

CCSD-DL-CN Discussion device with long microphone

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Unique patent pending 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

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.

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 cable 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

Certifications and approvals

EU	CE, WEEE
US	FCC
CA	ICES-003
KR	KCC
AU/NZ	RCM
RU/KZ/BY	EAC
CN	China RoHS
SA	SASO

Region	Regulatory compliance/quality marks	
Europe	CE	DECL_EC_CCSD-DL

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. Two sets of chairperson's buttons and a special tool for removing the buttons are supplied with each Control Unit of a CCS 1000 D Digital Discussion System. 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.

Parts included

Quantity	Component
1	CCSD-DL-CN Discussion device with long microphone

Technical specifications**Electrical**

Power consumption	1.3 W
Frequency response	30 Hz to 20 kHz (System electrical)
THD	<0.5 %
S/N	>93 dBA
Sampling rate	44.1 kHz
Headphones load impedance	> 32 ohms < 1k ohm
Loudspeaker max. peak output power	4 W

Acoustical

Loudspeaker nominal output	72 dB SPL
Participants loudspeaker frequency response	200 Hz to 16 kHz (acoustical)
Microphone polar pattern	Cardioid
Participants microphone frequency response	125 Hz to 15 kHz
Microphone nominal input	85 dB SPL

Mechanical

Dimensions device without microphone (H x W x D)	64 x 203 x 146 mm (2.5 x 8.0 x 5.7 in)
Height with microphone in horizontal position	130 mm (5.1 in)
Length of microphone from mounting surface	CCSD-DS: 310 mm (12.2 in) CCSD-DL: 480 mm (18.9 in)

Weight	Approx. 1 kg (2.2 lb)
Mounting	Tabletop (portable or fixed)
Material (top)	Plastic ABS+PC
Material (base)	Metal ZnAl4
Color (top)	Traffic black (RAL 9017) matt-gloss
Color (base)	Pearl light grey (RAL 9022) matt-gloss

Environmental

Operating temperature	0 °C to +35 °C (+32 °F to +95 °F)
Storage and transport temperature	-40 °C to +70 °C (-40 °F to +158 °F)

Relative humidity	5% to 98% non-condensing
Air pressure	600 to 1100 hPa

Ordering information

CCSD-DL-CN 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-DL-CN**

Services

EWE-CCS1DD-IW 12mths wrty ext CCS extension unit
 12 months warranty extension
 Order number **EWE-CCS1DD-IW**

Represented by:

Europe, Middle East, Africa:
 Bosch Security Systems B.V.
 P.O. Box 80002
 5600 JB Eindhoven, The Netherlands
 Phone: + 31 40 2577 284
 emea.securitysystems@bosch.com
 emea.boschsecurity.com

Germany:
 Bosch Sicherheitssysteme GmbH
 Robert-Bosch-Ring 5
 85630 Grasbrunn
 Germany
 www.boschsecurity.com

North America:
 Bosch Security Systems, Inc.
 130 Perinton Parkway
 Fairport, New York, 14450, USA
 Phone: +1 800 289 0096
 Fax: +1 585 223 9180
 onlinehelp@us.bosch.com
 www.boschsecurity.us

Asia-Pacific:
 Robert Bosch (SEA) Pte Ltd, Security Systems
 11 Bishan Street 21
 Singapore 573943
 Phone: +65 6571 2808
 Fax: +65 6571 2699
 apr.securitysystems@bosch.com
 www.boschsecurity.asia