



Intelligent Conference Microphone System



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A77	Dual-screen desktop array microphone
A78	Dual-screen embedded array microphone

W40M series intelligent conferencing system

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W80 series intelligent conference system

W80M	Intelligent conference host
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W80C-A	Digital and analog dual backup conference chairman microphone (with screen and short pole)
W80D	Conference microphone (with screen and short pole)
W80D-A	Digital dual backup conference microphone (with screen and short pole)
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W81D	Digital conference microphone (without screen and short pole)
W81D-A	Digital and analog dual backup conference microphone (without screen, short pole)
W80DA	Digital and analog dual backup dual-rod conference microphone (with screen and short rod)
W80C/L	Digital conference chairman microphone (with screen and long microphone rod)
W80C/L-A	Chairman microphone for digital and analog dual backup conference (with screen and long microphone rod)
W80D/L	Digital conference microphone (with screen and long microphone rod)
W80D/L-A	Digital and analog dual backup conference microphone (with screen and long microphone rod)
W81C/L	Digital conference chairman microphone (without screen, long microphone rod)
W81C/L-A	Chairman microphone for digital and analog dual backup conference (without screen, long microphone rod)
W81D/L	Digital conference microphone (without screen, long microphone rod)
W81D/L-A	Digital and analog dual backup conference microphone (without screen, long microphone rod)

Wired analog conference microphone

W30A	Wired analog conference microphone
W80A	Wired analog conference microphone
W88A	Wired dual-rod analog conference microphone
W80A/L	Wired gooseneck analog conference microphone

Voice-to-text transcription terminal

Online version of voice-to-text transcription

AI-YY-W58	AI voice recognition service terminal (online version)
AI-YY-V1.0	Speech to Text AI Software (online version)

AI voice transcription terminal (offline version)

AI-YY-W55	AI voice transcription terminal (offline version)
AI-YY-W56	AI voice transcription text service terminal (offline version)
AI-YY-W57	AI voice transcription service engine (offline version)
AI-YY-V2.0	AI Speech-to-text service software (offline version)

W30M series

intelligent conferencing system

As a basic version of the hand-in-hand conference system, it integrates digital audio transmission and touch screen operation, supports up to 120 units, and is flexibly connected through a T-shaped 6-core cable. It supports 8-channel microphone simultaneous transmission, six management modes, integrated camera tracking, remote management, and other functions. It is resistant to mobile phone interference and ensures conference security. Application scenarios: conference rooms, auditoriums, and administrative centers of government units and departments; Conference rooms and multi-function halls of enterprises and institutions; Teaching, lecture hall, etc.



W30M
Intelligent conference
master control machine



W30D
Screenless single-pole
digital microphone



W31D
Single-screen
single-pole digital
microphone



W32D
Dual-screen single-rod
digital microphone



W32DA
Dual-screen single-bar
digital-analog backup
microphone



W33DA
Dual-screen dual-bar
digital-analog backup
microphone



A77
Dual-screen desktop array
microphone



A78
Dual-screen embedded array
microphone

W30M

Intelligent conference master control machine

- Adopts digital audio transmission technology, various menu functions are set through the touch screen.
- Dual backup of digital and analog, ensuring uninterrupted meetings in case of malfunctions.
- The system has a capacity of 120 units (including 40 dual screen microphones) connected in series with T-shaped 6-core cables.
- Can be cascaded and expanded, supporting 8 microphones to speak simultaneously.
- 6 microphone management modes: first-in-first-out, apply for speech, free mode, quantity limit, voice control mode, and queue for speech.
- Camera tracking: The R485 interface supports 8-way camera tracking.
- TCP/IP network interface for remote management; Built in RS232 central control instruction interface, seamlessly integrated with the central control.
- Sign in, vote, and speech function.
- Speech timing and timed speech function.
- The chairman unit can be designated in the background, and the chairman has priority. Anti mobile phone interference.
- The audio signal is output to backend devices such as audio processors, mixing consoles, amplifiers, speakers, etc. through Phoenix terminals and XLR interfaces.



Technical Parameters

Power supply	AC100-240V, 50-60Hz
Power consumption (related to the number of units)	Single machine 25w, maximum 320w
Frequency response	50-16KHz
S/N ratio	100dB
Dynamic range	98dB
THD	≤0.05%
Main controller inputs	4 hand-in-hand connectors + 1 analog MIC IN
Main controller outputs	3 Phoenix terminals+1 XLR total output
LCD touch screen	3.5-inch capacitive touch screen with the resolution of 480 x 320
Unit connectors	6-pin DIN cable x 4
Cabinet capacity of main controller	2U
Product dimensions(L x W x H)	483 x 354 x 93 mm
Product weight	5.64 kg

W30D

Screenless single-pole digital microphone

- Screenless digital transmission microphone.
- Anti mobile phone interference.
- A pickup distance of about 80cm.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
Material of microphone casing	All aluminum alloy

W31D

Single-screen single-pole digital microphone

- Single display digital transmission microphone.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.
- Timer after opening and timed opening function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.



Technical Parameters

Single microphone	114mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Screen	Rectangular 3.5 " capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	All aluminum alloy

W32D

Dual-screen single-rod digital microphone

- Dual screen digital transmission microphone.
- Timer after opening and timed opening function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.
- The rear LCD screen is an electronic table sign that can display the names of attendees or the company logo, serving as a seat guide.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Screen	Rectangular 3.5 " capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	All aluminum alloy

W32DA

Dual-screen single-bar digital-analog backup microphone

- Dual screen digital analog dual backup microphone (one analog audio is directly connected to the mixing console for 48V power supply, and the other digital audio is transmitted to the main control computer) to prevent the conference from being interrupted due to malfunctions.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.
- The rear LCD screen is an electronic table sign that can display the names of attendees or the company logo, serving as a seat guide.
- Timer after opening and timed opening function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Screen	Rectangular 3.5 " capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
Power supply	24-48V DC
External material	All aluminum alloy

W33DA

Dual-screen dual-bar digital-analog backup microphone

- Dual display digital analog dual backup audio transmission microphone.
- Dual microphone short pole pickup enhances sound sensitivity and amplification effect.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.
- The rear LCD screen is an electronic table sign that can display the names of attendees or the company logo, serving as a seat guide.
- Has speech timing and timed speech function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.
- Digital analog dual backup microphone, one analog audio is directly connected to the mixing console for 48V power supply, and the other digital audio is transmitted to the main control computer to prevent conference interruptions due to malfunctions.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 2
Polar pattern	Supercardioid
Screen	Rectangular 3.5 " capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	All aluminum alloy

A77 / A78
Array microphone

Array microphone is a high-quality microphone device with a stylish and elegant appearance. It adopts aluminum alloy material for integrated molding, showcasing a noble and dignified temperament. This microphone features advanced digital microphone array technology that can establish its own pickup channel and range, ensuring stable sound pressure levels regardless of the speaker's location. By utilizing fully digital conferencing technology, equipped with high-performance CPU processors and systems developed based on digital network architecture, faster processing speeds and better sound quality performance can be achieved.

With a convenient touch switch, users can easily perform speaking operations. The device is equipped with an OLED screen, which can display date, identity information, unit number function in standby mode, and has a countdown function for speaking. The microphone has excellent pickup performance, achieving a pickup distance of over 80cm and a larger and farther pickup range, allowing the microphone to be placed freely and increasing operating space.

This microphone has a unique directional design, which can accurately capture the sound source and effectively control the interference of surrounding noise. The sensitivity control function can accurately control the sensitivity of the effective pickup range and improve the sound transmission gain of the system. Simultaneously balancing the sound quality of analog capacitors and the directional receiving characteristics of arrays, it can be connected to any analog processor system, making it convenient to quickly build high-quality digital array conference systems.

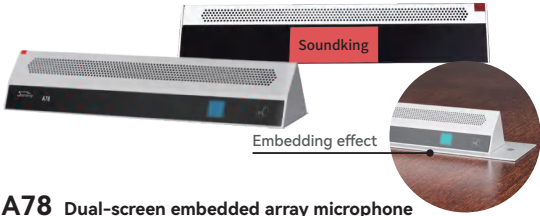
The microphone is flexible in configuration and can be configured as a chairman or executive chairman for any unit. The use of suction cups ensures a sturdy structure, and multiple microphones are arranged in an excellent pickup effect. The speech indicator light (red) in the upper left corner can be used for applications such as speech indication and unit number indication. The back is equipped with a 2.8-inch TFT display screen, which can be freely modified to display the person's name or company logo.

The hidden adjustable gain knob can quickly set the entire system according to the on-site sound reinforcement conditions. The product design also adopts a cystic pickup area, which can better focus on the target sound source and provide clear and high-quality audio capture effects. This digital handheld array microphone is the ideal choice for your meetings, speeches, and other occasions.



