

# DCW-9900M Wireless Digital Controller Unit



**DCW-9900 Series** is 2.4G Wireless digital conference system, This series includes Wireless digital controller Unit (DCW-9900M), Wireless digital chairman unit (DCW-9900C) and Wireless digital delegate unit (DCW-9900D). This series combined video-tracking system, supports HD camera and SD camera and support up to 255 units.

DCW-9900 Series with simple and elegant design, Wireless Control unit is centralized processing and control discussion, Clear sound, hi-fidelity, built in USB port for recording in MP3 format and Support up to 64GB, Control unit has Large TFT screen display information, Built-in feedback eliminating technology, Built-in Video switcher processor 4IN/2OUT for SD video camera and Support control HD video camera and SD video camera up to 4 unit, This series can be perfectly integrated into any conference rooms or meeting rooms without additional wiring. It's the best wireless conference solutions for small to medium scale system.

## Feature

- 2.4GHz ADFHSS (adaptation frequency hopping spread spectrum) technology to increase the security.
- Good ability for resistance to Mobile interference.
- Built-in feedback eliminating technology.
- Easy to move and easy to Installation without problem wiring connection.
- Easy to control meeting mode and the number of speakers by the buttons on the panel.
- Large TFT screen displays 4.3 inch display conference mode working status.
- The microphone can open at same time : 1,2,3,4
- Discussing and video-tracking combined conference system.
- The DCW-9900M can support 255 microphone units.
- The electrical load and short circuit protection function and The power switch turn-on/off without silent noise.
- Equipped with audio parallel output , Balanced output and a 6.3 jack output, conference recording outputs and background music inputs interface.
- Built in USB port for recording with light indicator. (Maximum 64GB)
- RS232 interface can be achieved using computer software to control entire conference system function.
- Built-in Video switcher processor 4IN/2OUT for SD video camera.
- Support control HD video camera and SD video camera up to 4 unit.
- Support protocol camera control Pelco-D, Pelco-P and Visca.
- Intelligent power management, when the DCW-9900M is turned off then all Discussion unit auto switch to turn off.
- DCW-9900M use with Omni-direction antenna(360°) Covering an area total is 60m and use with Directive antenna(180°) Covering an area 80m (option).
- Antenna Amplifier use for increase stable working distance.(option)
- 2U of a standard 19-inch rack.
- Four operational microphone modes:
  1. CHAIRMAN mode: Only chairman can speech.
  2. FIFO mode: After reaching limit number (1-4) when open new delegate microphone the first microphones will close automatic.
  3. LIMIT mode: Limit microphones (1-4) can open on the same time.
  4. TIME LIMIT mode: Setting on time speaking.

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- Built in USB port for recording with light indicator.
- Large TFT screen displays 4.3 inch display conference mode working status.
- The DCW-9900M can support 255 microphone units.
- Intelligent power management, when the DCW-9900M is turned off then all Discussion unit auto switch to turn off.
- Built-in Video switcher processor 4IN/2OUT for Standard Definition (SD) video camera.
- Support control High Definition (HD) video camera and Standard Definition (SD) video camera up to 4 unit.
- Four operational microphone modes:
  1. CHAIRMAN mode
  2. FIFO mode
  3. LIMIT mode
  4. TIME LIMIT mode

## Certifications : CE and RoHS

The DCW-9900M conforms to standard

## Controls and Indicators



### Front

- Power on/off switch.
- Record on/off button with light indicators.
- 1 TFT display for status information and configuration.
- 1 button (ENTER) for enter to the Menu.
- 1 button (ESC) for Return or Exit.
- 1 button (VOL+ / >) for increase volume and select menu to the right.
- 1 button (VOL- / <) for reduce volume and select menu to the left.
- 1 button (^) for select menu to the top.
- 1 button (v) for select menu to the bottom.

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## Interconnections and Controls



### Back

- 1 x Wireless antenna socket (COMMUNICATION ANT) for System data control.
- 1 x Three-pole XLR balanced (BALANCED) for mixed audio output.
- 2 x RCA sockets Connector, Rec output or Aux output.
- 1 x 6.35 mm (1/4") jack sockets (MIX OUT) for mixed audio output.
- 1 x 9-Pin female serial connector (RS232) for control entire conference system function via software computer.
- 2 x BNC connector for Video output.
- 4 x BNC connector for Video input.
- 1 x RS422 port for control camera.
- 1 x DC input.

## Specifications

<b>Carrier frequency band</b>	2.400-2.500GHz
<b>Communication distance</b>	60M (Max)
<b>Frequency response</b>	20Hz~20KHz
<b>T.H.D.</b>	<0.05%dB
<b>S/N Ratio</b>	>90dB
<b>Operating temperature range</b>	-20~70°C
<b>Signal covering range</b>	60M (Max)

### DCW-9900M Controller Unit

<b>Power supply</b>	DC 12V~17V
<b>Power consumption</b>	6.5W
<b>Dynamic range</b>	>100dB
<b>Channel crosstalk</b>	>60 dB
<b>Display</b>	TFT 4.3 inch
<b>Dimensions</b>	480x370x85 mm
<b>Weight</b>	6KG

## Diagram

