

# CCSE-DL CCS700 Conference Delegate unit

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- ▶ Compact, attractive design
- ▶ Built-in volume control for headphones
- ▶ Microphone with flexible stem and light ring
- ▶ Two headphone sockets

The CCS700 Ultra discussion system is suitable for use in meetings and conference venues with a limited number of participants.

The CCSE-DL delegate units enable participants to actively take part in the meeting proceedings. A built-in microphone allows them to speak to the other delegates, and they can listen to the discussion using the built-in loudspeaker or (optional) personal headphones.

## Functions

### Microphone with flexible stem and light ring

The microphone has a flexible stem, which is easily adjustable to suit personal preferences. It also allows two people to use the same delegate unit as they can pull the microphone towards them, when it is required to speak. The microphone is fixed to the base of the delegate unit. Incorporated into the head of the microphone is a light ring which illuminates red when the microphone is on.

### Built-in loudspeaker

Loudspeaker volume is set centrally at the control unit for all delegate units. To prevent acoustic feedback, the built-in loudspeaker is automatically muted when the microphone is on.

### Two headphone sockets

Two 3.5 mm (0.14 in) stereo headphone sockets (wired for mono) allow two pairs of headphones to be connected so two delegates can simultaneously use the unit.

### Built-in volume control for headphones

The headphone volume level can be adjusted by means of a thumbwheel on the unit for maximum comfort.

### Controls and Indicators

- Microphone on/off button.
- Rotary volume control for adjusting headphone volume.
- Loudspeaker, automatically muted when microphone is on.
- Microphone 'on' indicator (red LED).
- Light ring indicator on microphone stem, lights up red when microphone is on.

### Interconnections

- 1 x 2.7 m (106.3 in) cable terminated with a 8-pin male connector for loop-through connection to other.
- 1 x 8-pin circular female connector for loop-through connection to other delegate or chairman units.
- 2 x 3.5 mm (0.14 in) stereo headphone sockets.

## Parts included

Quantity	Components
1	CCSE-DL CCS700 Conference Delegate unit

## Technical specifications

### Electrical

Nominal Acoustic Input at the microphone	85dB SPL
Frequency Response	400Hz to 10Khz

### Mechanical

Dimensions (without microphone) (H x W x D)	54x136x138mm
Length of the microphone from the base of the stem	488mm
Weight	1.2 kg
Mounting	Tabletop
Color	Charcoal

### Environmental

Operating temperature	-5 °C to +45 °C
Storage temperature	-40 °C to +70 °C

## Ordering information

**CCSE-DL CCS700 Conference Delegate unit**  
Order number **CCSE-CML**

#### Represented by:

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# CCSE-CML CCS700 Conference Chairman unit

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- ▶ Priority button for chairman microphone.
- ▶ Optional chime tone facility preceding chairman announcements.
- ▶ Modern, unobtrusive styling to match the CCSE-DL Delegate Units.
- ▶ Microphone with flexible stem and light ring.
- ▶ Two headphone sockets.

The CCS700 Ultra Discussion System is a suitable for use in meetings and conference venues with a limited number of participants.

The CCSE-CML Chairman Units are equipped with enhanced functionality that enables the user to take the role of chairman in a conference or meeting. The unit has a fixed microphone with flexible stem. Headphone sockets can be used to listen to the discussion in situations with excessive background noise.

## System overview

### Priority button for chairman microphone

In addition to the 'microphone on' button the chairman units feature a 'chairman priority' button. When pressed the priority button causes all currently active delegate microphones to be permanently muted.

### Optional chime tone facility for preceding chairman announcements

A sliding switch is available on the rear of CCSE-CU which can be used to activate the chime tone to precede chairman priority calls.

### Built-in loudspeaker

Loudspeaker volume is set centrally at the Control Unit for all delegate units. To prevent acoustic feedback, the built-in loudspeaker is automatically muted when the microphone is on.

### Two headphone sockets

Two 3.5 mm (0.14 in) stereo headphone sockets (wired for mono) allow two pairs of headphones to be connected so two delegates can simultaneously use the unit.

### Built-in volume control for headphones

The headphone volume level can be adjusted by means of a thumbwheel on the unit for maximum comfort.

### Controls and Indicators

- Microphone on/off button.
- Chairman priority button.
- Rotary volume control for adjusting headphone volume.
- Loudspeaker, automatically muted when microphone is on.
- Microphone 'on' indicator (red LED).
- Light ring indicator on microphone stem, lights up red when microphone is on.

### Interconnections

- 1 x 2.7 m (106.3 in) cable terminated with a 8-pin male connector for loop-through connection to other.
- 1 x 8-pin circular female connector for loop-through connection to other delegate or chairman units.
- 2 x 3.5 mm (0.14 in) stereo headphone sockets.

