



DCP-86H

Interactive Flat Panel Solution for Small Meeting Rooms

Solution Overview

- With the increasing demand for efficient meetings in modern enterprises, traditional high-efficiency meeting systems can no longer meet the requirements for rapid collaboration, smooth interaction, and seamless communication. Intelligent ultra-clear interaction, integrated meeting terminals, efficient collaboration features, energy-saving intelligence and security, as well as enhanced scalability, have become the ideal choices for improving meeting quality and efficiency. This solution aims to help enterprises comprehensively elevate their meetings and achieve a more intelligent and collaborative conference environment experience.
- A 50-square-meter conference room sound reinforcement system falls under the category of small-scale conference room audio setups. Typically, this type of sound reinforcement does not require complex procedures—it operates on a plug-and-play basis for user convenience. The system should feature simple installation, easy construction, high reliability, strong anti-interference capability, and deliver clear, pleasant speech throughout the venue with uniform sound distribution. It must eliminate howling and background noise to ensure meeting content is transmitted clearly to every participant.



Project Requirements

- The system features a simple structure and user-friendly operation, requiring no professional expertise—anyone can start using it immediately.
- The equipment procurement costs are reasonable, and setting up a meeting environment is convenient. It meets the daily needs of local meetings for speaking, maintains a tidy meeting tabletop, and allows flexible adjustment of the number of speakers.
- The screen display delivers clear visual effects.

Pain Points of Traditional Meetings

1. Pre-meeting preparations are relatively complex

2. Projection requires high lighting conditions in meeting rooms

3. Presenting solutions becomes overly cumbersome when multiple people are involved.

4. Low writing efficiency



Solution

- By adopting a touch-enabled all-in-one machine, commonly used meeting equipment such as computers, projectors, and whiteboards can be integrated into a single device, enhancing the effectiveness of unified applications.
- One-time import of electronic files via USB flash drive can save significant time in distributing materials, eliminates the need for video connection cables, removes complicated wiring, and allows multi-person presentations without changing positions.
- Enable screen mirroring interaction via wireless connection (supports up to 9 simultaneous screen projections) with high-definition display, allowing direct reverse control of the computer during wireless projection. Meeting participants can annotate directly on the display screen, and post-meeting annotations can be emailed to attendees.
- Infrared stylus/finger direct writing (supports up to 20 touch points for simultaneous writing), one-key erasure, saving 70% of writing time.



Solution for Single Intelligent Interactive Flat Panel

Solution Configuration

Meeting Room Capacity: 20-50m²

System composition: DCP-65H 65-inch Intelligent Interactive Panel

System Advantages:

- Viewing Distance Adaptation: The optimal viewing distance for a 65-inch screen is 2.1-3.5 meters, perfectly matching the seating distance for 4-8 people.
- Sound Field Coverage: An 8-array microphone with an 8-meter pickup radius ensures no dead zones in a 20m² space.
- Audio System: Equipped with built-in 2*16W speakers, eliminating the need for additional external speakers to meet the amplification requirements of small meetings.
- Mobility Option: Optional mobile stand (DCP-75H) allows for quick 5-minute scene switching between meeting rooms and training rooms.

Conclusion:

- A single intelligent interactive panel = projector + electronic whiteboard + conference audio system + video system + collaboration platform, achieving dimensional reduction strikes in terms of space, cost, and efficiency. Particularly for small and medium-sized enterprises that are budget-sensitive, space-constrained, and efficiency-driven, this currently represents the optimal cost-performance and future-oriented solution.