A77 Dual-screen desktop array microphone

Technical Parameters	
Array microphone	9mm gold-plated condenser mic x 17
Frequency response	80Hz-16kHz
Max.SPL	120dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	Aluminum alloy
Pickup distance	>80cm
Sensitivity	-36dB
Product dimensions (L x W x H)	284 x 70 x 66 mm
Packaging dimensions (L x W x H)	340 x 115 x 125 mm
Product weight	0.72 kg



A78 Dual-screen embedded array microphone

Technical Parameters	
Array microphone	9mm gold-plated condenser mic x 17
Frequency response	80Hz-16kHz
Max.SPL	120dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	Aluminum alloy
Pickup distance	>80cm
Sensitivity	-36dB
Product dimensions (L x W x H)	366 x 96 x 104 mm (Height of microphone from desktop after flip 51mm)

I Product Features

Aluminum alloy integrated molding	Adopts aluminum alloy material for integrated molding, the appearance is fashionable and elegant, showcasing a noble and dignified temperament.
Digital microphone array technology	By adopting innovative digital microphone array technology, it can establish its own pickup channel and range to ensure stable sound pressure levels regardless of the speaker's location.
All digital conference technology	Adopts high-performance CPU processors and fully digital conference technology developed based on digital network architecture, it has faster processing speed and better sound quality performance.
Light touch switch	Adopts a touch switch, it is convenient and easy to perform speaking operations.
OLED screen display	The device is equipped with an OLED screen, which can display date, identity information, unit number in standby mode, and has a countdown function for speaking.
Excellent pickup performance	With a pickup distance of over 80cm and a larger and farther pickup range, the microphone can be placed freely, increasing activity space.
Unique directionality design	Can accurately capture sound sources and effectively control the interference of surrounding noise.
Sensitivity control	Accurately controlling the sensitivity of the effective pickup range effectively enhances the sound transmission gain of the system.
Analog condenser and array microphone directional pickup	Simultaneously balances the sound quality of analog condenser microphone and the directional pickup characteristics of the array microphone.
Compatible with multiple systems	It can be connected to any analog processor system (digital automatic mixing system, digital audio processor, mixing console, etc.), making it convenient to quickly build high-quality digital array conference systems.
Stable structure	The bottom adopts a suction cup structure, which makes the microphones neatly arranged on the desktop and not easy to move, and the overall desktop arrangement is nice-looking.
Speech indicator light	The speech indicator light (red) in the upper left corner can be used for applications such as speaking indication and unit number indication.
Design of cystic pickup area	Adopts a design of cystic pickup area, which allows it to better focus on the target sound source and provide clear and high-quality audio capture effects.
Flip function(A78)	Embedded installation, press the switch to flip and open, easy operation, neat and stylish desktop.

W30MDseries

digital dual backup intelligent conferencing system

The dual digital audio transmission technology constructs a real dual backup system, and the high-sensitivity dual-rod microphone ensures clear and uninterrupted sound. Color touch screen, easy to operate. Support cascading expansion, multiple management modes, camera tracking, and integration of check-in, voting, and other functions to create a stable and efficient conference environment. Application scenarios: conference rooms, auditoriums, and administrative centers of government units and departments; Conference rooms and multi-function halls of enterprises and institutions; Teaching, lecture hall, etc.



W30MD
Dual backup master control
machine



W42D
Dual-screen single-rod
digital backup
microphone



W43D
Dual-screen dual-bar
digital backup
microphone

W30MD

Dual backup master control machine

- Dual digital audio transmission technology, effectively preventing failure to suspend the meeting.
- Dual pole microphone, high sensitivity, wide pickup range.
- Color touch screen, computer-based direct control of various functions.
- Cascade expansion: can be cascaded whenever microphone capacity needs to be increased in any location.
- 6 microphone management modes: first-in-first-out, apply for speaking, free mode, quantity limit, voice control mode, and queue for speech.
- Supports simultaneous speech from 8 microphones.
- Supports 8-way camera tracking: RS485 interface.
- Sign in, vote, and speech function.
- Speech timing and timed speech function.
- TCP/IP network interface for remote management; Built in RS232 central control instruction interface, seamlessly integrated with the central control.
- The audio signal is output to backend devices such as audio processors, mixing consoles, amplifiers, speakers, etc. through Phoenix terminals and XLR interfaces.



Technical Parameters

Screen	3.5" capacitive touch screen x 2
Screen resolution	480 x 480px
Frequency response	50Hz-18kHz
Max.SPL	130 dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
Equivalent noise level	16 dB, A-weighted
Phantom power	2 x 48V DC
External material	Aluminium alloy
Working power supply	AC~220V, 50Hz
Maximum power consumption	350W
S/N ratio	90dB
Dynamic range	100dB
Total harmonic distortion	≤0.2%
Main cabinet size	3U
Product dimensions (L x W x H)	483 x 354 x 135 mm
Packaging dimensions (L x W x H)	575 x 490 x 230 mm
Product weight	8 kg

W42D

Dual-screen single-rod digital backup microphone

- Dual display digital dual backup audio transmission microphone.
- Dual microphone short pole pickup enhances sound sensitivity and amplification effect.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.
- The rear LCD screen is an electronic table sign that can display the names of attendees or the company logo, serving as a seat guide.
- Speech timing and timed speech function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Screen	Rectangular 3.5-inch capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	All aluminum alloy

W43D

Dual-screen dual-bar digital backup microphone

- Dual display digital dual backup audio transmission microphone.
- Dual microphone short pole pickup enhances sound sensitivity and amplification effect.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.
- The rear LCD screen is an electronic table sign that can display the names of attendees or the company logo, serving as a seat guide.
- Speech timing and timed speech function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.



Technical Parameters

Dual microphone	14mm gold-plated condenser mic x 2
Polar pattern	Supercardioid
Screen	Rectangular 3.5-inch capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	All aluminum alloy

W30MV^{series}

audio and video
digital conferencing
system

Upgrade the audio and video processing capabilities based on W30M, support multiple video modes such as matrix, splicing, and segmentation, and achieve seamless switching between 4K high-resolution. The audio is also excellent and compatible with various devices. Combined with conference management software, it is more convenient to operate and meets the needs of high-end conferences. Application scenarios: conference rooms, auditoriums, and administrative centers of government departments; Conference rooms and multi-function halls of enterprises and institutions; Teaching, lecture hall, etc.



W30MV
Audio and video digital
conference host



W30D
Screenless
single-rod digital
microphone



W31D
Single-screen
single-rod digital
microphone



W32D
Dual-screen
single-rod digital
microphone



W32DA
Dual-screen single-rod
digital-analog backup
microphone



W33DA
Dual-screen dual-bar
digital-analog backup
microphone



A77
Dual-screen desktop array
microphone



A78
Dual-screen embedded array
microphone

W30MV

Audio and video digital conference host

- Adopts digital audio transmission technology, various menu functions are set through the touch screen.
- The system has a capacity of 120 units (including 40 dual screen microphones) connected in series with T-shaped 6-core cables.
- 5 microphone management modes: first-in-first-out, apply for speech, free mode, quantity limit, voice control mode.
- Camera tracking: The RS485 interface supports 8-way camera tracking.
- TCP/IP network interface for remote management; Built in RS232 central control instruction interface, seamlessly integrated with the central control.
- Built in RS232 central control instruction interface, seamlessly integrated with the central control.
- Video processing with matrix, splicing, splitting three modes, and matrix mode support seamless switching, switching screen without black screen, the highest resolution support 4K/30HZ.
- Supports OSD text display, overlaying banner text above the video.
- Equipped with 4 video input/outputs (2 HDIM and 2 SDI), capable of cross switching.
- Audio signal, equipped with Phoenix terminals and XLR audio signal outputs to devices such as audio processors, mixing consoles, amplifiers, speakers, etc.
- Adopting aluminum alloy panels and sheet metal materials, with built-in anti-static treatment, it can resist 8000V static electricity.
- Adopts an installable cabinet design with a height of 2U according to international standards.
- Cooperates with conference management software can achieve more value-added functions, making operations simpler, more efficient, and more user-friendly.
- Built in international universal power supply and voltage stabilization system, ensuring safe use under unstable voltage conditions.



Technical Parameters

Video inputs	HDMI x 2, SDI x 2
Video outputs	HDMI x 2, SDI x 2
The video resolution supported by SDI	1080P@60Hz Downward compatibility
The video resolution supported by HDMI	4K@30Hz Downward compatibility
Panel touch screen	3.5" @resolution 480 x 320px
Hand held microphone inputs and control interfaces	4 UNIT IN及1 EXTEND
Audio outputs	3 Phoenix terminals and 1 XLR output(balanced)
Frequency response	50Hz-16kHz
RS485 camera control interface	Supports VISCA、PELCO_D、PELCO_P protocols
Maximum power	350W
Total harmonic distortion	≤0.05%
Working power supply	220VAC(180~264VAC)
Product dimensions (L x W x H)	483 x 354 x 93 mm
Packaging dimensions (L x W x H)	545 x 435 x 210 mm
Product weight	6.52 kg

W30D

Screenless single-pole digital microphone

- Screenless digital transmission microphone.
- Anti mobile phone interference.
- A pickup distance of about 80cm.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
Material of microphone casing	All aluminum alloy

W31D

Single-screen single-pole digital microphone

- Single display digital transmission microphone.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.
- Timer after opening and timed opening function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.



