



# Brand Introduction

华音（珠海）数字科技股份有限公司  
Huain (Zhuhai) Digital Technology Co., Ltd.



Intelligent AV Conferencing System Overall Solution Provider

中华之音 全球共鸣  
Chinese Voice, HUAIN Makes

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Professionalism, focus, and technological innovation

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# 01. Company Introduction

Intelligent Audio and Video Conferencing System  
Overall Solution Provider



Huain (Zhuhai) Digital Technology Co., Ltd.

A national high-tech enterprise specializing in the design, research and development, production, marketing and comprehensive services of audio and video products.



## About us

Huain (Zhuhai) Digital Technology Co., Ltd. is a national high-tech enterprise specializing in the design, R&D, production, marketing, and comprehensive services of audio-visual products. Huain Electronics boasts over 1000 product models, including Intelligent all-digital conference systems, paperless conference systems, distributed visual management systems, central control systems, matrix systems, remote video systems, sound reinforcement systems, and peripheral processing equipment. It meets the complete solution and product needs of conference systems ranging from small group discussions to large international conferences, making it a leading provider of intelligent audio-visual conferencing system solutions in the industry and a globally leading manufacturer of modern conference system equipment.

Unity

Innovation

Win-Win

Integrity

Products  
1000+

Certifications  
200+

Credentials & Patents  
100+

Our products are widely used in various fields such as smart government, digital government, smart education, smart new infrastructure, smart information technology, and smart buildings, providing users with multi-scenario, industry-wide audiovisual solutions and application-specific services.

# Huain Development History

2015

Huain was founded and registered the "HUAIN" trademark to establish an integrated R&D, production, and sales structure.

2016

The first-generation HY-6300 series product was launched, and in the same year, it became a product and service provider for the Forum on China-Africa Cooperation (FOCAC) conferences.

2017

Invest in and build a manufacturing center, and complete the nationwide branch/representative office layout.

2018

Developed **dual-diaphragm pickup technology**, launched the HY-6320 series products, and won the "**National High-tech Enterprise**" certificate.

2019

Became a conference product provider for the 2nd China International Import Expo and the Military World Games.

2020

Awarded two authoritative certifications: "**Top Ten Competitive Brands**" and "**Top Ten Conference System Brands**".

2021

Investing in and constructing a second manufacturing center enables refined division of labor across industrial lines. Awarded "**Top 100 High-Tech Enterprises in Zhuhai**".

2022

Approved as a "**National High-tech Enterprise**" and a "**Guangdong Provincial Science and Technology-based SME**" with dual qualifications; pioneered the world's first "**wireless charging conference microphone**".

2023

Awarded the title of "**Guangdong Provincial 'Specialized & Innovative' (S&I) Enterprise**"; launched the industry's first "**nano-fingerprint-resistant**" conference system.

2024

Launching the "**Proactive TSCM Secure Meeting System**"; Deeply collaborating with leading companies such as Huawei, Vivo, and BOE; Releasing a **all-digital meeting system**/the world's first **decentralized paperless system**.

2025

Settling into the headquarters building; Becomes a core supplier for **the SCO Summit, the 93rd Military Parade, and the Ministry of Foreign Affairs Media Center**. "**Starry Sky Series**" wins the German Red Dot Design Award. Launches several products including the "**Integrated Conference System Controller**," the "**Intelligent Space Management Platform**," and the "**Intelligent Wired & Wireless All-Digital 5G Conference System**".

2026

Advancing AI meeting tech, setting global standards, expanding cross-sector collaboration, and driving meetings toward an **intelligent, green, and borderless** future.



## Company Vision

To become a global leader in the audio and video industry

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## Corporate Mission

Chinese Voice, HUAIN Makes

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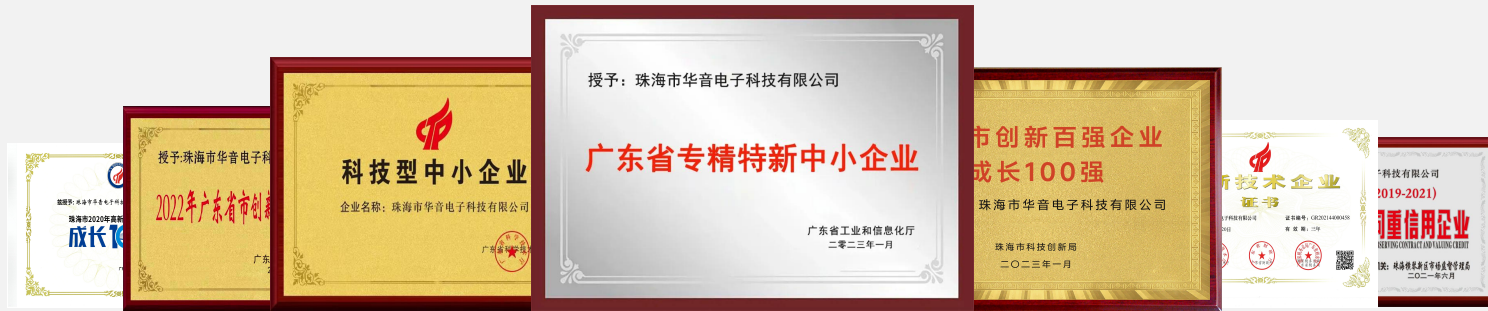
## Corporate Culture

