



Tailored Audio System for Small and
Medium-sized Conferences

AI Wireless Conference System A88 Series

| Auto-mixing | IoT Central Control |
| Sound Recognition Feedback Suppression | Multifunctional Integrated |



R&D Background

At present, many conventional conference systems require professional personnel for operation and management, and audio controllers need to be arranged on site to operate equipment in order to prevent feedback of microphones, etc. This is the application mode of traditional conference systems, requiring a lot of manual operation during the installation and commissioning process. Different people have different speaking volumes, so it is necessary to manually control the appropriate level.

This AI conference series is a high value-added product that integrates the innovative achievements of Soundking and has obtained relevant national patents. The system is equipped with internationally advanced automatic mixer, feedback suppressor, high-performance conference microphones IoT central control system, and multi-directional coaxial conference speakers, etc. Automatic mixer provides gain sharing technology, which can eliminate conference noise, reduce feedback and reverberation, reduce interference between adjacent microphones, and automatically adjust output levels. The feedback suppressor provides AFC, ANR and AEQ function, making the gain performance of microphones more excellent. At the same time, a central panel control device has been added to the system, overturning the traditional mode of dedicated audio controllers operating on-site in conference systems. As long as the first installation and commissioning are completed, the machine can be turned on and off with one click, without the need for dedicated on-site control. All equipment is installed in customized cabinets, greatly reducing the work time of installation and commissioning.

Application Fields

Various conference venues for small and medium-sized government enterprises, schools, etc.



Technological Innovation

Comparison of the advantages between Soundking AI conference system and traditional conference system



Unmanned

No mixing console is required, with intuitive and simple operation, eliminating the need for professional management and control, reducing operational and maintenance costs.



Safer

All types of devices are installed in the cabinet in an integrated manner, with all signal input and output interfaces connected from dedicated sockets on the back of the cabinet.



Smarter

Adopting an artificial intelligence control system, supporting local/remote instrument operation and maintenance, and supporting remote switch control.



Solving Whistling Problems

Using our own advanced voice recognition feedback suppression technology, we have created a way to power up 20 wireless conference microphones simultaneously in the same space without any feedback.



More Uniform Sound

Using international advanced automatic mixing technology, instead of the sound volume adjustment function of the mixing console, to achieve automatic adjustment of output level. Implement automatic input level boost and limiting technology.

