Soundking

CONFERENCE MICROPHONE

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Audio-Video Systems Overall Solution Provider

R & D Background of Paperless Conference System

Conference microphone and its system have tended to be same in the international and domestic application fields. The gooseneck-mode pickup microphone conference system has been in the mainstream of the market for decades. There are many drawbacks in use, such as large space occupation, curved appearance, unsightly placement, short pickup distance, blocking the image of users, and affecting the appearance of attendees when taking photos. The paperless conference system also chooses the traditional gooseneck microphone, which carries on many drawbacks of the traditional conference system and affects the convenience of use. The SoundKing Paperless Conference System uses all the advanced array microphone technology, which adopts the array microphone to the paperless conference terminal as a pickup system, making a comprehensive innovation in pickup effect, distance, sound quality and audio-video integration. A series of paperless conference devices have been developed, and an embedded electronic board is added behind the display screen to realize the trinity of microphone, display screen and electronic board. This is the innovative technology of Soundking in the wireless conference system industry, changing the traditional split structure of the conference system and provides users with an unprecedented solution for the conference system with convenient operation, complete functions, high quality, safety and reliability. SoundKing array microphone technology is used in both desktop and desktop flip-able conference microphones, and can get more practical service functions. Combining the characteristics of different microphones. Different series of conference control hosts are designed to provide a strong platform support for different microphones in use.

Weakness Of Current Conference System

In daily meetings, documents are usually sent to each participant, which requires copies of a large amount of meeting materials, consuming a lot of paper and labor costs. Generally speaking, paper for meeting documents has the following characteristics:

(1) Use a large amount of paper. Similar to representative meetings, sessions, etc., due to procedures such as opening ceremonies, conference reports, group discussions (briefings), conference speeches, resolutions, closing ceremonies, etc., many documents are produced in each meeting.

(2) Wasting paper. A number of meeting documents with agendas, attendees and so on have no practical effect after the meeting and increase the amount of paper used without reason. In addition, the various conference materials distributed during the meeting are mostly printed on one side and held by one person. The printing of these materials consumes a lot of paper.

(3) File recycling. After the meeting, many attendees discarded the documents and comrades who took them did not know what to do afterwards. The problem of file recycling is not well solved.

(4) Hidden dangers of confidentiality. Due to some negligence in the process of document clearance and destruction within the organ, the confidential documents and materials issued at the meeting were not recycled in time after the meeting ended, making the paper documents the biggest channel for leaking.

Patents

W60 patent number:：ZL2021210248827

W51 patent number:：ZL20192216689879

W30 patent number:：ZL200620140849X

Paperless Conference Series

W60W

W60A
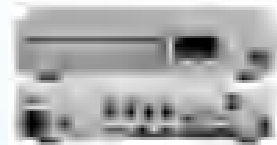
W81P

Desktop Series

Array Conference Microphone

W51

W50K

W61

Lifting Series

PC-W701

PC-SERVER-20

PC-SERVER-60

PC-SERVER-SM

Conference Host And Server

Features

Operating Environment: Based on CS architecture + BS application, we can access third-party software to work together after confirmation, software interface resolution: 1920*1080.

Security and Confidentiality: 1. Operating system passwords are the first level of security. 2. At the beginning of the meeting, attendees enter the system to hold the meeting after entering the password (customizable fingerprint input, card brushing, face brushing). 3. Post-meeting data compilation supports secondary validation of input passwords and destruction of important documents after they can be set up for reading.

Synchronized Presentation: (Support multiple clients to annotate, save, synchronize to projection screen or other terminals) PC desktop sharing mode external computer access (external PC desktop or video files can be synchronized to projection screen or other terminals).

Multiplex Multi-view Function: remote video conferencing 1080P real-time video access (1-4 channels), supporting simultaneous playback of multiple storage video files (1-8), all video windows can be dragged, zoomed in and out at will; The window is suspended at the top of the desktop; Central control function: Centrally controlled elevator lift, close and pause. (Extensible for other control devices).

Hosting Function: The conference leader is the highest authority of the system, and can control all terminals while the conference is in progress, forcing a unified opening of a conference file for projection or synchronization; Advanced features such as strong voting interface, statistical check-in voting data, updating person name display, centralized device control management, etc.

Meeting Exchange: In the course of the meeting, the participants can interact with each other by peer-to-peer text, voice, files, and choose one-to-one, one-to-many and group distribution.

Multi-conference Management: support multi-conference rooms to merge and hold the same conference, support groups to hold different meetings, support multi-conference preset, support pre-scheduling different meetings in different conference rooms, support automatic switching of meetings on time.

Secondary Development: customization and docking with office OA system, UI support secondary development function customization and docking with office OA system, UI interface customization, interface customization, etc.

The manufacturer owns independent intellectual property rights, supports the development of customized functions, and makes two modifications to the software framework free of charge.

Paperless Device For Conference Assistant W50K

Function:

The main screen is 15.6 inch, the sub screen is 7 inch name plate display, built-in Windows, keyboard and mouse, and the conference desk fixed equipment for assistant. Keyboard, mouse, hidden fixed array, with electronic desktop board, the above three points are combined on one conference terminal, which is the highlight of this product.
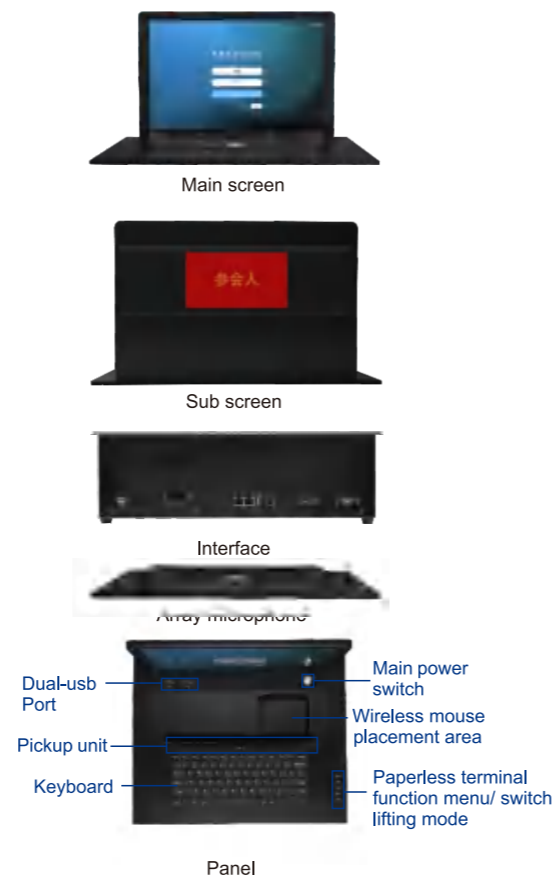
- Box size:420x340x125mm
- Panel size:440x365x5mm
- Desktop hole size: 422x342mm(according to the actual object)
- Panel sink size:442x367x5mm

Features:

1. The touch ultra-thin HD display is integrated with keyboard, mouse and array speaker unit, with no exposed connection cable, no connected back panel and no exposed screw to ensure the overall elegance of the lift display touch screen;

2. The equipment is made of all-aluminium structure, high-quality aluminium with CNC fine carving, and the surface is treated by anodic oxidation with bright color. The panel thickness is only 5mm; The device is exquisite, lightweight, beautiful as a whole.