Technical Parameters

Single microphone	114mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Screen	Rectangular 3.5 " capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	All aluminum alloy

W32D

Dual-screen single-rod digital microphone

- Dual screen digital transmission microphone.
- Timer after opening and timed opening function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.
- The rear LCD screen is an electronic table sign that can display the names of attendees or the company logo, serving as a seat guide.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Screen	Rectangular 3.5 " capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	All aluminum alloy

W32DA

Dual-screen single-bar digital-analog backup microphone

- Dual screen digital analog dual backup microphone (one analog audio is directly connected to the mixing console for 48V power supply, and the other digital audio is transmitted to the main control computer) to prevent the conference from being interrupted due to malfunctions.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.
- The rear LCD screen is an electronic table sign that can display the names of attendees or the company logo, serving as a seat guide.
- Timer after opening and timed opening function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 1
Polar pattern	Supercardioid
Screen	Rectangular 3.5 " capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
Power supply	24-48V DC
External material	All aluminum alloy

W33DA

Dual-screen dual-bar digital-analog backup microphone

- Dual display digital analog dual backup audio transmission microphone.
- Dual microphone short pole pickup enhances sound sensitivity and amplification effect.
- The front LCD touch screen menu includes: microphone volume control, clock interface, microphone ID code display, designated host/attendance display, call service, and trademark display.
- The rear LCD screen is an electronic table sign that can display the names of attendees or the company logo, serving as a seat guide.
- Has speech timing and timed speech function.
- Anti mobile phone interference.
- A pickup distance of about 80cm.
- The chairman unit can be designated by the host backend, and the chairman has priority function.
- Digital analog dual backup microphone, one analog audio is directly connected to the mixing console for 48V power supply, and the other digital audio is transmitted to the main control computer to prevent conference interruptions due to malfunctions.



Technical Parameters

Single microphone	14mm gold-plated condenser mic x 2
Polar pattern	Supercardioid
Screen	Rectangular 3.5 " capacitive touch screen
Frequency response	50-20,000Hz
Sensitivity	-36dB
Max.SPL	136dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	All aluminum alloy

A77 / A78

Array microphone

Array microphone is a high-quality microphone device with a stylish and elegant appearance. It adopts aluminum alloy material for integrated molding, showcasing a noble and dignified temperament. This microphone features advanced digital microphone array technology that can establish its own pickup channel and range, ensuring stable sound pressure levels regardless of the speaker's location. By utilizing fully digital conferencing technology, equipped with high-performance CPU processors and systems developed based on digital network architecture, faster processing speeds and better sound quality performance can be achieved.

With a convenient touch switch, users can easily perform speaking operations. The device is equipped with an OLED screen, which can display date, identity information, unit number function in standby mode, and has a countdown function for speaking. The microphone has excellent pickup performance, achieving a pickup distance of over 80cm and a larger and farther pickup range, allowing the microphone to be placed freely and increasing operating space.

This microphone has a unique directional design, which can accurately capture the sound source and effectively control the interference of surrounding noise. The sensitivity control function can accurately control the sensitivity of the effective pickup range and improve the sound transmission gain of the system. Simultaneously balancing the sound quality of analog capacitors and the directional receiving characteristics of arrays, it can be connected to any analog processor system, making it convenient to quickly build high-quality digital array conference systems.

The microphone is flexible in configuration and can be configured as a chairman or executive chairman for any unit. The use of suction cups ensures a sturdy structure, and multiple microphones are arranged in an excellent pickup effect. The speech indicator light (red) in the upper left corner can be used for applications such as speech indication and unit number indication. The back is equipped with a 2.8-inch TFT display screen, which can be freely modified to display the person's name or company logo.

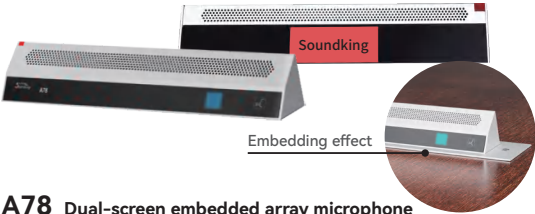
The hidden adjustable gain knob can quickly set the entire system according to the on-site sound reinforcement conditions. The product design also adopts a cystic pickup area, which can better focus on the target sound source and provide clear and high-quality audio capture effects. This digital handheld array microphone is the ideal choice for your meetings, speeches, and other occasions.



A77 Dual-screen desktop array microphone

Technical Parameters

Array microphone	9mm gold-plated condenser mic x 17
Frequency response	80Hz-16kHz
Max.SPL	120dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	Aluminum alloy
Pickup distance	>80cm
Sensitivity	-36dB
Product dimensions (L x W x H)	284 x 70 x 66 mm
Packaging dimensions (L x W x H)	340 x 115 x 125 mm
Product weight	0.72 kg



A78 Dual-screen embedded array microphone

Technical Parameters

Array microphone	9mm gold-plated condenser mic x 17
Frequency response	80Hz-16kHz
Max.SPL	120dB(1% T.H.D. @ 1kHz, 0dB SPL=2 x 10 Pa)
External material	Aluminum alloy
Pickup distance	>80cm
Sensitivity	-36dB
Product dimensions (L x W x H)	366 x 96 x 104 mm (Height of microphone from desktop after flip 51mm)

I Product Features

Aluminum alloy integrated molding	Adopts aluminum alloy material for integrated molding, the appearance is fashionable and elegant, showcasing a noble and dignified temperament.
Digital microphone array technology	By adopting innovative digital microphone array technology, it can establish its own pickup channel and range to ensure stable sound pressure levels regardless of the speaker's location.
All digital conference technology	Adopts high-performance CPU processors and fully digital conference technology developed based on digital network architecture, it has faster processing speed and better sound quality performance.
Light touch switch	Adopts a touch switch, it is convenient and easy to perform speaking operations.
OLED screen display	The device is equipped with an OLED screen, which can display date, identity information, unit number in standby mode, and has a countdown function for speaking.
Excellent pickup performance	With a pickup distance of over 80cm and a larger and farther pickup range, the microphone can be placed freely, increasing activity space.
Unique directionality design	Can accurately capture sound sources and effectively control the interference of surrounding noise.
Sensitivity control	Accurately controlling the sensitivity of the effective pickup range effectively enhances the sound transmission gain of the system.
Analog condenser and array microphone directional pickup	Simultaneously balances the sound quality of analog condenser microphone and the directional pickup characteristics of the array microphone.
Compatible with multiple systems	It can be connected to any analog processor system (digital automatic mixing system, digital audio processor, mixing console, etc.), making it convenient to quickly build high-quality digital array conference systems.
Stable structure	The bottom adopts a suction cup structure, which makes the microphones neatly arranged on the desktop and not easy to move, and the overall desktop arrangement is nice-looking.
Speech indicator light	The speech indicator light (red) in the upper left corner can be used for applications such as speaking indication and unit number indication.
Design of cystic pickup area	Adopts a design of cystic pickup area, which allows it to better focus on the target sound source and provide clear and high-quality audio capture effects.
Flip function(A78)	Embedded installation, press the switch to flip and open, easy operation, neat and stylish desktop.

W40M series

intelligent
conferencing system



W40M
Networked conference master control machine



W41AES
Networked conference microphone

W40M

Networked conference master control machine

- Digital audio transmission technology is used, and touch screen is used to set various menu functions.
- Dual backup of digital and analog, so that the meeting will not be interrupted in case of failure.
- The system capacity is 120 units (40 dual-screen microphones), connected by T-shaped 6-core wires in a hand-in-hand manner.
- It can be cascaded and extended to support 8 microphones speaking simultaneously.
- Six microphone management modes: first-in-first-out, request to speak, free mode, quantity limit, voice control mode, and queuing to speak.
- Camera tracking: R485 interface supports 8-channel camera tracking.
- With TCP/IP network interface, remote management can be achieved; Built-in RS232 central control command interface, seamlessly interfacing with the central control.
- It has functions such as sign-in, voting, voting, and speech countdown, enhancing the interactive experience of the meeting.
- The chairman unit can be specified in the background, and the chairman has priority. It also has the ability to resist interference from mobile phones.
- Audio signals are output to backend devices such as audio processors, mixing consoles, power amplifiers, and speakers through Phoenix terminals and XLR XLR interfaces.
- With DSP digital signal processing function, integrated acoustic feedback suppression, noise reduction and AI intelligent recognition algorithm, it improves audio quality.
- With AES67/DANTE networked capabilities, the system's flexibility and compatibility are further enhanced.



