CCSE-CURA-IN Control unit with recorder and amplifier

CCS 700

- Better discussion control
- Controls up to 50 discussion units
- Built-in audio recorder and amplifier
- Audio interfaces for connecting external audio equipment

The CCS700 Ultro Discussion System is suitable for use in meetings and conference venues with a limited number of participants.
The Control Unit (CURA) is the heart of the CCS700 Ultro 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 CURA 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 CURA 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 CURA is 100 m in open loop configuration. For closed loop configuration with 50 discussion units the loop length can be extended up to 200 m. A maximum of 50 discussion units can be connected to a CURA.

Recorder and amplifier
The conference controller has an in-built recorder. The user needs to plug in either a USB drive or an SD card to record the meeting, which can be used to minutes the meeting. The Controller is also equipped with a 30 Watt power amplifier, by which the user can connect additional speaker for sound reinforcement.

Audio interfaces
The CURA can be interfaced with different types of devices like sound reinforcement systems, external microphones and external music players. The headphones output on the front of the CURA can be used by a secretary for taking the minutes of the meeting, the headphones output also has a volume control knob to adjust the volume of the headphones. 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
• Audio record and playback module for recording the ongoing conference in USB/SD card
• Volume control for Mic 1 input
• Volume control for Mic 2 / Aux input
• Headphones input and volume control
• Master volume control
• Sliding switch for limiter On/Off
• Speaker output - 100 V/8/4 Ohm
• 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 6.5 mm phono jack
- Cinch connectors for connecting to an external PA system and Feedback suppressor or Equalizer.
- Earth connection screw
- Mains socket

Regulatory information

Certified for	Acc. to
Safety	EN 60065
EMC emission	EN 551032-2012
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	Control unit with recorder and amplifier
1	Installation and operation manual
1	Power cord
1	Remote control & connectors

Technical specifications

Electrical

Input voltage (VAC)	220 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

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) (AUX channel)	100 kΩ single ended

Amplifier performance

Maximum output power (W)	45 W
Rated power (W)	30 W
Frequency response (-3 dB) (Hz)	80 Hz – 18,000 Hz (+1 @10 dB referent at rated power)
Number of outputs (loudspeaker)	1
Connector type	Phoenix (removable screw connector)
Direct output	100 V, 8/4 ohm
Total harmonic distortion + noise (%)	< 1% at rated power, 1 kHz

Mechanical

Dimensions (H x W x D) (mm)	88 mm x 433 mm x 252 mm
Weight (kg)	6 kg
Color	Gray

Environmental

Operating temperature (°C)	-5 °C – 45 °C
Storage temperature (°C)	-20 °C – 70 °C

Ordering information

CCSE-CURA-IN Control unit with recorder and amplifier
Control unit for the CCS700 Ultro Discussion System.
Order number **CCSE-CURA-IN | F.01U.315.101**

Accessories

CCSE-CA-02 System extension cable, 2m
Extension cable, 2m
Order number **CCSE-CA-02 | F.01U.347.076**

CCSE-CA-05 System extension cable, 5m
Extension cable, 5m
Order number **CCSE-CA-05 | F.01U.347.075**

CCSE-CA-10 System extension cable, 10m
Extension cable, 10m
Order number **CCSE-CA-10 | F.01U.309.729**

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Data subject to change without notice | 202408290901 | V2 | August 29, 2024

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