

DWS-3000CS chairman unit

Digital Wireless Discussion
Short Microphone Touching Unit


DWS-3000 Discussion Unit is the new design Digital wireless Conference Touching by **short microphone**. With die-cast aluminum alloy multi-diamond square microphone, it is connected to **the microphone base through a fixed connector**, and the pitch angle can be adjusted. The overall stability, high-end and stylish. Desktop Unit has a 4-inch capacitive IPS LED touch screen can show microphone ID, battery level, microphone state, control channel, etc. Equipped function keys to set microphone id, control channel.

Only Chairman Unit has priority of the whole meeting and can terminate or discontinue other delegate units who is speaking.

DWS-3000CS is wireless microphone conference for chairman can use with audio channels transmission in range UHF 694.5 – 702.7 MHz, 748.3 – 757.7 MHz and use data control receive in range UHF 433.05 – 434.79 MHz

FEATURE

- Metal panel design with die-cast aluminum, the overall high-grade solemn, in line with modern aesthetic standards.
- Easy to move and easy to Installation without problem wiring connection.
- Professional high-fidelity capacitor microphone, sensitive pickup, clear voice, bandwidth up to 20Hz ~ 20KHz
- The microphone head has a two-color speaking light, the light is always red when the unit speaks, and the light is always green when the unit requests to speak.
- Soft silicone mechanical switch design, the pattern is always bright green when standby, the pattern is always bright red after pressing, and has color switching function
- 4-inch capacitive IPS touch screen, the display content is clear, can display the microphone status, data number, ID number, battery power, unit parameters, date and time, speaking volume, etc. that are being operated, and clearly understand the current using situation
- With screensaver function, and at least 6 screensavers can be selected
- The microphone has a mechanical electronic volume button on the side, which can independently adjust the microphone speaking volume
- The speaking unit can be selected for tea, pen, help services.
- New concept of anti-electromagnetic interference circuit design to eliminate electromagnetic interference from mobile phones and other electronic products.
- Operation distance up to 100 meters with the best condition, 60 meters in normal condition.
- Built-in high-performance lithium battery, with TYPE-C interface, can be used while charging.
- Ultra-low power circuit design, continuous speaking time is not less than 7 hours.
- The chairman unit has the function of approving the speech request of the delegate and has the priority function of controlling the order of the conference.

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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
Maximum modulation	60K
Receiving sensitivity	-90 dBm
Radiant power	≤ 10 dBm
Frequency response	20HZ ~ 20KHZ

Data control channel

Transmission method	UHF Wireless (two-way)
Data channel	20
Frequency Range (TX/RX)	UHF 433.050 - 434.790 MHz
Modulation method	FSK
Receiving sensitivity	-90 dBm
Transmission consumption	≤ +7 dBm
Communication rate	110 KBPS
Frequency deviation	<0.003

Short Microphone

Type	Condenser
Polar pattern	Hyper Cardioid
Frequency response	50Hz – 20KHz
Color	Dark Grey
Microphone stem Length	230 mm

Chairman Unit

Carrier frequency band(TX)	UHF 694.5 ~ 702.7 MHz, 748.3 ~ 757.7 MHz
Frequency response	20Hz – 20KHz
Signal covering range	60M
RF Output Power	≤ 10 dBm
Operating temperature range	-10°C to 40°C
Display touch screen	4-inch capacitive IPS TFT
Transmitter power	≤ 10 dBm
Consumption Rating	Standby: ≤350mW, Speaking: ≤620mW
Power supply	DC 3.7V – 4.5V
Operation time	7 hours

General features

Color	Dark Grey
Dimensions (W x L x H)	Base: 101.7*148*56.5mm Square Mic: 227*35*31mm
Weight	Base: 0.68 kg Square Mic: 0.35kg

 Verification of compliance : **CE**

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CONTROLS AND INDICATORS

ON FRONT

- Microphone on/off with button.
- 4-inch display IPS touch screen for information with status, data number, ID number, battery power, unit parameters, date and time, speaking volume, etc.
- Light indicator on microphone stem, lights up red when microphone is on.
- Short microphone condenser length 230 mm. the microphone base through a fixed connector.

ON SIDE

- Microphone power on/off button.
- Microphone Volume down & up
- Charging socket DC 5V USB type-C

UNDER BASE

- Insert the Li-on Battery Charger



EXAMPLE CONNECTION DIAGRAM

