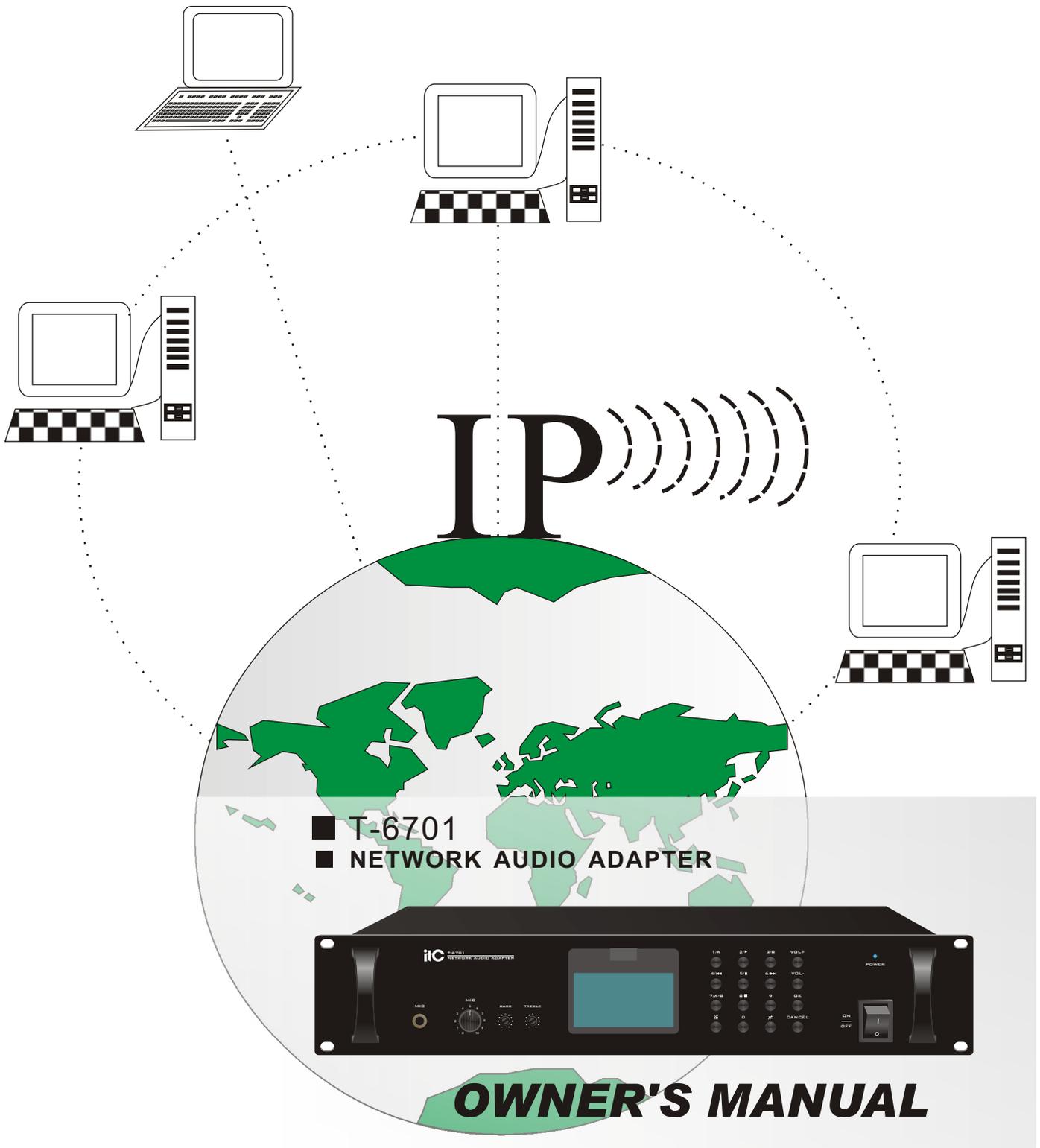


itC IP NETWORK PUBLIC ADDRESS SYSTEM



Please follow the instructions in this manual to obtain the optimum results from this unit.
We also recommend that you keep this manual handy for future reference.

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1. SAFETY PRECAUTIONS

- Be sure to read the instructions in this section carefully before use.
- Make sure to observe the instructions in this manual as the conventions of safety symbols and messages regarded as very important precautions are included.
- We also recommend you keep this instruction manual handy for future reference.

