction</b>	3
<b>Profile of Product</b>	3
Characteristics of Product	3
Product Information	4
Dimension of Product	5
<b>Technical Parameters</b>	5
<b>Operation Instructions to Software</b>	6
User Login	5
User Interface	6
Function Panel	7
Play Songs	8
System Settings	8
Partition Management	9
Group Management	9
Microphone Settings	9
Backlight Settings	9
Subject Settings	10
User Management	11
Paging Log	11
Other Settings	12
<b>Packing List</b>	12

## Introduction

Thank you for your use of our address loudspeaker series products. All the products from us are subject to the stringent test prior to the delivery and honor the quality commitment. As an ideal choice of the public address loudspeaker, our public address loudspeaker is widely used in school, gymnasium, square and venue, park, parking lot, railway station, airport, villa community, shopping mall and supermarket, and other places.

For your convenience in installation, debugging, and use of this product, please read the operation instructions carefully prior to the installation.

## Profile of Product

As a kind of network hi-fi paging station based on TCP/IP transmission protocol, the smart paging station can be linked to anywhere reachable to the network, so as to achieve the paging to and control of 200 partitions. With the same features of the high stability as the traditional paging station, the smart paging station is characterized by stable and reliable operation, low failure rate, fully digital signal transmission design, and the smart control oriented. The use of 7" TFT true-color LCD + capacitive touch screen can support the five-point touch control. The illustrated user operation interfaces show a higher degree of humanization. In addition to the auxiliary input and output channels, there is the built-in player developed by the Company independently, which is used to achieve the local monitoring of the host programs.

## Characteristics of Product

- 7" TFT true-color LCD + capacitive touch screen, supporting five-point touch control.
- Controlling up to 200 partitions, with the function of opening all partitions by touching one button.
- The function of partition paging and group partition.
- Displaying the partition and group to be focused on as required.
- Checking the information on status of the partition.
- With the function of multi-section level indication, resulting in more intuitive paging sound pressure.
- Broadcasting the songs in the program database of the host to the partitions.
- With the function of keeping every paging record.

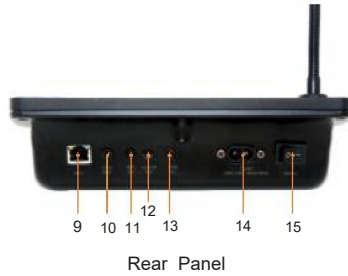
- The microphone will be turned off automatically in case of no signal input within the set period of time.
- The lightening time and illumination of the backlight of the screen are adjustable to achieve the energy-saving operation.
- The management of user password and authority.
- Supporting the remote upgrading pushed by the host.
- Supporting the switchover among different languages, such as Simplified Chinese and English.

## Product Information



Front Panel

1. Microphone (Do not strike and hit when handling the product)
2. Microphone indicator lamp ring (This lamp ring will be enabled only if the microphone is turned on for paging; when paging all the partitions, it shall be enabled simultaneously with the microphone switch key indicator lamp. If not all the partitions are paged, only the lamp ring is lighted, and microphone switch indicator lamp is not on)
3. Microphone lever (Angle may be adjusted freely)
4. Output level indicator lamp (The larger the MIC volume is, the more the indicator lamps of such level are on)
5. Power indicator lamp
6. Microphone indicator lamp (This indicator lamp is on when all the partitions are opened and any of the terminal is paged)
7. All partitions open/close (Used for operation of full open and full close of the partition)
8. Touch display screen



- 9. Network interface (10/100 M self-adaptive LAN interface, connecting network switch)
- 10. Line audio output interface (Used for local monitoring, connecting earphone or power amplifier equipment)
- 11. Microphone volume adjustment knob
- 12. Line input volume adjustment knob
- 13. Line audio input interface (Connecting player equipment, such as DVD player or tuner)
- 14. Power supply input interface (AC100 – 240V power supply input)
- 15. Power switch