Unity, Innovation, Win-Win, Integrity

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## Values

Innovation-driven, Quality first, Customer-centric,  
Teamwork, Integrity-based



200+项  
Intellectual Property  
☆☆☆

20项  
Invention Patent  
☆☆☆

30+项  
Utility Model Patent  
☆☆☆

100+项  
Software Copyright  
☆☆☆

50+项  
Design Patent  
☆☆☆





Golden Peacock Award: Top 10 Outstanding Conference System Brands (2021-2025)



Digital Audio-Visual Engineering Network: Top 10 Digital Conference Brands (2021-2025)



2025 Audio-Visual Network: Top 10 Digital Conference Brands



2025 Audio-Visual Network: Top 10 Audio-Video System Brands



Acoustic, Lighting, Audio-Visual & Communication Industry: Top 10 Broadcasting & Conference Brands (National Brand Category)



Red Dot Design Award (Germany)



Top 10 Digital Conference Brands (2021-2025)



Top 10 Paperless Conference Brands (2021-2025)



Top 10 Digital Conference Brands



Secure Conference Product Innovation Award



Annual Best Solution of the Year



Well-Known Conference System Brand



Top 10 Brand & Annual Excellent Product

## International Exhibitions



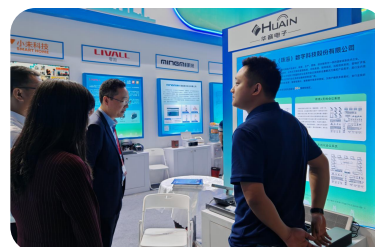
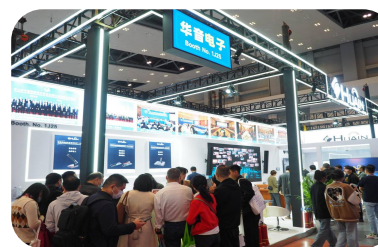
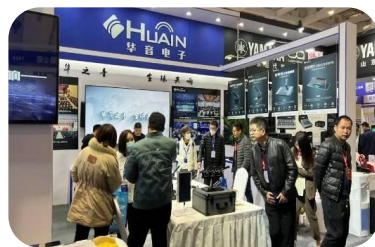
ISE Exhibitor, Barcelona, 2023-2025  
 InfoComm Asia Exhibitor, Bangkok, 2023-2025  
 Light + Audio Tec Exhibitor, Moscow, 2025  
 AV CONNECT Exhibitor, Vietnam, 2025  
 GLOBAL PRO-LED & AV SHOW Exhibitor, Indonesia, 2025

## Domestic Exhibitions



17th China Int'l SMEs Fair, 2021  
 InfoComm China (Beijing) Exhibitor, 2021-2025  
 Guangzhou PALM Expo Exhibitor, 2021-2025  
 ISE Expo (Shenzhen) Exhibitor, 2023-2025  
 Roadshow: Chengdu, Inner Mongolia, Beijing, Shanghai

## Professional Exhibitions



China Higher Education Expo (HEEC) 2023 Exhibitor  
 The 22nd Jinan Public Security & Safety Expo 2023 Exhibitor  
 CHTF 2023 Exhibitor (The 26th China Hi-Tech Fair)  
 National New-AV Roadshow: Hangzhou, Hefei, Hohhot,  
 Chengdu, Lhasa, Nanjing, Shanghai, Qingdao, Fuzhou, etc.

# 02. Product Introduction

Intelligent Audio and Video Conferencing System  
Overall Solution Provider



Huain (Zhuhai) Digital Technology Co., Ltd.

A national high-tech enterprise specializing in the design, research and development, production, marketing and comprehensive services of audio and video products.

## HUAIN Products: Versatile Solutions for Diverse Scenarios

We are dedicated to the audio-visual conferencing domain, crafting stable and efficient full-scenario solutions tailored for you.

International  
Conferences

Government &  
Secure Sectors

Government  
Agencies

Corporate &  
Enterprises

Healthcare  
Institutions

Education  
Sector

Hotels &  
Hospitality

KTVs & Bars

Stadiums &  
Cultural Venues

Parks &  
Squares

Airports, Stations  
& Terminals

Culture &  
Tourism

Shopping Malls

Exhibition  
Centers

Real Estate &  
Scenic Spots

More...

**10000+** Project Delivery

We have years of expertise in audio, lighting, video, and communications. Our solutions have served high-profile events from national conferences to international forums, including the 25th SCO Summit, the 80th Anniversary Military Parade (2015), the 26th China-Russia Humanitarian Committee Meeting, and the PRC Foreign Ministry New Media Center.

