

D-Cerno

The world is digital

It's time to evolve



Table of Content

D-Cerno D / D-Cerno C VO.1	5
D-Cerno CU VO.1	7
D-Cerno CUR VO.1	9

Preliminary

D-Cerno D / C

WIRED DISCUSSION UNIT

Art. 71.98.0301 / 71.98.0302



Hygienic and easy to clean as there are no gaps around the buttons where dirt and bacteria can accumulate.

No moving parts also means no wear of the buttons, offering equal performance over the entire life of the product

The system is designed to work out-of-the box, with hardly any technical expertise required:

Wiring is easy, shielded Cat5 cables from unit to unit. While connecting there is no need to worry about the IN and OUT port as the unit detects the direction of the signal flow automatically. This makes cabling errors virtually impossible.

Next to this there is no initialisation procedure required. After wiring the system, it is ready for operation. Plug-and-Play, up and running in no time, ideal for frequent changing environments.

Description

D-Cerno introduces a new era... an innovator within its market segment...

The look of the system is stylish and when placed on the conference table its design is unobtrusive and low profile, fitting every environment.

The fact that it is completely based on digital signal processing makes it unique in its market segment. This results in crystal clear sound and excellent intelligibility.

In a world where communication is crucial, immunity to typical disturbances of mobile phones can not be overlooked. By eliminating these disturbances delegates can focus on the essence of the meeting.

D-Cerno makes use of the most recent touch sensor button technology offering several benefits.

Controls and Features

- Digital signal processing
- Stylish, unobtrusive, low profile design
- Hygienic touch sensor technology
- Shielded, GSM immune microphone
- High quality integrated loudspeaker
- Headphone output
- Headphone volume adjustment
- Loop-through, daisy chain cabling
- Patent pending fail-safe redundancy feature
- Concealed conference bus connections
- Microphone LED ring
- Bi-color bar indicator
- The chairman version (D-Cerno C) comes with a priority and next-in-line function

Connectivity

- 2 digital bus connections (IN/OUT - interchangeable)
- Headphone connection

Specifications

Technical Data	
Audio quality	16 bit digital
Headphone load impedance	> 32 ohm < 1k ohm
Output power	16.5 mW / 32 ohm
Power Supply	48V, over Cat5 cable
Dimensions (mm)	210(w), 135(h), 50(d)
Lenght microphone (mm)	300
Weight (g)	620
Color	Black
Part number	D-Cerno D: 71.98.0301 D-Cerno C: 71.98.0302

Accessories

- Headphones
TEL151 71.04.0151
- Digital bus cable, Cat5 24AWG:

2m ICC5/2	71.60.4002
5m ICC5/5	71.60.4005
10m ICC5/10	71.60.4010
20m ICC5/20	71.60.4020

Standard Ethernet patch cable AWG26 cannot be used!

- A patch cable of 2 metre is included in the unit.

Preliminary

D-Cerno CU

CENTRAL CONTROL UNIT

Art. 71.98.0320



Description

The D-Cerno CU is the heart of the system meant to control small to mid-sized meetings.

The technology inside D-Cerno is based on the same processing principles as the technology incorporated in Televic's flagship products of the top range, yet streamlined to fit the market segment it is meant for : Entry level discussion systems.

The system is unique within this range of the market segment as it is completely based on digital signal processing. It controls 50 delegate units and can be expanded upto 150 units by 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 patent pending redundancy mechanism guarantees that the system continues to work, should a cable break or be disconnected for some reason.



D-Cerno is designed to work out-of-the box, with hardly any technical expertise required. After wiring the system, it is ready for operation. Real 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.

Design wise, D-Cerno offers a central unit that speaks the same language in shape and appearance.



Having no fan, it is absolutely silent and can be placed in the room, near the chairman or delegates without any concern for fan noise.

As a result, it can easily be set on the table with the delegate units, forming a stylish ensemble.

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

Contributing to the environment it has a power saving mode going into a sleep state when the system has been left on accidentally.

Controls and Features

- Stylish design, matching the contribution equipment
- Touch sensor button technology
- Digital signal processing
- Fanless, silent operation
- Eco standby-by mode
- 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)
- 1 Lockable Power connection

Accessories

- Spare Power supply
D-Cerno PS 71.98.0322

Specifications

Technical Data	
Audio quality	16 bit digital
Headphone load impedance	> 32 ohm < 1k ohm
Output power	16.5 mW / 32 ohm
Power Supply	48V, over Cat5 cable
Dimensions (mm)	210(w), 135(h), 50(d)
Weight (g)	620
Color	Black
Part number	D-Cerno CU 71.98.0320

Preliminary

D-Cerno CUR

CENTRAL CONTROL UNIT WITH RECORDING AND WEBSERVER

Art. 71.98.0321



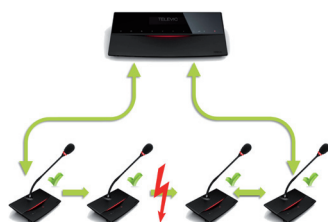
Description

The D-Cerno CU is the heart of the system meant to control small to mid-sized meetings.

The technology inside D-Cerno is based on the same processing principles as the technology incorporated in Televic's flagship products of the top range, yet streamlined to fit the market segment it is meant for : Entry level discussion systems.

The system is unique within this range of the market segment as it is completely based on digital signal processing. It controls 50 delegate units and can be expanded upto 150 units by 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 patent pending redundancy mechanism guarantees that the system continues to work, should a cable break or be disconnected for some reason.



D-Cerno is designed to work out-of-the box, with hardly any technical expertise required. After wiring the system, it is ready for operation. Real Plug-and-Play.

Control of the system is easy and intuitive via the touch sensor buttons and a large LCD menu.

Next to this there is also a possibility to control and configure the system via the integrated webserver.

At the front of the units there are also two USB connections to connect a USB storage device for direct recording of the meeting.

To guide the meeting several conference modes are implemented. Direct access, Request, Push to talk, FIFO, Vox control.

Design wise, D-Cerno offers a central unit that speaks the same language in shape and appearance.



Having no fan, it is absolutely silent and can be placed in the room, near the chairman or delegates without any concern for fan noise.

As a result, it can easily be set on the table with the delegate units, forming a stylish ensemble.

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

Contributing to the environment it has a power saving mode going into a sleep state when the system has been left on accidentally.

Controls and Features

- Stylish design, matching the contribution equipment
- Touch sensor button technology
- Digital signal processing
- Fanless, silent operation
- Integrated webserver
- Integrated Recording
- Eco standby-by mode
- 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

Accessories

- Spare Power supply
D-Cerno PS 71.98.0322

Specifications

Technical Data	
Audio quality	16 bit digital
Headphone load impedance	> 32 ohm < 1k ohm
Output power	16.5 mW / 32 ohm
Power Supply	48V, over Cat5 cable
Dimensions (mm)	210(w), 135(h), 50(d)
Weight (g)	620
Color	Black
Part number	D-Cerno CUR 71.98.0321