DCP-86H Solution for Small Meeting Rooms

Solution Configuration

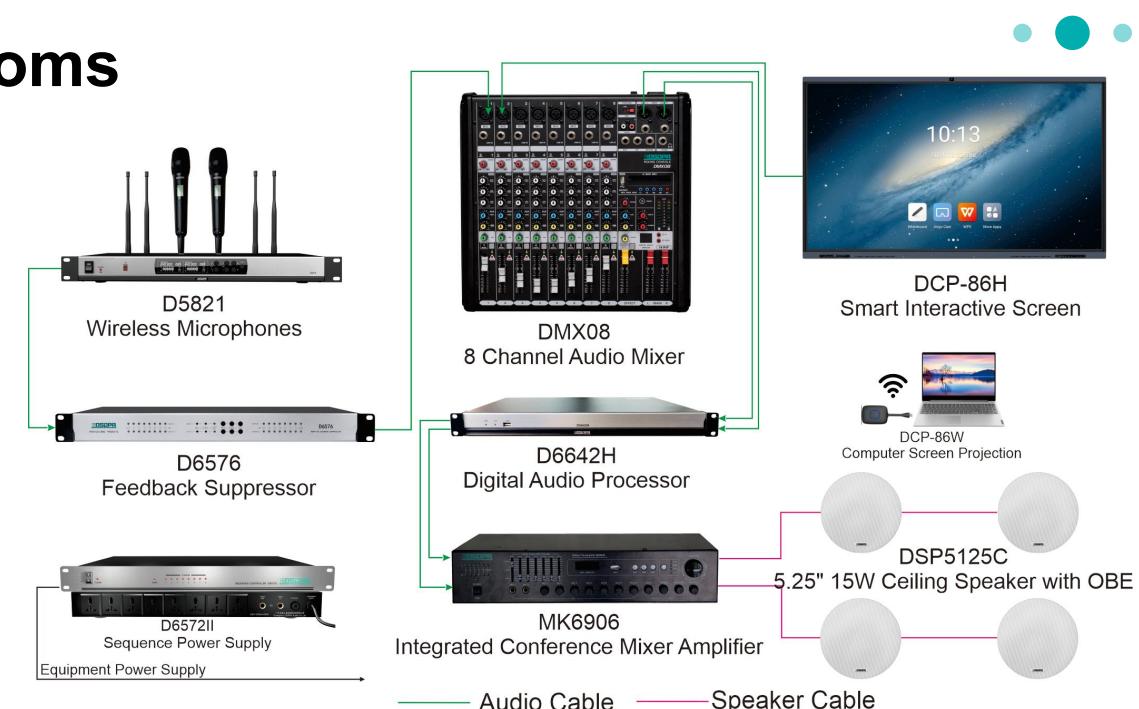
Meeting room size: 50~100m².

System composition: Speaking system + sound reinforcement system + display system.

System functions: Handheld microphone mobile audio amplification, mixer for audio source mixing and adjustment. Smart conference tablet displays meeting content in real time.

System Advantages:

- For the convenience of the meeting room, it is equipped with wireless handheld microphones to facilitate speaker mobility; paired with a mixer and feedback suppressor to meet the input and output connections of various audio sources, enabling various operations and processing of system audio sources to enhance sound quality; equipped with ceiling speakers that can be completely concealed in the ceiling, improving the aesthetics of the meeting room. The DSP5125C's high sensitivity and low distortion deliver clear vocal output, ensuring speech fidelity.
- Additionally, the smart all-in-one conference system DCP-86H can be wall-mounted, featuring an integrated design that does not occupy excessive meeting space while maintaining a sleek and sophisticated appearance with a strong technological appeal, effectively enhancing the corporate meeting room's image.
- Paired with a screen mirroring device, it enables real-time wireless sharing of computer screens to the large display, providing a convenient operational solution for the meeting room.



No.	Model	Product Name	Quantity
1	D5821	True Diversity UHF Wireless Microphone System	1
2	D6576	Automatic Feedback Suppressor	1
3	DMX08	8 Channel Audio Mixer	1
4	D6675	8 Channel Digital Audio Processor with Echo Suppressor	1
5	MK6906	2x60W Integrated Conference Mixer Amplifier	1
6	DSP5125C	5.25" 15W Ceiling Speaker with OBE	4
7	DCP-86H	86 inch Intelligent Interactive Flat Panel	1
8	DCP-86P4	OPS Computer Module	1
9	DCP-86W	Screen Sharing Device	1

■ DCP-86H Product Function



- **Original A grade panel**
4K resolution
- **Front Physical Buttons and Interfaces**
Easy and convenient operation
- **Interval Sound Design**
Eliminates tremolo interference
- **Compatible with Dual Systems**
Supports OPS and Android dual systems
- **Zero-bonding Design**
Improve writing experience

