

OT9601

Central Control System Host



Description

The central control system refers to the equipment for centralized management and control of various equipment such as sound, light, electricity and video. With a 4.3" LCD touch screen, the central control host provides intuitive and user-friendly user interface. It holds 10 slots for plug-in modules to realize a variety of control functions. Besides, it can control the controlled devices through PC, WEB, IOS and Android operating system clients after programming. In addition, it is widely used in multimedia classrooms, multi-functional conference halls, command and control centers, intelligent homes, etc.

Features

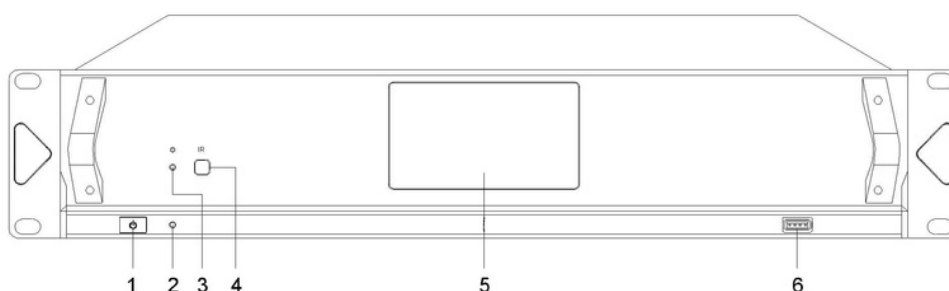
- Using ARM Cortex-A9 Quad-Core, with a dominant frequency of up to 1.6GHz.
- The host has built-in 1GB DDR RAM and 8GB EMMC FLASH.
- With a 4.3" touch screen for perfect human-machine interaction experience.
- With a program player, it supports program sources in lossless formats, such as WMA/ACC/APE/MP3/FLAC/M4A/M4R/OGG/WAV/WV.
- The host provides 10 slots and allows plug-in modules, which can be inserted into the host for connection and work or placed in a distributed manner; as modules are connected to the host through the network, they can be combined freely.
- The control function can be realized through plug-in modules, with 10 slots for low-current relay module, IR control module, IO control module, NET bus module, serial communication control module, serial communication expansion module, Zigbee control module, RF control module, LoRa control module, GPS/Beidou time calibration control module, and 4-way volume control module.
- With programmable control platform, programmable interface available in Chinese and English.
- Users can control the controlled devices through PC, WEB, IOS and Android operating system clients after programming.
- With 1 100Mbps network interface and 2 100Mbps network interfaces with +48V output.

- Support timing control of programs and controlled devices.
- View the basic information and state of each module.
- With a built-in intelligent infrared learning module, eliminating the need to configure a professional learning device.
- Support infrared learning function, facilitating users to change the infrared device on site without reprogramming.
- The infrared code base for commonly used electrical equipment can be downloaded from the Internet.
- With wide voltage power supply (110V-240V), suitable for any area.

Specifications

Model	OT9601	
CPU	ARM Cortex-A9 Quad-Core, dominant frequency: 1.6GHz	
DDR RAM	1GB	
Touch Screen Size	4.3"	
MP3 Playback	Input Sensitivity	-10dB
	FrequencyResponse	30HZ~20kHz (-3dB)
	THD	≤0.5 %
	S/N Ratio	≥75dB
Connection Method Between Modules and the Host	Plug-in	
Number of Plug-in Modules	10 modules	
Network Interface	1 100Mbps interface, 2 100Mbps interfaces with +48V output	
Power Supply	AC110V-240V/50-60Hz	
Package Dimensions (L×W×H mm)	525×480×185mm	
Machine Dimensions (L×W×H mm)	483×375×88mm	
Gross Weight	8.5kg	
Net Weight	7kg	

Front / Rear Panel

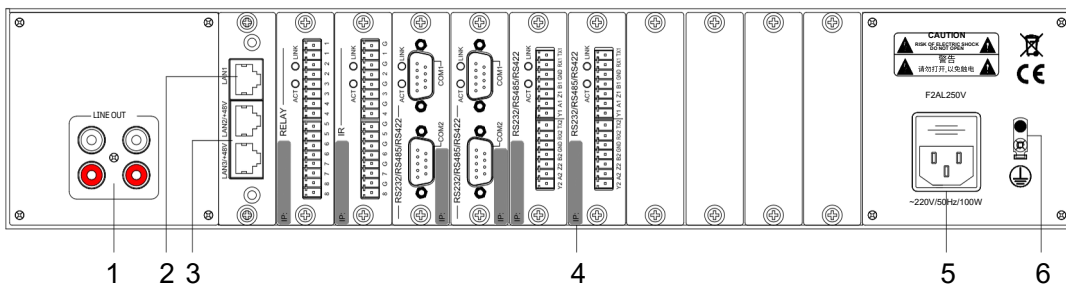


- 1. Power Switch** Press the power button to turn on the machine, and press again to turn it off.
- 2. Power Indicator** The indicator light is blue and normally on when the power switch is turned on, and off when the power switch is turned off.
- 3. IR Remote Control Indicator** The indicator light is flashing red in the infrared learning state, and is red and normally on after completing infrared learning.

- 4. IR Remote Control Receiving Window**
- 5. 4.3" LCD Touch Screen**

It displays all function icons and operation menus; touch the screen for operation and settings.

- 6. USB Port** It is used to download the user program of the host. When the computer has no serial port, the USB port can be directly used to download the program, convenient and fast.



1. 2 Line Outputs

2. 100M RJ45 Network Interface

Port transfer rate: 100Mbps.

Connected to WIFI wireless network and work with a tablet for wireless conference control.

3. 100M +48V-Powered RJ45 Network Interface

- Port transfer rate: 100Mbps.
- Maximum output power per channel: 15W.
- +48V network power supply.
- Supply power to 100M +48V-powered devices connected to the system.
- Cannot be connected to the switch.

4. Control Module Slot The control function can be realized through plug-in modules, with 10 slots for low-current relay module, IR control module, IO control module, NET bus module, serial communication control module, serial communication expansion module, Zigbee control module, RF control module, LoRa control module, GPS/Beidou time calibration control module, and 4-way volume control module; among them, the standard modules are: low-current relay control module, IR control module, 2 serial communication control modules and 2 serial communication expansion modules.

5. Power Input Connector The power supply of the machine is AC220V. Please make sure that the power voltage input to the machine is consistent with that of the machine.

6. Ground Connector It is used to connect the central control host and the ground to prevent electric shock or damage to the equipment caused by electric leakage and static electricity.