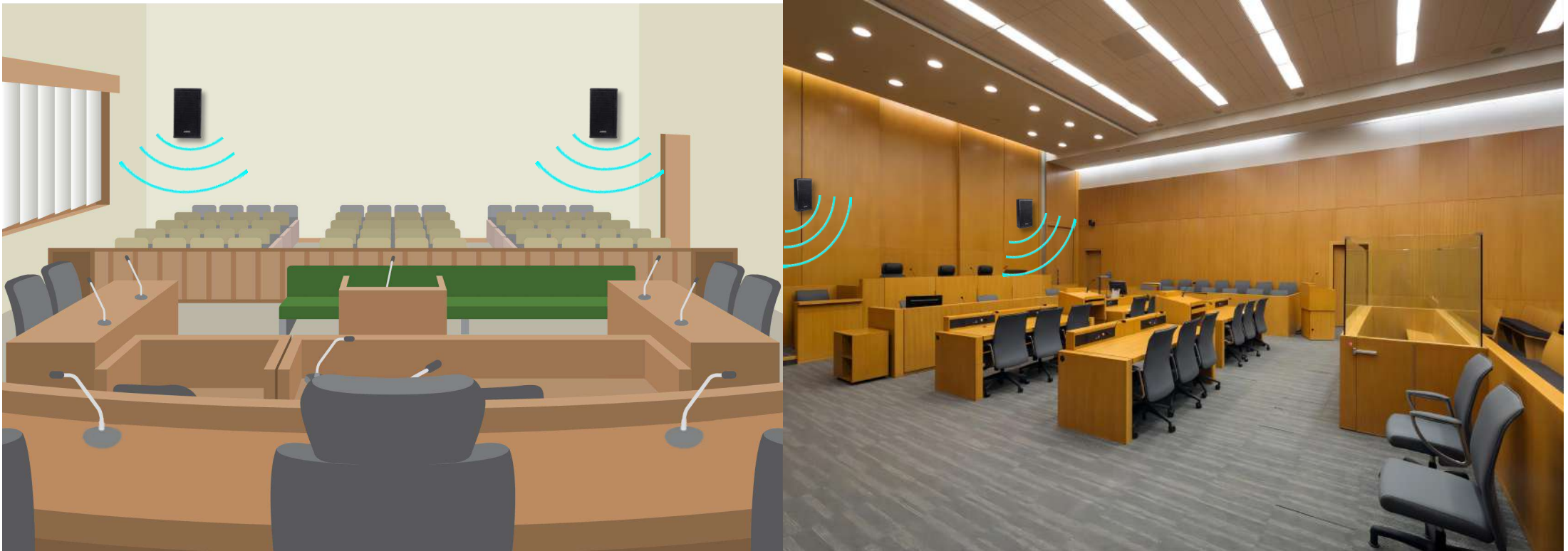# Professional Conference System for Court

Sound Reinforcement System for Court

- Sound Reinforcement system is designed to solve the problem of poor transmission of speech in the court and difficulty for the audience to hear clearly. During the court trial, judges, lawyers, witnesses and others need to speak, and the trial site is usually crowded with people, the space is complex, there are problems such as noise interference and scattered audience positions, which brings difficulties to the transmission and hearing of speech sounds.