# HUAIN Full-Series Products



**Traditional  
Conference System**



**Intelligent All-Digital  
Conference System**



**Anti-Recording  
Conference System**



**Paperless  
Conference System**



**Simultaneous  
Interpretation**



**Congress  
Voting System**



**Central Control  
System**



**Visual Distributed  
Management System**



**High Definition  
Recording**



**Audio Amplification**



**Public Address  
System**



**Infrared Teaching  
System**



**Stage Lighting**



**LED Display Screen**



**Intelligent Meeting Space  
Management System**



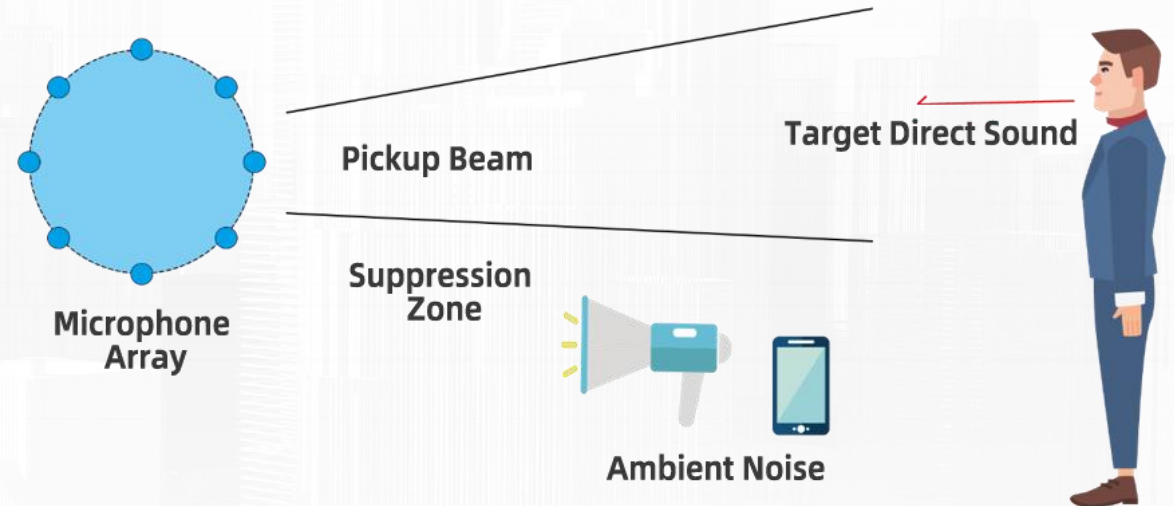
**Integrated Conference  
System Controller**



## Principles of Dual-Diaphragm Microphone Technology

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Dual-Diaphragm Conference System - refers to a conference system where the microphone unit has two diaphragms. These two diaphragms are responsible for capturing sound with different characteristics. One diaphragm handles high sound pressure, meaning it captures loud sounds; the other diaphragm is a high signal-to-noise ratio diaphragm, responsible for high-sensitivity sound capture. Therefore, regardless of whether the volume is high or low, the conference unit will capture the best sound quality through the dual diaphragms. When the signals from these two diaphragms are combined, it significantly reduces background noise, improves the signal-to-noise ratio, and enhances sound clarity.



## Principles of Anti-Recording Technology

This technology achieves targeted protection against eavesdropping devices through the core logic of "imperceptible emission - automatic demodulation - precise interference": first, it emits ultrasonic signals with frequencies above 20kHz, outside the human hearing threshold, ensuring that normal voice communication is not affected; as the ultrasonic waves propagate through the air, they are distorted due to the nonlinear acoustic effects of the air, self-demodulating into low-frequency interference waves covering the human voice frequency range (200-3400Hz); when an eavesdropping device (such as a voice recorder or hidden microphone) picks up the voice, the interference waves are superimposed on the voice signal, preventing the effective recovery of the voice information, ultimately achieving an anti-eavesdropping effect. The technology combines concealment (imperceptible interference), compatibility (does not affect devices such as mobile phones and WiFi), and precision (only targets eavesdropping devices), providing security protection for confidential scenarios.



## Features

DSP

Dual machine hot backup

Automatic gain

100 sets of scenes

Feedback inhibition

Wireless control

## Product Overview

This system is a digital conference system designed for multiple functions including speaking and discussion, camera tracking, clock display, and conference services. A single conference host unit has a maximum capacity of 240 digital conference units, and can connect up to 76,800 conference units through conference expansion hosts. The system offers various conference modes, including free discussion mode, first-in-first-out mode, quantity limited mode, voice-activated mode, chairman-approved (speaking request) mode, last-in-first-out mode, time-limited speaking mode, and queuing speaking mode.



reddot



★ **The Starry Sky Series**  
won the 2025 German Red Dot Product Design Award

## Features

Multifunctional integration

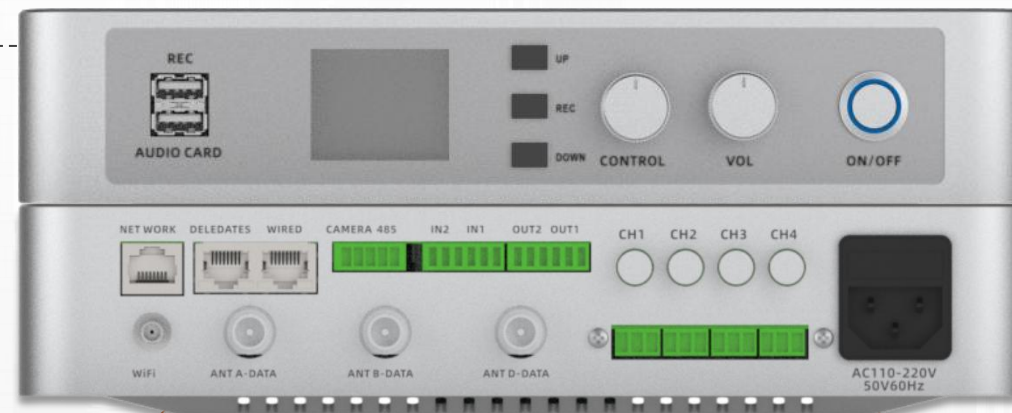
Hybrid meeting design

High-quality audio

Portable carrying

## Product Overview

The Integrated Conference System Controller is an intelligent audio device that combines sound pickup, amplification, and playback functions. It is suitable for various scenarios including conference rooms, classrooms, home entertainment, and outdoor activities, and is dedicated to providing users with efficient, convenient, and high-quality audio solutions.



