



Intelligent Digital Conference System

Opening a new chapter of digital conference, efficient communication as a shadow to go along

QUALIFICATIONS AND HONORS



We have mastered the first domestic dual-diaphragm conference system sound pickup technology, anti-secrecy ultrasonic diffraction technology, DSP/DDOV all-digital transmission technology and powerful integration control and other key technologies. Become the industry's leading high-end audio and video conferencing system overall solution provider and all-digital conference system equipment R&D manufacturer.



Part of the authoritative qualification and honor certificate

COMPANY PROFILE

2015

Founded in

30+

Professional team

10000+

Service customers

HUAIN is a national high-tech enterprise specializing in the design, research and development, production and sales of audio and video products.

The company is committed to seeking breakthroughs in all-digital conference system, anti-theft conference system, paperless conference system, visual distributed management system, remote video conference system, conference recording and broadcasting system, sound amplification system, programmable central control system and peripheral equipment technology and application, in order to promote the technical revolution of traditional industries.

HUAIN insists on "professional concentration, technological innovation" as the driving force. Our company has a group of advanced researchers in the industry, specializing in research, development and production. We have set up acoustic laboratory, audio testing laboratory, radio frequency laboratory and other professional laboratories, and fully launched the research and development, production and sales of high-end all-digital conference system, paperless conference system, visual management system, programmable central control system, signal switching system, conference recording and broadcasting system, conference sound system and peripheral processing equipment. In strict accordance with international standards, we implement standardized management and control in the process of design and development, procurement, production, quality management and service. At present, the company has more than 1000 product models such as full digital conference system, array conference system, wireless conference system, simultaneous interpretation system, large voting system, sound amplification system, audio processing system, education system, which can meet -the full series of conference system solutions from small meeting discussions to large international conferences. We are the world's leading manufacturer of modern conference system equipment.



