

CCSD-DL2 Discussion device with long microphone

CCS 1000D



Discussion Devices are connected in a daisy-chain configuration to the Control Unit (CCSD-CU or CCSD-CURD) of a CCS 1000 D Digital Discussion System. Their plug-and-play functionality allows them to be conveniently connected to and removed from the system as required. A power down or restart of the system is not necessary, which ensures fast installation and reconfiguration times.

Participants can take part in a discussion by speaking into the microphone and listening to proceedings through the built-in loudspeaker or (optional) headphones.

Functions

Possible-to-speak indication

A white possible-to-speak indicator above the microphone button indicates when the microphone can be activated.

Request-to-speak indication

A green request-to-speak indicator above the microphone button and in the head of the microphone indicate when a request-to-speak has been added to the waiting list. The indicators flash green when the request-to-speak is first in the waiting list.

Microphone with flexible stem

The fixed microphone with flexible stem can be easily adjusted to suit the user.

Built-in loudspeaker with volume control

To ensure for optimum intelligibility, the loudspeaker volume of all Discussion Devices is centrally controlled from the Control Unit.

- ▶ Unique patented possible-to-speak indicator
- ▶ Plug and play functionality for ensuring fast installation and reconfiguration times
- ▶ Compact, attractive ergonomic design
- ▶ Easily configured as a participant device or chairperson device
- ▶ Immunity to mobile phone interference

Face-to-face meeting feeling

An authentic face-to-face meeting feeling is achieved by allowing the loudspeaker and microphone to be on at the same time.

Headphones socket

The built-in 3.5 mm (0.14 in) stereo headphones socket enables the speaker to be clearly heard, even when there is excessive background noise.

Built-in volume control for headphones

For maximum comfort, the headphones volume can be adjusted by means of a rotary thumbwheel on the side of the Discussion Device. To prevent acoustic feedback from headphones to microphone, an option in the web browser interface application can be set to automatically reduce the headphones volume when the microphone is activated.

GSM immunity

Immunity to mobile phone interference ensures clear, uninterrupted discussion.

Configurable as a participant device or chairperson device

The Discussion Device can be quickly configured as a chairperson device, which enables a user to function as the chairperson at a meeting. No restart of the system is required. During a discussion, the chairperson can press and hold in the priority button to overrule all participant microphones. A chime is sounded to announce that the chairperson is about to speak.

Controls and Indicators

- Microphone button

- Color-coded LED indicator above microphone button for showing the following states: microphone on, request-to-speak, and possible-to-speak
- Light-ring indicator in head of microphone
- Rotary thumbwheel on side of device for adjusting the headphones volume
- Concealed initialization button at base of device for reassigning the network address
- Concealed slide-switch at base of device for configuring the device as a participant or chairperson’s device
- Chairperson’s configuration only – separate microphone button and ‘priority button’

Connections

- 1 x 6-pole circular female connector with locking recess - for loop-through connection of Discussion Devices
- 1 x 3.5 mm (0.14 in) stereo headphones socket on side of device
- 1 x 2 m (78.7 in) cable with a 6-pole circular male connector with cable lock

Installation/configuration notes

All Discussion Devices are delivered with a participant’s microphone button, which can be easily exchanged for a set of chairperson’s buttons. The chairperson’s buttons and a special tool for removing the buttons are separately available. To complete the configuration of the Discussion Device, the concealed slide switch at the base of the device has to be set from participant to chairperson. This is a professional product that should be installed, used and maintained by trained professionals only.

Parts included

Quantity	Component
1	CCSD-DL2 Discussion device with long microphone

Technical specifications

Electrical

Power consumption (W)	1.3 W
Frequency response (Hz)	30 Hz – 20,000 Hz (system electrical)
Total harmonic distortion + noise (%)	< 0.5%
Minimum signal-to-noise ratio (dBA)	93 dBA
Sample rate (kHz)	44.1 kHz
Load impedance (ohm) (headphones)	32 ohm - 1000 ohm
Maximum peak output power (W) (loudspeaker)	4 W

Acoustic

Nominal acoustic output level (dB SPL) (loudspeaker)	72 dB SPL
Frequency response (Hz) (participant loudspeaker)	200 Hz - 16000 Hz (acoustical)
Polar pattern (microphone)	Cardioid
Frequency response (Hz) (participant microphone)	125 Hz - 15000 Hz
Nominal acoustic input level (dB SPL) (microphone)	85 dB SPL

Mechanical

Dimensions (H x W x D) (mm) (without microphone)	50 mm x 150 mm x 132 mm
Dimensions (H x W x D) (in) (without microphone)	2 in x 5.9 in x 5.2 in
Height (mm) (with microphone in horizontal position)	120 mm
Height (in) (with microphone in horizontal position)	4.7 in
Microphone stem length (mm)	460 mm
Microphone stem length (in)	18.9 in
Weight (kg)	Approx. 1 kg
Weight (lb)	Approx. 2.2 lb
Mounting type	Tabletop (portable or fixed)
Material (top)	Plastic (ABS) + PC
Material (base)	Metal ZnAl4
Color (RAL) (top)	RAL 9017 Traffic black
Color (RAL) (base)	RAL 9017 Traffic black

Environmental

Operating temperature (°C)	0 °C – 35 °C
Operating temperature (°F)	32 °F – 95 °F
Storage temperature (°C)	-40 °C – 70 °C
Storage temperature (°F)	-40 °F – 158 °F
Transportation temperature (°C)	-40 °C – 70 °C
Transportation temperature (°F)	-40 °F – 158 °F
Operating relative humidity, non-condensing (%)	5% – 98%
Air pressure (hPa)	600 hPa – 1,100 hPa

Ordering information

CCSD-DL2 Discussion device with long microphone

Discussion Device for the CCS 1000 D Digital Discussion System, supplied with a long-stem fixed microphone, configurable as a participant device or a chairperson device.

Order number **CCSD-DL2 | Z.01X.002.507**

Accessories

CCSD-DCBCM Chairperson buttons for CCSD-DCx/Dx2

Replacement priority and microphone buttons for chairman mode, suitable for CCSD-DCx and CCSD-Dx2 discussion devices. Set of 10 pairs.

Order number **CCSD-DCBCM | F.01U.420.799**

DCN-DISCLM Cable clamp

Cable clamp (25 pieces) to attach one discussion device to the next in a daisy chain.

Order number **DCN-DISCLM | F.01U.011.610**



<https://www.boschsecurity.com>