- The design of the sound reinforcement system for the court needs to take into account audio input, audio processing, sound reinforcement equipment, control systems, system integration, and security and confidentiality for clear sound reinforcement and effective transmission of court speech.
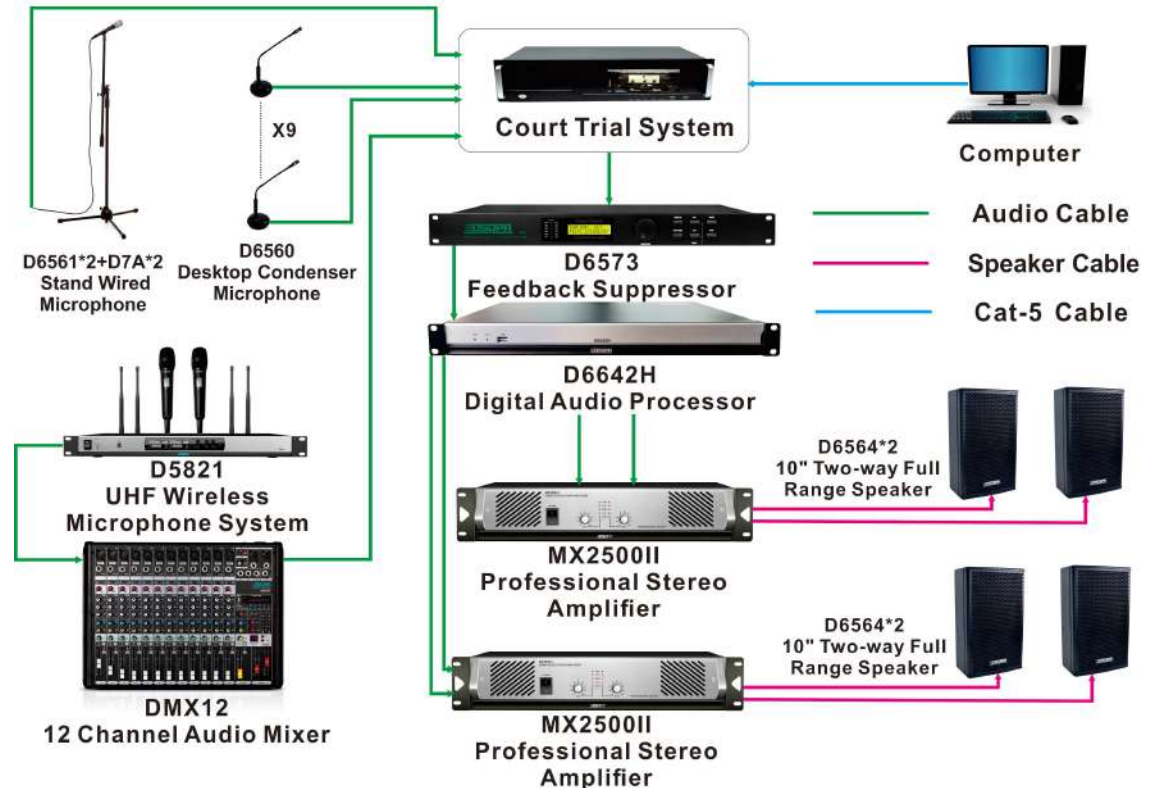
Installation Effect

Pure Speech Reinforcement Configuration

- The 250㎡ trial division is equipped with four 250W 10-inch two-way full range speakers.

- System Composition: Speech System + Professional Sound Reinforcement System.