Honorary Patent

Utility model patent: 2021121067811.5
202321337469.5



AI Wireless Conference System

A88 Series



Auto-mixing



IoT Central
Control



Sound Recognition
Feedback Suppression



Multifunctional
Integrated

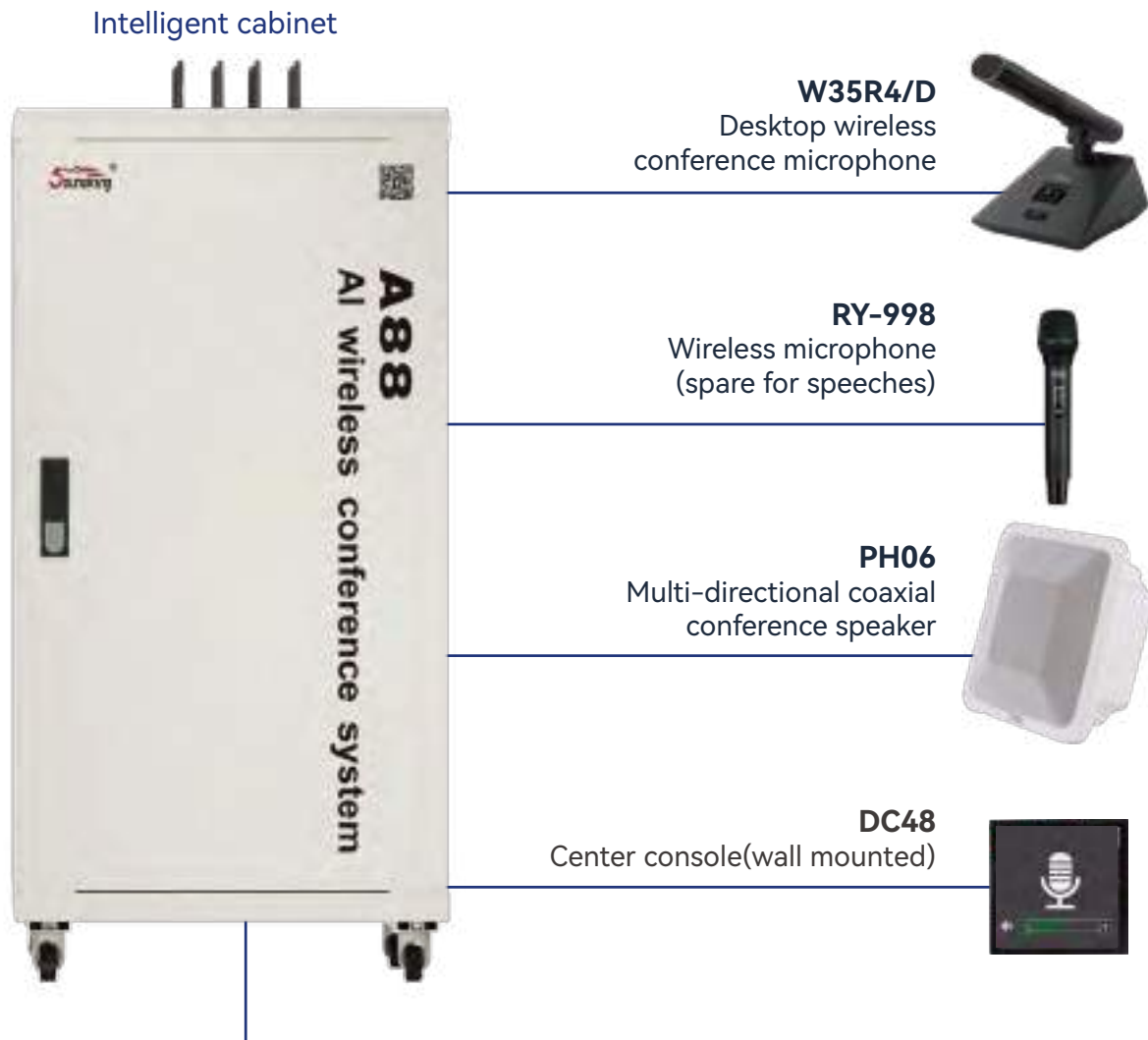
- 20 wireless microphones can be turned on at the same time in the same space without feedback.
- Adopts internationally advanced automatic mixing technology.
- Adopts independently advanced sound recognition feedback suppression technology to prevent microphone feedback.
- Adopts AI control system, unmanned.
- No need for a mixing console, using a control panel for one-click switching.
- Adopts an IoT control system, supporting local/remote device operation and remote switch control.
- Optional 12, 16, and 20 wireless microphone connections.
- Integrated installation of various equipment in the cabinet enhances the reliability, safety, and convenience of the product.
- The wireless microphone receiver antenna is exposed, with good reliability.
- There is a 10.1" IoT control display installed at the front door of the cabinet.

System Topology Diagram

AI Wireless Conference System



Video Conference System



Optional: video conference system



VC212HT4K-IP
HD network conference camera



HD-0808
Video matrix



B65IR/B75IR/B86IR/B98S
Intelligent LCD conference AIO machine

Introduction of Intelligent Cabinet



RY-998 2-channel receiver

W35R4/D 4-channel receiver

AZ-12NZ power sequencer

CT02 IoT edge computing host

MD8S adaptive mixer expander

MD8M adaptive mixer

AF22 AI feedback suppressor

DN4300 4-channel digital amplifier
(**DN300** 2-channel digital amplifier optional)

* The cabinet with special shock absorption design effectively prevent internal vibrations during transportation.

System Specifications and Configurations

Model	Configuration	Quantity	Application Area
A8812 AI wireless conference system	A8812 intelligent cabinet	1	40-80m ² conference room
	W35R4/D desktop wireless conference microphone	12	
	RY-998 wireless microphone(spare for speeches)	1	
	DE050 microphone stand	2	
	PH06 multi-directional coaxial conference speaker	2	
	DB097-2 hanger	2	
	DC48 center console (wall mounted)	1	
A8816 AI wireless conference system	A8816 intelligent cabinet	1	80-100m ² conference room
	W35R4/D desktop wireless conference microphone	16	
	RY-998 wireless microphone(spare for speeches)	1	
	DE050 microphone stand	2	
	PH06 multi-directional coaxial conference speaker	4	
	DB097-2 hanger	4	
	DC48 center console (wall mounted)	1	
A8820 AI wireless conference system	A8820 intelligent cabinet	1	100-150m ² conference room
	W35R4/D desktop wireless conference microphone	20	
	RY-998 wireless microphone(spare for speeches)	1	
	DE050 microphone stand	2	
	PH06 multi-directional coaxial conference speaker	6	
	DB097-2 hanger	6	
	DC48 center console (wall mounted)	1	