Safety Symbol and Message Conventions

Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety



WARNING

Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.



CAUTION

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



WARNING

When Installing the Unit

- Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.
- Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.
- Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, as doing so may result in fire or electric shock.
- Be sure to replace the unit's terminal cover after connection completion. Because high voltage is applied to the speaker terminals, never touch these terminals to avoid electric shock.
- Be sure to ground to the safety ground (earth) terminal to avoid electric shock. Never ground to a gas pipe as a catastrophic disaster may result.
- Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted surface. Doing so may result in the unit falling down, causing personal injury and/or property damage.

When the Unit is in Use

- Should the following irregularity be found during use, immediately switch off the power, disconnect the power supply plug from the AC outlet and contact your nearest **ITC** dealer. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.
 - If you detect smoke or a strange smell coming from the unit.
 - If water or any metallic object gets into the unit
 - If the unit falls, or the unit case breaks
 - If the power supply cord is damaged (exposure of the core, disconnection, etc.)
 - If it is malfunctioning (no tone sounds.)
- To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit. Refer all servicing to your nearest **ITC** dealer.
- Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.
- Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.

CAUTION

When Installing the Unit

- Never plug in nor remove the power supply plug with wet hands, as doing so may cause electric shock.
- When unplugging the power supply cord, be sure to grasp the power supply plug; never pull on the cord itself. Operating the unit with a damaged power supply cord may cause a fire or electric shock.
- When moving the unit, be sure to remove its power supply cord from the wall outlet. Moving the unit with the power cord connected to the outlet may cause damage to the power cord, resulting in fire or electric shock. When removing the power cord, be sure to hold its plug to pull.
- Do not block the ventilation slots in the unit's cover. Doing so may cause heat to build up inside the unit and result in fire.
- Avoid installing the unit in humid or dusty locations, in locations exposed to the direct sunlight, near the heaters, or in locations generating sooty smoke or steam as doing otherwise may result in fire or electric shock.

When the Unit is in Use

- Do not place heavy objects on the unit as this may cause it to fall or break which may result in personal injury and/or property damage. In addition, the object itself may fall off and cause injury and/or damage.
- Make sure that the volume control is set to minimum position before power is switched on. Loud noise produced at high volume when power is switched on can impair hearing.
- Do not operate the unit for an extended period of time with the sound distorting. This is an indication of a malfunction, which in turn can cause heat to generate and result in a fire.
- Contact your ITC dealer as to the cleaning. If dust is allowed to accumulate in the unit over a long period of time, a fire or damage to the unit may result.
- If dust accumulates on the power supply plug or in the wall AC outlet, a fire may result. Clean it periodically. In addition, insert the plug in the wall outlet securely.
- Switch off the power, and unplug the power supply plug from the AC outlet for safety purposes when cleaning or leaving the unit unused for 10 days or more. Doing otherwise may cause a fire or electric shock.

An all-pole mains switch with a contact separation of at least 3 mm in each pole shall be incorporated in the electrical installation of the building.

Due to product upgrades, while some of the features and specification in the user manual does not match the actual functions, sorry for any inconvenience and thanks for your kind understanding!

2. DESCRIPTION

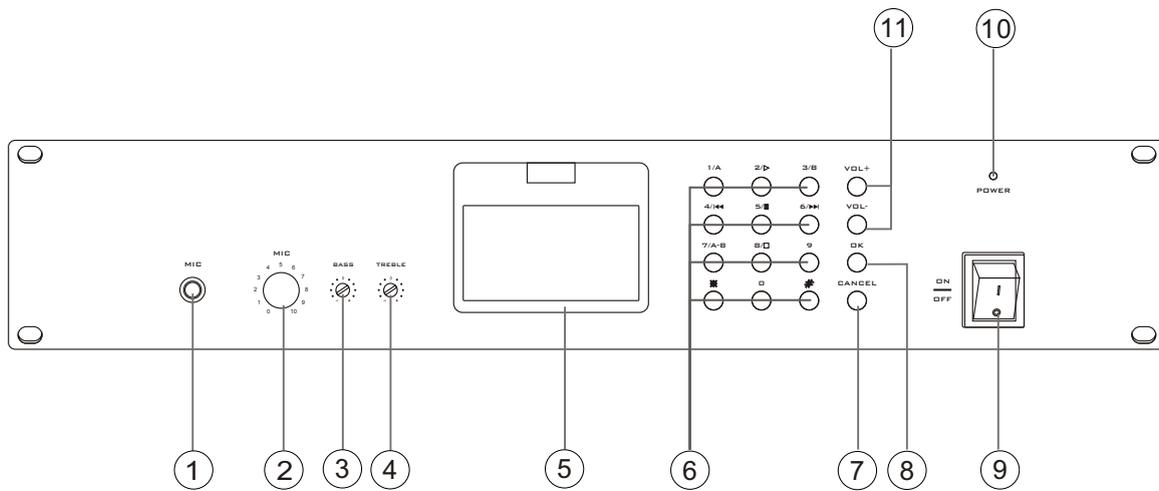
Rack-mount IP Network Adapter is mainly used for family, factory, school. Hospital store and other commercial application. With high quality and multi-function.