■ DCP-86H Functions and Features



**48MP
Camera**



**8ARRAY
Micophones**



android 14



48MP camera, 8-array microphone

Android 14

Powerful performance

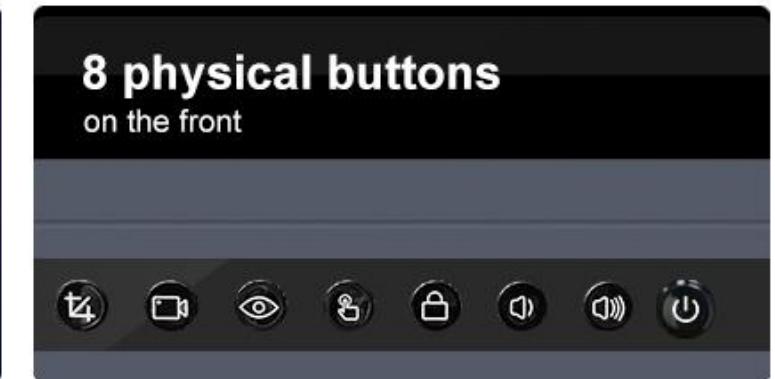


Fluent Writing



**4K
ULTRAHD**

**1.07B
Display Color**



**8 physical buttons
on the front**

Fluent Writing

4K resolution

Front physical buttons and interfaces

■ DCP-86H Product Features



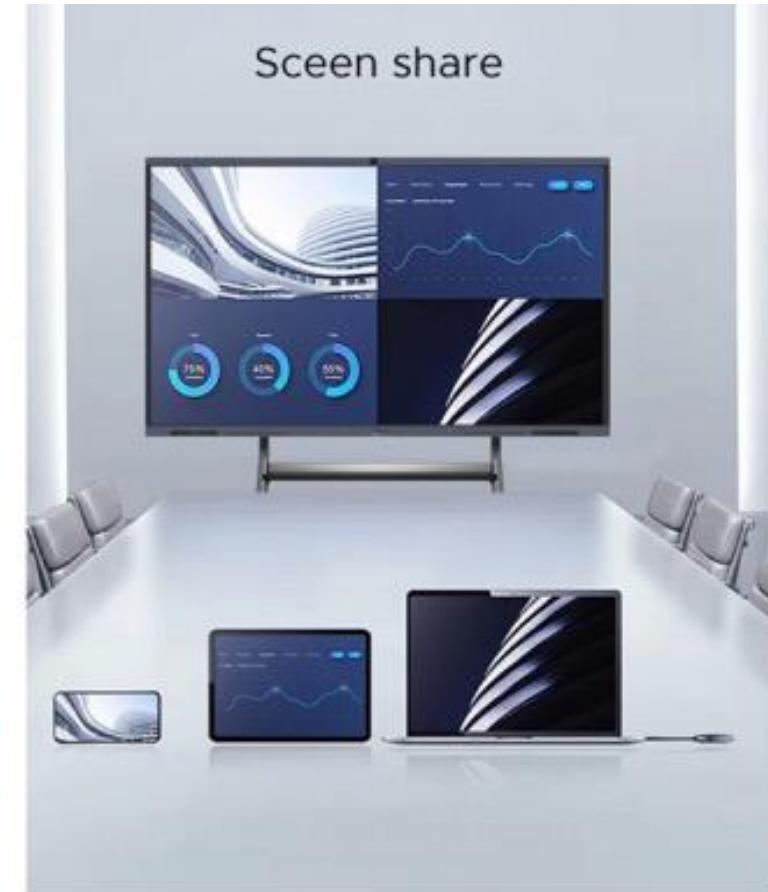
Whiteboard Writing

Smooth writing, nano-infrared technology, touch frame technology.



Remote Conferencing

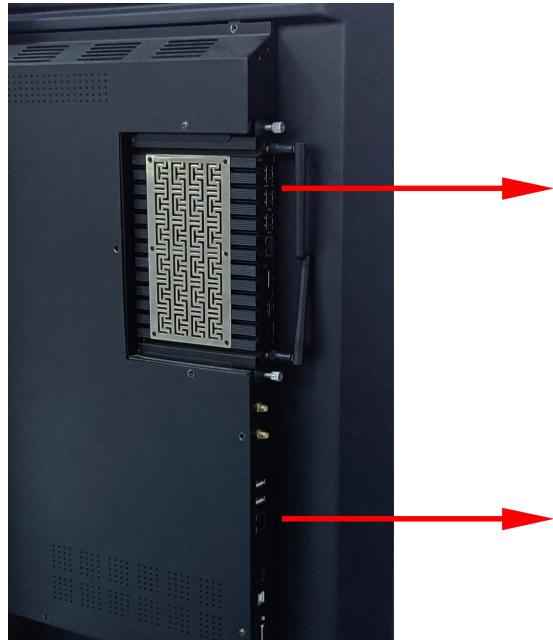
Built-in camera and microphone for easy remote video conferencing.