Hanging diagram
Hanging height \approx 3m



PH06

Multi-directional Coaxial Conference Speaker

Utility model patent: 2021121067811.5

Unique multi-directional design, can be hanging mounted or ceiling-mounted, achieves uniform coverage and precise sound image localization, avoids microphone feedback effectively and achieves perfect sound reinforcement effect.

Introduction

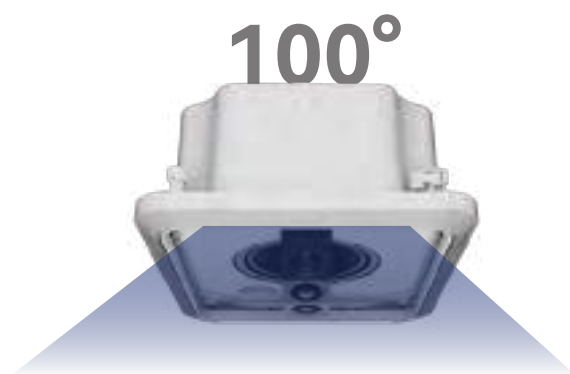
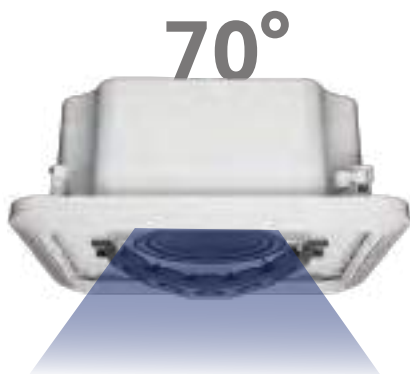
PH06 is a coaxial plastic ceiling speaker that combines five 1" neodymium magnetic dome tweeters and one 6.5" neodymium magnetic MLF unit to form a combination with large dynamic range. Its HF coaxial arc-shaped array is arranged above the LMF unit, making the sound image localization more accurate, reducing reflection from walls and floors, and achieving uniform distribution of coverage. This product is completely designed with independent innovation, with clear, bright, thick and full sound quality. The PH06 can be installed through a top hanging or semi hidden top locking mechanism, suitable for various indoor sound reinforcement applications.



Parameters

Model	Passive coaxial plastic ceiling speaker
Frequency response(-10dB)	60Hz ~ 20kHz
Sensitivity(1m@1W)	89dB
Power(AES)	120W
LF unit	1 x 6.5"/Φ38mm voice coil/neodymium magnet/120W/8Ω
HF unit	5 x 1"/Φ25mm voice coil/neodymium magnet/10W/2Ω
Coverage(HxV)	100° x 70°
Max.SPL	116dB(peak value)
Dimensions(WxDxH)	330 x 220 x 391 mm
Wet weight	5kg

Coverage



W35R4/D

Wireless Conference Microphone



Introduction

W35R4/D 1 to 4 wireless conference microphone receiver supports R485 control, and can be connected to 1 to 4 UHF wireless conference microphones (headset, handheld, clipper). Wireless microphones operate in portions of the 500~680MHz frequencies, adopting automatic frequency sweep and phase-locked loop(PLL) frequency synthesis techniques, featuring practical functions including battery monitor, digital volume control, automatic frequency pairing, audio cascading, etc.

Parameters

Carrier Frequency Band	500 ~ 680MHz
Number of channels	4-channel
Modulation Method	FM
Integrated S/N Ratio	>90dB
Integrated THD	10mW
Microphone USB Charging Function	TPYEC. DC5V 1A (Built-in lithium battery)
Microphone Power Supply	3.7V 4000mA 180mA
Continuous Working Time	8 hours
Effective Working Distance	Approximately 60m in open environments

RX-998

Wireless Microphone(spare for speeches)



Introduction

RX-998 is a dual channel four antenna ultra-strong reception true diversity wireless 1 to 2 microphone system. This product adopts a dedicated microphone core carefully selected and customized by the sound engineer's technical team to ensure sound clarity and reproducibility, providing users with excellent sound quality assurance.