3. Use high precision lift guide, linear bearing and AC deceleration motor to drive power to minimize the noise of the whole machine;

4. The smart conference lift integrated terminal--15.6-inch screen, resolution 1920x1080dpi, IPS retina HD screen, the display effect is clear and bright, supports full-screen touch, and can slide, drag, and zoom to view conference materials;

5. The smart conference lift integrated terminal supports HDMI and VGA, two-way signal input. When there is only one signal input, the screen will automatically identify the signal. When two signals are input at the same time, it can be manually switched through the panel buttons. When there is no signal input , the screen automatically enters the power saving mode;

6. Embedded rotary shaft electric lifting system, installed from top to bottom, with power protection function, the equipment can be grouped or centrally controlled through the central control and software (232/485) protocol, and all indoor equipment can be raised with one key.

Specification

Screen size	Main screen 15.6" TFT IPS / Sub screen 7" IPS full view
Screen resolution	Main screen 1920x1080dpi / Sub screen 1024(RGB)x600
Touch/surface hardness	Capacitive 10-point touch / Mohs level 7;
Display scale	16:9
Backlight type	Main screen LED light pole / Sub screen white light LED
Contrast	Main screen 800:1, Sub screen 500:1
Brightness	Main screen 250cd/m² / Sub screen 300cd/m²
Viewing size(mm)	Main screen 344.16(H)x193.59(V) / Sub screen 85.92(W)x154.21(H)
Viewing angle	Main screen 45/45/20/40(Typ.) Sub screen 80/80/80/80(Min)
Screen thickness	9mm
Lifting time	30S
Elevation angle	0-30°
Box size:	391x263x125mm
Panel size:	405x277x5mm
Desktop hole size:	407x279mm(according to the actual object)
Panel sink size:	393x265x5mm(LxWxD) (according to the actual object)
Video interface	1 VGA input, 1HDMI input, 1 USB input
Control connection	1 group RJ45(232/485) control lift screen I/O interface; 1 ON/OFF USB port; 1 data transmit USB port; 1 group 8-core mic I/O interface
Pickup mode	Array mic pickup
Directivity	Directional Broadband
Output impedance	47KΩ
Sensitivity	38dB
Built-in microphone	13
Max. SPL	113dB SPL@1kHz
Power supply	AC 220V 50-60/Hz
Weight	15kg
Operation environment	Operation temperature: -5~45;storage humidity: 10%~95%; Storage temperature:-25~65;storage humidity: 10%~95%

Main screen

Sub screen

Interface

Array microphone

Dual-usb Port
Pickup unit
Keyboard

Main power switch
Wireless mouse placement area
Paperless terminal function menu/ switch lifting mode

Panel

Smart conference integrated lifting device W51

Function:

The main screen is 15.6 inch, the sub screen is 7 inch name plate display, external Windows, computer host and screen as one, array microphones in front of the screen, with electronic display board and display on the back of the screen as one highlight point. 15.6 inch (double-sided Windows, flip array microphone, built-in small host), with electronic tabletop board.
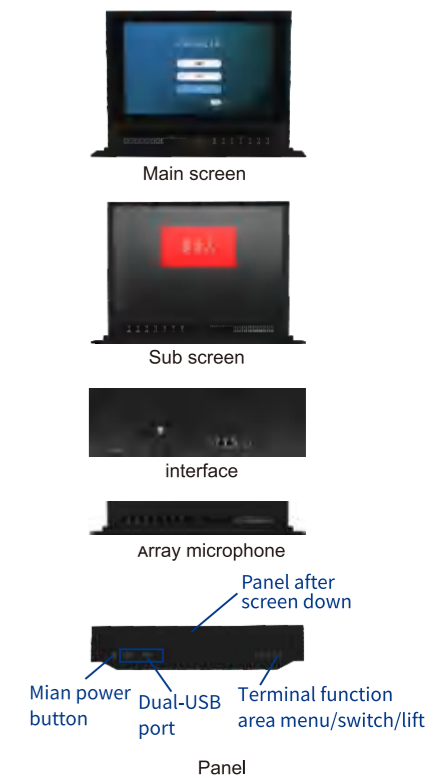
- Box size:414x60x630mm
- Panel size:430x70x3 mm
- Desktop hole size:416x62(according to the actual object)
- Panel sink size:432x72x3(LxWxD) (according to the actual object)

Features:

1. The touch ultra-thin HD display is integrated with keyboard, mouse and array speaker unit, with no exposed connection cable, no connected back panel and no exposed screw to ensure the overall elegance of the lift display touch screen;

2. The equipment is made of all-aluminium structure, high-quality aluminium with CNC fine carving, and the surface is treated by anodic oxidation with bright color. The panel thickness is only 3mm, width is only 70mm; The device is exquisite, lightweight, beautiful as a whole.

3. With high precision guide rail and linear bearing combined with built-in decelerator, bidirectional control, synchronous motor as driving force, low noise, stable operation, small vibration and long life;

4. The smart conference lift integrated terminal--15.6-inch screen, resolution 1920x1080dpi, IPS retina HD screen, the display effect is clear and bright, supports full-screen touch, and can slide, drag, and zoom to view conference materials;

5. The electronic name brand uses 7 inch IPS display with a resolution of 1024 (RGB) x600, and the advanced domestic technology of USB/COM dot screen and power supply integration design. Support the display of name/title/company name/LOGO, etc.

6. The smart conference lift integrated terminal supports HDMI and VGA, two-way signal input. When there is only one signal input, the screen will automatically identify the signal. When two signals are input at the same time, it can be manually switched through the panel buttons. When there is no signal input , the screen automatically enters the power saving mode;

7. Embedded rotary shaft electric lifting system, installed from top to bottom, with power protection function, the equipment can be grouped or centrally controlled through the central control and software (232/485) protocol, and all indoor equipment can be raised with one key. The rear panel is equipped with 220V10A loop-through output multi-function socket to reduce the field wiring conveniently.

