CSP-D00092 Custom flush device portrait
DICENTIS

▶ 4.3 inch touchscreen with adjustable viewing angle shows the participant list, voting buttons, and language selection, for increased meeting efficiency

▶ Flush-mounted design allows for more table space

▶ Integrated Near Field Communication (NFC) Card Reader for quick participant identification and voting - participants can even use an existing registration card

▶ Functionality can be conveniently expanded with software modules

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 Custom flush device is the perfect solution for projects where table space is key and standard table top devices are not the best choice. The sleek design has no impact on the aesthetics of the room.
The device enables participants to speak, register a request to speak, and listen to the discussion.
The DICENTIS Custom flush has a 4.3-inch touchscreen with adjustable viewing angle and is completely software upgradable. The touch screen can fold flat against the device when not in use.
The 4.3-inch capacitive touchscreen informs participants of the proceedings and increases meeting efficiency by displaying the current speaker and participants in the request list. Available interpreted languages and voting information can also be displayed.

Functions

General
• Flush discussion device for participants
• 4.3-inch capacitive touchscreen for displaying:

– Multiple user interface languages in original characters.
– Speaker list and Request list.
– Speech countdown timer.
– Custom logo.
• Built-in Near Field Communication (NFC) contactless tag reader.
• Additional functionality by use of software modules:
– Identification.
– Voting.
– Select language.
• 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 DCN-MICS-D or DCN-MICL-D (to be ordered separately).

Headphones

- The device has a headphone connection and volume control to listen to proceedings in a different language.

Controls and indicators

Top side of device:

- 4.3-inch capacitive display with touchscreen.
- Capacitive touch buttons with LED indication for microphone control.
- 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.
    - Request-to-speak - Green.

Right-hand side of the device:

- Rotary control and volume slider on the display for independent headphone volume control.

Interconnections

- Socket for pluggable microphone.
- A 3.5 mm (0.14 in) headphone socket stereo jack type.
- Two RJ45 compatible connections for system communication and power.
- Hot Plug-and-play.

Certifications and approvals

Region	Regulatory compliance/quality marks	
Europe	CE	DECL EC CSP-D00092

Installation/configuration notes

Dimensions

Installation

Installation

18≤d≤30mm

Caution: Tighten the knurled knobs only by hand

18.0

space for cables and fixing mechanics

5.2

SECTION A-A
side-view

R3.1 (4x)

143.0

150.2

243.5

250.2

A   A
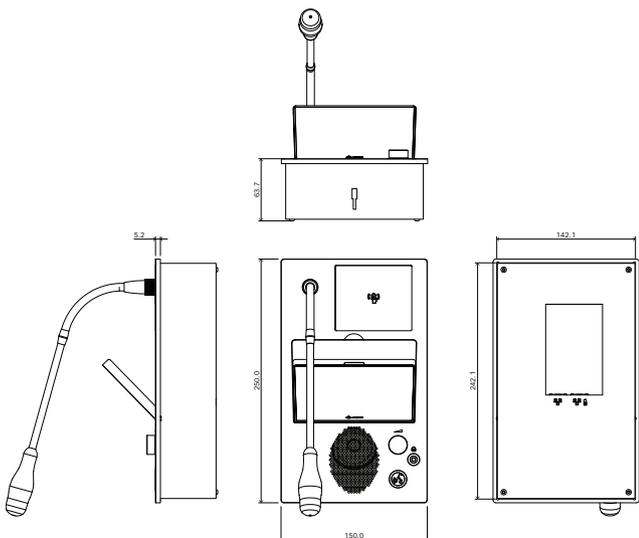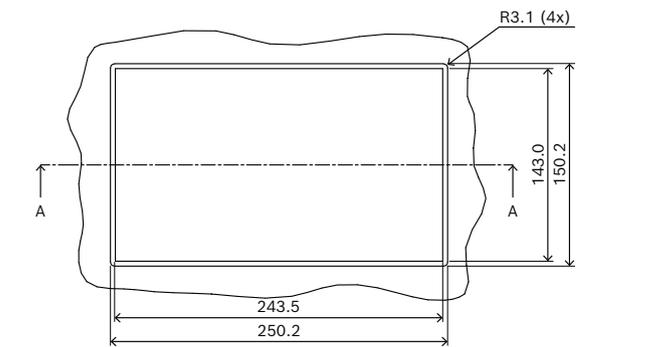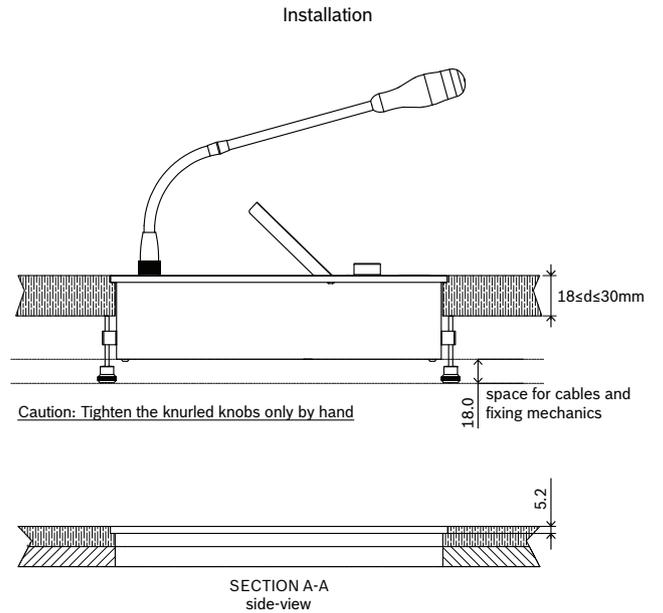
Parts included

