

DCW-8900C Wireless Digital Chairman Unit



DCW-8900 series is a new Wireless discussion unit, which includes a chairman unit (DCW-8900C) and delegate unit (DCW-8900D). Chairman unit has priority of the whole meeting and can terminate or discontinue other delegate units who is speaking. Easy to move without wiring connection.

Certifications : CE and RoHS

The DCW-8900C conforms to standard

- IEC 62321
- ETSI EN301 489, ETSI EN300 220
- EN 1122B, EN 60950
- EPA 3050B, EPA 3052, EPA 3060A, EPA 3540C, EPA 7196A, EPA 8270D

Feature

- Used as chairman unit.
- Chairman priority button.
- Easy to move without wiring connection.
- OLED display microphone ID, battery level, microphone state, control channel, etc.
- Battery life approx 8 hours during speech and approx 30 hours when standby.
- Separate battery pack, easy to change and charge.(DCP-36 charger case)
- If work with function of video camera auto-track, Setting chairman microphone ID number to number 1.

Controls and Indicators

On front

- Microphone on/off button.
- Chairman priority button, When pressed the chairman priority button causes all currently active delegate microphones to be permanently muted.
- OLED display for information with status of working (ID number , channel number , levels of volume ,levels of battery).
- Two soft ellipse button for increase volume and decrease volume.
- One soft ellipse button for mute volume.(hold the button for mute volume)
- Light ring indicator on microphone stem, lights up red when microphone is on.

On right side

- Microphone power on/power off button.



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Interconnections

On front

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

Under base

- Insert the rechargeable Lithium-ion battery.

Specifications

Audio channel

Transmission method	UHF Wireless (one way)
Audio channel	5 (1 chairman,4 delegate)
Carrier frequency band	500~950MHz (depend on local regulation)
Modulation method	FM
Maximum modulation	60KHz
RF Output Power	≤9mW
Frequency deviation	<0.002
Frequency response	50Hz-15KHz
S/N Ratio	>85dB
T.H.D.	<0.8%

Data control channel

Transmission method	Wireless (two-way)
Data channel	16
Frequency Range	422.4MHz ~ 438.4MHz
Modulation method	FSK

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Specifications

Data control channel	
Receiving sensitivity	-100dBm
Transmission consumption	≤6dBm
Communication rate	100KBPS
Frequency deviation	<0.002
System	
Power supply	DC3.7~4.5V
Signal covering range	Radius 60 meters
Consumption Rating	Standby: ≤360mW / Speaking: ≤630mW
Operating temperature range	-10-40 degree
Dimensions	442×188×113 mm
N.W	0.8kg



Diagram