Wireless Screen Transmission

Supports simultaneous screen transmission on multiple devices such as mobile phones, tablets, and computers. Simplifies meeting processes and improves meeting efficiency.

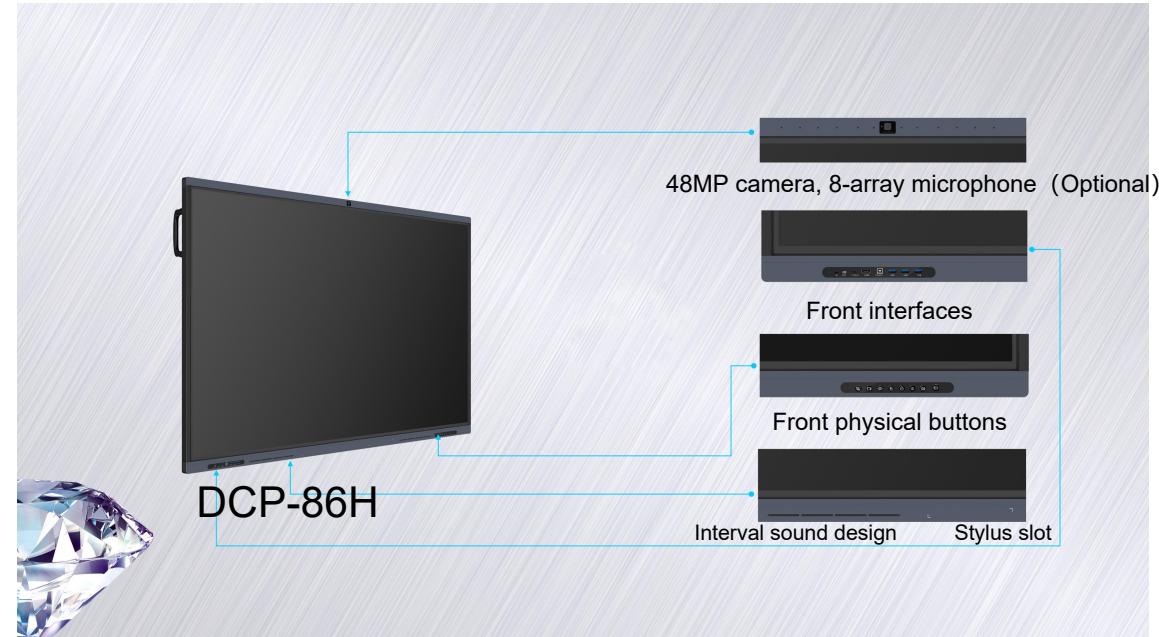
■ DCP-86H Product Details



OPS computer slot



Rich of rear interfaces



DCP-86H

48MP camera, 8-array microphone (Optional)

Front interfaces

Front physical buttons

Interval sound design Stylus slot

Product Specifications



DCP-65H

DCP-75H

DCP-86H

Size	Overall Size / N.W.	Packing Size / G.W.	QTY of Containers 20'GP/40'GP/40'HQ
65"	1485×900×88mm / 38.2Kg	1630x160x1024mm / 48.42Kg	96/206/206
75"	1707×1025×88mm / 50.6Kg	1855x160x1155mm / 66.28Kg	90/180/186
86"	1953×1162×88mm / 65.1Kg	2095x160x1288mm / 82.65Kg	38/80/160

