



D-Cerno CU-R

D-Cerno Central Unit with Recording & Web Server



Description

The D-Cerno CUR is the heart that powers small to mid-sized meetings. The technology inside D-Cerno is based on *the same processing principles found in Televic's flagship, high-end products* but streamlined & optimized for its marketing segment: entry-level discussion systems.

The system occupies a unique position in the market since it is *completely based on digital signal processing*. D-Cerno controls 50 delegate units and can be expanded *to cover 150 units* using a master/slave configuration with multiple central units. The delegate units are connected in daisy chain over the 4 bus connections (4 branches or 2 closed loops). When cabled in loop, a redundancy mechanism guarantees that the

system continues to function flawlessly if a cable should break or disconnect for some reason.

The system is designed to work out-of-the-box, with hardly any technical expertise required. *D-Cerno is simply plug-and-play.*

Control of the system is easy and intuitive via the touch sensor buttons and a large LCD menu. To guide the meeting, several conference modes are implemented. Direct access, Request, Push to talk, FIFO, Vox control.

The D-Cerno CUR, in contrast to the CU version, allows users to *control and configure the system via the integrated web server*. Another difference found only in the D-Cerno CUR are *two USB connections* found at the front of the unit to connect a USB storage device for direct recording

of the meeting. If one device is full, the second device will automatically take over.

Design-wise, D-Cerno CU *blends in beautifully* with the delegate & chairman units, both in shape and appearance. Its sleek and understated profile feels at home on any meeting room table.

D-Cerno's *fan-less design* also ensures absolute silence and allows it to be placed near the chairman or delegates without any concern for fan noise, even during extended usage.

Next to connecting delegate units, the central unit also has *the necessary inputs and outputs* to connect to other equipment such as room amplification, wireless microphones or audio/video conference systems.

Finally, the unit is also *energy-efficient*: D-Cerno has a power saving mode and moves to a sleep state if the system has been left on accidentally.

Benefits

- Contemporary design fits in everywhere
- Fan-less operation guarantees silence
- Energy-efficient
- Plug-and-play approach
- Easy browser-based configuration
- Effortless meeting recording via external USB connection
- Camera control integration capabilities

Features

- Touch sensor button technology
- Digital signal processing
- Integrated web server
- Integrated Recording (on USB storage device: not included)
- Selectable voice activation (VOX)
- Fail-safe redundancy technology (patent pending)
- Default digital acoustic feedback reduction
- For systems up to 50 units
- Master/slave function to expand the system
- Menus and integrated LCD
- System volume
- On/Off button

Connectivity

- 1 Balanced XLR input
- 1 Unbalanced RCA input
- 2 Unbalanced RCA outputs
- 4 Bus connections (4 branches or 2 loops)
- LAN connection
- 2 USB connections
- 1 Lockable Power connection

Spare Power Supply

71.98.0322

Certifications

| Region | Certification |
|--------|---------------|
| Europe | CE |

Specifications

| Mechanical | |
|------------------------------------|--|
| Material | PC/ABS |
| Color | Black |
| Size (mm) | 300 (w) × 135 (h) × 50 (d) |
| Size packaged (mm) | 345 (w) × 250 (h) × 155 (d) |
| Weight (g) | 1300 |
| Weight packaged (g) | 2600 (including D-Cerno PS, cable) |
| Electrical | |
| Power supply input | External 100-240 VAC 50-60 Hz 2,5 A |
| Power supply output to power units | 48 VDC 3.35 A Max 160 W |
| Audio quality | 16 bit digital |
| Power consumption | Active 4 W Standby 0.7 W |
| Volume control | 0 dB to -72 dB + "OFF" |
| AUX 1 IN XLR balanced | |
| Input impedance | ≥ 7 kΩ (asymm.) |
| AUX 2 IN RCA unbalanced | |
| Input impedance | ≥ 20 kΩ (asymm.) |
| Input gain adjustment | +24 dB to -51 dB + "OFF" |
| AUX OUT 1,2 RCA unbalanced | |
| Max. output level | 0 dBV = -10 dBFS |
| Output impedance | ≤ 600Ω |
| Output gain adjustment | +24 dB to -51 dB + "OFF" |
| Headphone | |
| Load impedance | 16-150 Ω |
| Output power | Max 70 mW 32 Ω |
| Volume control | 0 dB to -72 dB + "OFF" |

| Environment | |
|-----------------------|---|
| Operating temperature | 5 to 50 °C |
| Humidity | Protection class EP10 Compliant to IEC 60069_2.14 |

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