## Features

High-fidelity sound pickup technology

Adaptive sound field without frequency interference

Remote control page-turning laser pointer

Clean, hygienic, and cost-effective

Built-in amplifier, USB recording

Easy to operate, intelligent and convenient

## Product Overview

In a teaching environment, movement of people and placement of objects can obstruct infrared signals, leading to signal interruption or weakening, affecting the normal transmission of signals and causing issues such as stuttering and interruptions in audio and video, severely impacting the continuity of teaching. HUAIN, through its self-developed "Infrared Teaching Sound Reinforcement System Overall Solution," implements targeted deployment based on the venue, meeting the needs of teaching and academic conferences, and facilitating various uses such as teaching and academic discussions.



# Advantages →

Industry-Leading

Dual-diaphragm Pickup Technology

Noise Reduction, Enhanced Clarity

Ultrasonic Diffraction Technology

Precision Detection, High SNR, Multi-Scenario Application

Nanoscale Anti-Fingerprint Technology

Easy to Clean, Stays New

360° Omnidirectional Acoustic Technology

Omnidirectional Pickup, High Fidelity, Wide Coverage

Wireless Charging Technology for Conference Mic

Multi-Scenario Use, Durable, Hassle-Free

Full-Body Waterproof Technology

Convenient Charging, Long Battery Life, Flexible Use

# 03. Strength & Service

Intelligent Audio and Video Conferencing System  
Overall Solution Provider



Huain (Zhuhai) Digital Technology Co., Ltd.

A national high-tech enterprise specializing in the design, research and development, production, marketing and comprehensive services of audio and video products.

## Focused on Intelligent Audio-Video Technology

10+

years

Dedicated to the research and development of integrated solutions for projects involving sound, light, electricity, video, and communication.



20 Years of Experience  
R&D Team



600K Annual Capacity  
Conference System Factory + Sound  
Reinforcement System Factory



Reception Room



Decision Room



Council Chamber



Secure Meeting Room



Training Room



Multi-Purpose Hall



Command Center



Anechoic Chamber

## Meeting Space Solutions | Engineered for Every Scenario

A modern meeting hub that integrates scenario adaptation, functional modularity, and spatial optimization.

It is dedicated to enabling efficient collaboration for every meeting scenario, representing the ultimate pursuit of refined spatial design and our commitment to creating a professional, all-scenario meeting experience.

ESD Test



Thermal Shock Test



Dual-Axis Drop Test



Mic Speech Detection Test



Vibration Test



Salt Fog Test



## Production Laboratory | Standardized Production Guidelines

A modern production hub integrating process control, quality inspection, and technical optimization. Dedicated to ensuring every product meets stringent standards, it embodies the ultimate pursuit of refined manufacturing and our commitment to fostering industry quality through an open and collaborative approach.

# 10 years 35 cities | HUAIN IN CHINA

Headquartered in Zhuhai, the company currently has branches in Beijing, Shandong, Shanxi, Tianjin, Anhui, Wuhan, Hangzhou, Hunan, and Chengdu, and regional offices in Guangzhou, Guangxi, Macau, Yunnan, Jiangxi, Nanjing, Xi'an, Gansu, and Inner Mongolia.

**16**  
Subsidiaries

**4**  
Branches

**120+**  
Sales Teams



As of 2026, HUAIN conference systems have supported numerous international high-end conferences in various countries, with services covering over **50** countries and regions.



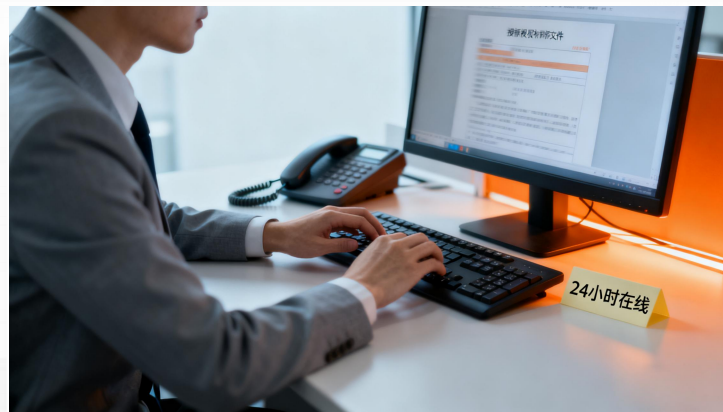


## Solution Engineer

Pre-Sales

One-on-one product promotion and exchange,  
communicating company value

Providing professional solution design and customized  
project solutions



## Professional Sales Consultant

During-sale

Assisting with bidding and answering questions  
regarding tender documents

Project protection and 24/7 on-call advisory support



## National After-sales Engineer

After-sales

Construction planning and cabling guidance  
Project inspection and on-site debugging

# 04. Classic Cases

Intelligent Audio and Video Conferencing System  
Overall Solution Provider



Huain (Zhuhai) Digital Technology Co., Ltd.

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HY-6210系列  
全数字会议系统



上海合作组织成员国元首理事会第二十五次会议大会

Case Overview

The 25th SCO Council of Heads of State Meeting

To meet the stringent high-reliability audio transmission requirements of this international summit, we adopted a dedicated digital-analog dual-backup architecture: The daisy-chain digital conference system acts as the core primary link, with dual systems outputting audio signals synchronously in parallel. Dual-transmission safeguards ensure conference stability, enabling a robust audio transmission system with primary-standby coordination and seamless switching.