■ Accessories and Installation Methods

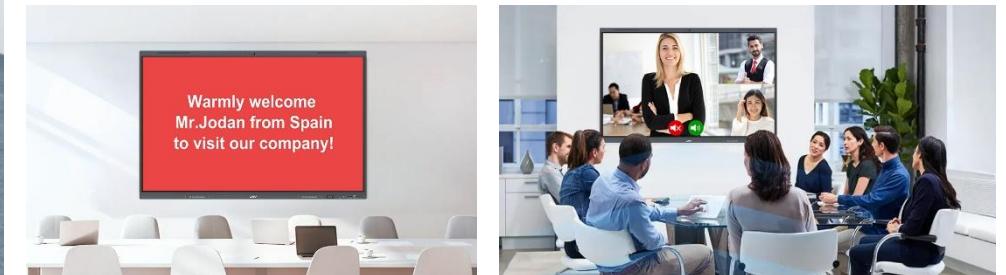
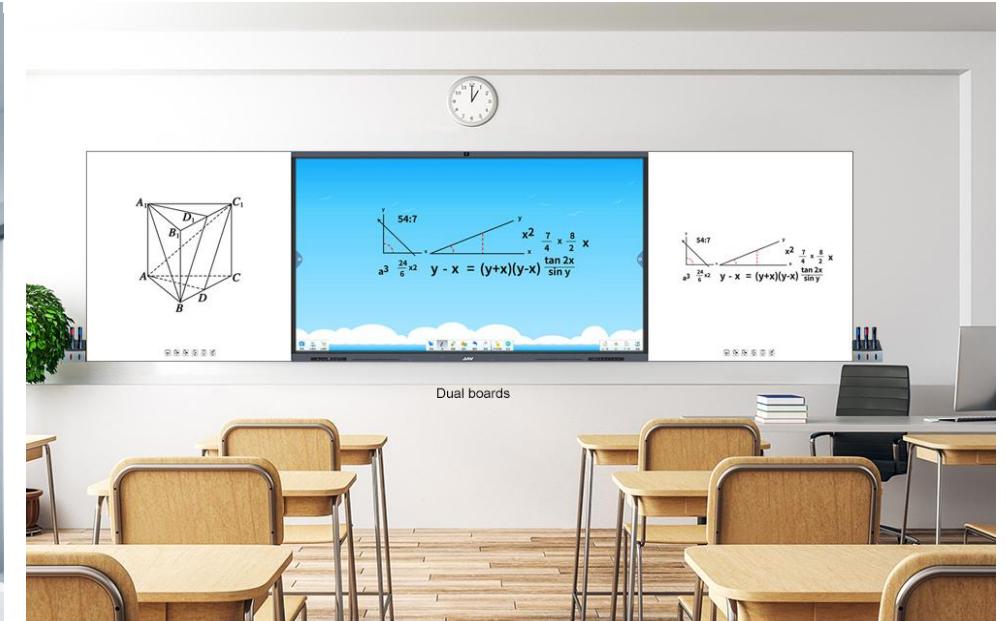
Model	Product Description	Description	Picture
DCP-86W	Screen Sharing Device	For screen mirroring use	
DCP-86P4	OPS Computer Module	CPU:Intel® Core™ i5 4th generation	
DCP-86P10	OPS Computer Module	CPU: Intel® Core™ i5 8th generation	
DCP-86MZ-65	Mobile Bracket	Suitable for 65-70 inches	
DCP-86MZ-75	Mobile Bracket	Suitable for 75-86 inches	



Product Application



Corporate office, improve meeting collaboration efficiency



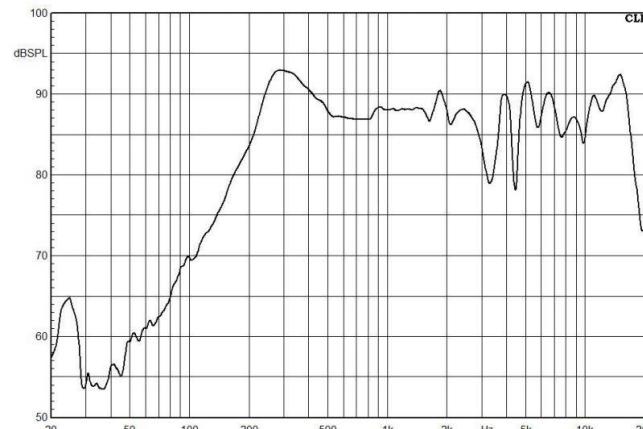
School smart teaching
Company reception, team brainstorming

