



## Public Address Controller

### Single Slot Extended Controller

**CNS6410**

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# User Manual

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Thank you for using our public address system. Please read this User Manual carefully to make better use of this equipment.

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## **About this User Manual**

**This User Manual is available and effective upon completion of development of the CNS6410 Single Slot Extended Controller. The User Manual includes system description, matters needing attentions in use, instructions on system connection, instructions on use of product and technical specifications of the network address center. Please read this User Manual carefully before connection, installation and use and operate in accordance with corresponding instructions in the Manual.**



This symbol on the rear panel indicates matters needing attentions, please use or operate the product in accordance with corresponding instructions.

**Please keep this User Manual in good custody for future use.**

# Matters needing attention

Please read the following before operating the product.

## Warning

The following basic requirements must be strictly observed, to avoid potential personal injury and equipment or property damages to you or any person nearby. The basic requirements include without limitation to the following:

### Power source/power cable

- Please disconnect the device from power source by pulling the plug other than the power cord. Pulling the power cord may result in damages.
- Please keep the power cord away from heat source. Do not over-bend the power cord or place it anywhere it can be stepped on or may cause to trip.
- This is connected to power source via the plug and any failure or danger occurs, the user can disconnect the device from power source by pulling out the plug out from the socket, therefore, it is required that the power socket should be located somewhere with easy access.
- The device is not completely disconnected from power source when it is switched "OFF". For sake of safety, please disconnect the device from the socket if it is not in user.

### Positioning

- Please disconnect the device from power source before relocating the device.
- For avoiding deformation of panels and damages to internal components, please do NOT place the device where there is heavy dust or violent vibration, or where it is extremely cold or hot.
- Please keep this device off water drops or splash or vase filled with water or any other articles of similar nature.

### Connection

- Please disconnect other equipment from power source before they are connected to this product. Please tune volume to its minimum level before the device is powered ON or OFF.
- All terminals on the device marked with ' ' are live and dangerous, and should be connected by trained personnel.

### When abnormal conditions are realized

- Please disconnect the device from power source immediately in case the power cord is worn or damaged or if the sound is suddenly cut off or any abnormal odor or smoke comes out from the device, and then have the device inspected and repaired by professional personnel.

### Precautions in Operation

- Please do NOT insert any finger into any gap or opening of the device.
- Please prevent foreign objects (paper, plastics or metal etc.) from being inserted or falling into any gap or opening of the device. In such case, please cut off power source immediately.
- Please do NOT put the body or any heavy object on the device and do NOT operate the buttons or switches or connections with excessive force.

### Do NOT Open

- Please do NOT remove the cover of the equipment, otherwise you may get an electric shock.
- Do NOT attempt to remove any internal component from the device, or to modify the equipment in whatever manner. In case of any abnormal condition, please stop using the device immediately and have it inspected and repaired by professional personnel.

### Other Precautions

- Our company shall not be responsible for data loss or damages due to improper use of unauthorized modification to the device.
- The images and screen display in this Manual are only for description and may be different from screen images in actual operation. The screen

display depends on the product.

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# 1. Product Instruction

## 1.1 About CNS6410

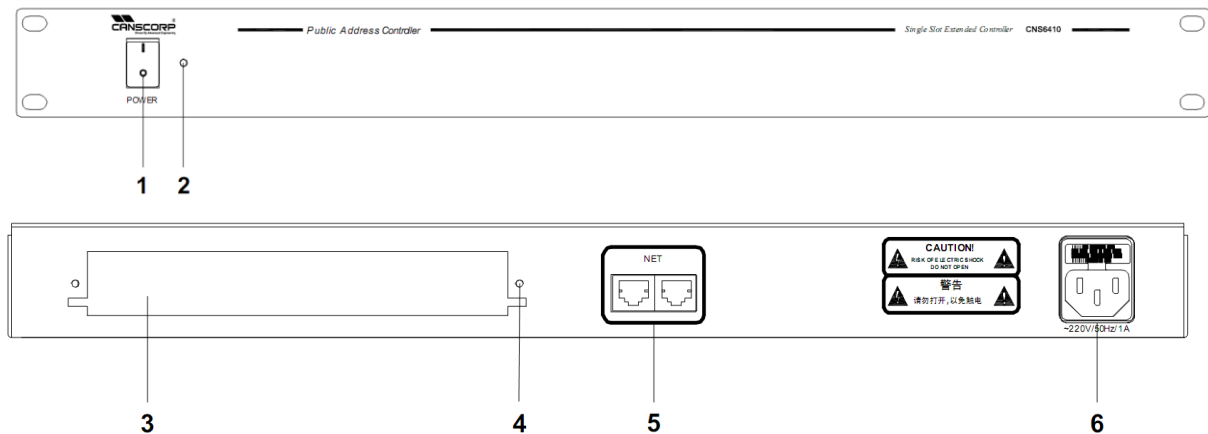
CNS6410 single slot extended controller is a new module interface controller with dual network redundancy design and can be attached to any place where the network can reach. Host intelligent control; can be normally used through the normal remote configuration of management software, without local control. It can be connected to our three modules of telephone paging and audio input terminal as well as 32-channel fire linkage.