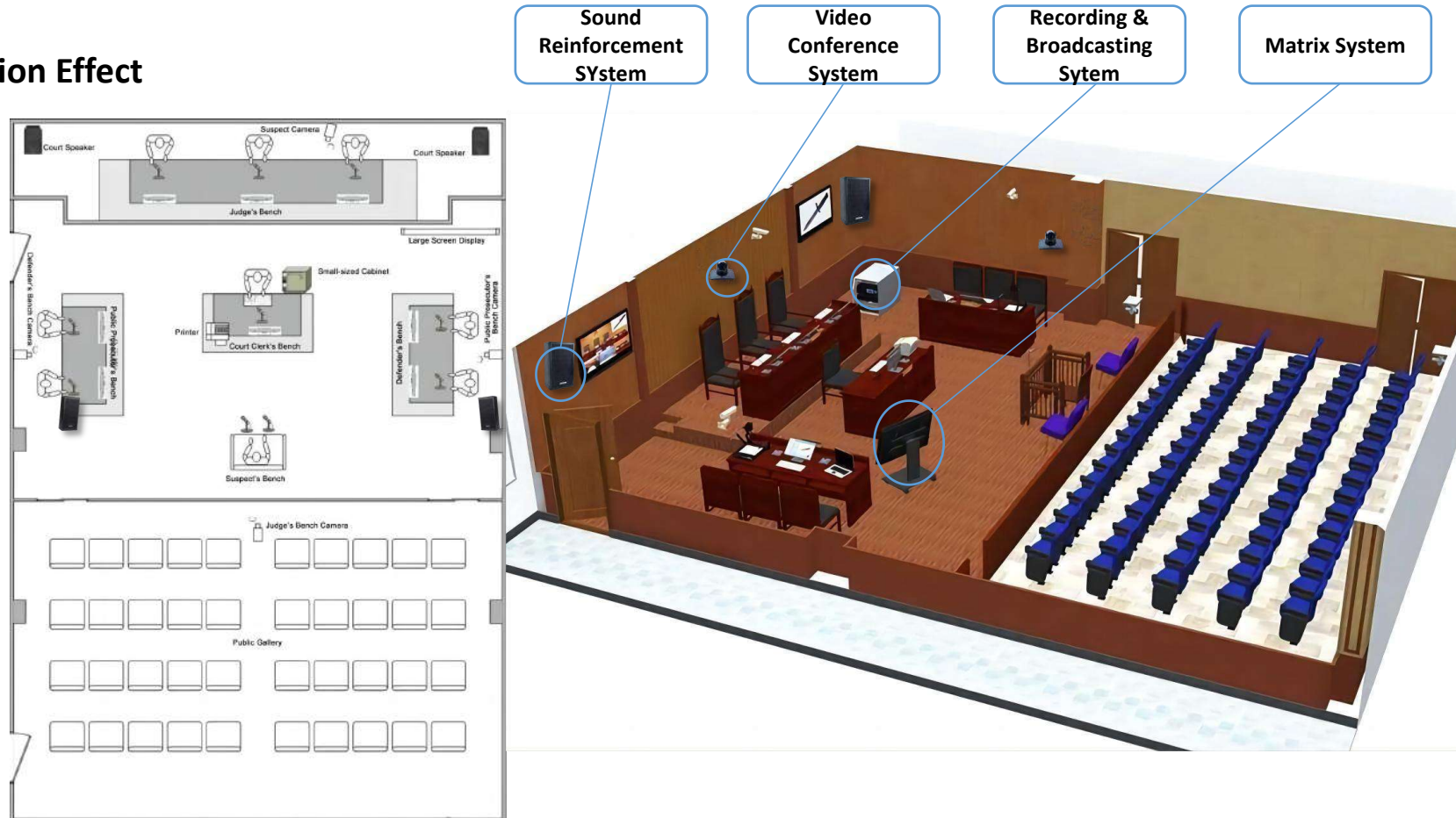- System functions: pure speech and audio reinforcement.

No.	Model	Product Name	Quantity
Audio System			
1	D6561	Stand Wired Microphone	2
2	D6560	Desktop Condenser Microphone	9
3	D5821	UHF Wireless Microphone System	1
4	DX12	12 Channel Audio Mixer	1
5	D6573	Feedback Suppressor	1
6	D6642H	Digital Audio Processor	1
7	MX2500II	Professional Stereo Amplifier	2
8	D6564	10" Two-way Full Range Speaker	4
Peripheral			
1	D6572II	Sequence Controller	1
2	D5A	Wall Mount Kits	4
3	D7A	Microphone Stand	2
4	MP40U	40U 19" Floor Stand Audio Rack with Electric Fan	1

Court Trial System

Computer

X9

D6561*2+D7A*2
Stand Wired
Microphone

D6560
Desktop Condenser
Microphone

D6573
Feedback Suppressor

D6642H
Digital Audio Processor

——— Audio Cable

——— Speaker Cable

——— Cat-5 Cable

D5821
UHF Wireless
Microphone System

DMX12
12 Channel Audio Mixer

MX2500II
Professional Stereo
Amplifier

MX2500II
Professional Stereo
Amplifier

D6564*2
10" Two-way Full
Range Speaker

D6564*2
10" Two-way Full
Range Speaker

Multi-system Integration Extension

- Matrix System: The signal distribution system needs to be responsible for managing computer signals and indoor camera signals from the lawyer's bench, podium, judge's bench, witness box, and switching to the corresponding display screen.