3. FEATURES

1. 3 inches LCD liquid crystal display, humanized human-computer interface.
2. Built-in single channel TCP/IP decoder.
3. 1 way obligate PC machine download address serial port terminal. Can adapt to different parts of the network address change.
4. Take the number keys, simple and quick operation.
5. built-in demand acquisition module, the realization of real-time signal acquisition function.
6. 4 channel 100V speaker inputs loop and 4 channel 3 wired volume control inputs.
7. 1 external line input (with volume control) and mic input.
8. With bass and treble tone control.
9. Automatically power off when no input for 3-5 minutes and automatically power on when signal feed into.
10. pre-set power management.
11. Built-in two level signal priority
 - A. Local signal priority: local input signal priority, and priority can be preset, network music have the effect of background music.
 - B. Emergency broadcast priority: emergency broadcast priority input, radio signal will be automatically shut down local input signal, emergency broadcast signal broadcast network.

4. NOMENCLATURE AND FUNCTIONS

● FRONT PANEL



1. MIC INPUT

2. MIC VOLUME CONTROL

3. BASS

Adjust bass response. Rotate clockwise to increase bass output and anticlockwise to reduce it.

4. TREBLE

Adjust treble response. Rotate clockwise to increase treble output and anticlockwise to reduce it.

5. Display

Display the current working all operating functions

6. Number keys (0-9)

(1) Digital key /the beginning of repeat

(2) Number/ play button

(3) Number/the ending of repeat

(4) Number/last

(5) Number/ Pause

(6) Number/next

(7) Number/repeat

7. "Cancel"key

8. "ok"key

9. POWER SWITCH

On top of the opening Power

Press the end, power shut down

10. power Indicator

11. Volume adjustment

● NOTE POWER SWITCH

1. Power Switch:

(1) switch up to fight, the power to start; "ON" indicator light.

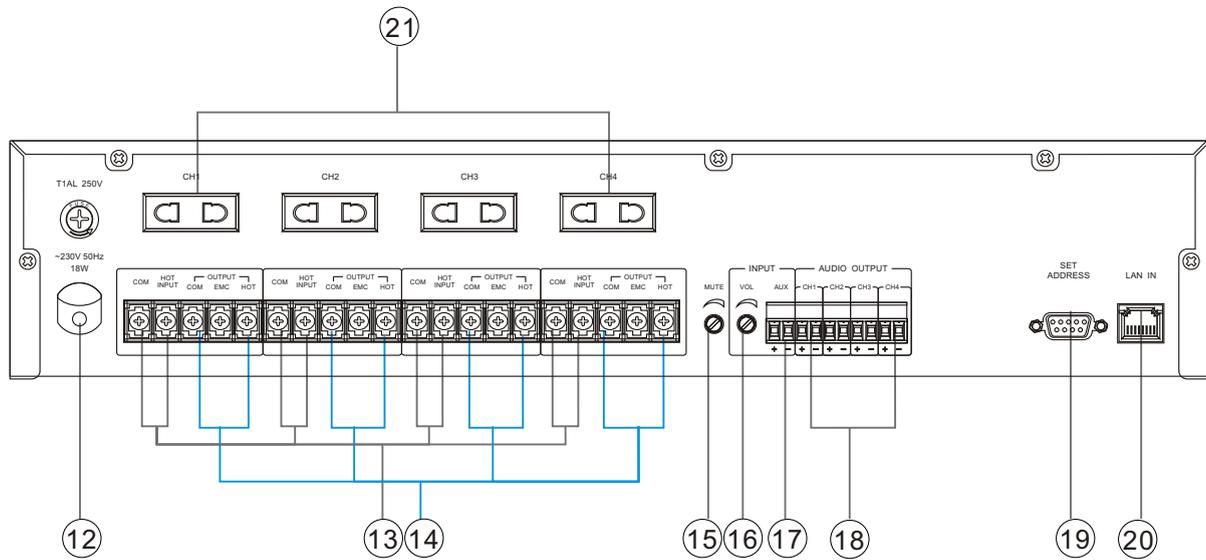
(2) switch down play, power-down; "ON" lights out.