Technical Parameters	
Screen	3.5" rectangular capacitive touch screen
Screen resolution	480 x 480px
Screen resolution	60Hz-15kHz
Max.SPL	120 dB (1% T.H.D. @ 1kHz, 0dB SPL=2x10 Pa)
Equivalent noise level	16 dB, A-weighted
Shell material	Aluminium alloy
Working power supply	AC~220V, 50Hz
Maximum power consumption	350W
Signal to noise ratio	>75dB
Dynamic range	≥100dB
Total harmonic distortion	≤0.3%
Input channel	4-channel hand-in-hand UNITIN + 1-channel analog MIC IN + AES67/DANTE
Output channel	3-channel Phoenix terminal + 1-channel XLR
Output size	3-channel Phoenix terminal output ≥200mV±10 mV; XLR output ≥200mV; network to XLR output ≥200mV @ 1kHz -30dBm in
Unit connector	6-core large DIN x 4, RJ45 (Ethernet)
Chassis size	2U

W41AES

Networked conference microphone

- The AES67 microphone is a professional audio device that complies with the AES67 standard, enabling efficient audio interconnection with other AES67-compatible devices for flexible system configuration.
- High-definition sound quality: using the latest audio encoding and decoding technology to ensure high-quality audio transmission, suitable for various professional occasions.
- POE power supply: Support the use of POE (Power over Ethernet) switches for power supply, greatly reducing the need for additional power cords and making installation easier.
- Speaking indicator light function: Equipped with a speaking indicator light that lights up when the microphone is activated, clearly indicating the status of the device and avoiding problems caused by misuse.
- Friendly touch screen interface: The touch screen design equipped enables users to quickly get started, such as enabling or disabling the microphone through the touch screen switch to achieve fast response. Provide a convenient operation experience.
- Volume adjustment: Users can adjust the microphone volume in real time through the touch screen to meet the needs of different scenarios.
- Electronic nameplate editing: Allows users to directly edit and modify the content of electronic nameplates on the touch screen, including font color and background color, to meet individual or specific occasion requirements.



Technical Parameters	
Power Supply	1.PoE IEEE802.3af standard
Max. power consumption	<5W
Earphone load	32Q-2KQ
Earphone volume	10 mW
Headphone output interface	3.5 mm stereo jack
Pickup head	14mm capacitive gold-plated microphone head
Screen resolution	640 x 480px
Pointing characteristics	Supercardioid
Frequency response	9.100-16kHz;125(-6dB)-14kHz(-3dB)
Signal to noise ratio	≥70dB
Sensitivity	-28 dB±2dB
Output impedance	Maximum sound pressure level: 110 dB (3% T.H.D. @ 1kHz, 0dB SPL=2 x 10Pa)
Overload harmonic distortion	<0.5%
Equivalent Noise Level	<25dB SPL(A)
Product dimensions (L x W x H)	Mic rod: 230 x 35 x 24 mm, base : 146 x 104 x 65 mm
Connection method	CAT-6 network cable is connected to the switch
Output connection port	RJ45

W80 Series

intelligent conferencing system



W80M
Intelligent conference host



W80C
Chairman microphone (with
screen and short pole)



W80C-A
Digital and analog dual backup
conference chairman microphone
(with screen and short pole)



W80D
Conference microphone (with
screen and short pole)



W80D-A
Digital dual backup conference
microphone (with screen and
short pole)



W81C
Digital conference chairman microphone
(without screen, short pole)



W81C-A
Chairman microphone for digital and
analog dual backup conference
(without screen and short pole)



W81D
Digital conference microphone
(without screen and short pole)



W81D-A
Digital and analog dual backup
conference microphone (without
screen, short pole)



W80DA
Digital and analog dual backup
dual-rod conference microphone
(with screen and short rod)



W80C/L
Digital conference
chairman microphone
(with screen and long
microphone rod)



W80C/L-A
Chairman microphone for
digital and analog dual
backup conference (with
screen and long
microphone rod)



W80D/L
Digital conference
microphone (with screen
and long microphone
rod)



W80D/L-A
Digital and analog dual
backup conference
microphone (with screen
and long microphone rod)



W81C/L
Digital conference
chairman microphone
(without screen, long
microphone rod)



W81C/L-A
Chairman microphone for
digital and analog dual
backup conference
(without screen, long
microphone rod)



W81D/L
Digital conference
microphone (without
screen, long microphone
rod)



W81D/L-A
Digital and analog dual
backup conference
microphone (without
screen, long microphone
rod)

W80M

Intelligent conference host

- By combining digital communication technology and audio technology, the full control and management of the conference process is realized. It has strong waterproof ability, rainproof, dustproof and salt spray resistance.
- Digital and analog dual backup, so that the meeting will not be interrupted in case of failure.
- A single channel can connect 20 units, and the system can mount up to 60 conference units, with a maximum line length of up to 100m (when the extension line from the host to the microphone exceeds 20m, a 2 x 1.0 power cord needs to be laid before the host and the first microphone, together with the digital conference eight-core extension cable, to power the microphone. It is used in conjunction with a digital microphone distribution box.) Supports multi-level expansion connections, and can expand up to 5000 seats of microphones.
- Support 7 working modes, including first-in first-out mode, last-in first-out mode, quantity limit mode, chairman/computer allowed mode, free discussion mode, timed speaking mode, voice control speaking mode, and restricted speaking mode. (Need to be equipped with corresponding microphones)
- Camera tracking: Four-in-one SDL video matrix can directly control up to four high-definition cameras to complete automatic image switching in video conferencing.
- With one RS232 interface, it can be connected to a computer or central control system for function control of microphones and main units, as well as for sign-in voting during meetings.
- With 1 RS232 and 1 RS485 camera control output port, it can directly output Pelco-P, Pelco-D, VISCA control protocols.
- Support real-time modification of microphone identity, allowing free switching between chairman, VIP, and delegate microphone identities.
- Built-in DSP adaptive audio processor can suppress acoustic feedback to the greatest extent possible.
- It comes with 2 sets of three-stage equalization circuits, which can be used to adjust the microphone output and the sound of the microphone speaker independently.
- Equipped with a fire alarm interface, it can be linked with the fire protection system to ensure the safety of participants (optional).
- Multiple input and output interfaces, 2 sets of main inputs, 1 set of card input, 2 sets of original sound outputs, 2 sets of main outputs with feedback audio, and a balanced input interface with one way of chairman microphone audio backup.
- Support CAT6 network cable transmission, with a maximum extension of 50m (using a dedicated adapter box).
- With a 24V DC output interface, when the extension cable is too long, it can be used to transmit power using a dedicated power cord to power the microphone (optional).
- In addition to meeting the needs of the machine, it can also be used as a discussion unit, with an output voltage of 24 volts DC, which is within the safe voltage range and ensures the safety of participants.
- 4.3 "Touch screen display, intuitive and clear graphical interface, advanced management and control functions, graphical interface design, displaying all function items and setting operation information. It also has speaking timing and scheduled speaking functions.



Technical Parameters

Channel crosstalk	>80 dB
Total harmonic distortion	<0.5% @1KHz
Dynamic range	>90 dB
Signal to noise ratio	>80 dB(A)
Frequency response	50--18000 Hz (±3dB)
Power consumption standard	<240 W
Power supply	AC100V~240V50/60Hz

W80C

Chairman microphone (with screen and short pole)

- Ultra-quiet switch design.
- New touch control technology, 3.5" full-color capacitive touch screen.
- A conference speaking unit that integrates speaking, signing in, and voting functions.
- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 80cm.
- Red and green dual-color matte indicator design to indicate the speaking status.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic camera tracking can be performed after setting up with the conference control host or PC control software.
- Support five-key voting, and can customize the prompt text of the voting buttons through the computer.
- Support 7 working modes, including first-in-first-out mode, last-in-first-out mode, quantity limit mode, chairman/computer permission mode, free discussion mode, timed speaking mode, voice-controlled speaking mode, and restricted speaking mode.
- The identity of the microphone can be set by itself, and can be changed through the host settings, allowing for free switching between delegates, chairmen, and VIPs.
- Support "ring-shaped hand-in-hand" connection, which can connect backup hosts, making system connection more convenient and reliable.
- Super strong resistance to mobile phone RF interference.
- The chairman microphone has a chairman priority key function that can turn off the delegate unit that is speaking.
- Support the customization of the main interface, allowing customers to customize the interface.



Technical Parameters

Pointing characteristics	Supercardioid
Screen size	3.5"
Resolving power	480 x 320px
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Maximum sound pressure	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
Power supply	24V DC

W80C-A

Digital and analog dual backup conference chairman microphone (with screen and short pole)

- Ultra-quiet switch design.
- New touch control technology, 3.5" full-color capacitive touch screen.
- An integrated conference speaking unit that combines the functions of speaking, signing in, and voting.
- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 80cm.
- Red and green double-color matte indicator light design to indicate the speaking status.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic camera tracking can be performed after setting up using the conference control host or PC control software.
- Support five-key voting, and can customize the prompt text of the voting buttons through the computer.
- Support 7 working modes: first-in-first-out mode, last-in-first-out mode, quantity limit mode, chairman/computer permission mode, free discussion mode, timed speaking mode, voice-controlled speaking mode, and restricted speaking mode.
- The identity of the microphone can be set by itself, and can be changed through the host settings, allowing for free switching between delegates, chairmen, and VIPs.
- Support the "ring-shaped hand-in-hand" connection, which can connect to backup hosts, making system connections more convenient and reliable.
- Super strong resistance to mobile phone RF interference.
- The chairman microphone has a chairman priority key function that can turn off the delegate unit that is speaking.
- Support for customizing the main interface, allowing customers to customize the interface.
- The conference unit supports dual backup functions for digital and analog audio.



