

# H-9500M Central Unit



## Description



Based on digital control technologies, this series full digital conference system is flexible and reliable for any mini/medium/large conference. This system main features include microphone management, automatic video tracking, conference audio recording, voting, etc.

This series full digital conference system is also provided with function that to access and control main unit through software, thus the operator can easily manage and control the conference proceedings.

Other peripheral devices like computers, touch panels, projectors and loudspeakers can also be integrated with H-9500 series fully digital conference system

## Features

- FTP CAT6 cables are introduced for data transmission and power supply, supporting message transmission with a fast internet service of 100M. Thus audio signals could be delivered perfectly in long distance.
- 80 pieces of microphones could be applied simultaneously on single conference system, with H-9500E digital conference extension unit, totally 400 microphones can be connected to the system. This digital conference system has four network interfaces (RJ45), each of them allows the connection of twenty microphones. Four microphones are allowed to be activated at the same time.
- A sampling frequency of 48KHZ is supported by the system.
- In order to ensure clear, highly sensitive, and perfect sound quality, high-performance dual-core CPU, 32 bit high-speed digital signal processing, audio feedback inhibition, acoustic echo cancelling, noise reduction and digital equalization are available.
- TCP (transmission control protocol) and IP (internet protocol) are available, enabling a reliable and safe management.
- LCD screen that displays the operating status of various functions.
- When coupled with phone coupler, teleconference could be realized.
- Video tracking control unit and high-definition switching matrix are available for high definition auto video tracking.
- Built-in USB storage, allowing the realizing of recording and monitoring.
- Audio signal can be output both in balanced and unbalanced for connecting other audio equipments such as mixer, mixing amplifier etc.
- Different interfaces provided, like Ethernet, RS422 and RS232, can meet different devices requirement.

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## Features

- Three modes available: REQUEST(1-4), LIMIT (1-4), and FIFO (1-4), support speech timing function.
- Multiple conference functions can be realized when the digital conference system is connected to computers via cables.
- Connection: FTP CAT6 Ethernet cable
- Control interface. : 9 PIN, D-type (female), connecting to the central control system (RS232C)  
RJ45 Ethernet, connecting to PC  
RS422, connecting to high speed dome camera

## Technical Specification

Power Supply	AC 220V-240V (50Hz/60Hz)
Power Consumption	300W
T.H.D.	<0.05%
S/N	>80dB
Frequency Response	20Hz-20KHz
Color	Black
Audio Input Port	RCAx1, XLR x1
Audio Output Port	RCAx1, XLRx1
Audio Output level	+18dBu balanced
Output Voltage	DC24V
Control Interface	9 PIN, D-type (female), connecting the central control system main unit (RS232C) RJ45 Ethernet, connecting to PC RS422, connecting to high speed dome camera
Connector	RJ45x4
Connection Cable	FTP Cat6 Ethernet cable
Dimension (mm)	483x360x88
Net Weight (Kg)	7.6 kg.
Installation	2U rack, 19 inch frame

# H-9510C Chairman Unit



## Features



- Fully Digital Conference System
- Microphone On/Off Key
- Microphone with a flexible stem and a ring light at the microphone head. Frequency Response: 20Hz-20KHz
- Sensitivity: -44dB±2dB
- Connection interface: Cat6 Ethernet cable (RJ45) supporting message transmission with a fast internet service of 100M
- Length of gooseneck: 500mm
- Stem Microphone removable
- Headphone jack (Ø 3.5mm) with volume control
- Net weight: 0.8Kg
- Discuss, video camera auto-track
- Build-in speaker
- Build-in LCD screen
- Chairman with priority button to mute the microphones of other participants, and only the chairman's microphone can speak other participants will then become active again until the switch is released.

## Technical Specification

Power Supply	DC24V by Cat6 cable
Type	Uni-directional electret condenser microphone (Cardioid)
Consumption Rating	2.5W
Max. SPL	125dB (THD<3%)
Directivity	>20dB (1KHz)
Equivalent noise	20 dBA (SPL)
Frequency Response	20Hz-20KHz
Sensitivity	-44dB±2dB
System Connection	FTP Cat6 Ethernet cable
Length of gooseneck (mm)	500 mm.
Net Weight (Kg)	0.8 kg.

# H-9510D Delegate Unit



## Features



- Fully Digital Conference System
- Microphone On/Off Key
- Microphone with a flexible stem and a ring light at the microphone head.
- Frequency Response: 20Hz-20KHz
- Sensitivity:  $-44\text{dB}\pm2\text{dB}$
- Connection interface: Cat6 Ethernet cable (RJ45) supporting message transmission with a fast internet service of 100M
- Length of gooseneck: 500mm
- Stem Microphone removable
- Headphone jack ( $\varnothing 3.5\text{mm}$ ) with volume control
- Net weight: 0.8Kg
- Discuss, video camera auto-track
- Build-in speaker
- Build-in LCD screen

## Technical Specification

Power Supply	DC24V by Cat6 cable
Type	Uni-directional electret condenser microphone (Cardioid)
Consumption Rating	2.5W
Max. SPL	125dB (THD<3%)
Directivity	>20dB (1KHz)
Equivalent noise	20 dBA (SPL)
Frequency Response	20Hz-20KHz
Sensitivity	$-44\text{dB}\pm2\text{dB}$
System Connection	FTP Cat6 Ethernet cable
Length of gooseneck (mm)	500 mm.
Net Weight (Kg)	0.8 kg.

# H-9500E Extension Unit



## Description



With this extension unit, the system can support more microphones.

One unit extension unit can support 80 units microphone, it could be extended up to 400 units within one system.



## Technical Specification

Power Supply	AC110V/240V 50Hz/60Hz
Power Consumption	300W
Color	Black
Output Voltage	DC24V
Connector	RJ45x4
Connection Cable	FTP Cat6 Ethernet cable
Dimension (mm)	484x360x88
Net Weight (Kg)	7.2 kg,
Installation	2U rack, 19 inch frame