Quantity	Component
1	CSP-D00092 Custom flush device portrait

Technical specifications

Electrical

Supply voltage	48 VDC
Power consumption	5 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 ISO22259, (IEC60914)
Maximum microphone input	110 dB SPL according ISO22259, (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	109 mm (4.3 in)
Screen type	Capacitive multi-touch
Supported contactless NFC tag	According to: ISO/IEC14443 Type A (from 106 kbps to 848 kbps. MIFARE 106 kbps)

This product is compliant with the Radio Equipment Directive (RED) 2014/53/EU.
Operating frequency is 13.56 MHz. Maximum field strength is -8.4 dBμA/m @ 10m.

Mechanical

Mounting	Flush mount
Table thickness	18 mm-30 mm*
Dimensions (H x W x D) without microphone	64 mm x 250 mm x 150 mm
Color (top and base)	Black (RAL 9005)
Material	Front panel: aluminum alloy Back shell: stainless steel
Weight	Approx. 1700 g

*For other dimensions, please contact your local Bosch representative.

Environmental

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

ⓘ Notice

This equipment is compliant with Class A of CISPR 32. In a residential environment, this equipment may cause radio interference. The equipment is intended for environment Class A.

Ordering information

CSP-D00092 Custom flush device portrait
Custom flush mounted DICENTIS Discussion device with 4.3-inch touchscreen and NFC identification reader. Choice of pluggable microphone (DCN-MICS-D or DCN-MICL-D) to be ordered separately.
Order number **CSP-D00092 | F.01U.385.565**

Accessories

DCN-MICS-D Pluggable microphone, short, black
DCN Next Generation pluggable short microphone, length 310 mm (12.2 inch), dark.
Order number **DCN-MICS-D | F.01U.077.941**

DCN-MICL-D Pluggable microphone, long, black
DCN Next Generation pluggable long microphone, length 480 mm (18.9 inch), dark.
Order number **DCN-MICL-D | F.01U.077.942**

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**

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**

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**

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**

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**

Software Options

DCNM-LSSL License for language selector at 1 seat

The DICENTIS Select Language at Seat license enables the language selection feature of the DICENTIS Multimedia and DICENTIS Discussion device with touchscreen. The DICENTIS Discussion device with language selector has the functionality built-in.
Order number **DCNM-LSSL | F.01U.300.534**

DCNM-LSVT License for voting at 1 seat

DICENTIS software license for enabling voting at seat in the DICENTIS Multimedia, DICENTIS Discussion device with touchscreen, and DICENTIS wireless Extended. The DICENTIS Discussion device with voting has the functionality built-in.
Order number **DCNM-LSVT | F.01U.300.532**

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 | F.01U.300.533**