Parameters

Receiver

Receiving Method	QPSK Digital UHF	Receiving Sensitivity	-100dBm
Oscillation Mode	DPLL Phase-locked Loop	S/N Ratio	>95dB
Frequency Range	650-700MHz	Distortion	1kHz, 100mv Input<0.2%
Maximum Frequency Points	200	Max. Audio Output Level	0dBV max
Frequency Bandwidth	25kHz	Power Requirement	12-18V DC/1A

Transmitter

Frequency Range	650-700MHz	Distortion	1kHz, 100mv Input<0.2%
Frequency Bandwidth	50MHz	Battery Life	>8h battery AA 1.5V 1300mAH x 2
Harmonic Suppression	>55dBc	Using Distance	>150m
S/N Ratio	>95dB		

MD8M

Adaptive Mixer



MD8S

Adaptive Mixer Expander



Introduction

The MD8M host has 8 MIC inputs and 3 LINK interfaces, which can cascade 3 MD8S slaves. One MD8S has 8 MIC inputs and can support up to 32 MIC inputs. The MD8M host can be used alone, while the MD8S cannot be used alone and can only be used in conjunction with the host.

Tablets can be controlled wirelessly, while regular computers can be wired for control, supporting independent panel control, and basic functional operations can be achieved on the panel. Based on HTML5, operate with a graphical browser interface. Compatible with Android, iOS, Mac, Windows, Linux, and more.

Features

- MD8M/S has 8 Combo XLR inputs.
- 3-way LINK interface, capable of cascading 3 MD8S slave devices.
- Realize simultaneous control of multiple devices through wireless and Ethernet, compatible with iOS, Android, Windows, MacOS, and Linux devices.
- The input channel supports 48V phantom power supply, 5-segment parameter equalizer, high pass filter, phase, and delay.
- Two USB2.0 interfaces, supporting stereo recording/playback/system updates/scene import and export, and supporting scene memory.
- The input channel automatic mixing function automatically controls the main output level based on the number and gain of input channels.
- Mic priority function, set microphone priority when automatic mixing is turned on, increase the gain of the priority channel in the presence of signal input, and automatically attenuate signals from other channels.
- One RS-485 interface can be connected to the matching central control system for control.
- The MD8S has 8 Combo XLR input interfaces, LINK interfaces, and power interfaces and cannot be used alone. It can only be used in conjunction with the MD8M host.

Parameters

Max. Voltage Gain	70dB
Dynamic Range	> 100dB
Frequency Response	+/- 3dB 20Hz ~ 20kHz
Distortion	< 0.1%
S/N Ratio	< -90dB
Noise	< -80dB
Input Impedance of the Microphone	3kΩ
Input Impedance of the Line	20kΩ
Output Impedance	470Ω
Output Impedance of the Microphone	100Ω
Phantom Power	+ 48V, each channel can be individually switched
USB	2.0
LAN Interface	10/100M adaptive network
Communication Interface	RS-485
Power Supply	AC Adapter AC:100V-240V(50/60Hz), DC:+12V/4AP
Dimensions(W×D×H)	483 x 220 x 45 mm

AF22

AI feedback suppressor



Features

Product Highlights

- The new generation of AFC features self-learning acoustic feedback suppression.
- The new generation of ANS dynamic adaptive noise reduction technology offers higher fidelity.
- Provide a Peak level meter to monitor the extent of the current audio signal.
- Supports multi-microphone intelligent mixing and features microphone selection optimization.
- Support automatic gain command function.
- Excellent and rich signal processing modules:
 - Filtering function module, including high-pass filter and low-pass filter.
 - Support for parametric equalization adjustment function.
 - Built-in compressor function.
 - Supports volume adjustment function.

Hardware Interface

- 2-channel universal input, supports 48V phantom power supply.
- 2-channel balanced line output.
- 1 USB Type-A interface, allowing for external allocation of a computer.
- One input level selection switch, supporting 3-level input gain adjustment.
- 1 output volume adjustment knob.
- 1 feedback suppressor AFC bypass command switch.
- One RESET button, used to restore the default factory settings.

Power Supply

- 110-240V AC, 50/60Hz.