Technical Parameters

Pointing characteristics	Supercardioid
Screen size	3.5"
Resolving power	480 x 320px
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
Power supply	24V DC

W80D

Conference microphone (with screen and short pole)

- Ultra-quiet switch design.
- New touch control technology, 3.5" full-color capacitive touch screen.
- An integrated conference speaking unit that combines speaking, signing in, and voting functions.
- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 80cm.
- Red and green dual-color matte indicator light design, indicating the speaking status.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic camera tracking can be performed after setting up using the conference control host or PC control software.
- Support five-key voting, and can customize the prompt text of the voting buttons through the computer.
- Support 7 working modes, including first-in first-out mode, last-in first-out mode, quantity limit mode, chairman/computer allowed mode, free discussion mode, timed speaking mode, voice-controlled speaking mode, and restricted speaking mode.
- The identity of the microphone can be set by itself, and can be changed through the host settings, allowing for free switching between delegates, chairmen, and VIPs.
- Support the "ring-shaped hand-in-hand" connection, which can connect to backup hosts, making system connections more convenient and reliable.
- Super strong resistance to mobile phone RF interference.
- Support for customizing the main interface, allowing for the provision of customized interfaces to customers.



Technical Parameters

Pointing characteristics	Supercardioid
Screen size	3.5"
resolving power	480 x 320px
frequency response	20-20,000 Hz
sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
power supply	24V DC

W80D-A

Digital dual backup conference microphone (with screen and short pole)

- Ultra-quiet switch design.
- New touch control technology, 3.5" full-color capacitive touch screen.
- An integrated conference speaking unit that combines speaking, signing in, and voting functions.
- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 80cm.
- Red and green double-color matte indicator light design to indicate the status of speech.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic camera tracking can be performed after setting up with the conference control host or PC control software.
- Support five-button voting, and can customize the prompt text of the voting buttons through the computer.
- Support 7 working modes: first-in-first-out mode, last-in-first-out mode, quantity limit mode, chairman/computer allowance mode, free discussion mode, timed speaking mode, voice-controlled speaking mode, and restricted speaking mode.
- The identity of the microphone can be set by itself, and can be changed through the host settings, allowing for free switching between delegates, chairmen, and VIPs.
- Support "circular hand-in-hand" connection, which can connect backup hosts, making system connection more convenient and reliable.
- Super strong resistance to mobile phone RF interference.
- Support for customizing the main interface, allowing customers to customize the interface.
- The conference unit supports dual backup functions for digital and analog audio.



Technical Parameters

Pointing characteristics	Supercardioid
Screen size	3.5"
Resolving power	480 x 320px
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
Power supply	24V DC

W81C
Digital conference chairman
microphone (without screen,
short pole)

- Ultra-quiet switch design.
- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 80cm.
- Red and green double-color matte indicator light design, indicating the speaking status.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic camera tracking can be performed after setting up with the conference control host or PC control software.
- With the host, it can achieve first-in first-out, last-in last-out, restricted mode, chairman allowed mode, and free discussion mode.
- Support the "ring-shaped hand-in-hand" connection, which can connect to backup hosts, making system connections more convenient and reliable.
- Excellent resistance to mobile phone RF interference.
- The chairman microphone has a chairman priority key function that can turn off the delegate unit that is speaking.



Technical Parameters

Pointing characteristics	Supercardioid
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
Power supply	24V DC

W81C-A
Chairman microphone for digital and
analog dual backup conference
(without screen and short pole)

- Ultra-quiet switch design.
- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 80cm.
- Red and green double-color matte indicator light design, indicating the speaking status.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic camera tracking can be performed after setting up with the conference control host or PC control software.
- With the host, it can achieve first-in first-out, last-in last-out, restricted mode, chairman allowed mode, and free discussion mode.
- Support the "ring-shaped hand-in-hand" connection, which can connect to backup hosts, making system connections more convenient and reliable.
- Excellent resistance to mobile phone RF interference.
- **The chairman microphone has a chairman priority key function that can turn off the delegate unit that is speaking.**
- **The conference unit supports dual backup functions for digital and analog audio.**



Technical Parameters

Pointing characteristics	Supercardioid
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
Power supply	24V DC

W81D

Digital conference microphone (without screen and short pole)

- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 80cm.
- Red and green dual-color matte indicator light design, indicating the speaking status.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic camera tracking can be achieved after setting up with the conference control host or PC control software.
- With the host, it can achieve first-in first-out, last-in last-out, restricted mode, and free discussion mode.
- Support the "ring-shaped hand-in-hand" connection, which can connect to backup hosts, making system connection more convenient and reliable.
- Super strong resistance to mobile phone RF interference.



Technical Parameters

Pointing characteristics	Supercardioid
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
Power supply	24V DC

W81D-A

Digital and analog dual backup conference microphone (no screen, short pole)

- Ultra-quiet switch design.
- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 80cm.
- Red and green dual-color matte indicator light design, indicating the status of speech.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic camera tracking can be performed after setting up with the conference control host or PC control software.
- With the host, it can achieve first-in first-out, last-in last-out, restricted mode, chairman allowed mode, and free discussion mode.
- Support the "ring-shaped hand-in-hand" connection, which can connect to backup hosts, making system connections more convenient and reliable.
- Super strong resistance to mobile phone RF interference.
- **The conference unit supports dual backup functions for digital and analog audio.**



Technical Parameters

Pointing characteristics	Supercardioid
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
Power supply	24V DC

W80DA

Digital and analog dual backup dual-rod conference microphone (with screen and short rod)

- Dual backup microphones (one for the phantom power audio channel of the telephone, and one for the audio channel of the conference system, with two completely independent microphone links) to prevent conference interruptions due to malfunctions.
- Ultra-quiet switch design.
- New touch control technology, 3.5" full-color capacitive touch screen.
- Support the integration of speaking, signing in, and voting functions into a conference speaking unit.
- Ultra-short all-metal short microphone rod design.
- High sensitivity microphone design, with a pickup distance of up to 80cm.
- Red and green double-color matte indicator light design to indicate the speaking status.
- Support multiple presidents online at the same time.
- Each conference microphone has a unique ID number that can be modified at will.
- With the camera, automatic tracking of the camera can be performed after setting up with the conference control host or PC control software.
- Support five-key voting, and can customize the prompt text of the voting buttons through the computer.
- With the host, it can achieve first-in first-out, last-in last-out, restricted mode, chairman allowed mode, and free discussion mode.
- The identity of the microphone can be set by yourself, and can be changed through the host settings, allowing for free switching between delegates, chairmen, and VIPs, making use more flexible and diverse, and meeting high-end needs.
- Support "ring-shaped hand-in-hand" connection, which can connect backup hosts, making system connection more convenient and reliable.
- Super strong resistance to mobile phone RF interference.
- **The chairman microphone has a chairman priority key function that can turn off the delegate unit that is speaking.**
- Support the customization of the main interface, allowing customers to customize the interface.



Technical Parameters

Pointing characteristics	Supercardioid
Screen size	3.5"
Resolving power	480 x 320px
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Radiohead	9.7mm diameter gold-plated capacitive x 1
Power supply	24V DC

W80C/L

Digital conference chairman microphone (with screen and long microphone rod)

W80C/L-A

Chairman microphone for digital and analog dual backup conference (with screen and long microphone rod)

W80D/L

Digital conference microphone (with screen and long microphone rod)

W80D/L-A

Digital and analog dual backup conference microphone (with screen and long microphone rod)