Devise



R&D



Produces



Sales

COMPANY CULTURE

Market-Oriented and Customer-Centric



Corporate Mission

Achieve the brand with professionalism, with international vision and prospects



Corporate Vision

Chinese Voice, HUAIN Makes



Corporate Values

Innovation Leadership, Excellent Quality, Win-Win Cooperation



Corporate of experience

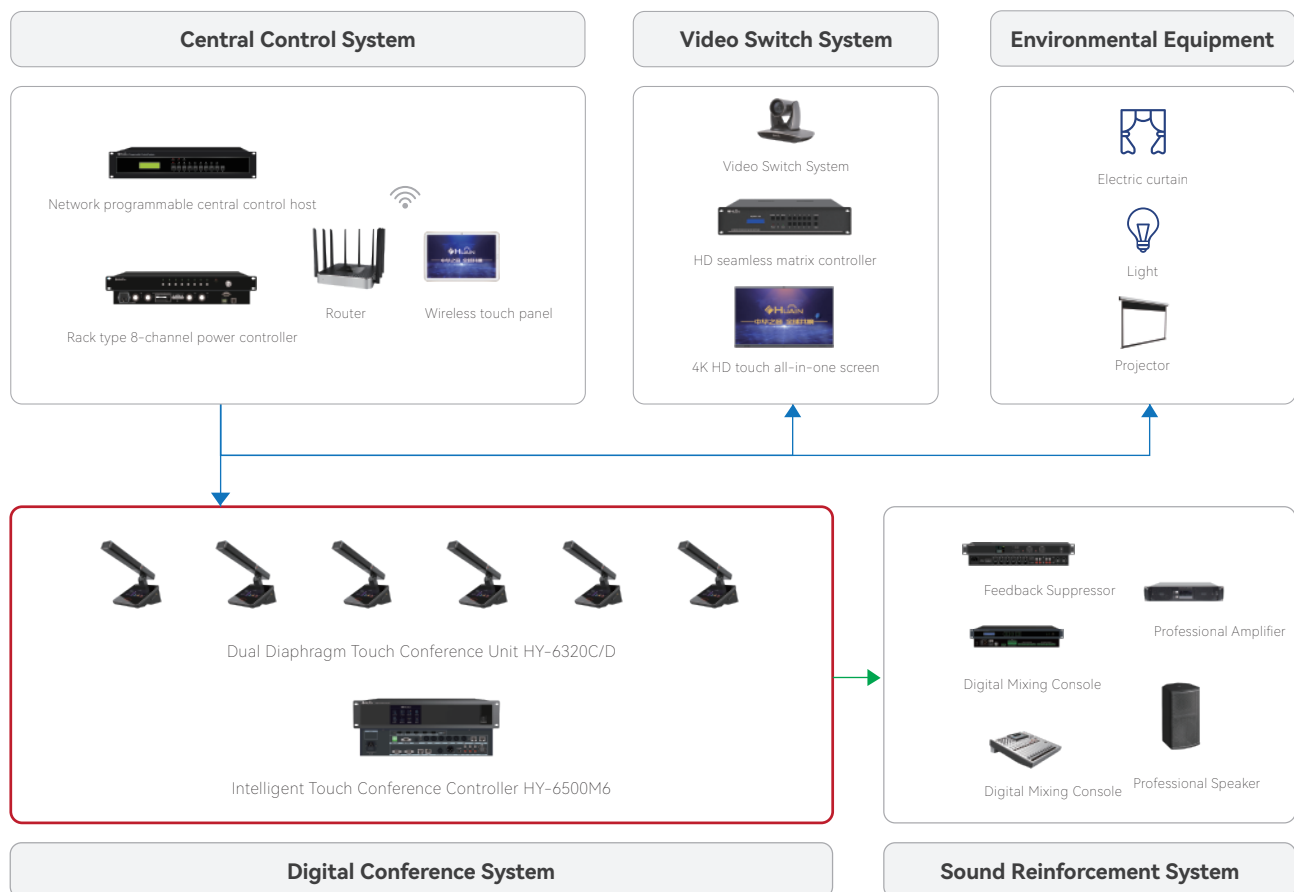
Convergence of forces for common development



Intelligent Digital Conference System

This system is designed for the speech discussion, camera tracking, electronic sign-in, voting, conference services and other multi-functions in one of the digital conference system. The maximum capacity of a single conference host is 240 digital conference units, through the conference expansion host can be connected to 76,800 conference units. The system has a variety of conference modes, including free discussion, first-in-first-out(FIFO), number limit, voice control, chairman's permission (speech request) , last-in-first-out(LIFO), time-limited speech and queuing speech mode.

System Topology



HY-6500M9

All Digital Conference Controller



Features

- With 4.5" TFT fully fits the touch screen, it supports Chinese simplified, traditional and English menu, or customize the menu language.
- With 8 channels of unit output interface, it supports connection of 240 units. The system capacity is 76,800 units.
- 8 conference modes: First in First out, Last in First out, number limit, chairman's permission, voice control, limited time speech, queuing speech and free discussion.
- With speech separation technology, 8 channels of audio can be independent output and support independent adjustment of volume.
- It supports USB sound card function, with a 3.5mm voice monitoring interface, built-in 10W power amplifier
The number of speakers can range from 1 to 20; Chairman and VIP are not limited in number.

Parameter Comparison Table



HY-6500M3



HY-6500M5



HY-6500M6



HY-6500M8



HY-6500M9

Display	4.5" TFT HD full lamination touch capacitive screen				
Language	3 types (simplified or traditional Chinese, English), customize				
Conference Mode	8 types (FIFO, number limit, voice control, chairman permission, limited time speech, queuing speech LIFO, free discussion)				
Dual Hot Backup Port	1 set of dual-machine backup interface, can also be connected to the backup box				
Mic Interface	3*8-Pin +2*RJ45		6*8-Pin +2*RJ45 (8*RJ45 Optional)		
Number of Speakers	1 ~ 20	1 ~ 20	1 ~ 20	1 ~ 20	1 ~ 20
Video Matrix	-	-	○	○	○
Recording Function	-	-	-	○	○
Web Control	-	-	-	○	○
Built-in Amplifier	-	-	-	-	○
USB Sound Card	-	-	-	-	○