Parameters

Phantom power	+ 48V / 10mA max
Frequency response	20Hz-20kHz
THD	< 0.01%@1kHz
Signal-to-noise ratio	> 100dB
Input impedance	100kΩ
Output impedance	300Ω

DN Series

Pro Digital Amplifier



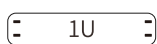
Introduction

The DN series is a high-quality digital amplifier developed for the fixed installation market. This series of digital amplifier has a built-in DSP, supporting UDP protocol, and can be monitored through a single network cable.

This series continues the circuit architecture of the high-end performance series of Soundking, using the company's independently developed multi-loop control technology, and has excellent technical indicators, Featuring high quality, high reliability, and strong adaptability. The design has been optimized based on the characteristics of fixed installation, making the operation more intuitive and meeting the needs of narrow spaces.

The panel can be personalized designed to meet the personalized needs of customers for the product.

Features



Compact, lightweight, and structurally stable



Wide voltage adaptation range



ADI audio dedicated DSP



One network cable for amplifier monitoring (Output voltage, current, temperature, protection, etc.)



TFT LCD display



Modular design for easy maintenance

DSP Function

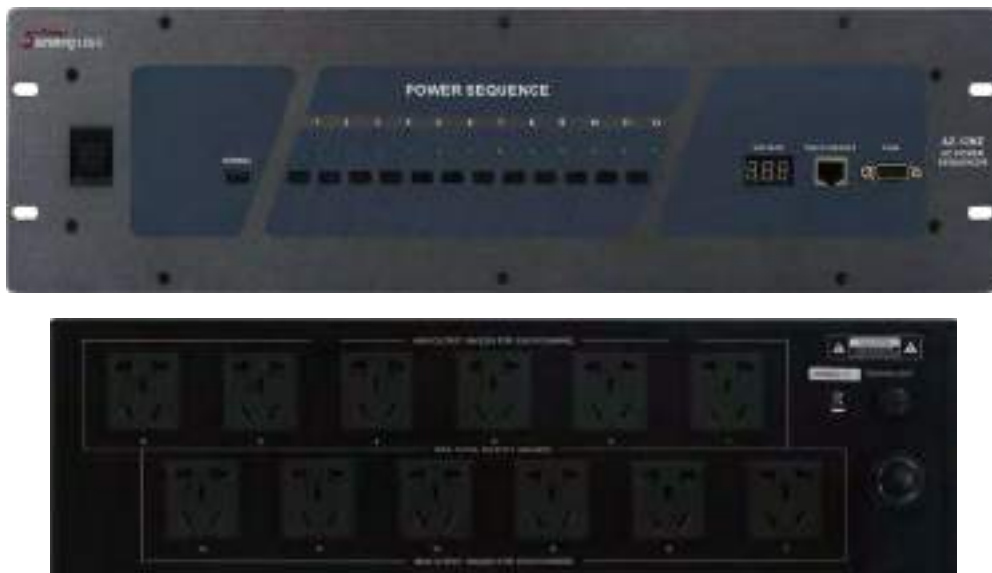
- The input and output delay of each channel is adjustable, with a step of 0.01ms
- 2.2x2 or 4x4 audio routing mixing, mixing ratio: -80dB ~ +18dB
- Each input and output channel with parametric EQ and HP/LP filter
- Volume, mute, pan, mode selection
- Output peak limiter
- User/commissioning/factory authority settings
- Comprehensive preset management (built-in 16 scene storage groups)
- The device supports modifying IP addresses
- Saving and calling parameters between different machines
- Saving and retrieving parameters between devices and computers

Parameters

Type	DN4300	DN300
Frequency power	8Ω/Stereo 4 x 300W	2 x 300W
(THD=1, Continuous sine 1kHz, all channels working simultaneously)	4Ω/Stereo 4 x 450W	2 x 450W
	8Ω/Bridging 2 x 900W	1 x 900W
RMS output voltage(THD=1%, 1kHz)	49.0V	49.0V
Input sensitivity	0.5-2Vrms optional(Rated output power, 1kHz)	
Distortion+noise	Typical value: 0.05% (10% rated output power, 1kHz, 8Ω)	
Crosstalk suppression	≥75dB(Below rated power, 20Hz-1kHz, 8Ω)	
Frequency response	Typical value: ± 0.5dB (10% rated output power, 20Hz-20kHz, 8Ω)	
Input impedance	20kΩ(balanced), 10kΩ(unbalanced)	
Damping coefficient	Typical value: 1000(20Hz-200Hz, 8Ω)	
S/N ratio	≥100dB(A weighting 20Hz-20kHz, 8Ω)	
Power requirements	~100-240V(+10%), 50/60Hz	
Protection function	Overheat voltage limit, overload protection, output DC protection	
Dimensions(WxDxH)	483 x 299 x 45 mm	
Net weight	5.2kg	4.8kg