### Dimension of Product



### Technical Parameters

Item	Specification	Parameter
AUX input	Input impedance	> 10KΩ
	Input sensitivity	0dB (1V)
	Frequency response	20Hz – 20kHz
AUX output	Output impedance	< 100KΩ
	Output amplitude	1.0±0.1V
	Frequency response	20Hz – 20kHz
	Degree of distortion	≤ 0.1%
MIC input	Signal-to-noise ratio	≥ 90dB
	Input sensitivity	40±10mV
	Degree of distortion	≤ 0.5%
	Effective frequency range restricted by gain (±3dB)	80Hz – 4kHz
Interface	Signal-to-noise ratio (30K low pass)	≥ 75dB
	Network interface	RJ45 10/100M self adaptation
	Audio input interface	3.5mm earphone jack
Other specification	Audio output interface	3.5mm earphone jack
	Input power supply	AC100 – 240v 50Hz/60Hz
	Working ambient temperature	-20 - +55°C
	Product dimension (mm)	150 x 240 x 65
	Net weight	1.28

## Operation Instructions to Software

### User Login

Upon each startup, the user login interface will appear; it is impossible to enter the paging interface to conduct the paging and other operations unless entering the correct user name and password and clicking the login.



Status Bar: To display the location of the interface, date, time, and software version number.

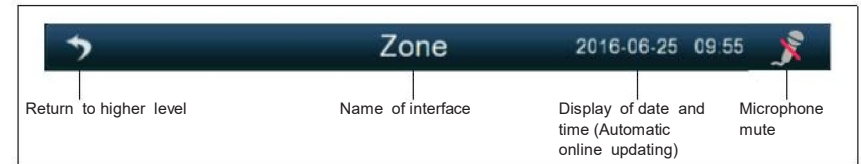
User Login Area: Pull down and select the user name under the user name field, and enter the password with the keyboard on the right side for login.

Input Keyboard Area: This keyboard is used for entering the password for user login, in which key C is used to clear all the characters in the password box, and  $\text{⌫}$  key is used to delete one character before the cursor.

### User Interface

After the successful login, enter the main interface, which shall be divided into the status bar zone, functional panel zone, detail zone, and volume adjustment bar.

(As shown in the figure below)



Status Bar

### Functional Panel

Paging: Touch and select the partitions to which the page will be published, and then touch the icon  $\text{🎤}$  for paging.

Partition/group: Touch the icon  $\text{📁}$  to switch over the partition or group.

Select all: Touch the icon  $\text{📄}$  to select all the partitions or groups.

Cancel: Touch the icon  $\text{✖}$  to cancel all the selections.

Stop: Touch the icon  $\text{🛑}$  to stop the paging to the selected partition or group.

Bell: It is used to publish the warning tone of the bell before publishing the paging.

First select the partition or group in which the bell tone will be played, and then touch the icon  $\text{🔔}$  to play the warning tone of the bell.

Song: Touch the icon  $\text{🎵}$  to enter the song on-demand interface. (Please see Play Song on Page 8 for details)

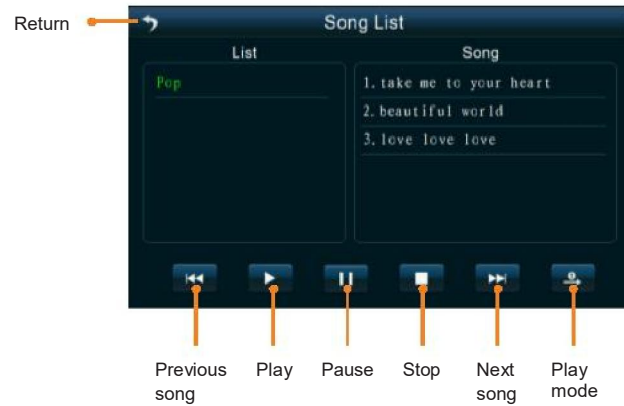
Mute: Touch the icon  $\text{🔇}$  to make the microphone mute, and then touch again to cancel the mute.



Unselected status

## Play Song

The “Play Song” is used to play the songs to the selected partition. Select the partition in which the bell tune will be played. Touch the icon “🎵” to enter the song on-demand interface as shown in the figure below.



