BOSCH

DCNM-DVT Discussion device with voting
DICENTIS

- ▶ Configurable as a single participant or chairperson's device
- ▶ Color-coded voting buttons
- ▶ Built-in NFC reader for fast recognition of participants
- ▶ Possible to provide feedback to visual impaired participants

DICENTIS incorporates several standardized technologies that have been combined to create an open platform. Complete system solutions can be created by simply integrating compatible products. This makes DICENTIS extremely scalable, enabling it to evolve with the growing needs of meeting and conference facilities. At its heart, the DICENTIS Conference System makes use of the unique IP based OMNEO media networking architecture, developed by Bosch.
The elegantly designed DICENTIS Discussion devices enable participants to speak, register a request to speak, and listen to discussion.
The DICENTIS Discussion device with voting incorporates standard parliamentary-style voting. To enable the participant to fully concentrate on the discussion, the voting touch-buttons only light up when voting is available. The DICENTIS Discussion device with voting also supports fast participant recognition via NFC tag identification.

Functions

General
- Single-use and chairperson can be configured via the PC configuration software application.
- Five color-coded touch buttons distinguish the voting options:
    - **Blue:** Present button
    - **Green:** For / A
    - **Red:** Against / B
    - **Yellow:** Abstain / C
    - **Orange:** DNPV / D

- Built-in Near Field Communication (NFC) contactless tag reader.
- Additional functionality by use of the Premium or Ultimate licenses only:
    - Identification functionality
    - Voting functionality.
- Audio mute button.
- Supports star and loop-through connection.

Speech intelligibility
- Crystal-clear sound due to a very high signal-to-noise ratio.
- Maximum speech intelligibility is guaranteed.
- The loudspeaker and microphone can be active at the same time to facilitate a face-to-face meeting experience. A feedback suppressor is built in to prevent acoustic feedback.

Security
- Encryption ensures that information within the system remains confidential.

Microphones
- A socket is provided to connect the pluggable microphones DCNM-HDMIC, DCNM-MICS or DCNM-MICL (to be ordered separately).

Headphones and loudspeakers
The device has a headphone connection and independent volume control (on both sides of the device), so the speaker can be heard clearly even when there is excessive background noise.

Controls and Indicators
Top side of device:
- Five touch buttons

- NFC identification reader
- Microphone with a red or green indicator:
  - Red indicates that the microphone is active.
  - Green indicates that a request-to-speak is accepted.
- LED indicators on device showing:
  - Microphone on state – Red.
  - Possible-to-speak – White.
  - Priority – White (Chairperson only).
  - Request-to-speak – Green.

Left and right-hand side of the device:
- Rotary controls for independent headphone volume control.

Feedback to visual impaired participants
- Acoustical feedback to facilitate voting: when the participants cast a vote, a beep sounds in their headphones to confirm the action. This acoustical support can be assigned to participants by extending the system with the DCNM-LPD .
- Clearly noticeable Braille pattern dots-6 to distinguish between the different voting buttons through the CSP-D00104.

Interconnections
- Socket for pluggable microphone.
- Two 3.5 mm (0.14 in) headphone sockets stereo jack type.
- 2x RJ45 compatible connection for system communication and power.
- Hot Plug-and-play.

Parts included

Quantity	Component
1	DCNM-DVT DICENTIS Discussion device with voting

Technical specifications

General

Touch buttons	Capacitive touch buttons
Supported contactless NFC tag	According to: ISO/IEC14443 Type A (from 106 kbps to 848 kbps. MI-FARE 106kbps).

