

DCNM-DSL Discussion device with language selector

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Invented for life



- ▶ Configurable as a participant, dual-use, or chairperson's device
- ▶ Native character language indication
- ▶ Built-in NFC for fast participant recognition

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.

With the DICENTIS Discussion device with language selector, delegates can conveniently listen to the speaker in their preferred language. Language selection is straightforward and is automatically activated when headphones are connected to the device. The delegate can then scroll through the available languages by pressing the illuminated touch buttons. Available languages are displayed in native characters to enhance readability.

Dual-use and fast participant recognition (via NFC tag identification) can be conveniently enabled by the use of additional software licenses.

Functions

General

- Single-use and chairperson can be configured via the PC configuration software application.
- 1.44 inch screen for displaying:
 - Language selection in original characters.
 - Language selection in ISO abbreviation form.
 - Language numbers.
- Built-in Near Field Communication (NFC) contactless tag reader.
- Additional functionality by use of software license only:
 - Identification functionality.
 - Select language (license included).
 - Dual use.
- 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

On top side:

- 1.44 inch display with 2 touch buttons.
- NFC identification indicator.
- 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.

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.

Certifications and approvals

Region	Regulatory compliance/quality marks	
Europe	CE	DECL EC DCNM-DSL

Parts included

Quantity	Component
1	DCNM-DSL DICENTIS Discussion device with language selector

Technical specifications

Electrical

Supply voltage	48 VDC
Power consumption	3.6 W
Frequency response	100 Hz to 20 kHz (-3 dB at nominal level)
THD at nominal level	< 0.1 %
Dynamic range	> 90 dB
Signal-to-noise ratio	> 90 dB

Audio inputs

Nominal microphone input	80 dB SPL according IEC60914
Maximum microphone input	110 dB SPL according IEC60914

Audio outputs

Loudspeaker nominal output	72 dB SPL at 0.5 m
Loudspeaker maximum output	87 dB SPL
Headphone nominal output	0 dBV
Headphone maximum output	3 dBV
Headphone load impedance	> 32 ohm < 1k ohm
Headphone output power	65 mW

General

Screen size	36.58 mm (1.44 in)
Screen type	LCD
Supported contactless NFC tag	According to: ISO/IEC14443 Type A (from 106 kbps to 848 kbps. MIFARE 106kbps).

Mechanical

Mounting	Tabletop
Dimensions (H x W x D) without microphone	72 x 259 x 139 mm (2.8 x 10.2 x 5.5 in)
Color (top and base)	Traffic black (RAL 9017)
Weight	Approx. 955 g (2.1 lb)

Environmental

Operating temperature	5 °C to +45 °C (41 °F to +113 °F)
Storage and transport temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Relative humidity	< 90 %, > 5%

Ordering information

DCNM-DSL Discussion device with language selector
 DICENTIS Discussion device with language selector, 1.44 inch screen and NFC identification reader. Choice of pluggable microphone to be ordered separately.
 Order number **DCNM-DSL**

Accessories

DCNM-HDMIC High directive microphone
 DICENTIS High Directive Microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.
 Order number **DCNM-HDMIC**

DCNM-MICS Microphone with short stem
 DICENTIS short stem microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.
 Order number **DCNM-MICS**

DCNM-MICL Microphone with long stem
 DICENTIS long stem microphone for the DICENTIS Conference System or DICENTIS Wireless Conference System.
 Order number **DCNM-MICL**

DCNM-TC D 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-TC D**

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**

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**

Software Options

DCNM-LSID License for identification at 1 seat
 DICENTIS software license for enabling identification at seat in the DICENTIS Discussion device with voting, DICENTIS Discussion device with language selector, DICENTIS Discussion device with touchscreen, DICENTIS Multimedia device, and DICENTIS wireless Extended.
 Order number **DCNM-LSID**

DCNM-LSDU License for 2 seats per device
 DICENTIS software license for enabling dual-use at seat in the DICENTIS Discussion device, DICENTIS Discussion device with language selector, DICENTIS Discussion device with touchscreen, and DICENTIS wireless devices.
 Order number **DCNM-LSDU**

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