AZ-12NZ

Power Sequencer



Introduction

AZ-12NZ power sequencer, with its overall design including circuit boards, electronic components, etc., has undergone rigorous laboratory test for durability, high temperature environment, vibration, overload, and other factors. It fully complies with CE and 3C industrial electronic equipment requirements, as well as industrial circuit installation safety regulations.

Features

- The product has a simple and smooth design, with a reasonable functional layout and a 3U standard chassis design.
- Equipped with high-performance filters and multifunctional power sockets for outputs.
- The product is configured with digital display of current grid and voltage value.
- It can be connected to the TMS remote control system for remote monitoring and control.
- The long-distance communication control technology adopts an industrial grade Ethernet structure, supporting multiple working modes such as TCP Server, TCP Client, UDP, etc., simultaneously supporting RS232 control.
- It has 12 outputs, supporting rated current of 30A.

Parameters

Rated input and output voltage	AC220V/50Hz
Total output current	12 channels with a maximum output current of 30A
Single channel output current	Maximum 10A
Delay	1 second
Static power consumption	7W
Power control	12 channels
TMS network connection	Yes
R232 serial connection	Yes
Dimensions(WxDxH)	483 x 306 x 132.5 mm
Wet weight	8kg

CT02

IoT Edge Computing Host



Introduction

CT02 is a network central control host independently developed by Soundking, equipped with a high-performance 64 bit ARM processor (1.4GHz), integrated with the Broadcom Video-core-IV GPU, and equipped with 1GB memory and 16GB built-in storage.

This host adopts advanced integration technology, with excellent stability and a simple installation and configuration method, making on-site installation and commissioning more flexible and fast. An open user configuration system enables it to easily solve various complex scenario themed applications.

In conjunction with the Soundking IoT cloud platform, the CT02 central control host can professionally centralize the control of various devices such as sound, light, electricity, video, and communication, realizing remote IoT control and remote operation and maintenance of various intelligent devices, equipped with various sensors and intelligent air switch devices, real-time collection of environmental data, voltage, current and other equipment electricity consumption data. Deep mining and analysis of these data provide strong data support for solving and preventing problems.

Features

- Built in storage.
- Built in dual power backup to ensure safe and stable power supply.
- Supports DHCP or manually setting IP addresses, supports network communication protocols such as TCP/IP, UDP, HTTP, etc.
- Supports USB data reading and USB low current power supply.
- Built in Linux system integrates computing and control end, which can be deployed as edge computing service cluster.
- Connects to the cloud and achieve unified control, operation, and data collection through the cloud.
- Supports the access of two RS232S devices and a maximum of 256 RS485 device nodes.
- Supports remote fault diagnosis, logging, fault warning and alarm, and remote upgrade.
- Supports access to 4/5G modules and enables device deployment without Ethernet cables.
- High quality aluminum profile piano lacquer panel with 1 system operation indicator light and 1 fault indicator light.
- Combines with on-site environmental sensors to collect various air environment data on site.
- Supports RTMP/HLS video streaming.