8. The desktop panel has a USB interface, and an external U disk can upload conference files or browse files and share conference materials;

Specification

Screen size	Main screen 15.6" TFT IPS / Sub screen 7" IPS full view
Screen resolution	Main screen 1920x1080dpi / Sub screen 1024(RGB)x600
Touch/surface hardness	Capacitive 10-point touch / Mohs level 7;
Display scale	16:9
Backlight type	Main screen LED light pole / Sub screen white light LED
Contrast	Main screen 800:1, Sub screen 500:1
Brightness	Main screen 250cd/m² / Sub screen 300cd/m²
Viewing size(mm)	Main screen 344.16(H)x193.59(V) / Sub screen 85.92(W)x154.21(H)
Viewing angle	Main screen 45/45/20/40(Typ.) Sub screen 80/80/80/80(Min)
Screen thickness	9mm
Lifting time	30S
Elevation angle	0-30°
Video interface	1 VGA input, 1HDMI input, 1 USB input
Control connection	2group RJ45(232/485) control lift screen I/O interface; 1 ON/OFF USB port; 1 data transmit USB port; 1 group 8-core mic I/O interface
Pickup mode	Array mic pickup
Directivity	Directional Broadband
Output impedance	47KΩ
Sensitivity	38dB
Built-in microphone	13
Max. SPL	113dB SPL@1kHz
Power consumption	12W
Weight	15kg
Operation environment	Operation temperature: -5~45;storage humidity: 10%~95%;
Power supply	AC 220V 50-60/Hz

Main screen

Sub screen

interface

Array microphone

Mian power button
Dual-USB port
Panel after screen down
Terminal function area menu/switch/lift

Panel

Paperless conference device—desktop type W60W

W60 patent number：ZL2021210248827

Function features:

(Windows version) 13.3 inch main screen, using ultra-thin full HD touch LCD screen (screen hardness Mohs 7, same as laptop), flip at any angle, with embedded 7 inch electronic nameplate on the back of the display, the overall structure using an aluminum alloy integrated base. Strong shielding ability, strong anti-interference, compact appearance, texture and strong structure. Built-in high sensitivity array microphone can achieve clear voice effect in 0.4-0.6m range, which is the world's first initiative and solves the difficulties in the application of mechanical lifting paperless terminal.

Introduction：

1. Desktop style, integrated screen host and ultra narrow aluminum frame design, refined, lightweight and elegant.
2. With 13.3 " ultra-thin full HD multi-touch LCD main screen (hardness level 7) and 7" sub screen. High resolution, IPS display screen, make the display clear and bright.
3. Capacitive touch, +latest Windows system, call system office software ink writing, save original document handwriting when writing annotations on screen, and make meetings more efficient.
4. Main screen can be flipped at any angle according to actual needs; Built-in high sensitivity array microphone for clear voice within 0.4-0.6m range.
5. With Network, the wiring is simpler, debugging and maintenance are easier.
6. The design of human-friendly low-power internal structure not only has strong shielding ability and anti-interference ability, but also has small heat output, good heat dissipation and long service life.
7. Support standby sleep and other power saving modes.
8. Support background centralized control (restart, shutdown).

Specification

|	
Operating system	windows7
CPU	Inte I5 1.9GHz
Memory	DDR 4G
Storage module	64G(SSD)
Screen size	Main screen13.3" / 16:9、sub screen7"16:9
Screen resolution	Main screen1920x1080 / sub screen1024*600
Touch technology/surface hardness	Capacitive / Mohs 7
Touch points/sensing force	10 points/<10g
Input port	VGAx1,HDMIx1,AUDIOx1,RJ45x1
Pickup technology	Array microphone pickup
Directivity	Directional broadband
Output impedance	47KΩ
Directivity	Directional broadband
Connection type	T type connection (hand in hand)
Sensitivity	38dB
Built-in microphone	13
Max. SPL	113dB SPL@1kHz
Entire power	60W
Entire power supply	AC220V 50 / 60HZ DC12V/5A
Housing material	Anodized metal SGCC
Color	Silver gray
Mounting	Desktop
Operating environment	Working temperature:-5~45℃ Storage temperature:-25~65 ℃ Working humidity:10%~95%

Main screen

Sub screen

Side panel

Interface
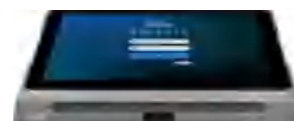
Array microphone

Paperless conference device—desktop type W60A

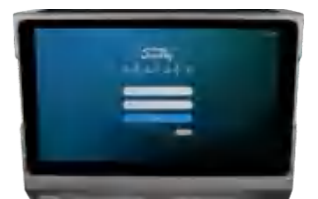**W60 patent number：ZL2021210248827**

Function features:

(Android version) 13.3 inch main screen, using ultra-thin full HD touch LCD screen (screen hardness Mohs 7, same as laptop), flip at any angle, with embedded 7 inch electronic nameplate on the back of the display, the overall structure using an aluminum alloy integrated base. Strong shielding ability, strong anti-interference, compact appearance, texture and strong structure. Built-in high sensitivity array microphone can achieve clear voice effect within 0.6m, which is the world's first initiative and is the highlight of the product.

Introduction：

1. Desktop style, integrated screen host and ultra narrow aluminum frame design, refined, lightweight and elegant.
2. With 13.3 " ultra-thin full HD multi-touch LCD main screen (hardness level 7) and 7" sub screen. High resolution, IPS display screen, make the display clear and bright.
3. Capacitive touch, +latest Windows system, call system office software ink writing, save original document handwriting when writing annotations on screen, and make meetings more efficient.
4. Main screen can be flipped at any angle according to actual needs; Built-in high sensitivity array microphone for clear voice within 0.4-0.6m range.
5. With Network, the wiring is simpler, debugging and maintenance are easier.
6. The design of human-friendly low-power internal structure not only has strong shielding ability and anti-interference ability, but also has small heat output, good heat dissipation and long service life.
7. Support standby sleep and other power saving modes.
8. Support background centralized control (restart, shutdown).