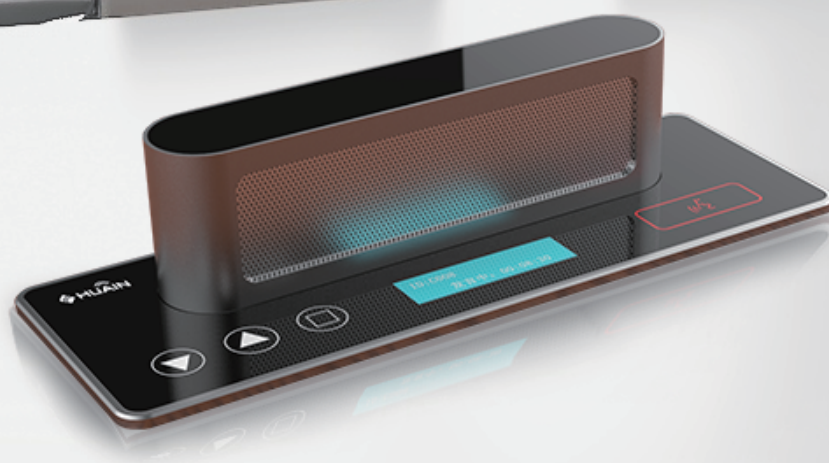
Lifting Horizontal Beam Array Conference Unit

HY-HL200 Series

- ① 5 pickup head using lateral sound source and angle array technology
- ② mini embedded lift control system, lifting and lowering smooth, uniform speed
- ③ high sensitivity pickup design, built-in auto gain AGC function
- ④ Intelligent audio detection function

Technical Parameters

Mic type	Array, 5x9.7mm gold-plated microphone core
Display	128*32 High Brightness OLED Display
Frequency Response	30Hz~20KHz
SNR	>90dB
Dynamic Range	96dB
Mic Sensitivity	-37dB±2dB
Connector	8Pin (RJ45 Optional)
Equivalent Noise	20dBA (SPL)
Max SPL	136dB (THD<3%)
Panel Size	165 × 58 × 5mm
Hole Size	149 × 48 × 300mm
Weight	2.8Kg



HY-HL200 Series

Technical Parameters	
Mic type	Array, 14mm gold plated core
Display	160×32 graphic OLED display
Frequency Response	30Hz~20KHz
SNR	>90dB
Dynamic Range	96dB
Mic Sensitivity	-37dB±2dB
Connector	8Pin (RJ45 Optional)
Equivalent Noise	20dBA (SPL)
Max SPL	125dB (THD<3%)
Dimensions	284 × 64 × 50mm
Mounting	Desktop
Weight	0.9Kg

Array Full Digital Conference Unit

HY-8000 Series

- ① 17 pickups using lateral sound source and angle array technology
- ② 150° pickup angle, with a wider range of sound pickup
- ③ High sensitivity pickup design, built-in auto gain AGC function
- ④ Intelligent audio detection function



HY-8000 Series

Dual-Diaphragm Touch Conference Unit (HY-6720 Series)

Design

- ① Full zinc alloy body, 6-level touch glass panel
- ② zinc aluminum alloy microphone pole, integrated sound pickup steel mesh design
- ③ 3.5" fully integrated touch screen

Features

- Nano-scale fingerprint isolation
- Dual-diaphragm sound pickup
- Intelligent audio detection
- Voting and sign in
- 8 conference modes
- DSP/DDOV technology
- Super anti-interference ability
- 48V dual backup



HY-6720C Series



HY-6720D Series

Dual-diaphragm Electronic Tabletop Conference Unit (HY-6990~6985 Series)

Design

- ① Zinc-aluminum alloy microphone pole, unique cavity and sound pickup design
- ② 3.5 "full lamination touch screen, 8.8" electronic name-plate display, 4:1 display ratio

