# D-Cerno D SL

## D-Cerno Delegate Discussion Units with Removable Microphones



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### Description

D-Cerno D-SL is a delegate discussion unit with a removable microphone. Three units with microphones and connection cables are included in the packaging.

D-Cerno combines sleek design with digital signal processing and plug-and-play functionality.

Stylish, discreet, and unobtrusive with a low profile: the D-Cerno D SL is at home in any meeting room.

The system is completely based on digital signal processing. The result is crystal-clear sound and excellent intelligibility. Two cornerstones of any successful meeting.

The system is designed to work out-of-the-box, with hardly any technical expertise required. Wiring is easy: simply connect shielded Cat 5 cables from unit to unit. What's more, there is no need to worry about the IN and OUT port since the unit detects the direction of the signal flow automatically. It makes cabling errors virtually impossible.

The system has the added benefit of easy extensibility: increasing or decreasing the number of units is a breeze. It makes D-Cerno ideal for rental use.

D-Cerno comes with a 40-cm-long removable gooseneck microphone\* equiped with a screw-lock connector that allows large freedom of movement and delivers a rich, natural sound. The light ring is dark (opaque) when the microphone is switched off. It lights up red when active, and green when in request.

In a global, interconnected world where communication is crucial, immunity to typical mobile phone interference is simply a must. D-Cerno's shielded microphone eliminates these disturbances, so delegates can focus on the essence of the meeting.

\* To prevent any damage during transportation and storage, the microphones should always be handled in a horizontal position in their packaging.

#### **Benefits**

- » Modern, sleek, and contemporary design
- » Clear user button layout and feedback
- » Removable microphone
- » Easy transport and storage thanks to small footprint and removable microphone
- » Solid bottom shell adding weight and stability

### **Features**

- » Digital signal processing
- » Shielded microphone, immune to mobile phone interference
- » High-quality integrated loudspeaker
- » Headphone output
- » Headphone volume adjustment
- » Microphone On/Off button
- » Loop-through, daisy-chain cabling
- » Patented fail-safe redundancy feature
- » Concealed conference bus connections
- » Bi-color bar indicator
- Microphone On/Off or Request-to-speak push button with 2 signaling LEDs

### Connectivity

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

 TEL152 Headphones
 71.04.0154

 EP152 Earphone
 71.04.0155

- » A 2 m patch cable is included with the unit
- » A D-Cerno SL transport case is also available:

D-Cerno AE TC 71.98.0334

# FERENCE

### Certification

Region	Certification
Europe	CE

## **Specifications**

### Specifications of the Packaging

Size (W x H x D)	525 × 260 × 150 mm
Weight	3,850 g

### Specifications of the Discussion Unit

Mechanical	
Material	PC/ABS & Zamak
Color	Black
Size	211.4 × 136 × 48.2 mm
Weight	760 g
Electrical	
Power Supply	48 DC, over Cat5 cable
Power consumption	2 W
Audio quality	16 bit digital
Frequency response	25 Hz-15,000 Hz (± 3 dB)
Headphone	
Impedance	16-150 Ω
Output level	Max 70 mW 32 Ω
Speaker	
Rated power	4 W
Mean sound pressure level	80 dB SPL at 1m
Environment	
Operating temperature	5 to 50 °C
Humidity	Protection class EP10 Compliant to IEC 60069_2.14

### Specifications of the Microphone

Mechanical	
Material	Brass
Color	Matt black, RAL 9011
Size (mm)	405 (w) × 25 (h) × 25 (d)
Weight	100 g
Diameter of the stem	Flexible part: 8 mm Rigid part: 6.3 mm
Electrical	
Transducer principle	Back electret (condenser)
Operating principle	Pressure gradient
Polar pattern	Unidirectional, cardioid
Nominal conditions	Bias resistor = 1k2 Vdd = 3.3 V DC 1 Pa = 94 dB SPL
Max SPL @ 1 kHz	110 dB SPL (1% THD+N)
Signal to noise ratio	> 67 dB(A)
Free field sensitivity	(-40.5±2) dBV @ 1Pa, 1KHz
Power supply	3.3 V DC, 0.5 mA
Consumption	0.5 mA (without LED ring) Max 25 mA (with LED ring)
Connection	Screw lock

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