Specification

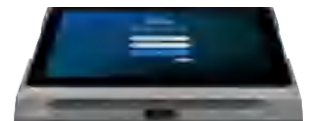|	
Operating system	Android5.1 and above
CPU	RK3288,Quad core, Cortex A17,1.8G
Memory	DDR 2G
Storage module	16G
Screen size	Main screen13.3"contrast：16:9、sub screen 7.5"
Screen resolution	Main screen1920x1080 / sub screen1280*400
Touch technology/surface hardness	Capacitive/ Mohs 7
Touch points/sensing force	10 points/<10g
Input port	USB 2.0x2、RJ45x1、DCx1
Pickup technology	Array microphone pickup
Directivity	Directional broadband
Output impedance	47KΩ
Directivity	Directional broadband
Connection type	T type connection (hand in hand)
Sensitivity	38dB
Built-in microphone	13
Max. SPL	113dB SPL@1kHz
Entire power	60W
Entire power supply	AC220V 50/60HZ DC12V/5A
Housing material	Anodized metal SGCC
Color	Silver gray
Mounting	Desktop
Operating environment	Working remperature:-5~45 ℃ Storage temperature:-25~65 ℃ Working humidity:10%~95%

Main screen

Sub screen

Side panel

Interface

Array microphone

Smart conference integrated lift device W61

Function:
15.6 inch main screen, 7 inch nameplate display. Built-in Windows, hidden fixed array microphone, can be used independently, rises when in use, turns on the microphone only when not in use, and keeps the conference room desktop microphone without screen (highlight feature). With electronic table screen (patent for utility model).
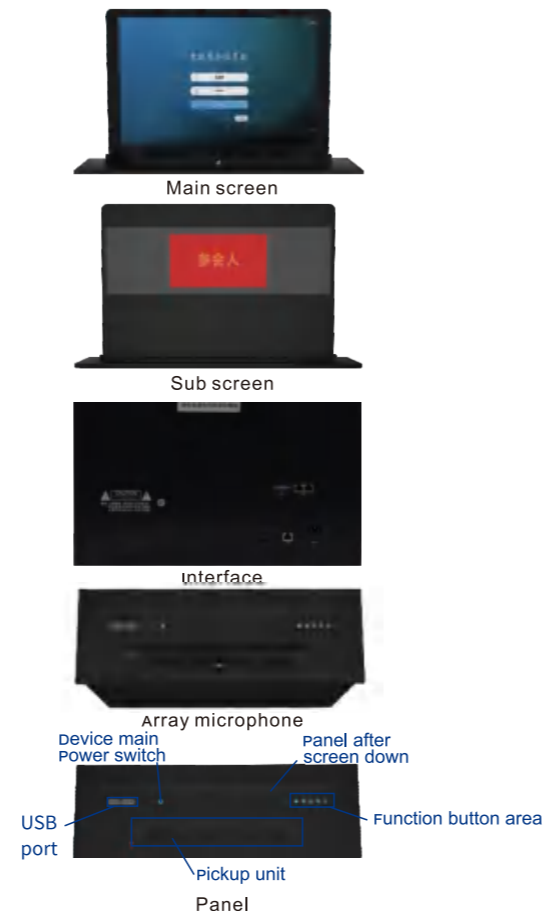
■ Box size:450x145x660mm
■ Panel size:470x160x5 mm
■ Desktop hole size: 452x145mm(according to the actual object)
■ Panel sink size: 472x162x5(LxWxD) (according to the actual object)

Features:
1. The touch ultra-thin HD display is integrated with keyboard, mouse and array speaker unit, with no exposed connection cable, no connected back panel and no exposed screw to ensure the overall elegance of the lift display touch screen;
2. The equipment is made of all-aluminium structure, high-quality aluminium with CNC fine carving, and the surface is treated by anodic oxidation with bright color. The panel thickness is only 5mm, width is only 160mm; The device is exquisite, lightweight, beautiful as a whole.
3. The gear is used with high precision guides and linear bearings, and the AC deceleration motor is used as the driving force to minimize noise.
4. The smart conference lift integrated terminal--15.6-inch screen, resolution 1920*1080dpi, IPS retina HD screen, the display effect is clear and bright, supports full-screen touch, and can slide, drag, and zoom to view conference materials;
5. The 7 inch sub IPS display screen adopts the advanced domestic technology of USB/COM dot screen and power supply integration design with a resolution of 1024 (RGB) x600. Support the display of name/title/company name/LOGO, etc.
6. The smart conference lift integrated terminal supports HDMI and VGA, two-way signal input. When there is only one signal input, the screen will automatically identify the signal. When two signals are input at the same time, it can be manually switched through the panel buttons. When there is no signal input , the screen automatically enters the power saving mode;
7. Embedded rotary shaft electric lifting system, installed from top to bottom, with power protection function, the equipment can be grouped or centrally controlled through the central control and software (232/485) protocol, and all indoor equipment can be raised with one key. The rear panel is equipped with 220V10A loop-through output multi-function socket to reduce the field wiring conveniently.
8. The desktop panel has a USB interface, and an external U disk can upload conference files or browse files and share conference materials;

Specification

Screen size	Main screen 15.6'' TFT IPS / Sub screen 7'' IPS full view
Screen resolution	Main screen 1920x1080dpi / Sub screen 1024(RGB)x600
Touch/surface hardness	Capacitive 10-point touch/Mohs level 7;
Display scale	16:9
Backlight type	Main screen LED light pole / Sub screen white light LED
Contrast	Main screen 800:1, Sub screen 500:1
Brightness	Main screen 250cd/m² / Sub screen 300cd/m²
Viewing size(mm)	Main screen 344.16(H)x193.59(V) / Sub screen 85.92(W)x154.21(H)
Viewing angle	Main screen 45/45/20/40(Typ.) Sub screen 80/80/80/80(Min)
Screen thickness	9mm
Lifting time	30S
Elevation angle	0~28°
Video interface	1 VGA input
Control connection	1 group RJ45(232/485) control lift screen and mic I/O interface; 1 group 8-core mic I/O interface
Pickup mode	Flip-type array mic pickup
Directivity	Directional Broadband
Output impedance	47KΩ
Sensitivity	38dB
Built-in microphone	11
Max. SPL	113dB SPL@1kHz
Power consumption	12W
Weight	15kg
Power supply	AC 220V 50-60/Hz
Operation environment	Operation temperature: -5~45℃; storage humidity: 10%~95%;

Main screen

Sub screen

interface

Array microphone

Device main Power switch
Panel after screen down
USB port
Function button area
Pickup unit
Panel

Conference array microphone—Press type W81P

Features:

1.Press the embedded array microphone, press UP key when using to pop up the

2.microphone, when not using, it can be embedded under the table, the desktop is clean and tidy;

3.Array pickup, built-in 17 microphones, high sensitivity, long pickup distance;

4.Cystic pickup, about 80cm pickup distance;

5.Hand-in-hand connection with T-8 core of W80M host for signal transmission;

6.Touch to speak, LED indication;

7.With the seamless switching matrix card of conference host W30M and HD, the HD

8.camera tracking function can be set up.

