

DWS-1000C / DWS-1000D Digital Wireless Discussion Unit



DWS-1000C : CHAIRMAN UNIT

DWS-1000D : DELEGATE UNIT

FEATURE

- Simple and elegant design.
- Easy to move and easy to installation without problem wiring connection.
- OLED display microphone ID, battery level, microphone state, control channel, etc.
- Equipped function keys to set microphone id, control channel.
- With electronic volume function, can individually adjust the microphone speaking volume.
- The microphone is designed according to the principle of acoustic space, and with the new anti-howling anti-single-point high-sensitivity condenser microphone core, the conference sound quality can be realized with high fidelity.
- New concept of anti-electromagnetic interference circuit design to eliminate electromagnetic interference from smart phones and other electronic products.
- Operation distance up to 100 meters with the best condition, 60 meters in normal condition.
- Ultra-low power circuit design, continuous speaking time is not less than 8 hours, standby time is not less than 12 hours. Can use original rechargeable lithium battery or ordinary AA battery.
- Chairman microphone can be turned on any time.
- Chairman unit with priority key to control conference atmosphere

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SPECIFICATIONS

Audio channel

Transmission method	UHF Wireless (one way)
Audio channel	4
Carrier frequency band	UHF 694.5 ~ 702.7MHz 748.3 ~ 757.7MHz
Band width	17.8 MHZ
Modulation method	FM
Receiving sensitivity	-90 dBm
Radiant power	≤ 9 dBm
Audio gain	≤ 20 dBm
Frequency response	20HZ ~ 20KHZ
SIN Ratio	>85dB
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

Gooseneck Microphone

Type	Condenser
Polar pattern	Unidirectional, Cardioid
Frequency response	50Hz - 18kHz ±3dB
Sensitivity	-46 dBV/Pa
Color	Black
Connection	4-pin
Microphone stem Length	480 mm

Chairman Unit / Delegate Unit

Carrier frequency band	UHF 694.5 ~ 702.7 MHz, 748.3 ~ 757.7 MHz
Frequency response	20Hz - 20KHz
Signal covering range	60M
RF Output Power	≤ 9 dBm
Operating temperature range	-10°C - 40°C
Display	PMOLED (Passive-Matrix OLED)
Transmitter power	≤ 9 dBm
Power consumption	350 mw - 630 mw
Consumption Rating	≤ 650 mw
Power supply	DC 3.7V - 4.5V

General features

Color	Black
Dimensions (W x L x H)	184 * 124 * 52 mm
Weight	0.6 kg




Verification of compliance : CE and RoHS

The DWS-1000 Series conforms to standard : NBTC

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CONTROLS AND INDICATORS

On front

- Microphone on/off button.
- OLED display for information with status of working(Unit number, Channel number, System Number, levels of battery, on/off)
- 1 button : Priority button for turn off all the delegate unit. (Chairman unit only)
- Light ring indicator on microphone stem, lights up red when microphone is on.
- 1 button  /SET for Set menu and microphone mute
- 1 button  -/▼ for select menu to the bottom and microphone vol -
- 1 button  +/▲ for select menu to the bottom and microphone vol +

INTERCONNECTIONS

On front

- Socket for pluggable microphone
(A socket is provided to connect the pluggable microphones.)

Under base

- Insert the AA battery.

DIAGRAM