2. Power switch for the unipolar switch , switch off state , power equipment and power

grids are not entirely disconnected, unused equipment must be set unplug the power plug.

4. NOMENCLATURE AND FUNCTIONS

● REAR PANEL



12. ~220-240V 50/60HZ POWER INPUT

13. Signal input port
Connectors for 100V speaker

14. Short signal input

15. Mute function
Mute volume adjustment

16. Volume adjustment
Adjust volume

17. Aux Input

18. Audio output

output to other line, such as amplifier

19. terminal configuration

Connect with PC main serial port

20. (LAN) cyber input

Connect with PC main unit/ network/
Switcher

21. Independent power output,
corresponding to four independent channels

5. OPERATION

- Connect the "TERMINAL" on this terminal and "TERMINAL" on the computer with a serial cable or convert into a USB port, click "start" button and then choose the "All programs", find "LTRONIK intelligent network broadcasting" and select "terminal configuration program 2.36", run the software program, open Configuration dialog box to open the terminal in Figure 1, in the way for the serial port connection, click "Search" dialog box appears as shown in Figure 2.

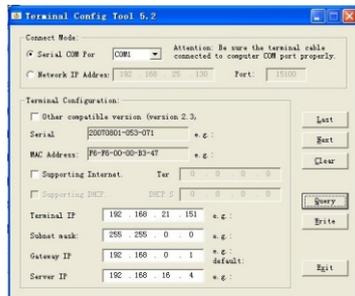


Figure 1

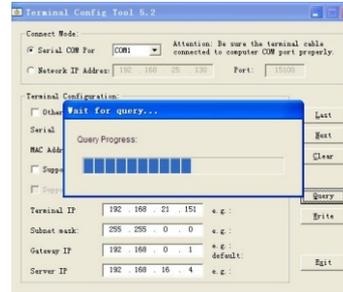


Figure 2

Queries (if terminal configuration) is completed, confirm the IP address, input the correct address (such as: 192.168.1.100), the dialog box appears as shown in Figure 3. Confirm the correct IP address, click "input", write complete Recognized IP address, the dialog box appears as shown in Figure 4 (terminal configuration will automatically obtain the physical address of the MAC).

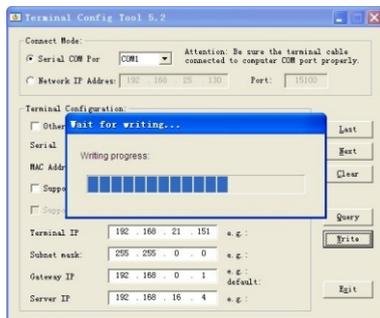


Figure 3

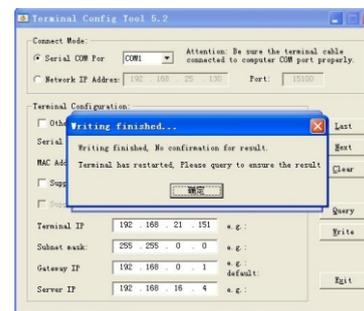


Figure 4

Click "OK", change the connection way to "network", and input the same IP address same as that in the IP address bar in the Figure 5. click "Query", when Inquiry is completed, the dialog box appears as shown in Figure 6. The terminal configuration is successful.