Specification

Frequency response	50-16KHz
SNR	90dB
Dynamic range	95dB
THD	≤0.05%
Microphone type	Cardioid capacitive
Sensitivity	-36dB
Max. consumption	1W
Color	Black/silver
Embedded size	354×77.5×139 mm
Microphone + panel	368×90×141.5 mm

Digital Array Conference Host PC-W701
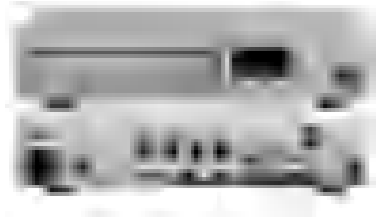
This product has independent intellectual property rights of digital transmission and control technology, combined full digital technology into the conference system, and fully combines advanced digital technology with audio technology. It also achieves the overall control and management of the conference process, leading the industry in providing a complete and efficient comprehensive solution to the modern conference system. This conference system not only has the advantages of stable and reliable quality, safe and accurate data, simple and applicable operation, simple and convenient system maintenance, etc. It also has good scalability and seamless connection with the central control system. The system can implement digital voting system, video tracking system, digital discussion system, digital conference system and so on, mainly for small and medium-sized conference projects.

Features:

1. Number of standard mounting units: 30 in one channel, 4 conference microphone interfaces are provided by the host, and a total of 90 conference units can be connected at the same time (when the extension line from host to microphone is 10M, the extension line from host to microphone can be as long as 100m (at this time, no more than 15 microphones can be carried per channel).

2. Flexible support for automatic discussion and video tracking

3. Fine tune the voice of the dialog with 2 sets of 3-band equalized lines

4. You can set any one to six microphones including the chairman to be switched on at the same time, and the chairman microphones count in the number of switching on units;

5. With fire alarm interface, it can link with fire control system to ensure the safety of attendees. (Optional)

6. With a 3-in-1-out video matrix, you can directly control up to three cameras to complete video conferencing functions

7. External Balanced Input, AUX Input, AUX Output, MAIN Output Interfaces for Multiple Input and Output Interfaces

8. Built-in DSP adaptive audio processor to suppress echo as much as possible

9. Standard and safe global wide power design 100--230V AC power supply, with high power switch transformer inside, sufficient power

10. In addition to meeting local requirements, it can also be used by discussion units, whose output voltage is 24V DC power supply, which is within the safe voltage range, ensuring that attendees use the number of safe standard mounted units

Specifications

Power supply	AC 100 V~240 V 50/60 Hz
Standard consumption	<120 W
Frequency response	20--25000 Hz（+-3 dB）
SNR	>80 dB(A)
Dynamic range	>90 dB
THD	<0.1% AT 1KHz
Crosstalk	>80 dB
Display	122x32LCD screen
Environment	-20~60℃/0-95%(No coagulation)
Protection capability	Rainproof, dustproof, salt fog proof

Smart Conference File Management Server PC-SERVER-20

Smart Conference File Management Server (installing paperless conferencing system background management software) manages and distributes files in conference rooms (1-20 terminals), and improves the ability of conference information exchange, management and information security backup. Responsible for the processing of conference files, mainly completes functions such as check-in, voting, file projection, file on-screen, file annotation, etc. on the terminal screen of the conference. Conference process files can be stored in real time in an intelligent paperless conference server.

Features:
1. Ultra-silent: AVC dual-ball copper core fan with maximum noise 21.6dB (A)
2.19 inch standard rack mounting
3.Environmental protection: Low power consumption, low carbon emissions, no harmful substances such as mercury and sodium, meeting the environmental requirements of paperless.

Specifications

Processor	Intel® Core(TM) i5-6500 CPU frequency：3.2GHz
Motherboard	Industrial level
Hard Disk	1TB
ROM/RAM	DDR4/4G
Power supply	Industrial level ATX300W power
OS	windows server
Fan	AVC dual-ball copper core fan Safe operation 10000 hours
Chipset	Intel high speed chip
ROM	Max. DDR4 32GB
Network interface	GBEx2
COM interface	5xRS232
PS2 interface	1
PICE expand slot	1
Video interface	VGA；DVI；HDMI
USB	Four USB2.0 four USB3.0
Material	Anodic oxidation SGCC
Installation	Rack-mount
Color	Black
Dimension (LxDxH/mm)	483x450x89 without handle
Power supply	AC220V 50/60HZ
Power consumption	300W；
Weight	9KG
Environment	Operation temperature: -5~45℃；operation humidity: 5%~95%; Storage temperature:-25~65℃；storage humidity: 5%~95%

Smart Conference File Management Server
PC-SERVER-60

Centralized and effective management of multimedia intelligent paperless system in one conference room or multiple conference rooms (depending on the software) through local area network, improves the ability of information exchange, management and information backup of multimedia paperless system. Smart Conference File Management Server (installing paperless conferencing system background management softwareV1.0) manages and distributes files in conference rooms (1-100 terminals), and improves the ability of conference information exchange, management and information security backup. Responsible for the processing of conference files, mainly completes functions such as check-in, voting, file projection, file on-screen, file annotation, etc. on the terminal screen of the conference. Conference process files can be stored in real time in an intelligent paperless conference server.

Features:

1.iKVM(KVMoverEthernet) remote management function.

2. 1U standard rack enclosure, with maximum support of four 3.5 inch hot-plugged hard disks;

3. Enterprise-grade dedicated square motherboard, supporting Intel Xeon dual-channel E5 series processor CPUs, using DDR4 memory technology, supporting 512G storage expansion capacity;

4.Environmental protection: Low power consumption, low carbon emissions, no harmful substances such as mercury and sodium, meeting the environmental requirements of paperless.

Specifications

CPU model	INTEL Xeon E5 series
CPU max frequency	2.5GHz
Standard CPU number	1
Bus	QPI 8GT/s：2
CPU core	12-core(Stand Bridge EP)
CPU thread number	24-threads
Motherboard	Intel C602
Memory	Type ECC DDR4
Memory capacity	8GB
Number of Memory slots	8
Max. ROM	512GB
Standard hard drive capacity	1T
Network	Integrated dual-port Gigabit
COM interface	1 xRS232
Video interface	1 ,VGA
USB	Front USB2.0 x2 rear USB2.0 x2
Dimension (LxDxH/mm)	1U(660x430x43.5)
OS	Windows Server 2008
Installation	Rack-mount
Power	400W
Power supply	AC220V 50/60HZ
Environment	Operation temperature: 10~35℃；storage humidity: 20%~90%(No coagulation)

Smart Conference Streaming Media Server
PC-SERVER-SM

Streaming media server software system is a complete set of software system for streaming media encoding, distribution and storage, including live, on demand, virtual live, transcoding, video management system. The main functions of smart terminals such as mobile phones, tablets and computers are to collect, cache, schedule, transmit and play media content.

Features:

1. The main performance of supporting multiple PCs, live streaming of Android audio and video, and streaming media application systems depends on the performance and quality of service of the media server.

