DICENTIS

Discussion devices

BOSCH

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1   Safety

You should regularly check the equipment for wear and damage. Pay particular attention to the following:

– **LCD screen**: Check for cracks.
– **Cables:** If the outer insulation is damaged, the cable must be replaced.
– **Connectors**: Check for signs of stretching and damage.

If you think the equipment is damaged or presents a potential hazard, you should label the equipment and put it to one side, so that no-one else can use it. Then contact your local technician for further advice.

2   About this manual

The purpose of this manual is to provide information required for operating the DICENTIS Discussion devices of the DICENTIS Conference System.
This manual is available as a digital document in the Adobe Portable Document Format (PDF).
Refer to the product related information at: www.boschsecurity.com.

2.1   Intended audience

This manual is intended for users of DICENTIS Discussion devices.

2.2   Copyright and disclaimer

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2.3   Document history

Release date	Documentation version	Reason
2016.09	V1.0	1st edition.

3   Overview

The DICENTIS Conference System is an IP based conference system which runs on an OMNEO compatible Ethernet network. It is used for distributing and processing audio, video and data signals.

The DICENTIS Discussion devices are used to contribute to a meeting. The following devices are available:
– DCNM-DE
– DCNM-D
– DCNM-DVT
– DCNM-DSL

The extended version of the DICENTIS Discussion device (DCNM-DE) has a 4.3" capacitive touchscreen, which provides the user with additional information and control.
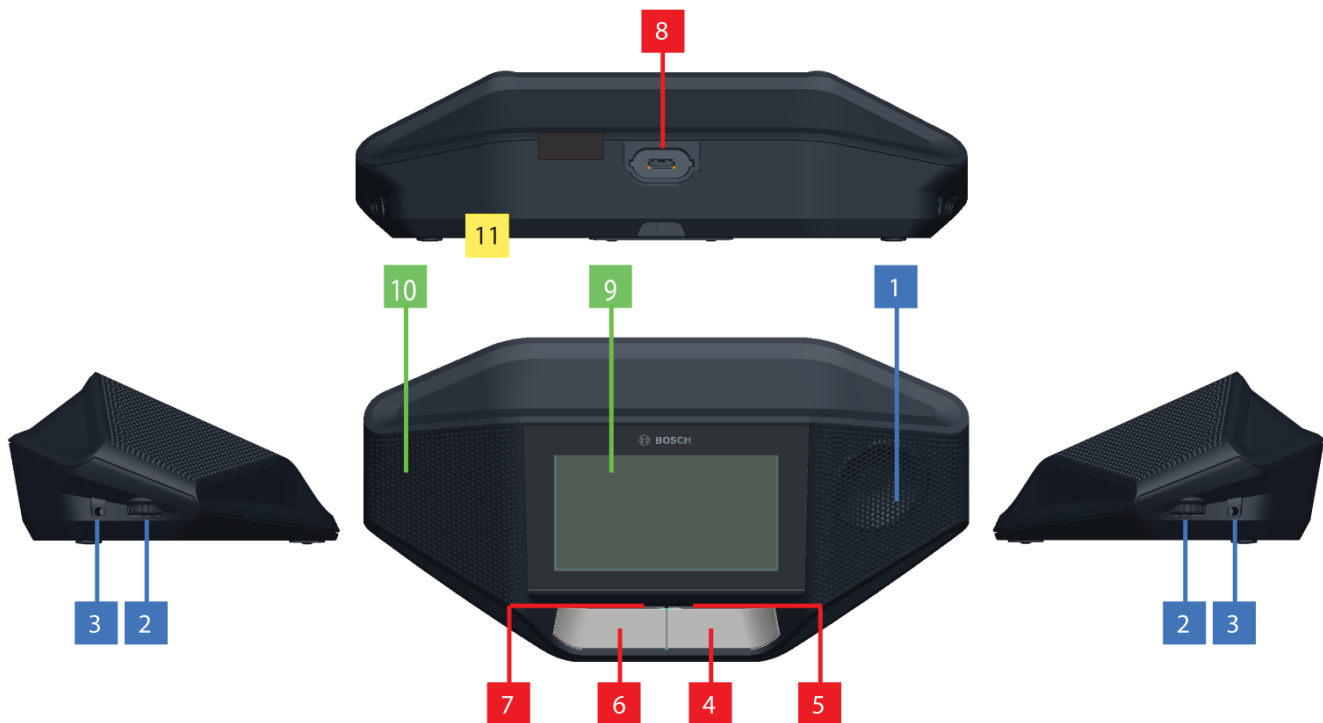

Figure 3.1: DCNM-DE

Listening

1   Loudspeaker.

2   Headphone volume control.

3   3.5 mm headphone socket.