- Adopting a new CNC, ultra-quiet switch design, and high-sensitivity microphone core design, the pickup distance can reach 80cm.
- 380mm gooseneck microphone design.
- Red and green dual-color matte indicator light design, indicating the speaking status. When the red light ring is on, it indicates that someone is speaking. When the green light ring is on, it indicates that the application is waiting for a turn to speak.
- The unique appearance design of the microphone cover greatly reduces the low-frequency impact sound of "puffing" even without using a windproof cotton cover.
- Capacitive microphone rod, professional super-cardioid condenser microphone core, high sensitivity and speech clarity, with a circular red and green indicator light for speech.
- The chairman unit is not limited by microphone mode and number of speakers.
- The chairman unit has the priority function of fully controlling the order of the meeting. The unit can be located anywhere in the circuit.
- The "hand-in-hand" cable stringing mode is convenient for installation and maintenance.
- Support both touch screen and physical buttons to start speaking.
- Support real-time Beijing time display, with a perpetual calendar function that can display year, date, and week status information. It supports adjusting the time and date through the microphone without the host, and also supports remote synchronization of network time.
- Support for speech timing and speech countdown.
- Support switching between Chinese and English operation interfaces, and support unified setting of system language interface through network or central control.
- Support the front display screen to display the names of the participants, and uniformly distribute the names of the participants by the host and software.
- Support participants' requests for service functions, such as "pen, paper, water, waiter", and provide dedicated computer software that connects to the host and displays no less than 10 service requests simultaneously. After the background responds to the request, the microphone interface can give corresponding prompts.
- Each conference unit has a unique ID number, which can be modified at will.
- The display screen of the conference unit can display the voting status and sign-in status of the operation.
- Support the integration of speaking, signing in, and voting functions into a conference speaking unit (only microphones with voting functions support voting functions)
- It has automatic video tracking function, which can be used with a camera and can be set up using a conference host or PC control software to automatically track the camera.
- Support system sign-in function, and the conference unit can complete the sign-in function.
- Support maximum five-key voting, and can customize the prompt text of the voting buttons through the computer. (Only the conference unit with voting function has this function)
- With the conference host, 7 conference modes can be realized: first-in-first-out mode, last-in-first-out mode, restricted mode, chairman-permitted mode, free discussion mode, time-limited mode, and voice control mode.
- The identity of the conference unit can be set by itself, and the identity of the conference unit can be changed through the conference host settings, allowing for free switching between delegates, chairmen, and VIPs, making the use more flexible and diverse, and meeting high-end needs. (However, to achieve the priority function of the chairman, it is necessary to replace the key components).
- Long-distance transmission will not have any impact on sound quality.
- Support "ring hand-in-hand" connection, the conference unit adopts 8-core wire "T" connection, which can connect backup hosts, making system connection more convenient and reliable.
- The specially designed hose with anti-RF interference completely eliminates the noise of rustling, presenting a perfect high-level conference environment.
- Support multiple chairman units online at the same time.
- The chairman unit has a priority button for the chairman, which can be used to turn off the delegate unit that is speaking. (Proprietary to the chairman unit).
- Self-testing function, with software, can automatically complete keystrokes, voting, and audio automatic detection, making pre-meeting preparation testing easier and meetings more reliable. (PC software support is required).
- Support the replacement of the main interface customization, which can provide customized interfaces for customers.
- The conference unit is powered by the system host, and the input voltage of 24V is within the safe range.

W80C/L

Digital conference chairman microphone (with screen and long microphone rod)



W80C/L-A

Chairman microphone for digital and analog dual backup conference (with screen and long microphone rod)



W80D/L

Digital conference microphone (with screen and long microphone rod)



W80D/L-A

Digital and analog dual backup conference microphone (with screen and long microphone rod)



Technical Parameters

Microphone pointing type	Super-cardioid directional electret condenser microphone	Super-cardioid directional electret condenser microphone	Super-cardioid directional electret condenser microphone	Super-cardioid directional electret condenser microphone
Radiohead	9.7mm diameter gold-plated capacitive x 1	9.7mm diameter gold-plated capacitive x 1	9.7mm diameter gold-plated capacitive x 1	9.7mm diameter gold-plated capacitive x 1
Audio line	1-channel digital handheld microphone	1-channel digital handheld microphone, 1-channel 48V output XLR interface	1-channel digital handheld microphone	1-channel digital handheld microphone, 1-channel 48V output XLR interface
Frequency response	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz
Microphone input impedance	1000Ω	1000Ω	1000Ω	1000Ω
Output impedance	<200Ω	<200Ω	<200Ω	<200Ω
Sensitivity	-36dB	-36dB	-36dB	-36dB
Maximum sound pressure level	110dB	110dB	110dB	110dB
Signal to noise ratio	>70dB(A)	>70dB(A)	>70dB(A)	>70dB(A)
Crosstalk	>70dB	>70dB	>70dB	>70dB
Dynamic range	>80dB	>80dB	>80dB	>80dB
Equivalent noise	16dB	16dB	16dB	16dB
THD	<0.1%	<0.1%	<0.1%	<0.1%
Maximum power consumption	5.5W	5.5W	5.5W	5.5W
Connection head	1.5m 8-core cable	1.5m 8-core cable	1.5m 8-core cable	1.5m 8-core cable
Display size	3.5" color screen	3.5" color screen	3.5" color screen	3.5" color screen
Display resolution	480 × 320px	480 × 320px	480 × 320px	480 × 320px
Power supply mode	Host power supply DC 24V	Host power supply DC 24V	Host power supply DC 24V	Host power supply DC 24V
Product size of the microphone rod (L)	380 mm	380 mm	380 mm	380 mm
Product base size(L × W × H)	107.5 × 145.9 × 50.8 mm	107.5 × 145.9 × 50.8 mm	107.5 × 145.9 × 50.8 mm	107.5 × 145.9 × 50.8 mm
Product weight	0.9 kg	0.9 kg	0.9 kg	0.9 kg

W81C/L

**Digital conference chairman microphone
(without screen, long microphone rod)**

W81C/L-A

**Chairman microphone for digital and analog
dual backup conference (without screen, long
microphone rod)**

W81D/L

**Digital conference microphone (without
screen, long microphone rod)**

W81D/L-A

**Digital and analog dual backup conference
microphone (without screen, long
microphone rod)**

- Adopting a new CNC, ultra-quiet switch design, and high-sensitivity microphone core design, the pickup distance can reach 80cm.
- 380mm long gooseneck microphone rod design.
- Red and green double-color matte indicator light design to indicate the speaking status. When the red light ring is on, it indicates that the speaker is speaking. When the green light ring is on, it indicates that the application is waiting for the speaker to speak.
- The unique appearance design of the microphone cover greatly reduces the low-frequency impact sound of "puff" even without using a windproof cotton cover.
- Capacitive microphone rod, professional supercardioid condenser microphone core, high sensitivity and voice clarity, with a speaking ring red and green dual-color indicator light.
- The chairman unit is not limited by microphone mode and number of speakers.
- The chairman unit has the priority function of fully controlling the order of the meeting. The unit can be located anywhere in the circuit.
- The "hand-in-hand" cable connection mode is convenient for installation and maintenance.
- Each conference unit has a unique ID number, which can be modified at will.
- With automatic video tracking function, it can be used with a camera to automatically track the camera after setting up with a conference host or PC control software.
- With the conference host, 7 conference modes can be realized: first-in-first-out mode, last-in-first-out mode, restricted mode, chairman-allowed mode, free discussion mode, time-limited mode, and voice control mode.
- The identity of the conference unit can be set by itself, and the identity of the conference unit can be changed through the conference host settings, allowing for free switching between delegates, chairmen, and VIPs, making the use more flexible and diverse, and meeting high-end needs. (However, to achieve the priority function of the chairman, it is necessary to replace the key components.)
- Long-distance transmission will not affect the sound quality.
- Support "ring hand-in-hand" connection, the conference unit adopts 8-core wire "T" connection, which can connect backup hosts, making system connection more convenient and reliable.
- The specially designed anti-RF interference hose completely eliminates the noise of the rustle, presenting a perfect high-level conference environment.
- Support multiple chairman units online at the same time.
- The chairman unit has a priority button for the chairman, which can be used to turn off the delegate unit that is speaking. (Proprietary to the Chairman Unit)
- Self-testing function, with software, can automatically complete keystrokes, voting, and audio automatic detection, making pre-meeting preparation testing easier and meetings more reliable. (requires PC software support)
- The conference unit is powered by the system host, and the input voltage of 24V is within the safe range.

W81C/L
Digital conference chairman
microphone (without screen,
long microphone rod)



W81C/L-A
Chairman microphone for
digital and analog dual
backup conference (without
screen, long microphone rod)



W81D/L
Digital conference micro-
phone (without screen, long
microphone rod)



W81D/L-A
Digital and analog dual
backup conference
microphone (without screen,
long microphone rod)



Technical Parameters

Microphone pointing type	Super-cardioid directional electret condenser microphone	Super-cardioid directional electret condenser microphone	Super-cardioid directional electret condenser microphone	Super-cardioid directional electret condenser microphone
Radiohead	9.7mm diameter gold-plated capacitive x 1	9.7mm diameter gold-plated capacitive x 1	9.7mm diameter gold-plated capacitive x 1	9.7mm diameter gold-plated capacitive x 1
Audio line	1-channel digital handheld microphone	1-channel digital handheld microphone, 1-channel 48V output XLR interface	1-channel digital handheld microphone	1-channel digital handheld microphone, 1-channel 48V output XLR interface
Frequency response	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz
Microphone input impedance	1000Ω	1000Ω	1000Ω	1000Ω
Output impedance	<200Ω	<200Ω	<200Ω	<200Ω
Sensitivity	-36dB	-36dB	-36dB	-36dB
Maximum sound pressure level	110dB	110dB	110dB	110dB
Signal to noise ratio	>70dB(A)	>70dB(A)	>70dB(A)	>70dB(A)
Crosstalk	>70dB	>70dB	>70dB	>70dB
Dynamic range	>80dB	>80dB	>80dB	>80dB
Equivalent noise	16dB	16dB	16dB	16dB
THD	<0.1%	<0.1%	<0.1%	<0.1%
Maximum power consumption	5.5W	5.5W	5.5W	5.5W
Connection head	With 1.5m aviation 8-core	With 1.5m aviation 8-core	With 1.5m aviation 8-core	With 1.5m aviation 8-core
Power supply mode	Host power supply DC 24V	Host power supply DC 24V	Host power supply DC 24V	Host power supply DC 24V
Product size of the microphone rod (L)	380 mm	380 mm	380 mm	380 mm
Product base size(L × W × H)	107.5 × 145.9 × 50.8 mm	107.5 × 145.9 × 50.8 mm	107.5 × 145.9 × 50.8 mm	107.5 × 145.9 × 50.8 mm
Product weight	0.9 kg	0.9 kg	0.9 kg	0.9 kg