2. Support the international general video standard protocols: H323, SIP, ITU-T standards. Video supports H.261, H.263, H.263+, H.264 encoding protocols. Supports CIF, 4CIF, 720p, 1080P and other different image formats.

3. Supports HD codec capabilities under H.264 protocol.

4.iKVM(KVMoverEthernet) remote management function.

5. 1U standard rack enclosure, with maximum support of four 3.5 inch hot-plugged hard disks;

6. Enterprise-grade dedicated square motherboard, supporting Intel Xeon dual-channel E5 series processor CPUs, using DDR4 memory technology, supporting 512G storage expansion capacity;

Specifications

CPU model	INTEL Xeon E5 series
CPU max frequency	2.5GHz
Standard CPU number	2
Bus	QPI 8GT/s：2
CPU core	12-core(Stand Bridge EP)
CPU thread number	24-threads
Motherboard	Intel C602
Memory	Type ECC DDR4
Memory capacity	8GB
Number of Memory slots	8
Max. ROM	512GB
Standard hard drive capacity	1T
Network	Integrated dual-port Gigabit
COM interface	1xRS232
Video interface	1 ,VGA
USB	Front USB2.0 x2 rear USB2.0 x2
Dimension (LxDxH/mm)	1U(660x430x43.5)
OS	Windows Server 2008
Installation	Rack-mount
Power	400W
Power supply	AC220V 50/60HZ
Environment	Operation temperature: 10~35℃；storage humidity: 20%~90%(No coagulation)

AI Language Recognition Function

Features

1. One-stop complete realization of real-time input, transcription, editing, and exporting of conference speech, converting the language of conference speakers into text, real-time recognition, conversion, and translation into multiple national characters, and saving in Word format, with an accuracy rate of up to 90% above.

2. Precise language-to-text recording of conference speakers: Relying on LOTFUN digital speech microphones, the texts of different speakers are converted during the conference, and are stored in the conference server in paragraphs according to the names of the speakers.

3. Using the leading international streaming end-to-end speech-language integration modeling method SMLTA, combined with Chinese semantic understanding and intelligent error correction, the accuracy rate of Mandarin Chinese recognition reaches 98%;

4. Using a large-scale language model, intelligently predict the context, and provide intelligent sentence segmentation and punctuation prediction. At the same time, upload the audio stream to the cloud, and the transcription service will return the text results in real time. Simultaneous display of text and sound can be achieved.

Specifications

OS	windows7
Output resolution	1920x1080 dpi
Processor	Intel Core 15 2.5 GHz
Storage	DDR 4G
Hard disk	60G SSD500G
Input interface	DC*1、RJ45*1、USB2.0*2、USB3.0*2
Output interface	VGA*1、HDMI*1、AUDIO IN*1 AUDIO OUT*1、COM*1
Housing material	Anodized aluminum structure
Dimension	220x200x40
Color	Black/silver
Power requirement	DC12V/5A
Power	60W
Weight	5KG
Power supply	AC220V 50/60HZ27
Environment	Operation temperature: -5~45℃; Storage temperature: -25~65℃; Operation humidity: 10%~95% Storage humidity: 10%~95%

AI Speech to Text System

1. One-stop complete realization of real-time input, transcription, editing, and exporting of conference speech, converting the language of conference speakers into text, real-time recognition, conversion, and translation into multiple national characters, and saving in Word format, with an accuracy rate of up to 90% above.

2. Precise language-to-text recording of conference speakers: Relying on digital speech microphones, the texts of different speakers are converted during the conference, and are stored in the conference server in paragraphs according to the names of the speakers

Application

The device is developed based on embedded platform and uses industry-leading embedded architecture. Conferencing terminals can be raised individually, in groups, or in whole, depending on your needs. The ultra-thin LCD elevator can be set up to control the LCD elevator independently and networked according to different requirements of meeting content. It can be widely used in government, enterprise, teaching and other occasions to meet the needs of diversified customer system development and office environment automation.

Smart Conference System W80 series

W80D

W81D

W80C

W80DA

W80M

Main host for conference system W80M

Features:

1.Using the combination of digital communication technology and audio technology, the conference process can be controlled and managed in an all-round way. Waterproof capability rain proof, dust proof, salt fog proof.

2.Digital and analog dual backup, the meeting will not be interrupted in case of failure.

3.The system can carry up to 60 units and up to 100 meters in length. (After the extension cable from the host to the microphone exceeds 20M, a 2*1.0 power cord needs to be connected between the host and the first microphone. With the digital conferencing 8-core extension cable, the microphone is powered and used in combination with the digital microphone distribution box. The multilevel extension connection is supported and up to 5000 microphones can be extended.

4.Support first-in first-out mode, last-in-last-out mode, restricted mode, computer/chairman permission mode, and free discussion mode.

5.Camera tracking: 4-in-1-out SDI video matrix, which can directly control up to four high-definition cameras and complete automatic image switching in video conferences.

6.With an RS232 interface, it can be connected to a computer or a central control system to control the functions of the microphone and the host and sign in and vote at the meeting.

7.With 1 RS232 and 1 RS485 camera control output port, it can directly output Pelco-P, Pelco-D, VISCA control protocol.

8.Support real-time modification of the microphone identity, and realize the free switching of the microphone identity among the chairman, VIP, and delegate.

9.The built-in DSP adaptive audio processor can suppress echo as much as possible.

10.With two sets of three equalization lines, the microphone output and the microphone speaker sound can be adjusted independently.

11.With fire alarm interface, it can link with fire control system to ensure the safety of attendees. (Optional).

12.Multiple input and output interfaces, 2 sets of main input, 1 set of seat input and 2 sets of original output, 2 sets with feedback audio main output, and 1 set of chairman microphone audio backup balance input interface.

13.Supports CAT6 network cable transmission, and extension cable supports up to 50M (using dedicated adapter box).

14.With 24V DC output connector, special power cord can be used to power the microphone when the extension cable is too long. (Optional).

15.In addition to local use, it can also be used by discussion units, whose output voltage is 24V DC power supply, which is a safe voltage range to ensure the safety of attendees.

16.4.3 inch touch screen display, intuitive and clear graphical interface, advanced management and control functions, graphical interface design, display all function items and set operation information, and have the function of timing and timed speech.