Speaking

4   Microphone request button, including white possible-to-speak icon.

5   LED-bar for the microphone request button.

6   Microphone mute button, priority button, or Microphone request button, including two white color LED icons.

7   LED-bar for the microphone request button.

8   Microphone socket for attaching the microphone.

Touchscreen

9   4.3" capacitive touchscreen (DCNM-DE only).

Identification

10   Area where Near Field Communication (NFC) tag is detected and read (DCNM-DSL, DCNM-DVT and DCNM-DE only).
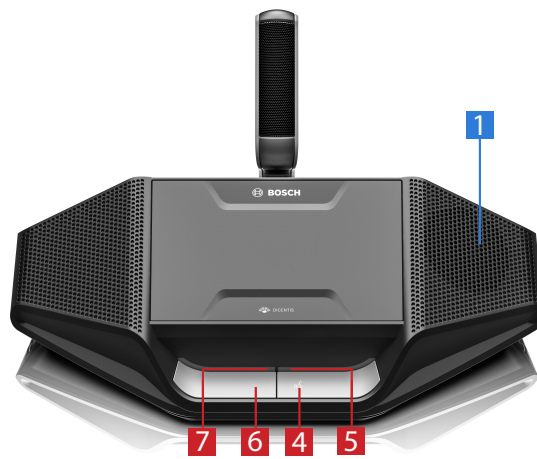
Connections

11   Cable glands.

Figure 3.2: DCNM-D
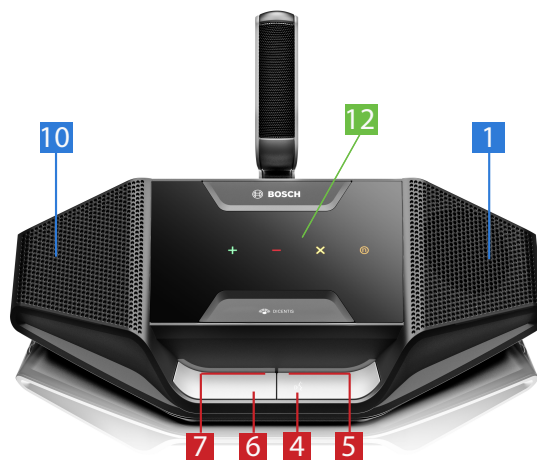

Figure 3.3: DCNM-DVT

Voting

12   Voting buttons (DCNM-DVT only).
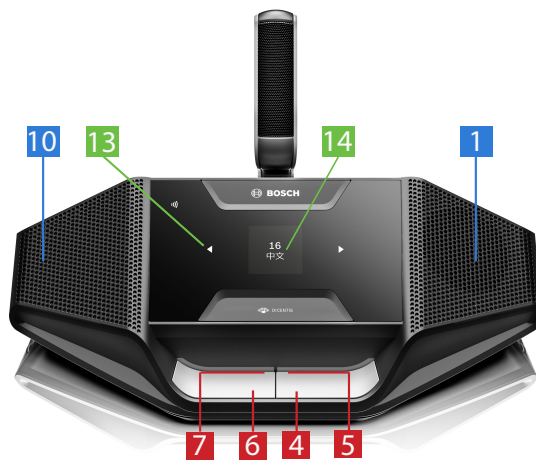
Figure 3.4: DCNM-DSL

Language

13   Language selection buttons (DCNM-DSL only).

14   Language display (DCNM-DSL only).

4   DICENTIS Discussion devices operation

The DISCENTIS Discussion devices can be used in three different modes:
–   Single-use operation
–   Chairperson operation
–   Dual-use operation

The LED-bar indications on the devices behave according to the mode selected.