Features

- Dual Backup Design
- Dual diaphragm pickup
- Intelligent Audio Detection
- Digital ID Addressing
- Conference services
- 8 conference modes
- DSP/DDOV technology
- Voting and sign in



HY-6990C/D Series



HY-6985C/D Series

Dual-diaphragm Touch Conference Unit (HY-6320~6310 Series)

Design

- ① Zinc-aluminum alloy microphone pole, one-piece pickup steel mesh design
- ② 3.5" fully laminated touch panel
- ③ Full zinc aluminum alloy panel, 6-level touch glass panel

Features

- Nano-scale fingerprint isolation
- 48V dual backup
- Dual diaphragm pickup
- DSP/DDOV Technology
- Intelligent Audio Detection
- 8 conference modes
- Voting and sign in
- Digital ID addressing mode



HY-6320CS/DS Series



HY-6310C/D Series

Dual-Diaphragm Touch Conference Unit (HY-6315 Series)

Design

- ① 128×32 high brightness LCD display screen
- ② Nano-scale anti-fingerprint touch glass panel
- ③ Zinc aluminum alloy microphone pole, one-piece pickup steel mesh design.

Features

- Class D high power speaker
- DSP/DDOV digital conference technology
- Super anti-interference ability
- Intelligent audio detection function
- 8 conference modes
- “Hot Swap” function
- High sensitivity pickup design
- Dual Backup Design



HY-6315C1/D1 Series

HY-6315C2/D2 Series

Longitudinal Beam Array Conference Units (HY-S85~S83 Series)

Design

- ① Full zinc-aluminum alloy body, 6-stage touch glass panel, CNC engraving process.
- ② 3.5” fully laminated touch panel
- ③ Magnetic S-type pluggable microphone pole

Features

- DSP/DDOV digital conference technology
- Multi-language display
- Speaking time and timer
- High sensitivity sound pickup
- 8 conference modes
- Voting and sign in
- Intelligent audio detection
- Super anti-interference ability



HY-S85C/D Series

HY-S83C/D Series

Embedded Dual-diaphragm Conference Unit (HY-6558 series)

Design

- ① 128×32 high brightness LCD display screen
- ② Zinc aluminum alloy microphone pole, one-piece pickup steel mesh design
- ③ Recessed installation, simple aluminum alloy panel

Features

- Dual diaphragm pickup
- DSP/DDOV digital conference technology
- Super anti-interference ability
- Speaking time and timer function
- Voting function
- 3 colors indicator light
- 8 conference modes
- Intelligent audio detection function



HY-6558C Series

HY-6558D Series

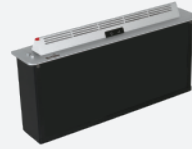
Mini Flip Array Conference Unit (HY-8020 Series)

Design

- ① 17 9.7mm gold-plated condenser pickups with lateral sound source and angular array technology
- ② FTC334C professional capacitive touch-sensitive buttons
- ③ 15 × 14mm double-bit co-positive LED digital tube

Features

- DSP/DDOV technology
- Digital Synchro-Positioning & Identification Processing Technology
- Automatic protection technology
- Digital ID addressing mode
- 8 conference modes
- Automatic mute function
- High-fidelity lossless audio transmission
- Super anti-interference ability



HY-8020CS Series



HY-8020DS Series

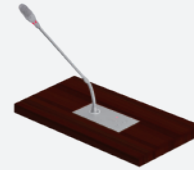
Embedded Elevated Conference Unit (HY-7000 series)

Design

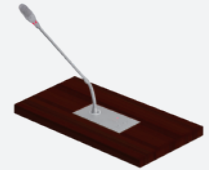
- ① Embedded lifting design, aviation-grade aluminum-magnesium alloy panel
- ② 15 × 14mm double-position co-positive LED digital tube
- ③ Multi-point balanced lifting system and high-precision guide rail design.