Specifications

Power supply	AC100V~240V50/60Hz
Power consumption	<240W
Frequency response	50--18000Hz（±3dB）
SNR	>80dB(A)
Dynamic range	>90dB
THD	＜0.5%@1KHz
Channel crosstalk	>80dB

dual-backup chairman microphone two head W80DA

Features:

1.Dual backup microphones (one phantom-powered for mic audio channel, one for conference system audio channel, this two are completely independent) to prevent failure from terminating the conference;

2.Big mute button;

3.New touch control technology, 3.5 inch full color capacitive touch screen;

4.Support speech, sign-in, voting function with one conference unit;

5.Short all-metal pickup head

6.High sensitivity microphone design, pick-up distance up to 80cm;

7.Red-green two-color light design to indicate the status of speaking;

8.Support multi-chairman mic at the same time;

9.Each conference microphone has a unique ID number that can be modified at will.

10.With the camera, the camera can be tracked automatically by using the conference control host or PC control software settings;

11.Supports five-key voting, and can customize the prompt text of voting keys through the computer;

12.With host, it support first-in first-out mode, last-in-last-out mode, restricted mode, chairman permission mode, and free discussion mode.

13.The identity of the microphone can be set by user with host settings. The microphone can switch freely among representatives, chairmen and VIP.

14.Support "ring hand-in-hand" connection, can connect backup host, make system connection more convenient and reliable;

15.Super anti-mobile RF interference;

16.The chairman microphone has a priority key function to turn off the delegate unit that is speaking;

17.Support for changing the main interface, can provide customized interface for customers

Specifications

Directivity	Hypercardioid
Screen size	3.5"
Resolution	480*320
Frequency response	20-20,000 Hz
Sensitivity	-36 dB
Output impedance	<200 Ω
Max. sound pressure	136dB (1%T.H.D.1kHz, 0dB SPL=2x10Pa)
Pickup head	9.7mm gold-plated capacitive x2
Power supply	24V DC

Delegate microphone with LCD screen W80D

Features:

1.New touch control technology, 3.5 inch full color capacitive touch screen;

2.Support speech, sign-in, voting function with one conference unit;

3.Short all-metal pickup head

4.High sensitivity microphone design, pick-up distance up to 80cm;

5.Red-green two-color light design to indicate the status of speaking;

6.Each conference microphone has a unique ID number that can be modified at will.

7.With the camera, the camera can be tracked automatically by using the conference control host or PC control software settings;

8.Supports five-key voting, and can customize the prompt text of voting keys through the computer;

9.The identity of the microphone can be set by user with host settings. The microphone can switch freely among representatives, chairmen and VIP.

10.Support "ring hand-in-hand" connection, can connect backup host, make system connection more convenient and reliable;

11.Super anti-mobile RF interference;

12.Support for changing the main interface, can provide customized interface for customers

Specifications

Directivity	Hypercardioid
Screen size	3.5"
Resolution	480*320
Frequency response	20-20,000 Hz
Sensitivity	-36 dB
Output impedance	<200 Ω
Max. sound pressure	136dB (1% T.H.D.1kHz, 0dB SPL=2x10Pa)
Pickup head	9.7mm gold-plated capacitivex1
Power supply	24V DC

Dual-backup chairman microphone single head with LCD **W80C**

Features:

1.Big mute button;

2.New touch control technology, 3.5 inch full color capacitive touch screen

3.Support speech, sign-in, voting function with one conference unit;

4.Short all-metal pickup head

5.High sensitivity microphone design, pick-up distance up to 80cm;

6.Red-green two-color light design to indicate the status of speaking;

7.Each conference microphone has a unique ID number that can be modified at will.

8.With the camera, the camera can be tracked automatically by using the conference control host or PC control software settings;

9.Supports five-key voting, and can customize the prompt text of voting keys through the computer;

10.With host, it support first-in first-out mode, last-in-last-out mode, restricted mode, chairman permission mode, and free discussion mode.

11.The identity of the microphone can be set by user with host settings. The microphone can switch freely among representatives, chairmen and VIP.

12.Support "ring hand-in-hand" connection, can connect backup host, make system connection more convenient and reliable;

13.Super anti-mobile RF interference;

14.The chairman microphone has a priority key function to turn off the delegate unit that is speaking;

15.Support for changing the main interface, can provide customized interface for customers

Specifications

Directivity	Hypercardioid
Screen size	3.5", Resolution: 480x320
Frequency response	20-20,000 Hz
Sensitivity	-36 dB
Output impedance	<200 Ω
Max. sound pressure	136 dB (1% T.H.D.1kHz, 0dB SPL=2x10Pa)
Pickup head	9.7mm gold-plated capacitive x1
Power supply	24V DC

Delegate microphone no screen **W81D**

Features:

1.Short all-metal pickup head

2.High sensitivity microphone design, pick-up distance up to 80cm;

3.Red-green two-color light design to indicate the status of speaking;

4.Each conference microphone has a unique ID number that can be modified at will.

5.With the camera, the camera can be tracked automatically by using the conference control host or PC control software settings;

6.With host, it support first-in first-out mode, last-in-last-out mode, restricted mode, chairman permission mode, and free discussion mode.

7.Support "ring hand-in-hand" connection, can connect backup host, make system connection more convenient and reliable;

8.Super anti-mobile RF interference;

Specifications

Directivity	Hypercardioid
Frequency response	20-20,000 Hz
Sensitivity	-36 dB
Output impedance	<200 Ω
Max. sound pressure	136 dB (1% T.H.D.1kHz, 0dB SPL=2x10 Pa)
Pickup head	9.7mm gold-plated capacitive x1
Power supply	24V DC

Analog Independent Wired Conference System

W80A

Conference microphone   W80A

Features:

1.Short all-metal pickup head

2.High sensitivity microphone design, pick-up distance up to 50cm;

3.Red-green two-color light design to indicate the status of speaking;

4.Super anti-mobile RF interference;

5.XLR balanced audio transmission directly connected to mixer, PA speaker MICIN(with phantom power supply)

Specifications

Directivity	Hypercardioid
Frequency response	20-20,000 Hz
Sensitivity	-36 dB
Output impedance	＜200 Ω
Max. sound pressure	136 dB (1% T.H.D.1kHz，0dB SPL=2x10 Pa)
Pickup head	9.7mm gold-plated capacitivex1
Power supply	24V-48V phantom power

UHF ᴅual-backup wireless conference system

Wireless desktop microphone system W35R2/D

W35R2/TH
W35R4/TH
W35R8/TH

W35R2/TBH
W35R4/TBH
W35R8/TBH

W35R2/TBL
W35R4/TBL
W35R8/TBL

W35R2/D
W35R4/D
W35R8/D

X2

Product introduction

1. A 2-channel wireless microphone transceiver host and 2 wireless conference transmitter composed of microphone system;
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Desktop microphone transmitter selection 3.7V/2A rechargeable lithium battery power supply, with USB charging connection port;

CD69 Microphone charger（Optional products）
1. 12-way USB2. 0 charging outlet.
2. AC input power supply: AC100-240V, 50-60Hz
3. Output DC5V~1A.
4. It can charge 12 microphone units at the same time.
5. LED light for charging indication.
6. The USB charging cable is: USB2.0 TO MICRO5P