- Video Conference System: In court applications, it can be used as a remote trial or as a sub-venue auditor.

- Recording and Broadcasting System: records the entire court judgment process for live playback.
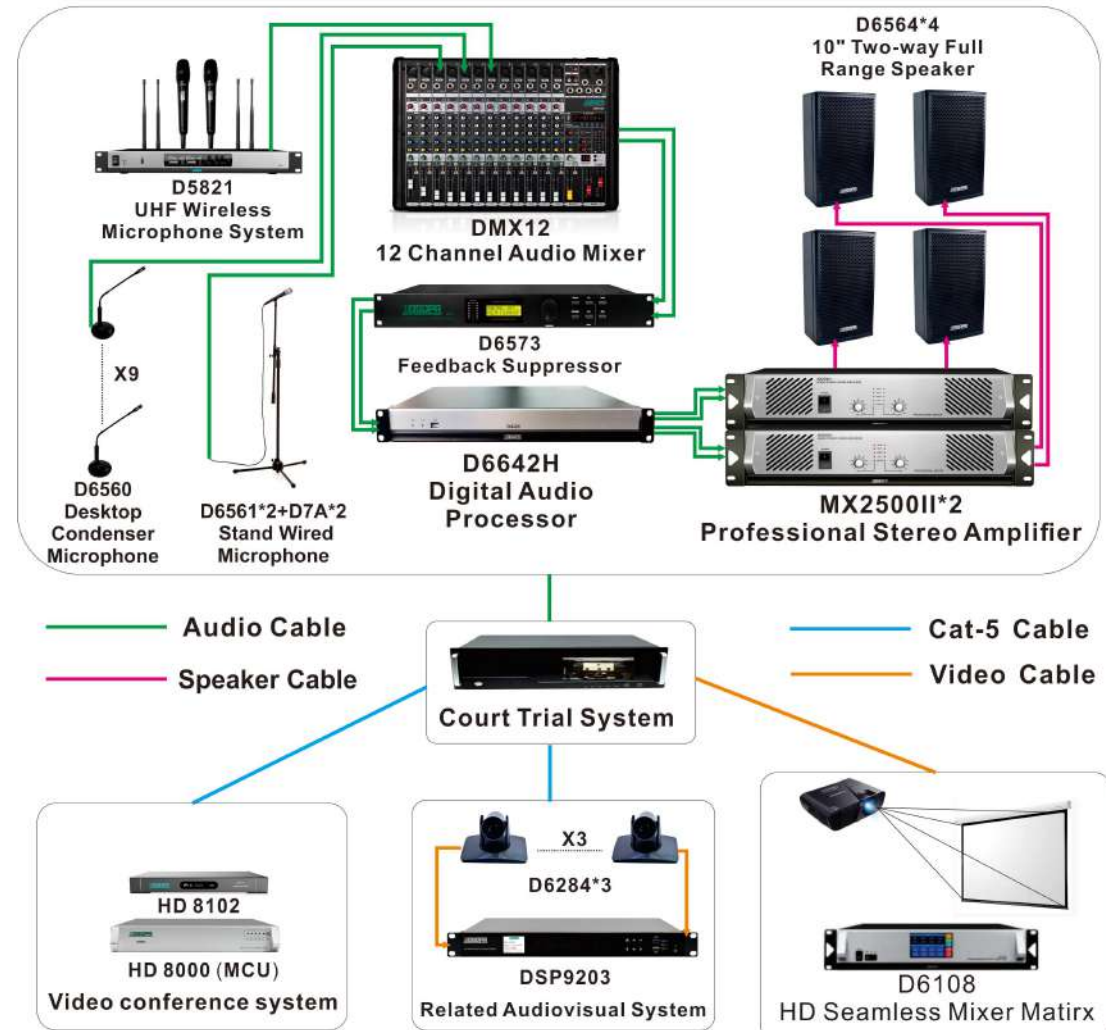
Installation Effect

Pure Speech System + Recording&Broadcasting System + Video Conference System + Matrix System Configuration