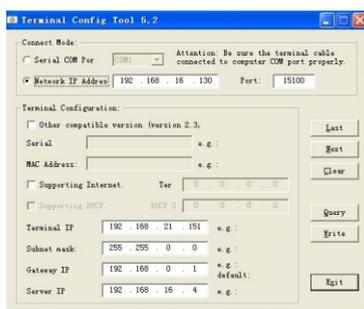


Figure 5

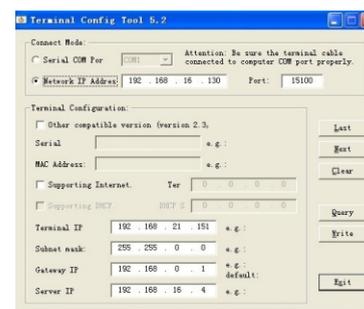


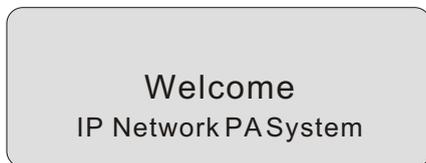
Figure 6

OPERATION

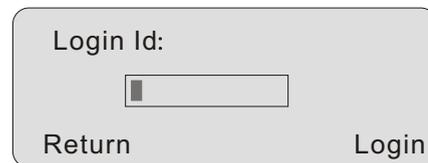
- IP network broadcasting system settings:
In the "Terminal Configuration", choose one terminal, and make the intercom code to be the call center, then when push the "call" button, the intercom between two terminals starts.



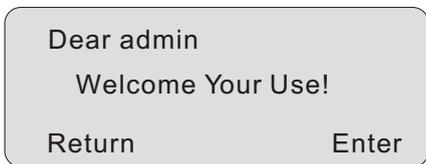
- Display interface operation
1. Enter the menu interface
(1) Start the machine
the LCD displays as below:



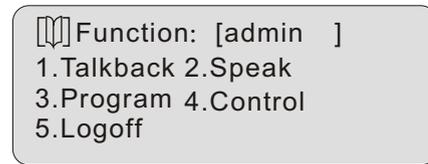
- (2) push the AFFIRM button, comes the following interface:



- (3) Input log Number (the number setted in main server, eg:001), push the AFFIRM button, comes the following interface



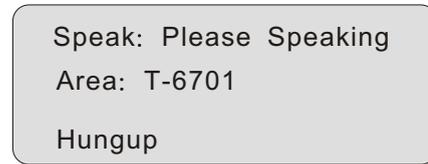
- (4) push the AFFIRM button, comes the following interface:



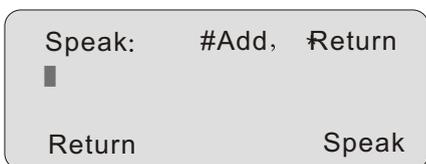
- 2. Dial Intercom
(1) Choose the dial intercom and push the AFFIRM button, comes the following interface:



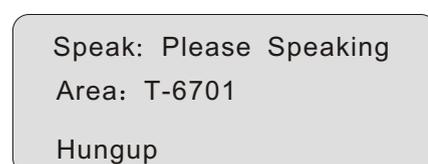
- (2) Input the terminal number that you want to talk to, then push the AFFIRM button, then start the call:



- 3. Paging speech:
(1) Choose page function and push the AFFIRM button, comes the following interface:



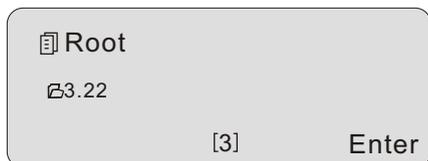
- (2) You can input single or multiple terminals, when input multiple terminals please separate them with "#", then push AFFIRM button, then you can talk:



OPERATION

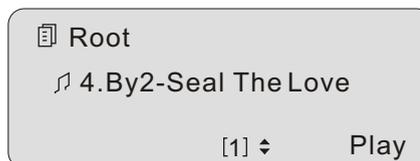
4. On-demand play:(when the system is in paging mode,this function is not available)

(1)choose on-demand play in the menu, press the AFFIRM button then comes to the following interface:



(2)Press the AFFIRM again, comes the following interface:

choose the program with the up-down select button:

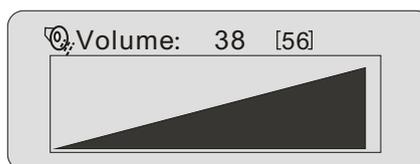


5.Broadcast Control:

(1)choose the broadcast button, then press AFFIRM button, then comes the following interface.