Parameters

CPU	Broadcom BCM2711, 1.5GHz, 64-bit, 4-core, ARM Cortex-A72 architecture, 1MB shared L2 cache
RAM	2GB LPDDR4-3200 RAM (shared with GPU)
Network interface	1 RJ45 Gigabit Ethernet port, supporting TCP/IP, UDP, HTTP and other network communication protocols, capable of supporting over 500 network device nodes
Interface	1 dedicated RS485 interface that can simultaneously connect to 63 IoT air switch modules
COM port	8 multifunctional COM ports, capable of switching between RS485/RS422/RS232, supporting 600-400000 baud rates, and supporting over 1000 device nodes
Transmission module	8-way multifunctional infrared emission module, with infrared light beads supporting a distance of 1-10 meters (depending on environment, angle, learning situation, and remote control sensitivity)
Learning module	1-way multifunctional infrared learning module, compatible with over 98% of infrared waveforms on the market, capable of learning infrared carrier frequencies ranging from 15kHz to 80kHz
Output module	2-way 24V DC output modules with a maximum total power output of 26.4W, equipped with overvoltage and overcurrent protection
Electrical interface	4-way relay interface with common terminal, capable of connecting AC250V-3A load/DC30V-3A
Digital quantity I/O port	8-way digital I/O port, supporting a maximum positive voltage of 35V and equipped with overvoltage protection function
Power filter	Equipped with a built-in power filter module and dual power backup design, it can achieve automatic power-off switching when a single power supply is damaged, ensuring the safety and stability of the power supply
USB2.0 interface	2-way
USB3.0 interface	2-way
Display	3.5" touchable host display, capable of displaying information such as logo, product information, IP address, etc. Parameters can be set: COM port protocol, baud rate, authorization QR code, etc
Installation	Cabinet mounted, with a height of 1.5U
Input power supply	AC220V 50Hz
Dimensions(WxDxH)	483 x 240 x 66 mm
Weight	4kg

IoT Central Control Equipment

IoT Device Management System

1. Supports one-click control of preset scenes, scene classification display, and custom scenes.
2. Supports switch control and other more powerful functional controls for IoT devices, with customized device classification.
3. Supports multi region mode to customize the scene and devices of each region.
4. Supports device status operation acquisition, device data parsing, etc.



IoT Power Management System

1. Supports separate switch control and device status analysis for all power supply air switches.
2. Supports one-click full on and one-click full off of venue power supply.
3. Supports real-time data analysis of all power supply switches, including relay status, closing status, historical electricity consumption, real-time voltage, real-time current, real-time power, real-time temperature, maximum current, number of short circuits, current consumption, and other data.
4. Supports batch addition and configuration of power supply switches.



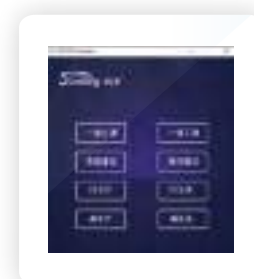
IoT Tablet Control System

1. Supports real-time reading and display of various air data in the environment.
2. Supports one-click control for preset scenes.
3. Supports IoT control for various devices.
4. Supports custom configuration of system interface.



IoT Intelligent Panel Control System

1. Supports panel button control with 1-14 keys, which can control individual devices and preset scenes.
2. Supports customized and personalized interface design for intelligent panels.
3. Supports customized development and configuration of panel interfaces.



IoT Device Management System

1. System configuration module: supports system upgrades, real-time log viewing, device restart, setting management passwords, running command line mode, factory settings, Wi-Fi, and other functions.
2. Central control configuration module: supports device configuration, power management, instruction configuration, region configuration, theme configuration, I/O port configuration, infrared learning configuration, TCP/UDP connection configuration, etc. It also supports server configuration, IP configuration, and import and export of all configuration data.



Device Interface Design System

1. Supports custom design of IoT device control interface.
2. Supports custom design of device data collection and presentation interface.
3. Supports component modularization and one-click import of finished components.
4. Supports zero programming methods such as drag and drop to meet interface requirements.



Online Script Development System

1. Supports online custom programming to develop JS scripts for device data parsing.
2. Supports online commissioning and script execution, with input-output and clear commissioning results.
3. Supports the analysis and development of device operation status, including unknown status, offline status, online status, shutdown status, and startup status.
4. Supports the analysis and development of detailed data for devices. With simple system configuration, the parsed content can be synchronized to the system.



MQTT Protocol Open Platform

1. Supports MQTT protocol configuration and connects to third-party IoT platforms through the MQTT protocol.
2. Supports comprehensive uploading of device data to third-party IoT platforms, and collecting device data and status.
3. Supports sending data to this device to achieve device control and other operations.



API Open Interface Platform

1. Supports online viewing of API interface documentation.
2. Open all API interfaces.
3. Supports API interface online commissioning.



DC48

Center console



Introduction

The DC48 center console is capacitive touch type and equipped with an RS485 communication interface, which can be connected to the apparatus to adjust its parameters and volume.