## 1.2 Functional Features

- 1U standard rack size design;
- Dual 10 / 100M self-adaptive network interface;
- EMC industrial design;
- Aluminum alloy wire-drawing panel;
- Can connect the telephone paging module and audio input terminal module and 32-channel fire linkage module.

# 2. Structure Instruction

## 2.1 Description of Panel



**1. POWER**

Press “I” for turn on power and press “O” for turn off power.

**2. Power indicator**

The indicator lights when the power is turned on, and the indicator goes off when the power is turned off.

**3. Telephone paging / audio input terminal jack, 32-channel fire linkage jack**

Insert the telephone paging module/ audio input terminal module/ 32-channel fire linkage module with the jack and these three modules can be used interchangeably. ((Note: users can connect different modules according to their own needs. Audio input module and telephone paging module and 32-channel fire linkage module is optional, and if no functional requirements no need to use the device.)

**4. Screw fixing holes**

This machine can be installed telephone paging module and audio input module and 32-channel fire linkage module. There are 2 fixing screw holes on the machine, and the machine is fixed on the equipment with the supplied screws.

**5. Network interface**

This machine is a dual network interface design and connected to the network switch

**6. Power socket**

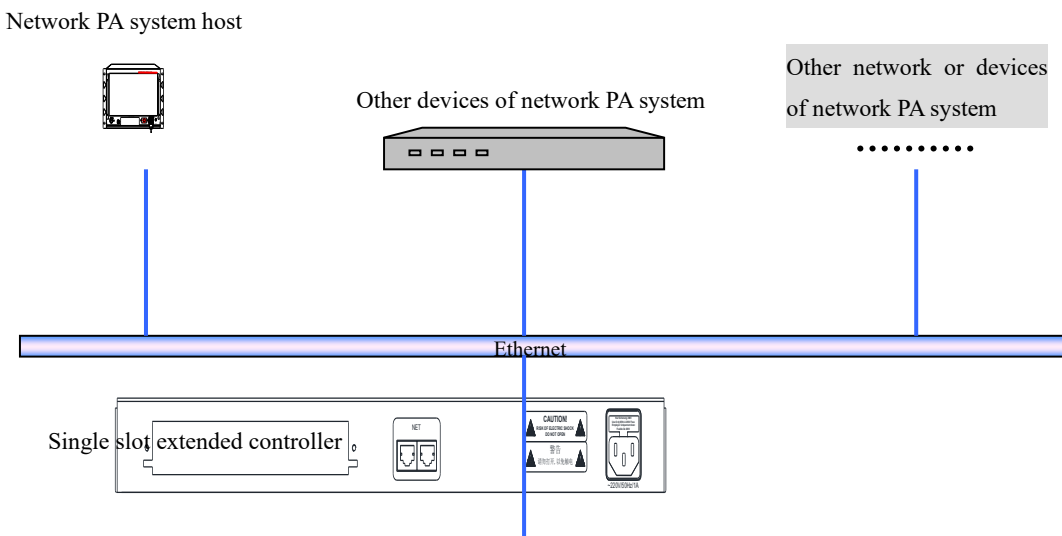
AC220V power input interface, first connect the power cable and the machine, and then access the power grid.