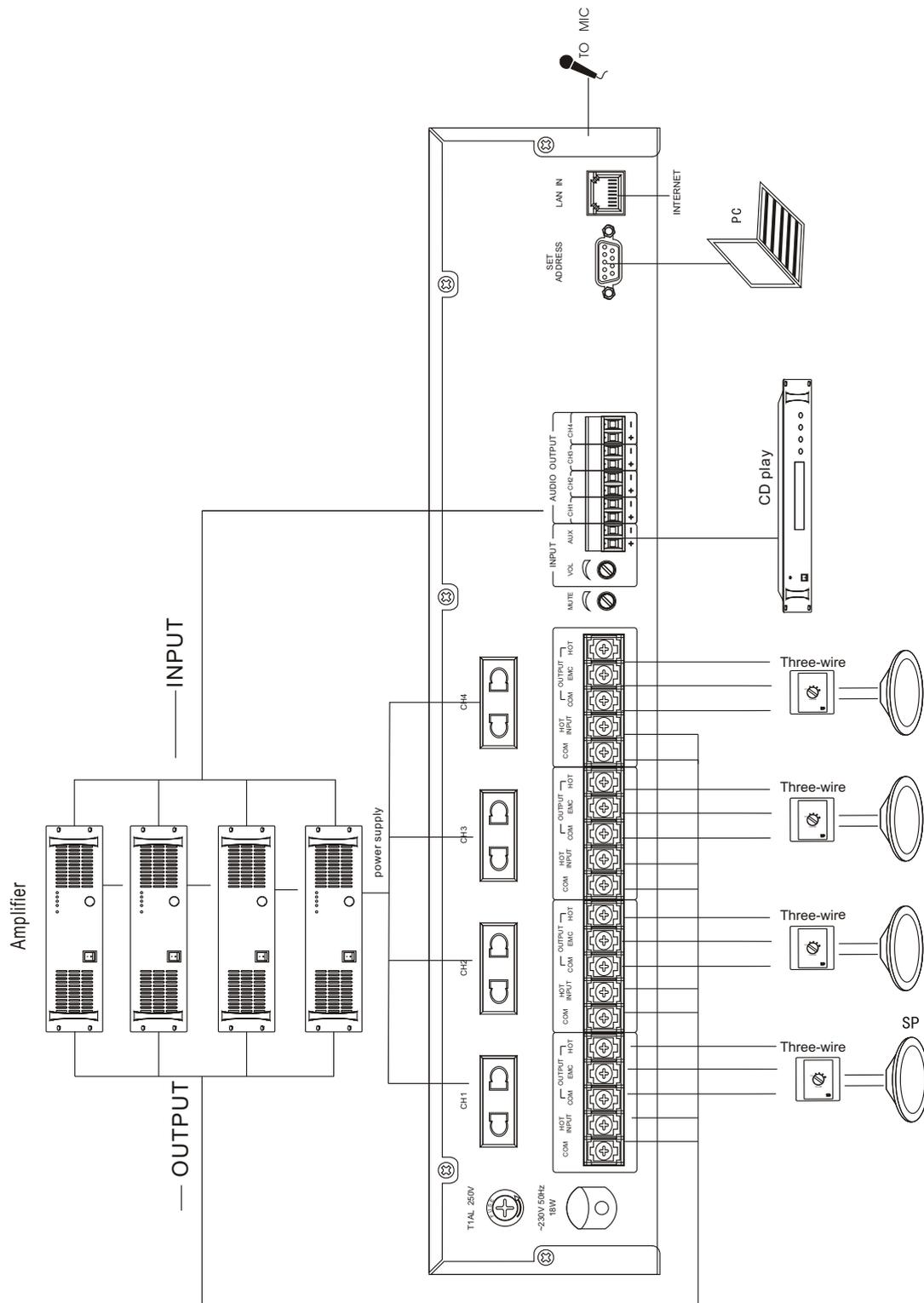
(2)Press the volume control button, as the following interface shows can control the volume:



6. Sign out

choose sign out button, press AFFIRM to go back to the start window.

