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.

**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**

**Short or long microphone with flexible stem**
The fixed microphone with flexible stem can be easily adjusted to suit the user. For maximum comfort, a short 310 mm (12.2 in) or long 480 mm (18.9 in) microphone stem is available.

**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**

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>CE, WEEE</td>
</tr>
<tr>
<td>US</td>
<td>FCC</td>
</tr>
<tr>
<td>CA</td>
<td>ICES-003</td>
</tr>
<tr>
<td>KR</td>
<td>KCC</td>
</tr>
<tr>
<td>AU/NZ</td>
<td>RCM</td>
</tr>
<tr>
<td>RU/KZ/BY</td>
<td>EAC</td>
</tr>
<tr>
<td>CN</td>
<td>China RoHS</td>
</tr>
<tr>
<td>SA</td>
<td>SASO</td>
</tr>
</tbody>
</table>

**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.

**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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>0 ºC to +35 ºC (+32 ºF to +95 ºF)</td>
</tr>
<tr>
<td>Storage and transport temperature</td>
<td>-40 ºC to +70 ºC (-40 ºF to +158 ºF)</td>
</tr>
<tr>
<td>Relative humidity</td>
<td>5% to 98% non-condensing</td>
</tr>
<tr>
<td>Air pressure</td>
<td>600 to 1100 hPa</td>
</tr>
</tbody>
</table>

### Ordering information

**CCSD-DS Discussion device with short microphone**
- Discussion Device for the CCS 1000 D Digital Discussion System, supplied with a short-stem fixed microphone, configurable as a participant device or a chairperson device.
- Order number **CCSD-DS**

**CCSD-DL 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**