HUAIN 华音

HY-6313系列  
全数字会议系统

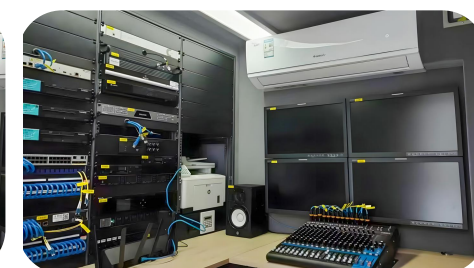
📍 抗战胜利80周年阅兵活动

Case Overview

## 80th Anniversary Military Parade of the War of Resistance Victory

To meet the stringent high-reliability audio transmission requirements of the grand military parade marking the 80th anniversary of the Victory of the Chinese People's War of Resistance Against Japanese Aggression and the World Anti-Fascist War, we adopted a dedicated digital-analog dual-backup architecture.

With the daisy-chain digital conference system as the core primary link, dual systems output audio signals synchronously in parallel. Dual-transmission safeguards ensure parade stability, delivering a robust audio transmission system with primary-standby coordination and seamless switching.



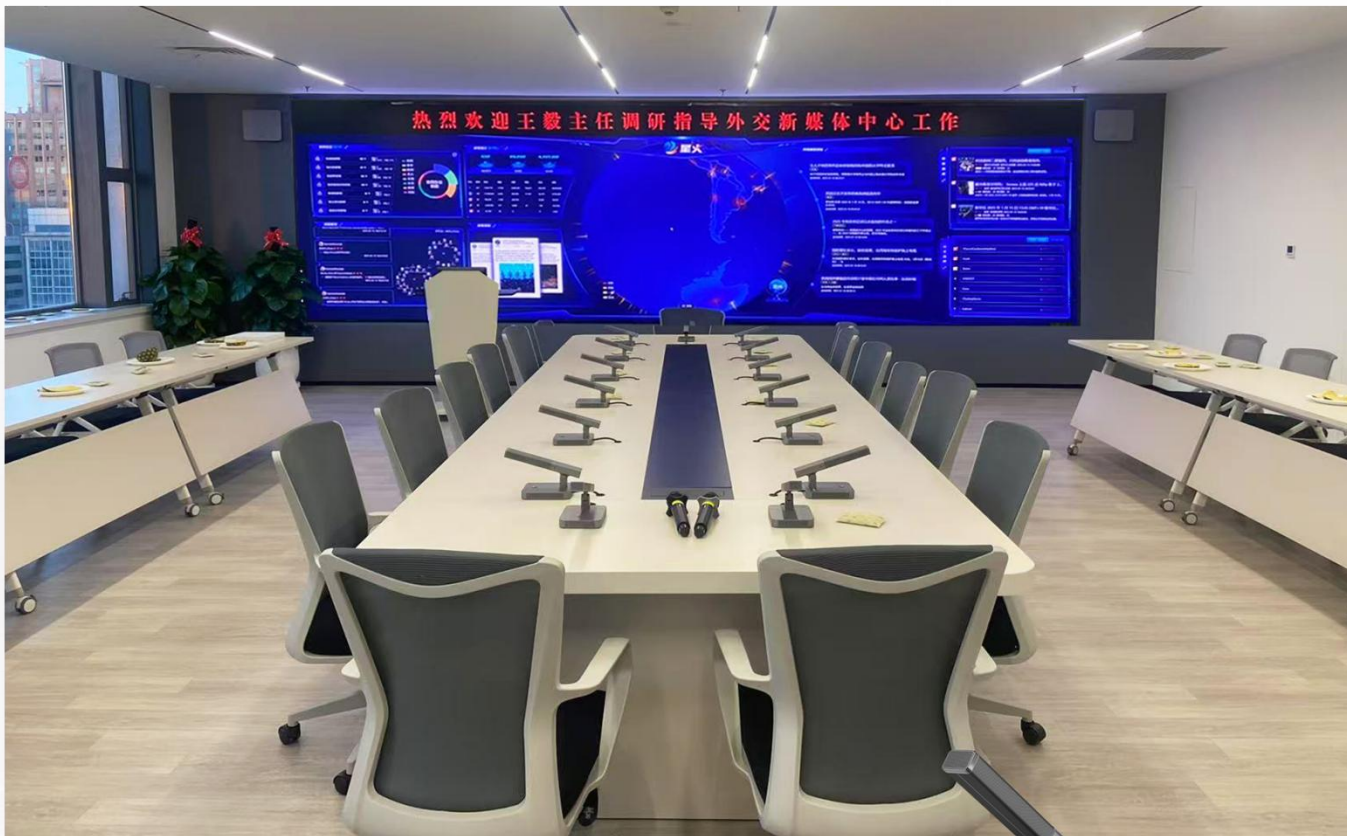
Case Overview

## New Media Center, MFA of the PRC

The Ministry of Foreign Affairs requires a stable, secure, and efficient conference system to support various important occasions.

The Huain Starry Sky series ensures absolute security for sensitive conference content with military-grade anti-eavesdropping technology (ultrasonic shielding + independent radar switch). Its dual-diaphragm high-fidelity pickup and AI noise reduction deliver crystal-clear voice details, with 48KHz lossless transmission making China's stance heard loud and clear globally.

The system supports 8 smart modes and multilingual interfaces, the chairman unit enables one-click speaking order control. Scalable to 76,800 units, it handles large international conferences effortlessly. The full-aluminum body has military anti-interference certification and 24/7 stable operation, meeting the high-intensity needs of diplomatic scenarios.