Wired analog conference microphone



W30A
Wired analog conference
microphone



W80A
Wired analog conference
microphone



W88A
Wired dual-rod analog
conference microphone



W80A/L
Wired gooseneck analog
conference microphone

W30A

Wired analog conference microphone

- The sound pickup distance can reach 80cm.
- Support camera tracking function.
- Support the system to detect the number of microphone units being used, including the number of units, the number of chairmen, etc.
- Six working modes can be set, including application mode, free mode, voice control mode, first-in first-out, quantity limit, and queuing mode.
- Time-limited speaking function.
- Manage the meeting agenda and support functions such as check-in, scoring, voting, response, and election.
- 4-way conference unit input port, supporting 120 units.
- The system uses professional 6-core wire connection, and the transmission distance between devices can reach 150m.
- Built-in high-performance embedded CPU, faster processing speed.
- Top-level gold film high-fidelity microphone head, ensuring high-quality sound.
- The audio input of the conference unit can achieve separate or mixed output, and can achieve the function of outputting audio in different zones; With the built-in howling suppression module, on-site debugging is easier.



Technical Parameters	
Pointing characteristics	Supercardioid
Frequency response	100-16kHz;125(-6dB)-14kHz(-3dB)
Sensitivity	-34dB ±2dB
Output impedance	200Ω
Max.SPL	110dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Maximum sound pressure	14mm diameter gold-plated capacitive x 1
Maximum power consumption	<3W

W80A

Wired analog conference microphone

This series of conference microphones is specifically designed for the high-end conference market. The microphone uses a short boom and high sensitivity design, with a simple and elegant appearance. The microphone core part uses rubber shock-absorbing materials to effectively avoid the impact of table noise on the microphone's sound pickup. The microphone's appearance is designed with a metal oxide panel, which gives a simple and rugged design that expresses a minimalist and dignified style of conference equipment.

- Small aluminum alloy shell design.
- High sensitivity microphone core design, with a pickup distance of up to 50cm.
- Red and green double-color matte indicator light design, indicating the speaking status.
- Super strong resistance to mobile phone RF interference.
- XLD XLR balanced audio transmission, directly connected to the mixing console, MICIN (with phantom power) of the PA combination audio.



Technical Parameters	
Pointing characteristics	Supercardioid
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Maximum sound pressure	14mm diameter gold-plated capacitive x 1
Maximum power consumption	24V-48V phantom power supply

W88A

Wired dual-rod analog conference microphone

This series of conference microphones is designed specifically for the high-end conference market. The microphone features a short boom, high sensitivity design, and a simple and elegant appearance. The microphone core is made of rubber shock-absorbing material, effectively avoiding the impact of table noise on the microphone's sound pickup. The microphone's appearance is designed with a metal oxide panel, providing a simple and robust design that expresses a minimalist and dignified style of conference equipment.

- All-metal short microphone rod design.
- High sensitivity microphone core design, with a pickup distance of up to 50cm.
- Red and green dual-color matte indicator design to indicate the speaking status.
- Excellent resistance to mobile phone RF interference.
- XLR balanced audio transmission, directly connected to the mixing console, MICIN (with phantom power) of the PA combination audio.



Technical Parameters	
Pointing characteristics	Supercardioid
Frequency response	20-20,000 Hz
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Maximum sound pressure	9.7mm diameter gold-plated capacitive x 2
Maximum power consumption	48V phantom power supply

W80A/L

Wired gooseneck analog conference microphone

This series of conference microphones is specifically designed for the high-end conference market. The microphone uses a gooseneck microphone rod and high sensitivity design, with a simple and elegant appearance. The microphone core part uses rubber shock-absorbing materials to effectively avoid the impact of table noise on the microphone's sound pickup. The microphone's appearance is designed with a metal oxide panel, which gives a simple and rugged design that expresses a minimalist and dignified style of conference equipment.

- Ultra-quiet switch design.
- All-metal single-rod design.
- High sensitivity microphone core design, with a pickup distance of over 80cm.
- Red matte indicator light design, indicating the speaking status.
- Long-distance transmission will not have any impact on sound quality.
- Super strong resistance to mobile phone RF interference.



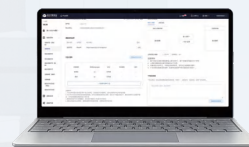
Technical Parameters	
Pointing characteristics	Supercardioid
Sound pickup distance	800-1000mm
Frequency response	60-18,000 Hz (±3dB)
Sensitivity	-36dB
Output impedance	<200Ω
Max.SPL	136 dB (1% T.H.D.1kHz, 0dB SPL=2 x 10 Pa)
Maximum sound pressure	14mm diameter gold-plated capacitive x 1
Equivalent Noise Level	16 dB, A-weighted
Power supply	24V~48V DC

Voice-to-text transcription terminal

Online Version



AI-YY-W58
AI voice recognition service terminal
(online version)



AI-YY-V1.0
Speech to Text AI Software
(Online Version)

Offline Version



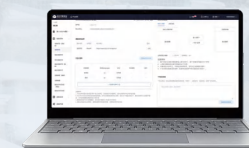
AI-YY-W55
AI voice transcription terminal
(offline version)



AI-YY-W56
AI voice transcription text service
terminal (offline version)



AI-YY-W57
AI voice transcription service
engine (offline version)



AI-YY-V2.0
AI Speech-to-Text Service Software
(Offline Version)

AI-YY-W58

AI voice recognition service terminal (online version)

- One-stop service for real-time transcription, transcription, editing, and exporting of conference speakers' speech into text, real-time recognition and translation into multiple languages, and saving in Word format, with an accuracy rate of over 97%.
- Accurate speech-to-text recording of conference speakers: Relying on digital speech microphones, the language of different speakers during the conference is converted into text and stored in the conference server by speaker name and paragraph.
- Some uncommon words can be uploaded to the recognition engine. When the word appears in the real-time transcribed audio stream, the engine can recognize it and improve the accuracy of professional terms recognition.
- Conduct semantic understanding for the context and intelligently correct the intermediate results to ensure accuracy.
- Implement millisecond-level recognition for audio streams and return text streams with timestamps for easy secondary development.
- Utilize ultra-large-scale language models to intelligently predict context and provide intelligent sentence segmentation and punctuation prediction.
- While collecting audio, continuously upload the audio stream to the cloud, and the transcription service will return the text results in real time. It can achieve synchronous display of text and sound.



Technical Parameters

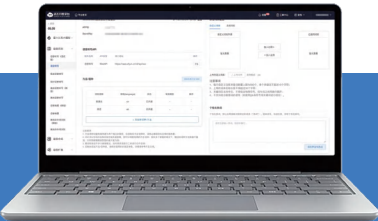
Operating platform	Windows 7
Output resolution	1920 x 1080px
Processor	Intel Core i5 2.6GHz
A main board	DDR 4G
Memory	60G solid state 500G hard disk storage
Input interface	DC x 1、RJ45 x 1、USB2.0 x 2、USB3.0 x 2
Output interface	VGA x 1、HDMI x 1、AUDIO IN x 1 AUDIO OUT x 1、COM x 1
Shell material	Anodized all-aluminum structure
Colour	Silver gray
Power	60W
Power Supply	AC220V 50 / 60HZ DC12V / 5A
Dimensions(L x W x H)	485 x 235 x 75mm
Weight	5kg

AI-YY-V1.0

Speech to Text AI Software (Online Version)

The technology of automatic speech-to-text transcription and speaker role separation storage facilitates the efficient and comprehensive recording of the speech process and content of each speaker in the meeting by the meeting secretary (recorder), and quickly grasps the meeting theme and core ideas, greatly improving the efficiency of text transcription and storage during the meeting process. One-stop service for real-time voice recording, transcription, editing, and exporting of conference speakers' speech into text, real-time recognition and translation into multiple languages, and saving in Word format. The accuracy rate of the Windows web version can reach over 97%.