No.	Model	Product Name	Quantity
Audio System			
1	D6561	Stand Wired Microphone	2
2	D6560	Desktop Condenser Microphone	9
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6	D6642H	Digital Audio Processor	1
7	MX2500II	Professional Stereo Amplifier	2
8	D6564	10" Two-way Full Range Speaker	4
Recording&Broadcasting System+Video Conference System+Matrix System			
1	D6284	HD Conference Camera	3
2	DSP9203	HD Conference Record System Host	1
3	HD 8102	HD Video Conferencing terminal	1
4	HD 8000	HD Video Conference MCU (16 channels)	1
5	D6108	HD Seamless Mixer Matirx	1
Pheripheral Equipment			
1	D6572II	Sequence Controller	1
2	D5A	Wall Mount Kits	4
3	D7A	Microphone Stand	2
4	MP40U	40U 19" Floor Stand Audio Rack with Electric Fan	1

System Composition: Pure Speech System + Recording and Broadcasting System + Video Conference System + Professional Sound Reinforcement System + Matrix System.

System Functions: pure speech, recording or live broadcasting, remote video conferencing, signal switching, audio sound reinforcement.
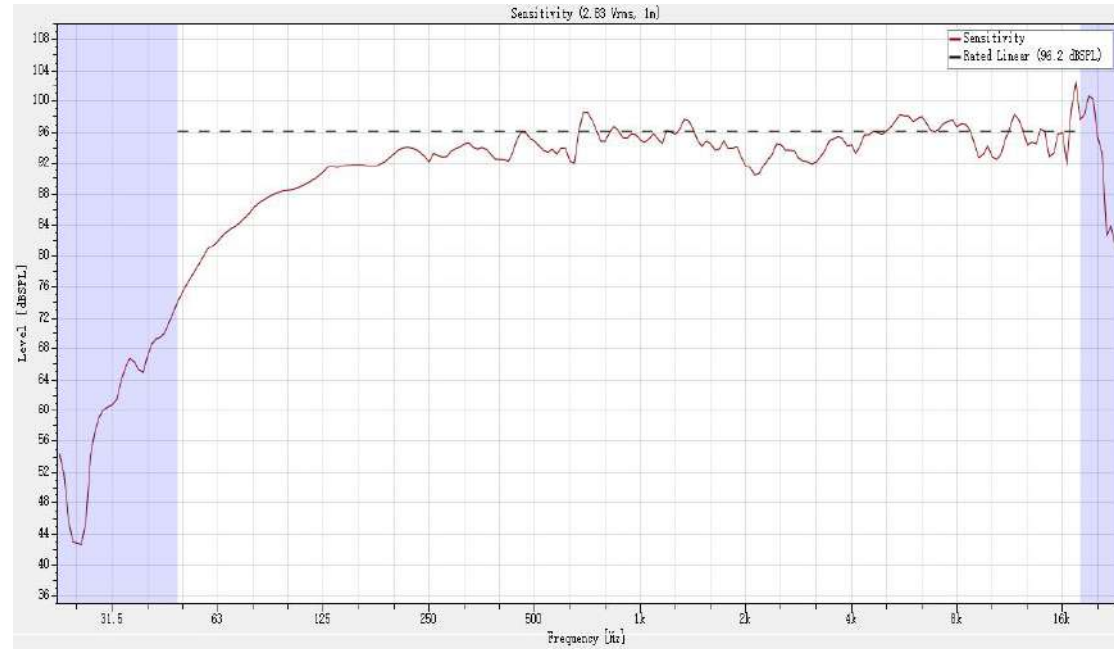
Product Introduction

Professional Speaker <u>D6564</u>

- Phased-inverted low-frequency radiated two-way loudspeaker system;
- Wooden case processing by water-based paint spraying with black spot on the surface perforated metal mesh acoustic penetration cotton;
- Built-in efficient and high quality unit; Suitable for suspension installment.
- Driver Unit: 10" Bass×1, 1" Treble×1; Rated Power: 250W
- Dimension (H×W×D): 515×315×287mm; Weight: 14.6kg

D6564 Sensitivity Curve

- The sound effect of the two-way full-range speaker is more balanced, which can better restore the details and expressiveness of the music, and can give people a more comfortable feeling.