HY-SS310  
星空系列

📍 中华人民共和国外交部





**HY-SS904D**  
阵列式演讲话筒



天津知识产权赋能创新主体国际会议

Case Overview

## Tianjin Int'l Conf. on IP Empowering Innovation Entities

The all-digital conference units adopted for this event include the HY-6210 Series, HY-SS904D speech microphones, and HY-5910 Series. Boasting a wide pickup range, excellent sensitivity, and accurate sound reproduction, they ensure every guest can hear speeches clearly and engage better in discussions.

The conference operates in a "main venue + sub-venues" interactive mode, which requires guaranteed audio synchronization and clarity across different venues. With a dense array of electronic devices and numerous signal interferences (e.g., mobile phones, WiFi) on-site, the conference system faces severe challenges in anti-interference performance.



HUAIN 华音HY-6290  
全数字会议系统

哈尔滨第九届亚冬会



## Case Overview

## The 9th Asian Winter Games Harbin 2025

The all-digital conference unit HY-6290 Microphone adopted for this conference features high-sensitivity pickup technology, which accurately captures every syllable of the speaker. Even in large-scale conferences with multiple speakers taking turns, it ensures clear and transparent sound, delivering critical information such as details and rescue standards to every participant with precision.

With its robust anti-interference capability, it is well-suited for diverse conference environments across departments — whether in a formal headquarters conference hall or a temporarily set-up workshop venue at the grassroots level, it can effectively filter ambient noise and guarantee the purity of voice transmission.





中俄人文合作委员会第二十六次会议  
XXVI заседание Российско-Китайской комиссии по гуманитарному сотрудничеству  
2025年11月1日 北京 1 ноября 2025 г. Пекин



HY-6313系列  
双振膜会议系统

中俄人文合作委员会第二十六次会议



Case Overview

## The 26th Session of the China-Russia Committee on Humanities Cooperation

At the 26th Session of the China-Russia Committee on Humanities Cooperation—a key bilateral exchange—the HUAIN dual-diaphragm conference system (HY-6313 Series) delivered professional performance as the core audio support.

Its high-fidelity technology accurately reproduces speech nuances and emotions, ensuring clear voice layers for cross-lingual communication and zero-loss information delivery. The dual-diaphragm design enhances vocal clarity, filters ambient noise and electromagnetic interference effectively, and cuts distortion significantly.

Stable, reliable audio output bridges smooth communication between both parties, facilitates efficient agenda progress, and strongly supports in-depth discussions on bilateral humanities cooperation.



Case Overview

## 2025 World Internet Conference

Opening Ceremony of the 2025 World Internet Conference Wuzhen Summit | November 7  
 HUAIN provided a stable and reliable digital infrared simultaneous interpretation system for the event, deploying 60 digital infrared interpretation receivers in total.

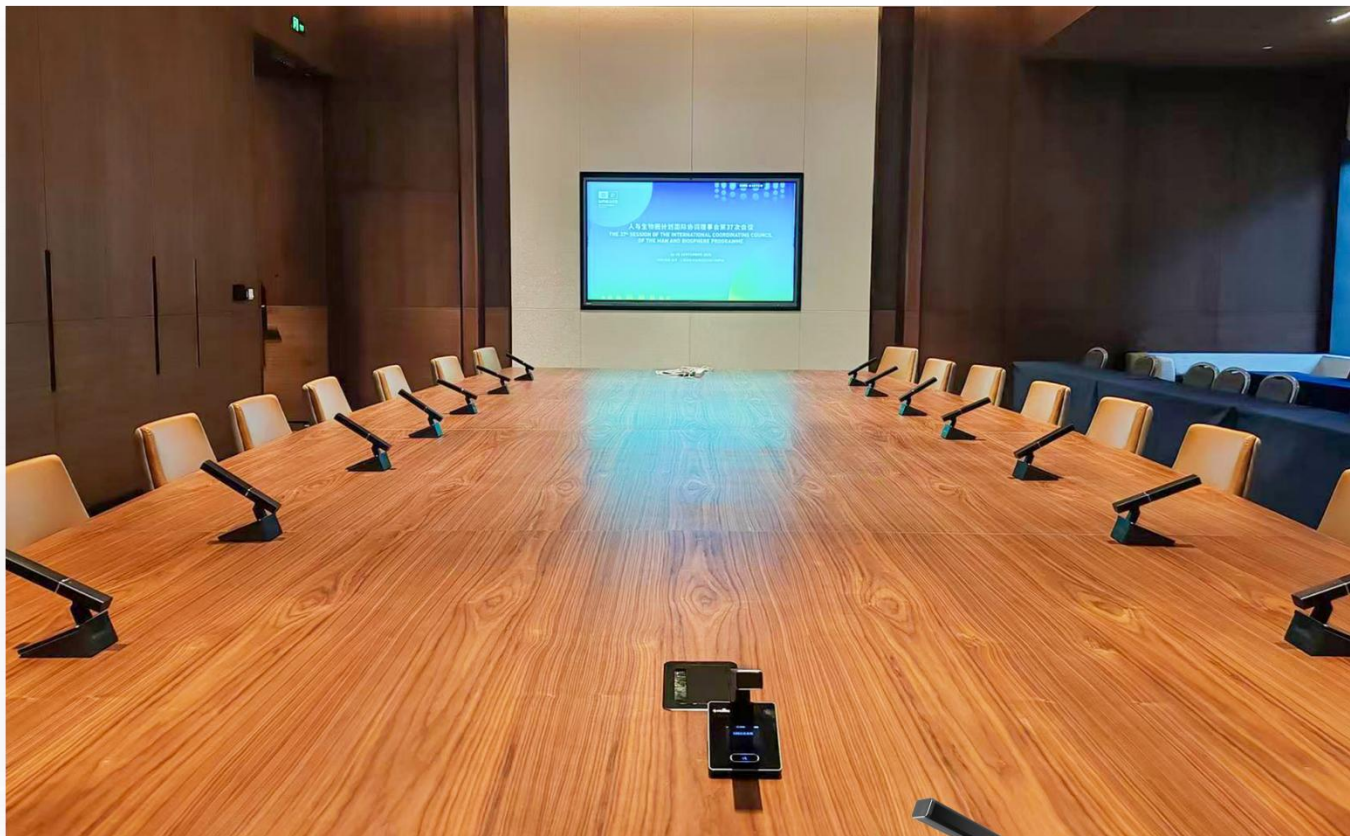
- Supporting simultaneous listening to 16 languages with zero crosstalk or interference, it ensures channel exclusivity. Boasting a 270° signal coverage angle, the receivers free users from seat restrictions, enabling seamless access to clear, stable audio even when moving freely within the signal range.
- The HY-4200D/16 Series 16-channel all-digital interpreter consoles, equipped for interpreters, support 16-channel simultaneous interpretation and monitoring. Paired with a 7.0-inch LCD color display, they deliver a safer and more efficient working experience for interpreters.