■ Product Introduction - DSP5125C

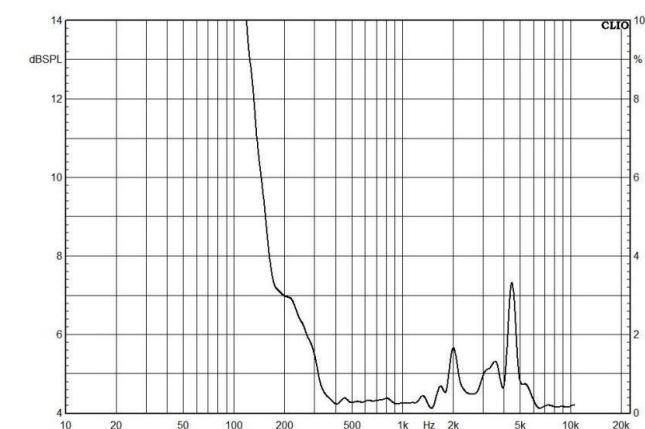


Features :

- Working Impedance 8Ω, Rated Power 15W:
- Sensitivity: 87dB, Frequency Response Range: 165Hz-18kHz
- High-quality engineering plastic, injection molded, frameless design durable, non-deforming and non-fading



Freq.Response
(dB SPL.1W.1m)



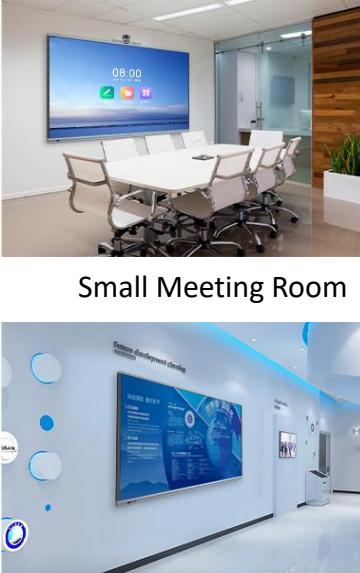
Distortion
(THD<1.5% 1W,1m,100Hz-10KHz)

The DSP5125C, with its three key features of minimalist installation, precise vocal reproduction, and concealed deployment, has become the ideal choice for audio reinforcement in small to medium-sized conference rooms. It is particularly well-suited for pairing with smart flat panels to create modern meeting spaces with "integrated audio-visual" capabilities.

Multiple Application Scenarios



Work Report



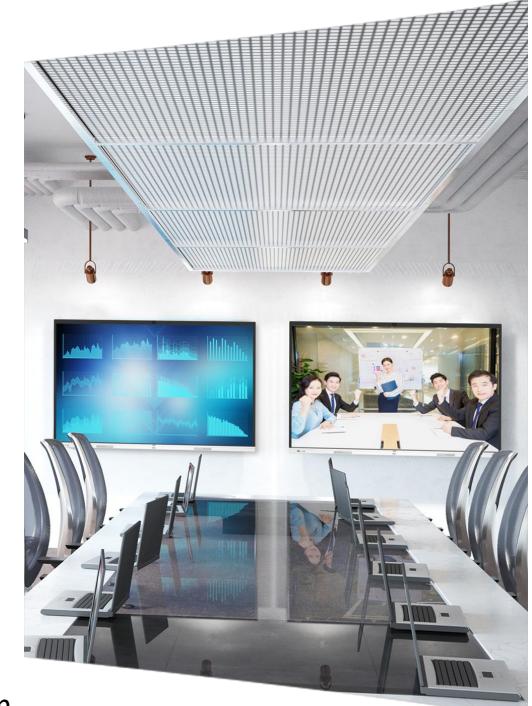
Small Meeting Room



Medium Meeting Room



Large Meeting Room



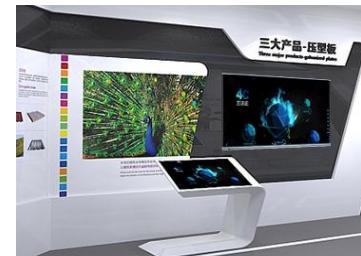
Paperless Office



Publish Information



Exhibition



Business Supervision System



DCP-86H series is widely used in government, enterprises, institutions, education, medical, finance, real estate, commercial retail, home entertainment and other fields.



CREATING THE BEST

SOUNDING THE WORLD

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