### 3. Operation Instruction of the Host

When the telephone paging module and the audio input module and the 32-channel fire linkage module are inserted into the machine, the module is connected to the network through the network switch. Only when the corresponding IP address is set to the inserted module on the host can the module be connected to the host.

Note: The specific operation can view the operation instructions of the network host.

**CNS6410 application diagram in system:**





Connect to telephone paging module and audio input module and 32-channel fire linkage module

Note:

1. In the above figure only focus on the connection instruction of approximate application of CNS6410, the whole system connection please refer to the network control host's instruction manual.
2. The above figure is for illustrative purposes only, please refer to the system connection diagram.
3. The connection in the system of CNS6410 single slot extended must be connected through the network switch, and the corresponding IP address of the inserted modules needs to be set on the host before connecting with the host.

## 5. Safety Precautions

- Please operate in power-off state when plugging in or pull out the audio input module and the telephone paging module.
- Please do NOT connect this device to the power source, before the system is correctly wired.
- It is important to ensure that input voltage to the device is the same as required voltage of the device, otherwise the device may be damaged.
- There is dangerous voltage in the device, which may cause personal electric shock. Please do NOT open the case without permission, to avoid potential risks of electric shock.
- The device is not completely disconnected from power source when it is switched "OFF". For sake of safety, please disconnect the device from the socket if it is not in use.
- Please do NOT place the device where it is extremely cold or hot.
- Good ventilation must be provided in the working environment of the device, to avoid excessive temperature during its operation, which may cause damages to the device.
- Please unplug the device from power socket in raining and wet days or if the device is not in use for a long time.
- Please disconnect the power plug from sockets, to ensure the device has been completely disconnected from power source, before any component is removed from or re-installed in the device or before any

electric connector of the device is disconnected or reconnected.

- In case of any failure of the device, please do NOT open the case and repair without permission from a professional personnel, to avoid accident or additional damages to the device.
- Please do NOT place any corrosive chemicals near or on the device.

## 6. Matters Needing Attentions

- Our company provides a three-year free warranty service (including free replacement parts) over quality issues as from the date of purchase, provided that the device is installed and used in accordance with requirements specified in the User Manual.
- For warranty, the user must show the Warranty Card and the receipt kept by the user and purchase invoice of the device as supporting documents.
- The following conditions are beyond the scope of warranty:
  1. Product damage due to improper installation, use or handling;
  2. Product damage due to abnormal conditions (such as excessive power source voltage or ambient humidity);
  3. Product damage due to acts of God;
  4. Product SN is changed, altered or removed;
  5. Product has been repaired or modified by any person without duly authorization from our company;
- Please keep the User Manual and Warranty Card in good custody.
- For issues and precautions not mentioned in this User Manual, if required, please contact the distributor or visit our website.
- In case of any failure in the warranty period, please contact service personnel (or distributor) of our company for service. The company shall not be made liable for damages due to unauthorized dis-assembly or maintenance or service by unauthorized personnel.

## 7. Packing List

No.	Item	QTY
1	3m 8 core cable	1 piece
2	GB MP-P power cord	1 piece
3	M5×19 semi-sunk cross head screw	4 pieces
4	Plastic washer	4 pieces
5	User's manual	1 copy

## 8. Performance Specification

Protection	AC fuse F1L
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Power	1. AC220V/50Hz (Working power of extended controller) 2. DC15V DC5V (Working power of audio input module / telephone paging module / 32-channel fire linkage)
Package dimensions(L×W×H mm)	520×345×95
Machine dimensions(L×W×H mm)	483×275×44
Net weight	1.68kg

**Caution**

- The device is not completely disconnected from power source when it is switched "OFF". For sake of safety, please disconnect the device from the socket if it is not in use.
- Please keep this device off water drops or splash or vase filled with water or any other articles of similar nature.
- Please do NOT remove the cover of the equipment, otherwise you may get an electric shock. Where necessary, repair to the equipment should be conducted by qualified professionals.
- All terminals on the device marked with ⚡ are live and dangerous, and should be connected by trained personnel.
- This is connected to power source via the plug and any failure or danger occurs, the user can disconnect the device from power source by pulling out the plug out from the socket, therefore, it is required that the power socket should be located somewhere with easy access.