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# DCN-WDVCS-D Wireless Discussion Unit with Voting and Channel Selector



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-WDVCS-D Wireless Discussion Unit with Voting and Channel selector enables participants to speak, register a request-to-speak, listen to the speaker or to an interpreter of their choice, and vote.

## 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 other wireless equipment such as mobile phones, Bluetooth devices and WiFi networks.

- ▶ Used as delegate or chairman unit
- ▶ Channel selector with number and abbreviated channel name
- ▶ Five voting buttons
- ▶ Separate battery pack, easy to change and charge
- ▶ Advanced power saving techniques
- ▶ Low susceptibility to electromagnetic interference
- ▶ Auto microphone-off
- ▶ Auto search for own network
- ▶ Auto switch-off when out of range

### Security

Wireless communication means extra security considerations. The DCN Wireless system and discussion units therefore feature multiple-layer protection to prevent eavesdropping and unauthorized access. Digital protection ensures the information within the system remains confidential.

### Channel selector

The unit has a built-in channel selector that makes it suitable for discussions in which more than one language is used, and simultaneous interpretations are available. The channel selector includes two up-and-down channel select keys, and a display showing the number and the abbreviation of the languages. This enables rapid selection of the required language channel.

### 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 headphone volume is also automatically reduced to prevent acoustic feedback when the microphone is on.

### Rims and buttons

Rims (DCN-DISR, to be ordered separately) are available in a range of colors to match the interior.

The unit can be used as a delegate unit or as a chairman unit (DCN-DISBCM chairman buttons to be ordered separately).

The unit has five voting buttons. The yellow indicator rings around the voting buttons confirm vote selections.

### Battery maintenance

Simple battery maintenance is essential in a wireless system. A unique feature of Bosch's wireless discussion units is 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

- Alphanumeric displays for language channel selection with number and abbreviated channel name
- Channel up and down selection buttons
- Five voting buttons with indicator rings around the buttons
- Unit activity / delegate presence indicator
- 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)

### 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	520 g (1.15 lb)
with battery	735 g (1.62 lb)
Color top	Silver (RAL 9022)
Color base	Charcoal (PH 10736)

### Ordering Information

#### DCN-WDVCS-D Wireless Discussion Unit with Voting and Channel Selector

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

#### Accessories

##### DCN-MICS Pluggable Short Microphone

length 310 mm (12.2 inch)

##### DCN-MICL Pluggable Long Microphone

length 480 mm (18.9 inch)

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

silver, high gloss, set of 10

##### DCN-DISR-SR Rim Silver (10 pcs)

silver, set of 10

##### DCN-DISR-D Rim Dark (10 pcs)

dark, set of 10

##### DCN-DISRMH Rim Metal High Gloss (10 pcs)

metal, high gloss, set of 10

##### DCN-DISRMS Rim Metal Semi Gloss (10 pcs)

metal, semi gloss, set of 10

##### DCN-DISBCM Buttons Chairman (10 sets)

set of 10

##### DCN-WLIION-D Battery Pack for Wireless Discussion Units

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

##### DCN-WPS Power Supply for Wireless Discussion Units

not approved for all countries

##### DCN-FCWD10 Flight Case for 10 Wireless Discussion Units

light grey, holds 10 wireless discussion units and 2 charging units

## Technical Specifications

### Electrical

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

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