

CCSE-CU-R Control unit

CCS 700



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

The CCS 700 Ultra Discussion System is a suitable for use in meetings and conference venues with a limited number of participants.

The Control Unit CCSE-CU-R is the heart of the CCS 700 Ultra Discussion System and supplies the power for all delegate and chairperson units in the system. The unit also controls the chairperson and delegate unit microphones, as well as providing interfaces for external audio equipment. The CCS 700 discussion system is a plug and play solution for the audio conference requirements.

Functions

The CCSE-CU-R 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 chairperson 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 CCSE-CU-R 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 CCSE-CU-R is 100m in open loop configuration. For closed loop configuration with 50 discussion units the loop length can be extended up to 200meter. A maximum of 50 discussion units can be connected to a CCSE-CU-R.

Better sound

The conference controller has a 3-band equalizer 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 CCSE-CU-R 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 CCSE-CU-R 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

- Equalizer comprising of knobs at 250 Hz, 2 kHz and 8 kHz
- Volume control for Mic 1 input
- Volume control for Mic 2 / Aux input-Headphone input and volume control
- Master volume control
- Sliding switch for Equalizer On/Off
- Sliding switch to enable or disable the priority tone for chairperson 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 6.5 mm phono jack
- Cinch connectors for connecting to external PA system and recorder
- Earth connection screw
- Mains socket

Regulatory information

Certified for	Acc. to
Safety	EN 60065
EMC emission	EN 55103-1
EMC immunity	EN 55103-2

Installation/configuration notes

This is a professional product that should be installed, used and maintained by trained professionals only.

Parts included

Quantity	Component
1	CCSE-CU-R CCS700 Conference Control unit
1	User manual
1	Power cord

Technical specifications

Electrical

Input voltage (VAC)	230 VAC
Power frequency	50 Hz (± 10 %)
Input voltage (VDC) to contribution units	24 VDC, ± 1 VDC
Total harmonic distortion + noise (%)	< 1%
Minimum signal-to-noise ratio (dB) (PA Output / RED out)	-50 dB @ rated output, unweighted filter
PA Output impedance (Ω)	1,000 Ω

REC out Output impedance (kΩ)	1 kΩ
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Inputs

Input sensitivity (mV) (microphone)	1 mV (+1 / -3dB)
Input sensitivity (mV) (AUX)	100 mV (+1 / -3dB)
Frequency response (Hz)	200 Hz – 12,000 Hz
Input impedance (kΩ)	4.70 kΩ

Equalizer

Center frequencies of filters	250 Hz; 2 kHz; 8 kHz
Filter bandwidth (oct)	1 oct
Boost/Cut at center frequencies (dB)	+6 dB- -6 dB
Equalizer transfer gain (dB)	± 1 dB

Mechanical

Dimensions (H x W x D) (mm)	88 mm x 361 mm x 252 mm
Weight (kg)	5.50 kg
Color	Gray

Environmental

Operating temperature (°C)	-5 °C – 45 °C
Storage temperature (°C)	-40 °C – 70 °C

Ordering information

CCSE-CU-R Control unit

Control unit.

Order number **CCSE-CU-R | F.01U.434.030**



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