4.1   Single-use operation

Switch on the microphone:
Push your microphone request button to switch on the microphone.
–   If the white icon in the microphone request button is lit, the LED-bar above your
      microphone request button will immediately turn red, and you can speak.
–   If the LED-bar above your microphone request button is green, your request-to-speak is
      accepted. You cannot speak until the LED-bar above your microphone request button
      turns red.
–   When the LED-bar above your microphone request button flashes green, you are first in
      the waiting list. Your microphone will be switched on soon.

Cancel your request-to-speak:
When the LED-bar above your microphone request button is green or flashes green, you can
push your microphone request button to cancel the request-to-speak. Optionally: the clerk or
operator can disable the possibility to cancel the request-to-speak.

Switch off the microphone:
When the LED-bar above your microphone request button is red, you can push the
microphone request button to switch off the microphone. The LED-bar above your microphone
request button goes off. Optionally: the clerk or operator can disable the possibility to disable
the microphone.

Mute the microphone:
Your microphone is muted as long as you push the microphone mute button (left-hand
microphone request button).

Push-To-Talk mode:
When your device is in the Push-To-Talk (PTT) mode, the microphone is on as long as you push
your microphone request button.

Voice mode:
When your DICENTIS Discussion device is in Voice mode, the microphone is always on. Push
and hold your microphone request button or mute button to temporarily mute the
microphone.
In Voice mode, you cannot make a request-to-speak.
Note: If the DICENTIS Discussion device is set to Chairperson mode there is no mute button,
because the left button is used as a priority button.

Find your seat:
The touchscreen of the DICENTIS Discussion device with touchscreen shows your name in the
bottom balloon.

Identify yourself (DCNM-DSL, DCNM-DVT, DCNM-DE):
–   The touchscreen of the DICENTIS device with touchscreen will display instructions for identifying yourself. The DICENTIS Discussion device with language selector and the DICENTIS Discussion device with voting will instruct you to identify you by a blinking LED.
–   Hold your NFC tag close to the left-hand side of the DCNM-DVT, or DCNM-DE as indicated on the touch screen.

Voting (DCNM-DVT, DCNM-DE):
–   The clerk or operator opens a voting session. When the voting session is opened, your vote buttons are displayed.
–   Cast your vote. You can change your vote until the clerk or operator has closed the voting session.
The clerk or operator can temporarily hold the voting session. While the voting session is on hold, you cannot cast or change your vote.
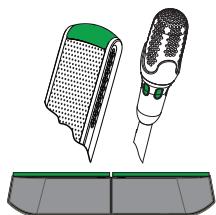
4.2   Single-use indication

White possible-to-speak icon lit:
–   You can speak immediately by pressing the microphone request button.

LED-bars and microphone LED green or green flashing:
–   You have to wait to speak.
–   When the LED of the microphone request button flashes green, you are the first in the waiting list.
–   You can push the microphone request button to cancel the request to speak.

LED-bars and microphone LED lit red:
–   Your microphone is active; you can speak.
–   You can push the left microphone request button to temporarily mute the microphone.
–   You can turn off the microphone by pressing the right microphone request button.

4.3   Chairperson operation

Switch on your microphone:
When the white icon in the microphone button is lit, push your microphone button to switch
on your microphone.
–   When the red light above your microphone button comes on, you can speak.

Switch off your microphone:
When the LED-bar above your microphone button is red, push the microphone button to
switch off the microphone. The red LED-bar above your microphone button goes off.

Priority function:
Press the priority button to temporarily switch off the microphones of all participants. At the
same time, the priority button switches on your own microphone. The system has the
possibility to:
–   play a chime when you push the priority button.
–   erase both the waiting and speakers list when you push the priority button.
When you release the priority button, the system switches off your microphone.
When the speakers list is not erased, the system switches on the microphones of the speakers
again.

Voice mode:
When your DICENTIS Discussion device is in Voice mode, the microphone is always on. Push
and hold your microphone request button to temporarily mute the microphone.

Find your seat:
The touchscreen of the DICENTIS Discussion device with touchscreen shows your name in the
bottom balloon.

Identify yourself (DCNM-DSL, DCNM-DVT, DCNM-DE):
–   The touchscreen of the DICENTIS Discussion device with touchscreen will display
        instructions for identifying yourself. The DICENTIS Discussion device with language
        selector and the Discussion device with voting will instruct you to identify you by a
        blinking LED.
–   Hold your NFC tag close to the left-hand side of the DCNM-DVT, or DCNM-DE as indicated
        on the touchscreen.