- It is also suitable for professional performance venues, various conference venues, mobile performances, squares, shopping centers and other places.
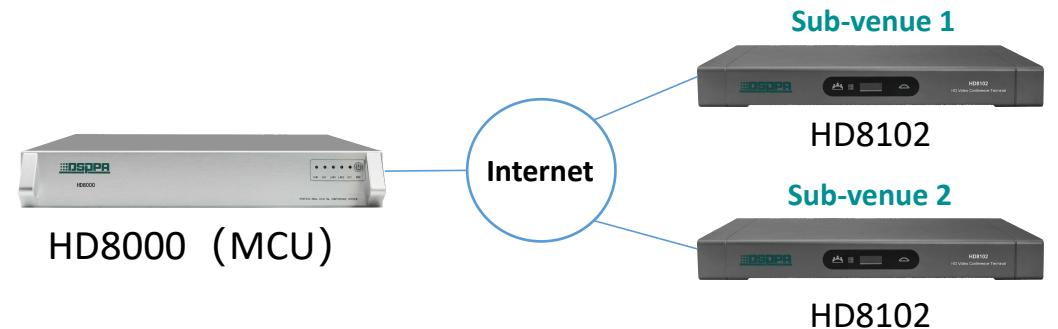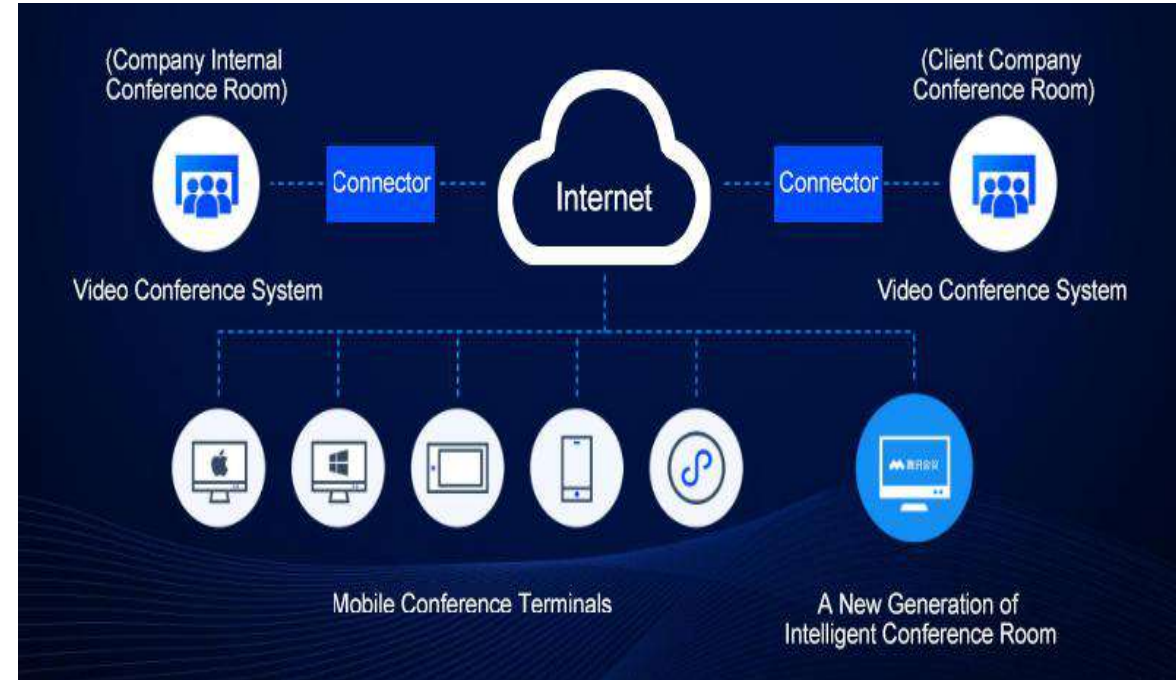
Product Introduction

Video Conference System

- Convene conferences with remote video systems to quickly and efficiently communicate policy, decision-making, or superior meeting spirit to all departments, reducing business travel time and costs for staff and greatly improving office efficiency.