- Accurate speech transcription of conference speakers: Relying on digital speech microphones, the language of different speakers during the conference is converted into text, and the speaker roles are automatically recorded and stored separately.
- Some uncommon words can be uploaded to the recognition engine. When the word appears in the real-time transcribed audio stream, the engine can recognize it and improve the accuracy of professional terms recognition.
- Conduct semantic understanding for the context and intelligently correct the intermediate results to ensure accuracy.
- Implement millisecond-level recognition for audio streams and return text streams with timestamps for easy secondary development.
- Utilize ultra-large-scale language models to intelligently predict context and provide intelligent sentence segmentation and punctuation prediction.
- While collecting audio, continuously upload the audio stream to the cloud, and the transcription service will return the text results in real time. It can achieve synchronous display of text and sound.
- Strong machine learning ability and higher accuracy in language transcription.



AI-YY-W55

AI voice transcription terminal (offline version)

A single conference room is used with the AI voice transcription service engine AI-YY-W57.

The functions of the AI voice-to-text terminal mainly include voice recognition, multi-language support, real-time and batch transcription, intelligent editing and proofreading, data security protection, and multiple output format options. These functions can help users record and organize voice information efficiently, especially for meeting minutes, class notes, video subtitles and other scenarios; Real-time recognition, conversion and translation, with an accuracy rate of over 90%. The conference speaker's microphone can be bound with the company's paperless or conference speaking system, and the speech of different speakers can be converted into text during the conference process and stored in paragraphs by speaker name.

- One-stop service for real-time transcription, transcription, editing, and exporting of conference speakers' speech into text, real-time recognition and translation into multiple languages, and saving in Word format, with an accuracy rate of over 90%.
- Accurate speech-to-text recording of conference speakers: Relying on digital speech microphones, the language of different speakers during the conference is converted into text and stored in the conference server by speaker name and paragraph.
- Some uncommon words can be uploaded to the recognition engine. When the word appears in the real-time transcribed audio stream, the engine can recognize it and improve the accuracy of professional terms recognition.
- Conduct semantic understanding for the context and intelligently correct the intermediate results to ensure accuracy.
- Implement millisecond-level recognition for audio streams and return text streams with timestamps for easy secondary development.
- Utilize ultra-large-scale language models to intelligently predict context and provide intelligent sentence segmentation and punctuation prediction.
- While collecting audio, continuously upload the audio stream to the cloud, and the transcription service will return the text results in real time. It can achieve synchronous display of text and sound.



Technical Parameters	
Operating platform	Windows 7
Output resolution	1920 x 1080px
Processor	Intel Core i5 2.5GHz
Memory	DDR 4G
Hard drive	60G solid state 500G hard disk storage
Input interface	DC x 1、RJ45 x 1、USB2.0 x 2、USB3.0 x 2
Output interface	VGA x 1、HDMI x 1、AUDIO IN x 1 AUDIO OUT x 1、COM x 1
Shell material	Anodized all-aluminum structure
Colour	silver gray
Power	60W
Power Supply	AC220V 50 / 60HZ DC12V / 5A
Product dimensions (L x W x H)	485 x 235 x 75mm
Product weight	5kg

AI-YY-W56

AI voice transcription text service terminal (offline version)

Multi-conference room sharing service, used in conjunction with the AI voice transcription service engine AI-YY-W57.

The functions of the AI voice transcription text service terminal mainly include voice recognition, multi-language support, real-time and batch transcription, intelligent editing and proofreading, data security protection, and multiple output format options. These functions can help users record and organize voice information efficiently, especially for meeting minutes, class notes, video subtitles and other scenarios; Real-time recognition, conversion and translation, with an accuracy rate of over 90%. The conference speaker's microphone can be bound with the company's paperless or conference speaking system, and the speech of different speakers can be converted into text during the conference process and stored in paragraphs by speaker name.

- One-stop service for real-time transcription, transcription, editing, and exporting of conference speakers' speech into text, real-time recognition and translation into multiple languages, and saving in Word format, with an accuracy rate of over 90%.
- Accurate speech-to-text recording of conference speakers: Relying on digital speech microphones, the language of different speakers during the conference is converted into text and stored in the conference server by speaker name and paragraph.
- Some uncommon words can be uploaded to the recognition engine. When the word appears in the real-time transcribed audio stream, the engine can recognize it and improve the accuracy of professional terms recognition.
- Conduct semantic understanding for the context and intelligently correct the intermediate results to ensure accuracy.
- Implement millisecond-level recognition for audio streams and return text streams with timestamps for easy secondary development.
- Utilize ultra-large-scale language models to intelligently predict context and provide intelligent sentence segmentation and punctuation prediction.
- While collecting audio, continuously upload the audio stream to the cloud, and the transcription service will return the text results in real time. It can achieve synchronous display of text and sound.



Technical Parameters	
Operating platform	Windows 7
Output resolution	1920 x 1080px
Processor	Intel Core i5 2.5GHz
Memory	DDR 4G
Hard drive	60G solid state 500G hard disk storage
Input interface	DC x 1、RJ45 x 1、USB2.0 x 2、USB3.0 x 2
Output interface	VGA x 1、HDMI x 1、AUDIO IN x 1 AUDIO OUT x 1、COM x 1
Shell material	Anodized all-aluminum structure
Colour	silver gray
Power demand	DC12V / 5A
Power	60W
Power Supply	AC220V 50 / 60HZ DC12V / 5A
Product dimensions (L x W x H)	485 x 235 x 75 mm
Product weight	5kg

AI-YY-W57

AI voice transcription text service terminal (offline version)

The AI speech transcription engine server is a technical device that converts human speech into text. It utilizes artificial intelligence algorithms, especially natural language processing (NLP) and speech recognition technology, to convert meetings or other forms of voice communication into written text in real time. Application scenarios include but are not limited to enterprise meetings, court records, educational lectures, media interviews, customer service centers, etc. The server can provide real-time subtitles to facilitate the understanding of meeting content by hearing-impaired individuals, and can also be used to create meeting records or speech scripts. This server usually has the following characteristics:

- One-stop service for real-time transcription, transcription, editing, and exporting of conference speakers' speech into text, real-time recognition and translation into multiple languages, and saving in Word format, with an accuracy rate of over 97%.
- Accurate speech-to-text recording of conference speakers: Relying on digital speech microphones, the language of different speakers during the conference is converted into text and stored in the conference server by speaker name and paragraph.
- Some uncommon words can be uploaded to the recognition engine. When the word appears in the real-time transcribed audio stream, the engine can recognize it and improve the accuracy of professional terms recognition.
- Conduct semantic understanding for the context and intelligently correct the intermediate results to ensure accuracy.
- Implement millisecond-level recognition for audio streams and return text streams with timestamps for easy secondary development.
- Utilize ultra-large-scale language models to intelligently predict context and provide intelligent sentence segmentation and punctuation prediction.
- While collecting audio, continuously upload the audio stream to the cloud, and the transcription service will return the text results in real time. It can achieve synchronous display of text and sound.



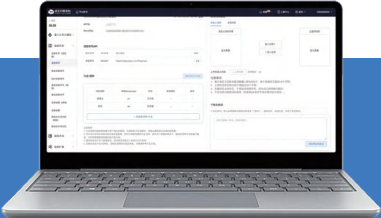
Technical Parameters	
Processor	Intel® Xeon(R) CPU E52630v3 @ 2.40GHz x 16
A main board	C612 motherboard
Memory	64G
Hard drive	512G solid state
Operating system	CentOS Linux7
Network interface	GBE Gigabit Ethernet x 1
PS2 interface	2
PICE expansion slot	1
Video interface	1VGA, HDMI
USB	6 x 2.0, 4 x 3.0
Texture of material	Anodized SGCC
Installation method	Rack-mounted installation
Colour	Industrial Black
Power demand	AC220V 50 / 60HZ
Power	300W
Product dimensions (L x W x H)	483 x 450 x 89 mm(excluding the handle)

AI-YY-V2.0

AI voice transcription service engine (offline version)

The technology of automatic speech-to-text transcription and speaker role separation storage facilitates the efficient and comprehensive recording of the speech process and content of each speaker in the meeting by the meeting secretary (recorder), and quickly grasps the meeting theme and core ideas, greatly improving the efficiency of text transcription and storage during the meeting process. One-stop service for real-time voice recording, transcription, editing, and exporting of conference speakers' speech into text, real-time recognition and translation into multiple languages, and saving in Word format. The accuracy rate of the Windows web version can reach over 95%.

- Accurate speech transcription of conference speakers: Relying on digital speech microphones, the language of different speakers during the conference is converted into text, and the speaker roles are automatically recorded and stored separately.
- Some uncommon words can be uploaded to the recognition engine. When the word appears in the real-time transcribed audio stream, the engine can recognize it and improve the accuracy of professional terms recognition.
- Conduct semantic understanding for the context and intelligently correct the intermediate results to ensure accuracy.
- Implement millisecond-level recognition for audio streams and return text streams with timestamps for easy secondary development.
- Utilize ultra-large-scale language models to intelligently predict context and provide intelligent sentence segmentation and punctuation prediction.
- While collecting audio, continuously upload the audio stream to the cloud, and the transcription service will return the text results in real time. It can achieve synchronous display of text and sound.
- Strong machine learning ability and higher accuracy in language transcription.



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