Voting (DCNM-DVT, DCNM-DE):
–   The clerk or operator opens a voting session. When the voting session is opened, your
        vote buttons are displayed.
–   Cast your vote. You can change your vote until the clerk or operator has closed the voting
        session.
The clerk or operator can temporarily hold the voting session. While the voting session is on
hold, you cannot cast or change your vote.

4.4   Chairperson indication

White priority icon and possible-to-speak icon lit:
–   You can speak immediately by pressing the microphone request button.
–   You can press the priority button to speak and temporarily switch off the microphones of all participants.

Priority icon lit. Right-hand LED-bar and microphone LED lit red:
–   Your microphone is active; you can speak.
–   You can press and hold in the priority button to continue speaking and temporarily switch off the microphones of all participants.
–   You can turn off the microphone by pressing the microphone request button.

Priority icon lit. LED-bars and microphone LED lit red:
–   Your microphone is active; you can speak.
–   The microphones of all participants are temporarily switched off until you release the priority button.

4.5 Dual-use operation

Switch on the microphone (DCNM-D, DCNM-DSL, DCNM-DE):
Push your microphone request button to switch on the microphone.
– If the white icon in the microphone request button is lit, the LED-bar above your microphone request button will immediately turn red, and you can speak.
– If the LED-bar above your microphone request button is green, your request-to-speak is accepted. You cannot speak until the LED-bar above your microphone request button turns red.
– When the LED-bar above your microphone request button flashes green, you are first in the waiting list. Your microphone will be switched on soon.

Cancel your request-to-speak:
When the LED-bar above your microphone request button is green or flashes green, you can push your microphone request button to cancel the request-to-speak. Optionally: the clerk or operator can disable the possibility to cancel the request-to-speak.

Switch off the microphone:
When the LED-bar above your microphone request button is red, you can push the microphone request button to switch off the microphone. The LED-bar above your microphone request button goes off. Optionally: the clerk or operator can disable the possibility to disable the microphone.

Push-To-Talk mode:
When your device is in the Push-To-Talk (PTT) mode, the microphone is on as long as you push your microphone request button.

Voice mode:
When your DICENTIS Discussion device is in Voice mode, the microphone is always on. Push and hold your microphone request button to temporarily mute the microphone.
In Voice mode, you cannot make a request-to-speak.

Find your seat:
The touchscreen of the DICENTIS Discussion device with touchscreen shows your name in the bottom balloon.

Identify yourself (DCNM-DSL, DCNM-DVT, DCNM-DE):
– The touchscreen of the DICENTIS Discussion device with touchscreen will display instructions for identifying yourself. The DICENTIS Discussion device with language selector and the DICENTIS Discussion device with voting will instruct you to identify you by a blinking LED.
– Hold your NFC tag close to the left-hand side of the DCNM-DVT, or DCNM-DE as indicated on the touch screen.
– Select the side of the DICENTIS Discussion device you want to be seated at.

Voting (DCNM-DVT, DCNM-DE):
– The clerk or operator opens a voting session. When the voting session is opened, your vote buttons are displayed.

–   Cast your vote. You can change your vote until the clerk or operator has closed the voting session.

The clerk or operator can temporarily hold the voting session. While the voting session is on hold, you cannot cast or change your vote.

4.6   **Dual-use indication**

Both possible-to-speak icons lit:
–   Each participant can speak immediately by pressing their own microphone request buttons.

Left possible-to-speak icon lit. Right LED-bar and microphone LED green or green flashing:
–   The participant on the left can speak immediately by pressing the microphone request button.
–   The participant on the right is in the waiting list and has to wait to speak.
–   The participant on the right can cancel the request to speak by pushing the microphone request button.

Left Possible-to-speak icon lit. Right LED-bar and microphone LED lit red:
–   The participant on the left can speak immediately by pressing the microphone request button.
–   The participant on the right can speak.
–   The participant on the right can turn off the microphone by pressing the right microphone request button.

5   Troubleshooting

ⓘ	**Notice!** For general troubleshooting, please contact your local system technician.