Parameters

Screen size	4.0"
Resolution	480 x 480
Power consumption	Backlight at its dimmest with no speaker: 0.5W; Backlight at its brightest with no speaker: 1.3W
Communication interface	RS485
Display type	IPS LCD screen
Touc-hscreen type	Capacitive Touch Screen
Working power supply	4.5-30V
Dimensions(WxDxH)	86 x 27.5 x 86mm

B65IR/B75IR/B86IR/B98S

Intelligent LCD Conference AIO Machine



Features

Intelligent interactive tablets, conference AIO machines, commercial displays are a combination of 4K display/interaction/sound reinforcement/wireless screen projection, with advanced configurations that significantly reduce equipment installation and maintenance costs. They are embedded with remote video conference functions to reduce travel, turn on the computer quickly, start the meeting with one click, and invite customers/colleagues to join the meeting at any time for mutual communication.

Hardware features: Perspective lifting camera design; Wireless cascade microphone camera; AG anti-glare glass design; Rich front-end interface design.

Software features: Multiple screen projection methods; Multi color handwriting; Minimalist Enterprise U; Face check-in; Welcome sign.

VC212HT4K-IP

HD Network Conference Camera



Features

- Adopts the latest high-quality CMOS image sensors, with maximum support 3840x2160@60FPS Video output.
- Adopts high-quality 4K ultra wide angle lens, 12x optical zoom, and a maximum field of view angle of up to 82°.
- Advanced 2D/3D image denoising algorithms with excellent noise control.
- Embedded video analysis function, which can select different intelligent algorithms according to different applications.
- Supports H.265 and H.264 video encoding.
- Supports up to ultra-high definition 4K uncompressed digital video output.
- Supports HDMI, 3G-SDI, USB 3.0, HDBaseT (optional), and network interface for simultaneous output of 5 high-definition digital videos.
- Supports standard UVC protocol and is compatible with the vast majority of video conference softwares.
- Built-in 2.4G/5G dual frequency Wi-Fi.
- Supports dual stream and multi-level video quality configuration.
- Supports 1 audio input and 1 audio output.
- Supports TF card local storage of up to 64G.
- Precision transmission system, precise positioning, and smooth operation.
- Supports multiple protocols and control interfaces, and supports daisy chain networking.
- Intelligent exposure effectively solves the impact of projection, television and other devices on photography of characters.
- Supports desktop installation, wall-mounted installation, and ceiling-mounted installation.

Optional Accessories

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HD-0808 Video Matrix



Features

- Supports audio de-embedding, which means the 8th channel can output analog audio through a 3.5 connector.
- Supports HDCP, Blu ray DVD, etc., the true HDMI matrix without the need for additional decoders.
- Optional built-in central control module, providing app supporting wireless control of iPhone, iPad, Android tablet, and mobile phone, providing a design platform. Users can change the background image and color of the app software. The size, position, and appearance of the buttons can be freely designed; iPhone and iPad software have been approved by Apple and can be downloaded from the app store without jailbreaking.
- Supports EDID management, and on-site modification of board EDID data can be completed through serial software.
- The HDMI input terminal is equipped with a digital EQ adjustment circuit, and the output is equipped with a signal pre emphasis enhancement circuit, allowing signals to be transmitted over longer distances. The input and output distances can both exceed 40 meters (without the need for HDMI cables with chips).
- All boards and motherboards are equipped with professional high-speed connectors imported from Erni, Germany, and are connected with non-ordinary gold fingers.
- Supports RS-232, infrared (optional), and network port (optional) to control signal switching function.
- Integrated all aluminum brushed panel, blue light LCD display, beautiful and high-end appearance design.
- Controlled by Contrax embedded ARM processor, it runs faster and the system is more stable.
- Supports one-click quick search function, making it convenient to view the matrix switching status.
- Equipped with power-off memory function and on-site power-off protection, and can automatically restore the state before power-off when powered on.
- The digital signal utilizes point-to-point lossless transmission, effectively ensuring the high fidelity output of image signals.
- Telecommunications grade core digital switching chip, with strong anti-interference and all-weather working ability.



Soundking Electronics and Sound Co., Ltd.

www.soundking.com

+86 180 6729 2505

818 Chengxin Road, Yinzhou Investment Industry Park, Ningbo, China



IOS



ANDROID

ELECTRONIC CATALOG APP