HY-4200D系列  
16通道全数字红外接收单元

📍 2025世界互联网大会





Case Overview

## The 37th Session of the MAB International Coordinating Council

From September 22 to 26, the 5th World Congress of Biosphere Reserves was held in Hangzhou. The venue deployed HUAIN 5940 Series wireless units, which feature dual-diaphragm pickup and AI noise reduction technology, paired with adaptive frequency hopping transmission. These units ensure clear, pure multilingual speech with zero interruptions throughout the event, flexibly meeting the needs of this international gathering and building a solid bridge for efficient communication on global ecological issues.



HY-5940系列  
2.4G无线双振膜单元



人与生物圈计划国际协调理事会第37次会议

Case Overview

## The Summer Palace, Beijing

As a top-tier cultural landmark in China, Beijing’s Summer Palace hosts diverse events—including cultural exchange seminars, VIP tours and themed activities—and requires stable, clear audio equipment tailored to high-end settings for speech and content delivery.

The venue selected the HUAIN Starry Sky Series HY-SS310 Microphone:

- Military-grade anti-eavesdropping tech (ultrasonic shielding + independent radar switch) ensures privacy for cultural exchanges and reception talks.
- Dual-diaphragm high-fidelity pickup and AI noise reduction capture precise voice details in presentations, making cultural sharing natural and clear.
- It adapts to various venues in the Summer Palace, stably supporting high-frequency events and tours, with reliable audio performance matching the landmark’s premium communication needs.



HY-SS310  
星空系列



北京颐和园

Case Overview

## 11th Meeting of WMO SDS-WAS Asian Steering Group

This conference deployed HUAIN digital infrared simultaneous interpretation system and Starry Sky Series microphones.

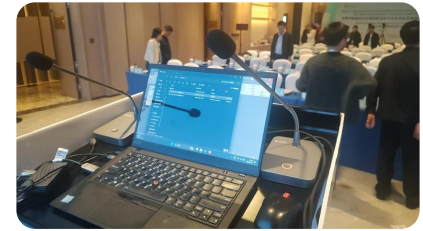
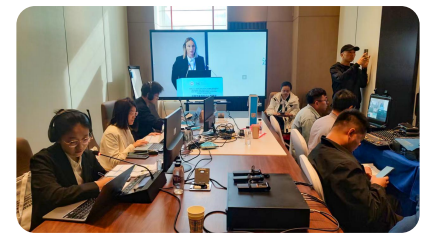
- Supporting 16-language simultaneous listening with zero crosstalk or interference, it guarantees channel exclusivity. The receivers' 270° signal coverage frees users from seat limits, enabling smooth access to clear, stable audio while moving freely within range.
- The HY-4200D/16 16-channel all-digital interpreter consoles in booths support interpretation and monitoring across 16 channels. Paired with a 7.0-inch LCD color display, they offer interpreters a safer, more efficient workflow.



HY-4200D系列  
16通道全数字红外接收单元



世界气象组织沙尘暴预警咨询与评估系统亚洲指导组第11次会议





G50 Chairpersons' Meeting



2025 Five Avenues Financial Forum (Tianjin)



Beijing Auto Museum



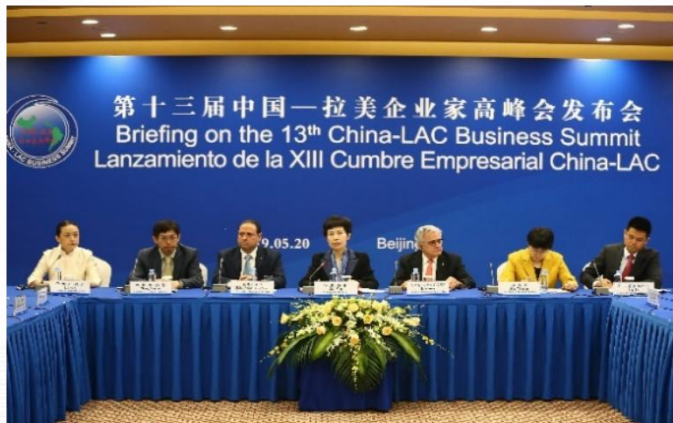
2025 12th World Games



The 2nd CIIE & Hongqiao International Economic Forum



The 7th Military World Games



Press Conference of the 13th China-Latin America Entrepreneur Summit



Press Conference of the 12th China-Latin America Entrepreneur Summit



China-Panama Entrepreneur Forum



The 4th China-Russia Media Forum



China-Botswana Business Forum



China-Africa Production Capacity Cooperation: China-Ghana Trade and Investment Forum