Features

- DSP/DDOV technology
- Digital Synchro-Positioning & Identification Processing Technology
- High-fidelity lossless audio transmission
- Voting and sign in
- Intelligent audio detection
- Waterproof and dustproof
- 3 types of identity rights
- 8 conference modes



HY-7000CS Series



HY-7000DS Series

All Digital Touch Conference Unit (HY-6805~6800 Series)

Design

- ① 3.5" high full lamination touch screen
- ② 90mm length speaking indicator
- ③ Full zinc alloy body, 6 levels of touch glass panel

Features

- DSP/DDOV technology
- Nano-scale fingerprint isolation
- High-fidelity lossless audio transmission
- Voting and sign in
- Intelligent Audio Detection
- Waterproof and dustproof
- 3 types of identity rights
- 8 conference modes



HY-6805C/D Series



HY-6800C/D Series

All Digital Touch Conference Unit (HY-6530 Series)

Design

- ① FTC334C professional capacitive touch-sensitive buttons
- ② Streamlined design, embedded steel mesh, glass or acrylic and metal lines
- ③ 2" display, 6" capacitive touch panel

Features

- DSP/DDOV Technology
- Intelligent Audio Detection
- Speech Timing
- 8 conference modes
- High-fidelity lossless audio transmission
- High sensitivity design
- Voting and sign in
- Multi-language display



HY-6530C Series



HY-6530D Series

All Digital Embedded Conference Unit (HY-6515 Series)

Design

- ① Embedded design, full aluminum alloy panel, 6-level touch glass panel
- ② Unique cavity and sound pickup design
- ③ 160 × 32 display, capacitive touch-sensitive keys

Features

- DSP/DDOV technology
- Super anti-interference ability
- Intelligent Audio Detection
- 8 conference modes
- Digital ID Addressing
- Voting and sign in
- High sensitivity design
- Multi-language menu display



HY-6515C/D1 Series



HY-6515C/D2 Series

All Digital Desktop Conference Units (HY-6305 series)

Design

- ① Zinc-aluminum alloy grade 6 touch glass or touch acrylic panel
- ② strong anti-static function design, high quality zinc aluminum alloy panel (6303 series)
- ③ 128 × 32 display, built-in Class D high-power speakers (6305 series)
- ④ Unique cavity and sound pickup design

Features

- DSP/DDOV Technology
- Intelligent Audio Detection
- Speech Timing
- 8 conference modes
- High-fidelity lossless audio transmission
- High sensitivity design
- Voting and sign in
- Multi-language display



HY-6305C Series



HY-6305D Series

HY-6300M2

Digital Economy Conference Controller



Features

- With 6 channels of unit output interface, it supports the maximum connection of 180 units. The system capacity is 65535 units.
- 6 conference modes: FIFO, queuing to speak, computer permission, speaking time limit, quantity limit, free discussion.
- The panel can control the equalization adjustment of auxiliary, MIC input volume, conference unit output volume, speaker volume, and master volume.
- Built-in electronic voting function, with sign-in, voting, election, scoring and other data management functions.
- With line power "hot-swap" function, the system operation security and stability are effectively guaranteed.

Parameter Comparison Table



HY-6300M



HY-6300M2

Display	128×32 LCD display	2.8" LCD color display
Mic Connector	2*8-Pin + 2*RJ45	4*8-Pin + 2*RJ45
Recording Function	-	Option
System Capacity	Single 90 units, expandable to 65535 units	Single 180 units, expandable 65535 units
Number of speakers	1~6 units	1~6 units
Video Matrix	<input type="radio"/>	<input type="radio"/>
Camera Tracking	<input type="radio"/>	<input type="radio"/>
Independent Volume Adjustment	<input type="radio"/>	<input type="radio"/>
Conference Modes	Two modes (FIFO, free discussion)	

Digital Conference Unit (HY-5300~5310 Series)

Design

- ① Tabletop streamlined design
- ② Panel-embedded pickup grille
- ③ Zinc aluminum alloy microphone pole, one-piece pickup steel mesh design

