

DWS-1000M Digital Wireless Central Controller Unit with Recorder



FEATURE

- Adapting digital technology, embedded high performance CPU, support discussing.
- Main panel adopts spraying process, the design is novel and high-end, highlighting the sense of high technology.
- Adopt FM transmission audio, cooperate with high-reduction circuit and anti-howling design, and use the new anti - howling single-point high-sensitivity capacitor microphone core to achieve high-fidelity restoration of conference sound.
- New concept of anti-electromagnetic interference circuit design to eliminate electromagnetic interference from mobile phones and other electronic products.
- Control and audio signals use wireless high-frequency signal communication to avoid the microphone cable, simple and convenient installation.
- HD 256*64 COG display, the menu is clear and easy to operate.
- With 20 Groups of optional channels, 20 Groups of systems can be used simultaneously, easily avoid all kinds of interference.
- Microphones in one system up to 50 units, 4 microphones can be turn on at the same time, No limit on the number of Chairman.
- Support Mode: FIFO (1/2/3/4), Chairman Only.
- Digital control technology, the microphone only occupies 4 audio frequency points, to avoid the occurrence of string frequency phenomenon.
- Operation distance up to 100 meters with the best condition, 60 meters in normal condition.

DWS-1000M Digital Wireless Central Controller Unit with RecorderSPECIFICATIONS

AUDIO CHANNEL

Transmission method	UHF Wireless (one way)
Audio channel	4
Carrier frequency band	UHF 694.5 ~ 702.7 MHz, 748.3 ~ 757.7 MHz
Band width	17.8 MHz
Modulation method	FM
Receiving sensitivity	-90 dbm
Audio gain	≤ 20 dbm
Frequency response	50Hz - 18kHz ±3dB
S/N Ratio	>85 dB
T.H.D.	≤ 0.8%

DATA CONTROL CHANNEL

Transmission method	Wireless (two-way)
Data channel	20
Frequency Range	433.05 ~ 434.79MHz
Modulation method	FSK
Receiving sensitivity	-90 dbm
Transmission consumption	≤7 dBm
Communication rate	110 Kbps
Frequency deviation	<0,003

DWS-1000M CONTROLLER UNIT

Carrier frequency band	UHF 694.5 ~ 702.7 MHz, 748.3 ~ 757.7 MHz
Frequency response	50Hz - 18kHz ±3dB
Signal covering range	60M
Consumption Rating	< 7.2W
Operating temperature range	-10°C ~ 40°C
Power supply	DC 12V
Output	XLR x 1, 6.35 mm x 1
Display	COG LCD
Dimensions (WxLxH)	483 * 266 * 45.3 mm
Weight	3.1 kgs

CONTROLS AND INDICATORS

Front

- Power on/off switch.
- USB Port (USB Recording)
- Button Audio Record play & pause
- 1 COG display for status information and configuration.
- 1 Volume (Push) for enter and select to the Menu.



Rear

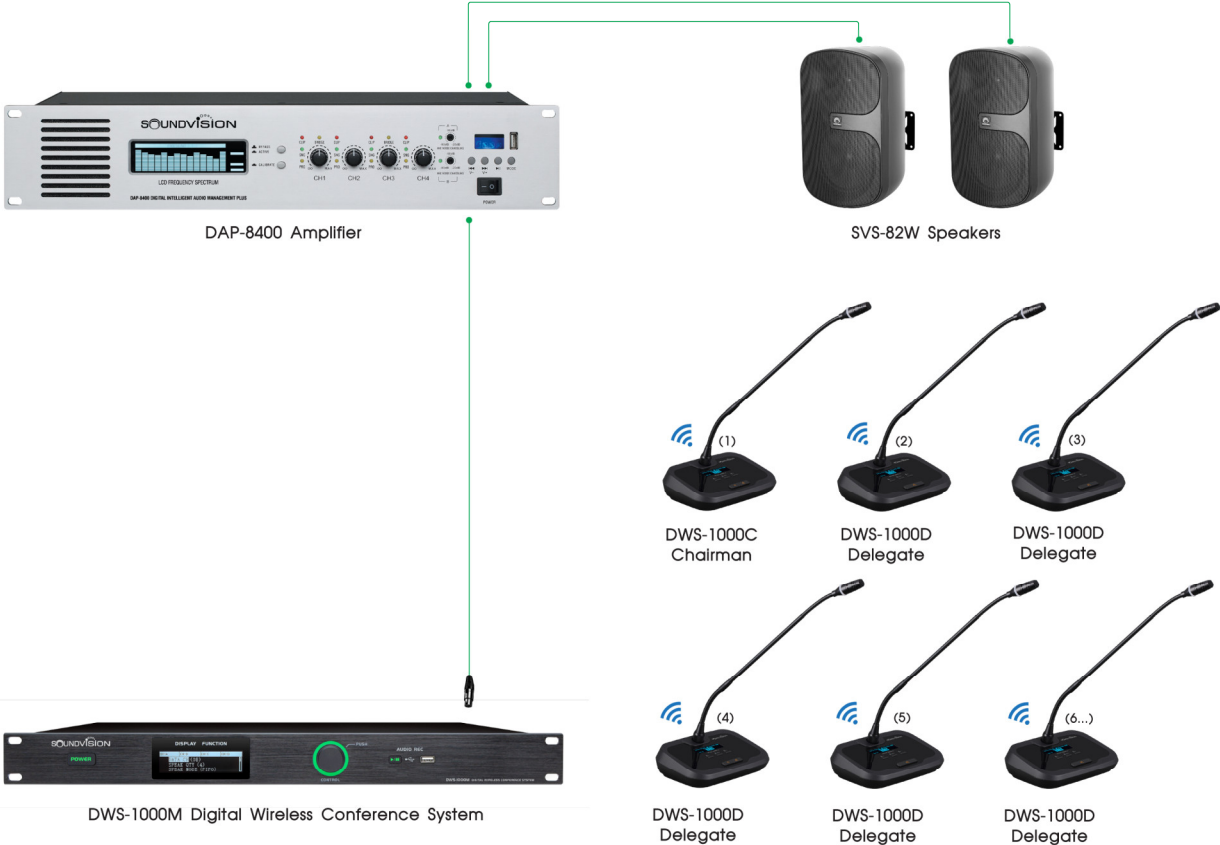
- 2 x BNC : Audio signal receiving interface
- 1 x TNC : Data signal interface
- 1 x 6.3mm : Audio Unbalanced output
- 1 x XLR : Audio Balanced output

Verification of compliance : CE and RoHS

The DWS-1000 Series conforms to standard : NBCT

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DIAGRAM



Audio cable