- Multi-level Conferences: International, cross-regional, and cross-city meetings can be held independently, or multi-level groups can hold conferences in a unified manner, and support meetings under multiple networks and different bandwidth environments.

- Remote Video Control: The management and control center can remotely control the cameras in each conference room, and uniformly schedule the video images.

- Remote Control: The control center can remotely control the video in each conference room, including viewing screen selection, screen definition adjustment, conference speech settings, etc.

Mobile and PC client software

Remote Video Conferencing Structure Schematic Diagram

(Company Internal Conference Room)

Connector Internet Connector

(Client Company Conference Room)

Video Conference System

Video Conference System

Mobile Conference Terminals

A New Generation of Intelligent Conference Room

Sub-venue 1

HD8102

Internet

HD8000 （MCU）

Sub-venue 2

HD8102

Product Introduction

Recording & Broadcasting System Advantages

- The system includes a module for automatic implementation of RTMP stream and supports live broadcasting on both LAN and WAN networks.

- Support iPhone/iPad/Android and other mobile terminals to enjoy borderless webcasting.

- Browsers can directly enter the host IP to watch the live broadcast, without the need to install any software.
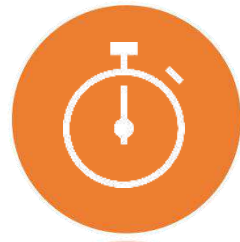
Live broadcast can be performed on LAN/WAN

100 Channels / Per machine

Plug-in-free playback

HD Low Latency

What's the Recording & Broadcasting System?

The recording and broadcasting system is to collect the video, audio and image signals of electronic equipment (including computers and physical exhibition stands) in real time for integration and synchronous recording, generating standardized streaming media files for external live broadcast, interaction, storage and on-demand, etc.

Front Panel

DSP9201
(with 2 SDI inputs)

Rear Panel

DSP9203
(with 4 SDI inputs)

The embedded 2.0-inch display screen of the recording and broadcasting host can display: the equipment model, classroom or conference room name, local IP, working status, equipment temperature, date and time, etc., and can quickly set and query the host status.
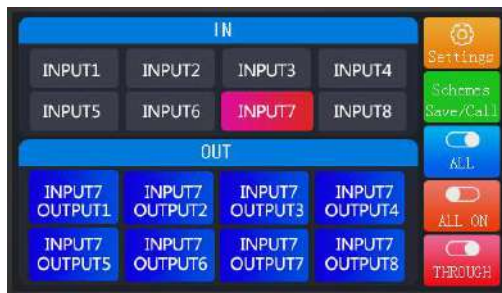
Product Introduction

Matrix System

● Intelligent matrix system for audio and video signal switching. The signal cards compatible with different audio signal input/output cards include: HDMl, DVI, VGA, SDI, AV seamless input/output signal cards.

● It supports multiple signal input and output intermixing matrix switching and provides the independent video signal and audio input and output terminal.

● The audio and video signals of each video signal are transmitted and switched separately to minimize the attenuation of signal transmission. Image and sound signals can be output with high fidelity and can be randomly matched with input and output signal cards.

● Support power-off protection, power-off memory, audio and video synchronization or separate switching.
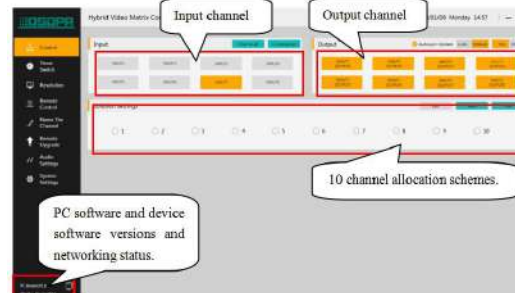
D6108 Front and Rear Panel

Device Panel Operation

PC Control Software Operation

Operated with the Central Control System

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