6.APPLICATIONS

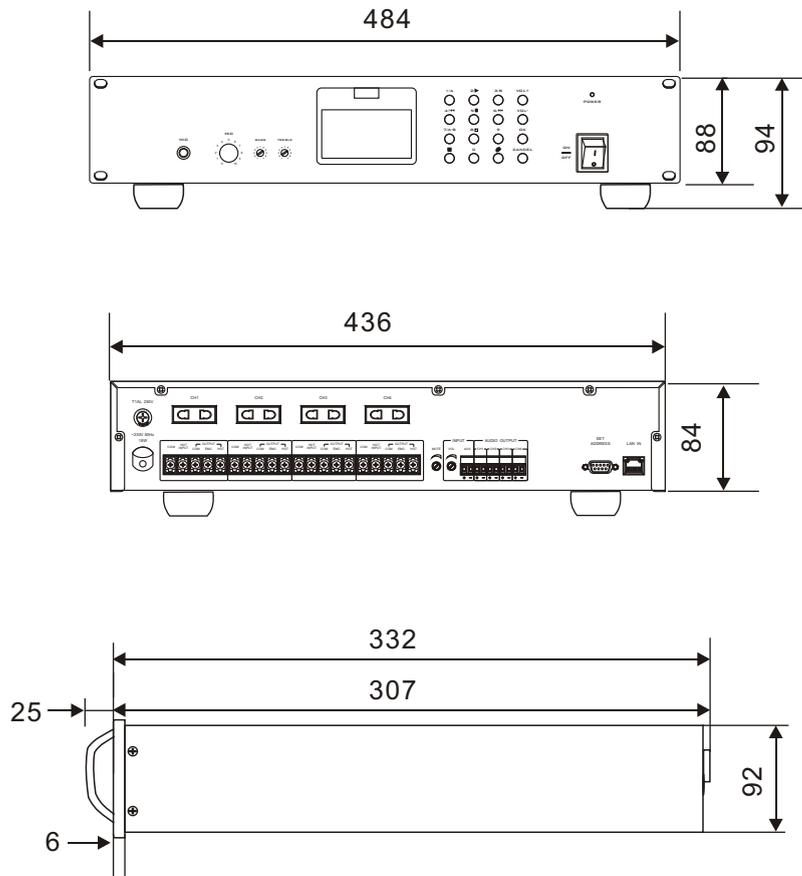


7.SPECIFICATIONS

Network Input	Standard RJ45
Protocol Support	TCP/IP, UDP, IGMP
Audio Format	Mp3
Sampling Rate	8K-48KHz
Transmit Speed	10/100Mbps
Audio Format	16 digit stereo CD tone
Frequency Output	20Hz~16KHz
T.H.D	≤3%
S.N	>70dB
Aux Line Voltage Input	2×400mV Industrial Standard Screw terminals
Sources Voltage Output	8×775mV Industrial Standard Screw terminals
Source Impedance Output	1KΩ
Compulsive Input	0V Industrial Standard Screw terminals
Power Control Output	0V Industrial Standard Screw terminals
Program Control Output	0V Industrial Standard Screw terminals
Working Temperature	5℃~40℃
Working Humidity	20%~80%
Power Consumption	≤40W
Power Supply	~220-240V 50/60Hz
Dimension	484X353X88mm
N.W	8Kg

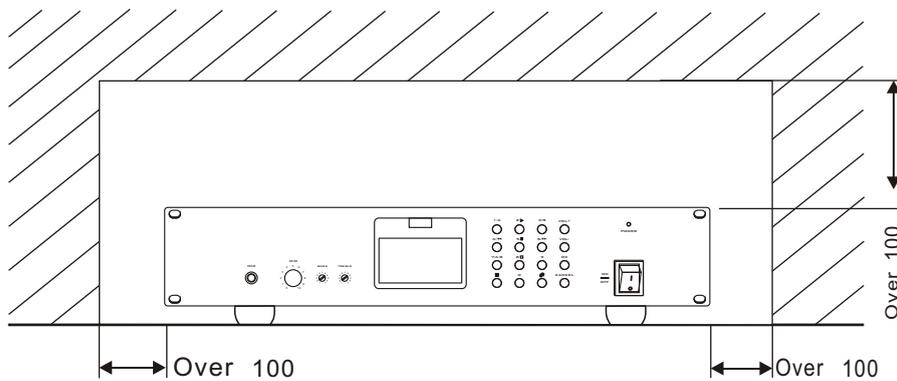
8. DIMENSIONAL DIAGRAM

UNIT:mm



Keep the unit's all sides over 10 cm away from objects that may obstruct air flow to prevent the unit's internal temperature rise.

UNIT:mm



IP NETWORK PUBLIC ADDRESS SYSTEM

VersionV0.1

