

DCN-WD-D Wireless Discussion Unit

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BOSCH

Invented for life



- ▶ Used as delegate or chairman unit
- ▶ Separate battery pack, easy to change and charge
- ▶ Advanced power saving techniques
- ▶ Low susceptibility to electromagnetic interference
- ▶ Auto microphone-off

To the participant the most important part of a conference system is the discussion unit. Bosch has built on the elegant design of the DCN Next Generation discussion units to create a new series of wireless discussion units with unrivalled looks and features. The DCN-WD-D Wireless Discussion Unit enables participants to speak, register a request-to-speak, and listen to the speaker.

Functions

Speech intelligibility

Maximum speech intelligibility is guaranteed at all times. Operating in the 2.4 GHz (license free) band, the wireless discussion units produce crystal-clear sound due to a very high signal-to-noise ratio and antenna diversity. This means the signal is transmitted along different propagation paths, ensuring optimal receipt. The system is also protected against interference from mobile phones and other equipment that makes use of Bluetooth or microwave signals.

Security

Wireless communication means extra security considerations. The DCN Wireless system and discussion units therefore feature 128-bits AES

encryption to prevent eavesdropping and unauthorized access. Encryption ensures the information within the system remains confidential.

Microphones

A socket is provided to connect the pluggable microphones which are available in short and long stem versions (DCN-MICS and DCN-MICL, to be ordered separately).

Headphones and loudspeakers

The unit also accommodates two headphone connections, so the speaker can be heard clearly even with excessive background noise. To prevent acoustic feedback the built-in loudspeaker is muted when the microphone is on. If enabled, the headphones volume is also automatically reduced to prevent acoustic feedback when the microphone is on.

Rims and buttons

Different rims are available to allow matching with the interior (DCN-DISR, to be ordered separately).

The unit can be used as:

- a single delegate unit
- a dual delegate unit
- a chairman unit (DCN-DISBCM chairman buttons, to be ordered separately)

- a single delegate unit with auxiliary button (to be used as an usher call, for example).

Battery maintenance

Simple battery maintenance is essential in a wireless system. A unique feature of Bosch's wireless discussion units are the separate rechargeable battery packs (DCN-WLIION, to be ordered separately). These Lithium-ion battery packs can be removed and replaced in a matter of seconds, providing maximum flexibility in recharge scheduling.

Controls and Indicators

On front

- Microphone button with a red or green illuminated ring. Red indicates microphone is active, green indicates request-to-speak accepted
- Headphone volume control buttons

On rear

- Out-of-range indicator
- Battery low indicator

Under base

- Recessed 'De-init' switch
- Mode select switches (delegate, chairman, etc.)

Interconnections

- Socket for pluggable microphone
- Two 3.5 mm (0.14 in) headphone sockets stereo jack type
- DC power input from DCN-WPS (accessible when battery pack is removed)

Certifications and approvals

Region	Certification
Europe	CE

Technical specifications

Electrical

Frequency response	30 Hz - 20 kHz
Headphone load impedance	>32 ohm <1k ohm
Output power	2 x 15 mW/32 ohm

Mechanical

Mounting	Tabletop
Dimensions (H x W x D)	
without microphone	61 x 190 x 160 mm (2.4 x 7.5 x 6.3 in)
Weight	
without battery	485 g (1.07 lb)
with battery	700 g (1.54 lb)
Color top	Silver (RAL 9022)
Color base	Charcoal (PH 10736)

Ordering information

DCN-WD-D Wireless Discussion Unit

pluggable microphone, dark base, wireless; microphone, rims and batteries to be ordered separately

Order number **DCN-WD-D**

DCN-MICS Pluggable Short Microphone

length 310 mm (12.2 inch), silver

Order number **DCN-MICS**

DCN-MICL Pluggable Long Microphone

length 480 mm (18.9 inch), silver

Order number **DCN-MICL**

DCN-DISRH-SR Rim High Gloss Silver (10 pcs)

silver, high gloss, 10 pieces

Order number **DCN-DISRH-SR**

DCN-DISR-SR Rim Silver (10 pcs)

silver, 10 pieces

Order number **DCN-DISR-SR**

DCN-DISR-D Rim Dark (10 pcs)

dark, 10 pieces

Order number **DCN-DISR-D**

DCN-DISRMH Rim Metal High Gloss (10 pcs)

metal, high gloss, 10 pieces

Order number **DCN-DISRMH**

DCN-DISRMS Rim Metal Semi Gloss (10 pcs)

metal, semi gloss, 10 pieces

Order number **DCN-DISRMS**

DCN-DISBCM Buttons Chairman (10 sets)

10 sets

Order number **DCN-DISBCM**

DCN-WLIION-D Battery Pack for Wireless Discussion Units

charcoal color, lithium-ion, 7.2 VDC, 4800 mAh

Order number **DCN-WLIION-D**

DCN-WPS Power Supply for Wireless Discussion Units

not approved for some countries

Order number **DCN-WPS**

DCN-FCWD10 Flight Case for 10 Wireless Discussion Units

light grey, can hold 10 wireless discussion units and 2 charging units

Order number **DCN-FCWD10**

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