Electrical

Nominal voltage (VDC)	48 VDC
Power consumption (W)	3.70 W
Frequency response (-3 dB) (Hz)	100 Hz – 20,000 Hz

Total harmonic distortion + noise (%)	0.10%
Minimum dynamic range (dB)	90 dB
Minimum signal-to-noise ratio (dB)	90 dB

Audio inputs

Nominal acoustic input level (dB SPL)	80 dB SPL
Maximum acoustic input level (dB SPL)	110 dB SPL

Audio outputs

Nominal acoustic output level (dB SPL) (at 0.5 m)	72 dB SPL
Maximum acoustic output level (dB SPL)	87 dB SPL
Nominal output level (dBV)	0 dBV
Maximum output level (dBV)	3 dBV
Headphone load impedance	> 32 ohm <1k ohm
Maximum output power (mW)	65 mW

Mechanical

Mounting type	Tabletop
Dimensions (H x W x D) (mm) (without microphone)	72 mm x 259 mm x 139 mm
Dimensions (H x W x D) (in) (without microphone)	2.80 in x 10.20 in x 5.50 in
Color (RAL) (top and base)	RAL 9017 Traffic black
Weight (g)	955 g
Weight (lb)	2.10 lb

Environmental

Operating temperature (℃)	5 ℃ – 45 ℃
Operating temperature (℉)	41 ℉ – 113 ℉
Storage temperature (℃)	-30 ℃ – 70 ℃
Storage temperature (℉)	-22 ℉ – 158 ℉
Operating relative humidity, non-condensing (%)	5% – 90%

Ordering information

DCNM-DVT Discussion device with voting
DICENTIS Discussion device with voting, five touch-color voting buttons and NFC identification reader. Choice of pluggable microphone to be ordered separately.
Order number **DCNM-DVT | F.01U.313.727**

Accessories

DCNM-HDMIC High directive microphone
DICENTIS High Directive Microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.
Order number **DCNM-HDMIC | F.01U.269.132 F.01U.374.038**

DCNM-MICS Microphone with short stem
DICENTIS short stem microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.
Order number **DCNM-MICS | F.01U.288.448 F.01U.374.039**

DCNM-MICL Microphone with long stem
DICENTIS long stem microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.
Order number **DCNM-MICL | F.01U.288.447**

DCNM-DICH ID card holder for DCNM-D
ID card holder for the participant to automatically login when the card is parked and logout when it is removed, 25 pieces in one box.
Order number **DCNM-DICH | F.01U.396.439**

CSP-D00104 Orientation sheet for DCNM-DVT
Orientation sheet with Braille pattern dots-6 for the visually disabled.
Order number **CSP-D00104 | F.01U.402.107**

DCNM-TCD Transport case for 10x DCNM-xD
Transport case for storing and transporting ten DICENTIS discussion devices, ten high-directive microphones, ten short or long stem microphones, and cables.
Order number **DCNM-TCD | F.01U.335.596**

DCNM-CB02-I System cable assembly 2m
2 m (6.6 feet), system network cable for connecting all DICENTIS devices.
Order number **DCNM-CB02-I | F.01U.332.138 F.01U.416.429**

DCNM-CB05-I System cable assembly 5m
5 m (16.0 feet), system network cable for connecting all DICENTIS devices.
Order number **DCNM-CB05-I | F.01U.332.019 F.01U.416.428**

DCNM-CB10-I System cable assembly 10m
10 m (33.0 feet), system network cable for connecting all DICENTIS devices.
Order number **DCNM-CB10-I | F.01U.332.020 F.01U.416.427**

DCNM-CB25-I System cable assembly 25m
25 m (82.0 feet), system network cable for connecting all DICENTIS devices.
Order number **DCNM-CB25-I | F.01U.332.021 F.01U.416.426**

ACD-MFC-ISO Card, MIFAREclassic, 1kB, 50pcs
MIFARE Classic ID card with 1 kByte data storage, 2 application areas, one of which can be customized.
Packing information: 50 cards/ each unit
Order number **ACD-MFC-ISO | F.01U.218.378**

ACD-EV1-ISO Card, MIFARE EV1, 8kB, 50pcs
Mifare DESFire EV1 ID card with 8 kByte data storage, 2 application areas, one of which can be customized.
Packing information: 50 cards/ each unit
Order number **ACD-EV1-ISO | F.01U.218.412**

Software Options

DCNM-LPD Participant database license
DICENTIS Participant Database gives the ability to define participant's names and assign participants to seats.
Order number **DCNM-LPD | F.01U.287.754**

Services

EWE-DCNDIS-IW 12 mths wrty ext DCN dicussion unit
12 months warranty extension
Order number **EWE-DCNDIS-IW**