DCS-980M Digital Central Controller Unit with Recorder

SOUNDVISION™

DCS-980M is a fully digital conference central control unit, which centralized processing and control discussion, Clear sound, hi-fidelity, Built-in telephone coupler input/output,Built-in Digital automatic feedback suppression, built in USB port for recording in MP3 format and Support up to 64GB drive.Support up to 60 units,Can be expanded to discussion up to 5,000 units.

DCS-980M Supports multiple meeting for :
- Corporate meeting Rooms.
- Government meeting room & City Council Meeting.
- Education institutions.
- Courtrooms.
- Non-profit oragnizations.

Certifications : CE and RoHS

The DCS-980M conforms to standard
- IEC 62321
- EN 55013 , EN 55020 , EN 61000

Feature

- Fully digital conference system.
- Easy to control meeting mode and the number of speakers by the buttons on the panel.
- LCD screen displays 128 x 32 dot matrix display conference mode working status.
- The microphone can open at same time : 1,2,3,4,5,6 and full opening.
- Built in USB port for recording with light indicator. (Maximum 64GB)
- The DCS-980M can support 60 microphone units. And can able to support microphone up to 5000 units by power extended machine.
- The electrical load and short circuit protection function.
- The power switch turn-on/off without silent noise.
- Equipped with audio parallel output and a 6.3 jack output, conference recording outputs and background music inputs interface.
- Built-in telephone coupler input and output ports, can be used for a remote meeting.
- Built-in DAFS Function Digital automatic feedback suppression is controlled It can facility automatically eliminates acoustic feedback.
- RS232 interface can be achieved using computer software to control entire conference system function.
- Seven operational microphone modes:
  1. CHAIRMAN mode: Only chairman can speech.
  2. FIFO mode: After reaching limit number (1-6) when open new delegate microphone the first microphones will close automatic.
  3. LIFO mode: After reaching limit number (1-6) when open new delegate microphone the last delegate microphones will close automatic.
  4. LIMIT mode: Limit microphones (1-6) can open on the same time.
  5. FREE mode: All delegate microphones can open on the same time.
  6. REQUEST mode: The all delegate microphone unit can be open after the chairman approve only.
  7. TEST mode: Light-ring all delegate microphone in system will turn on for check all delegate microphone status is ready to used.

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- Built-in DAFS Function Digital automatic feedback suppression.

- Built in USB port for recording with light indicator. (Max 64GB)

- Built-in telephone coupler input and output ports.

- Easy to control meeting mode and the number of speakers by the buttons on the panel.

- LCD screen displays 128 x 32 dot matrix display conference mode working status.

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- Seven operational microphone modes:

  1. CHAIRMAN mode   5. FREE mode
  2. FIFO mode   6. REQUEST mode
  3. LIFO mode   7. TEST mode
  4. LIMIT mode

Controls and Indicators

Front

- Power on/off switch.
- 1 LCD display for status information and configuration.
- Record on/off button with light indicators.
- 1 USB port for recording in MP3 format.
- 1 button (VOL+) for increase volume or select menu to the top.
- 1 button (SET) for select ok or enter to the Menu.
- 1 button (VOL-) for reduce volume or select menu to the bottom.
- 1 button (ESC) for Return or Exit

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Interconnections and Controls

Back

- One three-pole XLR balanced audio line output.

- 2 x RCA sockets Connector, Rec output or Aux output.

- 2 x RCA sockets Connector, Line input or Aux input.

- 3 x Circular din connectors 8P DIN panel female for loop through interconnection.

- 1 x Circular din connectors 8P DIN panel female for extension connection of conference units.

- 1 x ¼" Female panel mount Jack MIX output.

- 1 x 9-Pin female serial connector (RS232) for control entire conference system function via software computer.

- 1 x 6-Pin RJ11 female connector for input Telephone cable.

- 1 x 6-Pin RJ11 female connector for output Telephone cable.

- 1 x Button switch for DAFS on/off.

- 1 x AC input.

Specifications

Power Supply	AC 100-240V
Max Power Consumption	120W
Frequency response	30Hz-18kHz
Input impedance	LINE:50KΩ DIN:50KΩ
Output impedance	RECORD :200Ω LINE :200Ω BALANCE: 300Ω UNBALANCE: 400Ω
Signal to Noise Ratio	> 100dB @ 1KHz
Total Harmonic Distortion Ratio	< 1 % @ 1kHz
Opreation temperature	0°C ~ 35°C
Storage temperature	-40°C ~ 70°C
Color	Silver
Dimensions	480x55x220 mm
Weight	4.0 Kg
Set	19 inches racks

Diagram

DCS-980M
(support 60 unit)

Example system

DCS-900C / DCS-990C
DCS-900D / DCS-990D

Amplifier

Loudspeaker

DCS-900D / DCS-990D

DCS-900D / DCS-990D