The 5th World Intelligence Congress



The 6th World Intelligence Congress



The 7th World Intelligence Congress



Flacq District Council of Mauritius



Russian Railways (JSC)



2019 Future Investment Initiative Summit, Riyadh, Saudi Arabia



Hohhot Municipal People's Congress, Inner Mongolia Autonomous Region



Dezhou Municipal People's Congress, Shandong Province



Pengzhou Municipal People's Congress, Sichuan Province



The 12th Session of the CPPCC Qiandongnan Miao and Dong Autonomous Prefecture Committee



The 4th Session of the 15th CPPCC Yubei District Committee, Chongqing Municipality



Jiangyou Municipal People's Congress, Sichuan Province



Department of Public Security of Guizhou Province



People's Procuratorate of Xincheng District, Hohhot, Inner Mongolia Autonomous Region



A Certain People's Procuratorate in Changchun, Jilin Province



Pudong New Area People's Court, Shanghai



Department of Public Security of Hubei Province



Airport Public Security Bureau of Shandong Provincial Department of Public Security



Guangxi Great Hall of the People



Department of Natural Resources of Shanxi Province



Department of Natural Resources of Sichuan Province



Inner Mongolia Great Hall of the People



Politics and Law Commission of Nanning, Guangxi Zhuang Autonomous Region



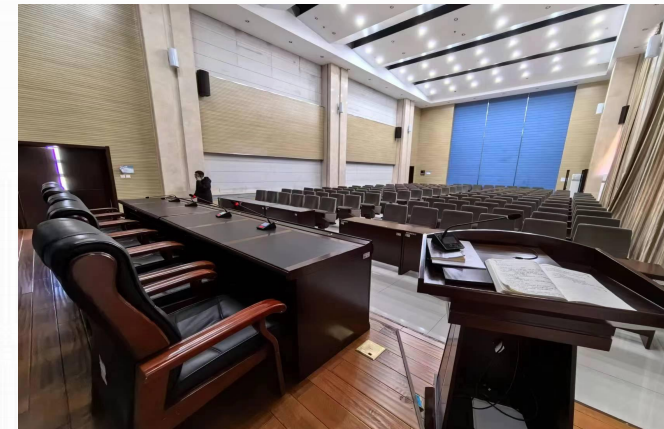
Health Commission of Liaoning Province



Sichuan University



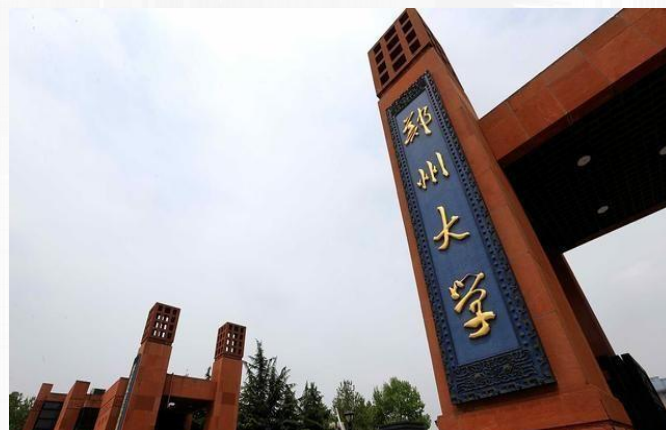
Yunnan University



Inner Mongolia University



Yunnan University of Finance and Economics



Zhengzhou University



Chongqing Jiaotong University



Jinzhong Branch of Postal Savings Bank of China,  
Shanxi Province



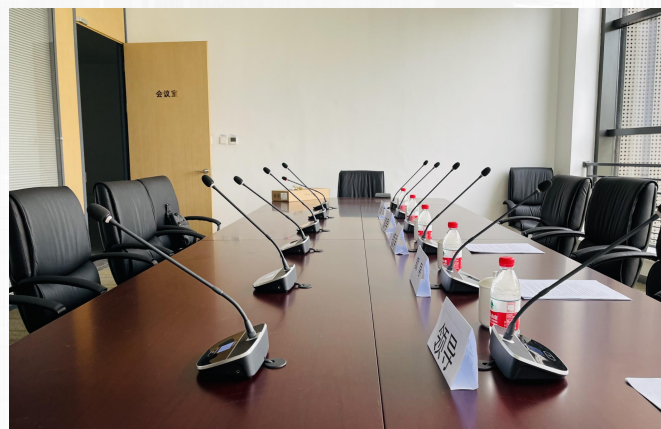
Jinan Branch of China CITIC Bank



Yunnan Branch of China Life Insurance (Group)  
Company



Tianjin Branch of Everbright Bank, Tianjin



Headquarters of Bank of Tianjin



Guangzhou Development Zone Branch of Bank of  
China Guangdong



# Thank You

—— 中华之音 全球共响 ——

华音（珠海）数字科技股份有限公司  
Huain (Zhuhai) Digital Technology Co., Ltd.



[www.huain-av.com](http://www.huain-av.com)