### Parts included

Quantity	Components
1	CCSE-CML CCS700 Conference Chairman unit

### Technical specifications

#### Electrical

Nominal Acoustic Input	85dB SPL
Frequency Response	400Hz to 10kHz

#### Mechanical

Dimensions (without microphone) (H x W x D)	54x136x138mm
Length of the microphone from the base of the stem	488mm
Weight	1.2 kg
Mounting	Tabletop
Color	Charcoal

#### Environmental

Operating temperature	-5°C to +45°C
Storage temperature	-40°C to +70°C

### Ordering information

#### CCSE-CML CCS700 Conference Chairman unit

Order number **CCSE-CML**

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# CCSE-CU CCS700 Conference Control unit

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- ▶ Better discussion control
- ▶ Controls up to 50 Discussion units
- ▶ 3-Band equaliser for better sound performance
- ▶ Audio interfaces for connecting external audio equipments

The CCS700 Ultra Discussion System is suitable for use in meetings and conference venues with a limited number of participants.

The Control Unit (CU) is the heart of the CCS700 Ultra Discussion System and supplies the power for all delegate and chairman units in the system. The unit also controls the chairman and delegate unit microphones, as well as providing interfaces for external audio equipment. The CCS700 discussion system is a plug and play solution for the audio conference requirements.

## Functions

### Discussion control

The CCSE-CU(CU) supports almost any kind of small or medium meeting. For business discussions and small conferences, two to six microphones can be active simultaneously, with the chairman always having speaker priority. The active microphone selection knob on the rear panel can be used to select the number of active participants. Unused microphones are switched off automatically after 65 seconds if delegates forget to switch off their units.

### Supplies power for up to 50 Discussion units

The CU has two trunk outputs for the loop through connection of discussion units. It is possible to connect a maximum of 25 discussion units to each

trunk output in open loop configuration. Maximum trunk length supported by CU is 100m in open loop configuration. For closed loop configuration with 50 discussion units the loop length can be extended upto 200meter. A maximum of 50 discussion units can be connected to a CU.

### Better sound

The conference controller has a 3-band equaliser for tuning sound output of the system. This helps in quickly tuning the system to compliment the hall acoustics at different venues. This ensures optimum performance at all times.

### Audio Interfaces

The CU can be interfaced with different type of devices like external audio recorder, sound reinforcement system, external microphones and external music player. The headphone output on the front of the CU can be used by a secretary for taking the minutes of the meeting, the headphone output also has a volume control knob to adjust the volume of the headphone.

To support external participants (during town-council meetings, for example), extra microphones in any style (wired, wireless, handheld or podium) can be connected to the system through mic inputs.

**Controls and Indicators**

- Equaliser comprising of knobs at 250Hz, 2kHz and 8kHz
- Volume control for Mic 1 input
- Volume control for Mic 2 / Aux input
- Headphone input and volume control
- Master volume control
- Sliding switch for Equaliser On/Off
- Sliding switch to enable or disable the priority tone for chairman units
- Number of Active microphone control knob

**Interconnections**

- Trunk input and output 8-pin DIN connectors for loop through connection
- Microphone input with XLR connector
- Configurable Mic or Aux input with 6.5mm phono jack
- Cinch connectors for connecting to external PA system and recorder
- Earth connection screw
- Mains socket

**Certifications and approvals**

Safety	acc. to EN 60065
EMC emission	acc. to EN 55103-1
EMC immunity	acc. to EN 55103-2

**Parts included**

Quantity	Components
1	CCSE-CU CCS700 Conference Control unit
1	Installation and operation manual
1	Power cord

**Technical specifications****Electrical**

Mains voltage	230VAC, 50 Hz ( $\pm 10\%$ )
DC voltage supply to contribution units	24V $\pm$ 1V DC
THD at rated output	<1%
SNR	>-50dB at rated output (unweighted filter)
<b>Inputs</b>	
Mic input sensitivity	1 mV (+1/-3dB)
Aux input sensitivity	100mV (+1/-3dB)
Frequency response	200 Hz to 12 kHz
Input Impedance	4.7 kohm
Equaliser	
Center frequencies of filters	250Hz, 2kHz and 8kHz
Filter bandwidth	1 octave

Boost/Cut at center frequencies	+6dB to -6dB
Equaliser transfer gain	$\pm 1$ dB
<b>PA Output</b>	
Rated output Impedance	100 ohm
SNR	>-50dB at rated output (unweighted filter)
<b>REC out</b>	
Rated output Impedance	1 kohm
SNR	>-50dB at rated output (unweighted filter)

**Mechanical**

Dimensions (H x W x D)	88mm x 361mm x 252mm
Weight	5.5 kg
Color	Charcoal(RAL 10736) and Grey (for rear cover)

**Environmental**

Operating temperature	-5°C to 45°C
Storage temperature	-40°C to +70°C

**Ordering information****CCSE-CU CCS700 Conference Control unit**Order number **CCSE-DL****Accessories****CCSE-CA10 CCS700 Extension cable assembly 10m**Order number **CCSE-CA10**

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