Specifications:

Wireless Microphone Transceiver		Wireless Conference Transmitter	
Power supply	DC12V@2A	Power supply	DC3.7V@2A
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz($\pm$3dB)	Frequency response	50-15000Hz($\pm$3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	$\pm$45KHz		
Power consumption	10W		

Wireless desktop microphone system **W35R4/D**

Wireless desktop microphone system **W35R8/D**

X4

X8

Product introduction

1. A 4-channel wireless microphone transceiver host and four wireless conference transmitter composed of microphone system;
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Desktop microphone transmitter selection 3.7V/2A rechargeable lithium battery power supply, with USB charging connection port;

CD69 Microphone charger (Optional products)

1. 12-way USB2. 0 charging outlet.
2. AC input power supply: AC100-240V, 50-60Hz
3. Output DC5V~1A.
4. It can charge 12 microphone units at the same time.
5. LED light for charging indication.
6. The USB charging cable is: USB2.0 TO MICRO5P

Specifications:

Wireless Microphone Transceiver		Wireless Conference Transmitter	
Power supply	DC12V@2A	Power supply	DC3.7V@2A
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Product introduction

1. A 8-channel wireless microphone transceiver host and 8 wireless conference transmitter composed of microphone system;
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Desktop microphone transmitter selection 3.7V/2A rechargeable lithium battery power supply, with USB charging connection port;

CD69 Microphone charger (Optional products)

1. 12-way USB2. 0 charging outlet.
2. AC input power supply: AC100-240V, 50-60Hz
3. Output DC5V~1A.
4. It can charge 12 microphone units at the same time.
5. LED light for charging indication.
6. The USB charging cable is: USB2.0 TO MICRO5P

Specifications:

Wireless Microphone Transceiver		Wireless Conference Transmitter	
Power supply	DC12V@2A	Power supply	DC3.7V@2A
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Wireless handheld microphone system **W35R2/TH**

X2

Product introduction

1. A 2-channel wireless microphone transceiver host and 2 wireless handheld transmitter composed of microphone system;
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. With aluminum alloy handle,dynamic mic, soft tone. The power supply uses 2 AA batteries.

Specifications:

Wireless Microphone Transceiver		Wireless Handheld Transmitter	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Wireless handheld microphone system **W35R4/TH**

X4

Product introduction

1. A 4-channel wireless microphone transceiver host and 4 wireless handheld transmitter composed of microphone system;
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. With aluminum alloy handle,dynamic mic, soft tone. The power supply uses 2 AA batteries.

Specifications:

Wireless Microphone Transceiver		Wireless Handheld Transmitter	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Wireless handheld microphone system W35R8/TH

X8

Product introduction

1. A 8-channel wireless microphone transceiver host and 8 wireless handheld transmitter composed of microphone system;
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. With aluminum alloy handle,dynamic mic, soft tone. The power supply uses 2 AA batteries.

Specifications:

Wireless Microphone Transceiver		Wireless Handheld Transmitter	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Wireless waistbag-black clip microphone system W35R2/TBL

X2

Product introduction

1. A 2-channel wireless microphone transceiver host and 2 wireless waistband transmitter composed of microphone system
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Collar clip microphone with condenser mic, high sensitivity and soft tone. The power supply uses 2 AA batteries.

Specifications:

Wireless Microphone Transceiver		Wireless Waistband Transmitter	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Wireless waistbag-black clip microphone system
W35R4/TBL

X4

Product introduction

1. A 4-channel wireless microphone transceiver host and 4 wireless waistband transmitter composed of microphone system
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Collar clip microphone with condenser mic, high sensitivity and soft tone. The power supply uses 2 AA batteries.

Specifications:

Wireless Microphone Transceiver		Wireless Waistband Transmitter	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Wireless waistbag-black clip microphone system
W35R8/TBL

X8

Product introduction

1. A 8-channel wireless microphone transceiver host and 8 wireless waistband transmitter composed of microphone system
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Collar clip microphone with condenser mic, high sensitivity and soft tone. The power supply uses 2 AA batteries.

Specifications:

Wireless Microphone Transceiver		Wireless Waistband Transmitter	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Wireless waistbag-skin color headset microphone system
W35R2/TBH

X2

Wireless waistbag-skin color headset microphone system
W35R4/TBH

X4

Product introduction

1. A microphone system consisting of a 2-channel wireless microphone transceiver and 2 wireless waistband transmitters.
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Headset microphone uses a condenser mic with high sensitivity and soft sound. The power supply uses 2 AA batteries.

Product introduction

1. A microphone system consisting of a 4-channel wireless microphone transceiver and 4 wireless waistband transmitters.
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Headset microphone uses a condenser mic with high sensitivity and soft sound. The power supply uses 2 AA batteries.

Specifications:

Wireless Microphone Transceiver		Wireless Waistband Transmitters	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Specifications:

Wireless Microphone Transceiver		Wireless Waistband Transmitters	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		

Wireless waistbag-skin color headset microphone system
W35R8/TBH

X8

Product introduction

1. A microphone system consisting of a 8-channel wireless microphone transceiver and 8 wireless waistband transmitters.
2. The system UHF band, PLL frequency synthesis technology can be set between 470-920MHZ according to different regions.
3. Optional multi-frequency, OLED display channel, frequency, mute function, AF audio, RF radio frequency indication, battery power.
4. Automatically scan the frequency, detect the frequency to avoid interference, and lock the idle channel quickly.
5. LR auto-frequency pairing.
6. The system can simultaneously use 32 left and right microphones (in the full frequency domain), with anti-mobile phone, anti-interference of the same frequency, receiving and transmitting spacious distance of around 100 meters.
7. The number of FM points is 50 per channel, totaling 200.
8. Headset microphone uses a condenser mic with high sensitivity and soft sound. The power supply uses 2 AA batteries.

Specifications:

Wireless Microphone Transceiver		Wireless Waistband Transmitters	
Power supply	DC12V@2A	Power supply	DC3.0V(2xAA1.5V)
Frequency	470-920MHZ	Frequency	470-920MHZ
Frequency response	50-15000Hz(±3dB)	Frequency response	50-15000Hz(±3dB)
SNR	90dB(A)	SNR	90dB(A)
Dynamic range	95dB	Dynamic range	95dB
THD	≤0.5%	THD	≤0.5%
Receive sensitivity	<-99dBm	Receive power	10-20mW
Debug method	FM	Debug method	FM
Pilot frequency	30KHz	Pilot frequency	30KHz
Max. frequency offset	±45KHz		
Power consumption	10W		