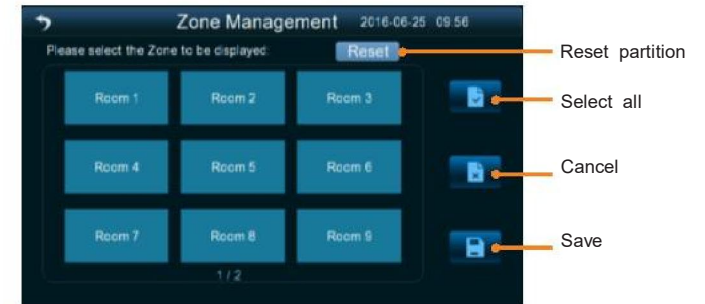
## System Settings

Touch the icon “⚙️” to enter the system setting interface as shown in the figure below.



## 1.Partition management

The “partition management” is used to display or not to display the partitions in the partition interface. Touch the icon “🌐” to enter the partition management interface. Select the partition to be displayed, and click to save as shown in the figure below.



## 2. Group management

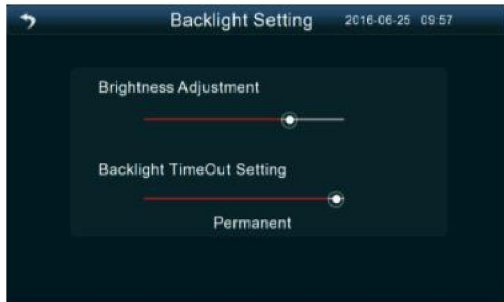
The “group management” is used to display or not to display the groups in the group interface. Touch the icon “👥” to enter the group management interface. The specific operations are the same as those for the partition management as shown in the figure above.

## 3. Microphone setting

The “microphone setting” is used to select the voice input mode. Touch the icon “🎤” to enter the microphone setting interface. When selecting the status “ON”, the enabling of the microphone takes priority over the line input. When selecting the status “OFF”, the microphone mixes the line input.

## 4. Backlight setting


The “backlight setting” is used to set the screen backlight brightness and screen backlight time. Touch the icon “💡” to enter the backlight setting interface as shown in the figure below.



Backlight brightness adjustment: Pull the slider to adjust the brightness.


Backlight time setting: Pull the slider to set the duration of the screen backlight time, including six settings such as “5 minutes”, “10 minutes”, “15 minutes”, “30 minutes”, “60 minutes”, and “permanent”.

### 5. Theme setting

Touch the icon “” to enter the theme setting interface. There are three optional styles for theme setting, including the elegant blue, agate red, and phantom black.




### 6. User management

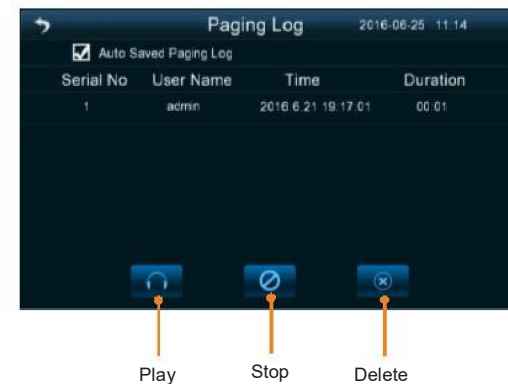
The “user management” is used to set the user information. Touch the icon “” to enter the user management interface as shown in the figure below.



Note: For the user for which the user authority is not checked, it is impossible to enter the system setting.


### 7. Paging log

The “paging log” is used to save the audio file record of the paging voice. Touch the icon “” to enter the paging log interface. Check the “automatically save paging record” to save all the paging records for every user.





### 8. Other settings

The “other settings” is used to set the output volume of the language of the line. Touch the icon “  ” to enter the other settings.

Adjustment of line output volume: Pull the slider to set the volume.

Selection of language: There are two optional languages including Simplified Chinese and English.

(The data may be changed without prior notice)

## Packing List

Component	Quantity
Smart paging station .....	1
Power line .....	1
Operation instructions .....	1
Certificate of quality .....	1
Warranty card .....	1