Features

- DSP/DDOV digital conferencing technology
- High-fidelity lossless audio transmission
- High sensitivity design
- Digital ID Addressing
- 2 conference modes
- Intelligent audio detection



HY-5300C/D Series

HY-5310C/D Series

Digital Dual Diaphragm Conference Unit (HY-6312 Series)

Design

- ① Tabletop streamlined design
- ② Panel speech indicator
- ③ Zinc aluminum alloy microphone pole, one-piece pickup steel mesh design

Features

- DSP/DDOV digital conferencing technology
- High-fidelity lossless audio transmission
- Dual-diaphragm pickup
- Intelligent audio detection
- Digital ID Addressing
- 6 conference modes
- Hot-swap function
- Super anti-interference ability



HY-6312C Series



HY-6312D Series

Digital Dual Diaphragm Conference Unit (HY-6210 Series)

Design

- ① Full zinc alloy body, base finishing one-piece molding
- ② Panel speech indicator
- ③ zinc-aluminum alloy microphone pole, one-piece pickup steel mesh design

Features

- DSP/DDOV digital conferencing technology
- High-fidelity lossless audio transmission
- Dual-diaphragm pickup
- Intelligent audio detection
- Digital ID Addressing
- 6 conference modes
- Hot-swap function
- Super anti-interference ability



HY-6210C Series



HY-6210D Series

Embedded dual-diaphragm conference unit (HY-6112 series)

Design

- ① Zinc-aluminum alloy microphone pole, one-piece pickup steel mesh design
- ② Aluminum alloy embedded touch glass panel
- ③ Embedded design

Features

- DSP/DDOV digital conferencing technology
- Waterproof function
- Super anti-interference capability
- Dual-diaphragm sound pickup
- Camera tracking
- Digital ID Addressing
- Hot-swap function
- Intelligent audio detection



HY-6112C Series



HY-6112D Series

Digital Conference Unit (HY-CS510~CS500 Series)

Design

- ① 48mm length speech indicator
- ② Speaking button with graphics and Braille double identification
- ③ Built-in Class D speakers optional, automatic mute after opening the microphone

Features

- DSP/DDOV technology
- Intelligent audio detection
- Graphic, Braille Dual Marking
- Class D speaker
- High sensitivity design
- 3 colors indicator
- Super anti-interference ability
- Digital ID addressing mode



HY-CS510C/D Series HY-CS500C/D Series

Digital Desktop Conference Unit (HY-6200 Series)

Design

- ① Full zinc alloy body, base finishing one-piece molding
- ② panel speech indicator, microphone connector and studs are made of pure copper

Features

- DSP/DDOV digital conferencing technology
- High-fidelity lossless audio transmission
- Intelligent audio detection
- Digital ID Addressing
- 6 conference modes
- Hot-swap function
- Super anti-interference ability
- Automatic detection function



HY-6200C Series HY-6200D Series

Digital Embedded Conference Unit (HY-6110 Series)

Design

- ① Embedded design
- ② Stem connector and all studs are made of pure copper
- ③ Zinc aluminum alloy embedded touch acrylic panel

Features

- All-digital conference technology
- Digital ID Addressing
- DSP/DDOV digital conference technology
- Low power consumption design for passive devices
- Digital strong anti-jamming technology
- Camera tracking
- Static isolation technology design
- Hot-swap function



HY-6110C Series HY-6110D Series



Official Website



WeChat
Official Account



Huain (Zhuhai) Digital Technology Co., Ltd.

Address: Building 10, Chuangang Center, No. 199 Weikang Road,
Xiangzhou District, Zhuhai, Guangdong Province, China.

Manufacturing Center: No. 1, 3rd Floor, Building A, Jinli Technology Park, No. 1,
Huanzhou East Road, Tanzhou Town, Zhongshan, Guangdong Province, China.

Tel: 400-1388-198 0756-8632108 (20 lines)

Fax: 0756-8632109

E-mail: huain@huain-av.com

www.huain-av.com

The pictures and parameters involved in this manual are for reference only. If there is any change, no further notice will be given.