

Confidea F-BOX



Description

The Confidea F-BOX is a standard solution with full audio experience for custom delegate/chairman units.

Simply connect the peripherals of your choice for a clean integrated solution.

The Confidea F-BOX is a compact Plixus audio interface, perfectly designed to be installed under a table, between the armrests of a chair, underneath an elevated floor or in any other hidden place.

The Confidea F-BOX comes with all embedded ports and connections to ensure a smooth and versatile integration in any audio scenario: use the connectors to plug a microphone, a microphone button to show its status, voting buttons, a loudspeaker, and even headphones.

And since the Confidea F-BOX comes with the convenience of the Plixus architecture, a simple CAT 5e cable is all you need to connect it to the conference network.

Features & Benefits

- » Easy configuration for connecting either a microphone, a speaker, headphones, etc.
- » Effortless integration to the Plixus network with redundant Plixus ports
- » Power over Plixus
- » Designed for high quality sound (24 bit/48 kHz)
- » Can be configured as a delegate or chairperson unit via the software
- » Small footprint

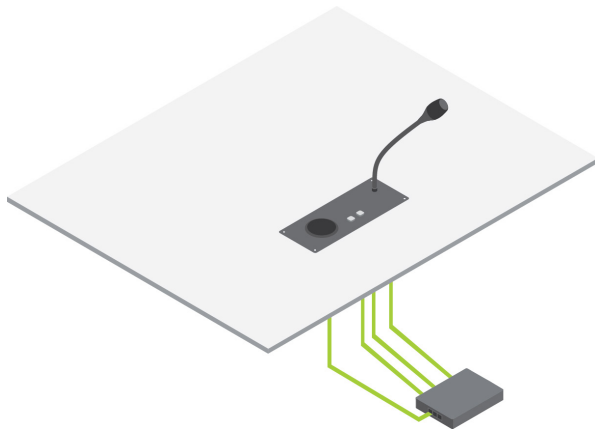
Connectivity

- » Microphone connector (D-MIC gooseneck only)
- » Microphone button with red & green LED indication to show the status of the microphone (active or request)
- » Prior button with red & green LED indication
- » Next button with red & green LED indication
- » 3 voting buttons with red & green LED indication
- » Headphones (stereo)
- » Loudspeaker
- » 2 Plixus ports for daisy chain connection

Accessories

Several Confidea F modules can be attached to the unit:

- » **71.98.0523** - Confidea F-BOX_MIC: D-MIC microphone connector + 1.2 m cable
- » **71.98.0524** - Confidea F-BOX_DL_PBTN: delegate/ chairman capacitive touch button with request-to-speak symbol and LED indication + 1.2 m cable
- » **71.98.0525** - Confidea F-BOX_MF_PBTN: delegate/ chairman or voting capacitive touch button with LED indication and no engraved symbol + 1.2 m cable
- » **71.98.0526** - Confidea F-BOX_BTN: delegate/chairman or voting push button with LED indication and no engraved symbol + 1.2 m cable



F-BOX setup with flushmount unit and Confidea F modules of your choice

Specifications

Mechanical

Material	Aluminium
Color	Tiger Carbon 01
Size (mm)	96 (W) x 25.5 (H) x 101.1 (D)
Size packed (mm)	202 (W) x 48 (H) x 120 (D)
Weight (g)	200
Weight packed (g)	300

Electrical

Voltage	48 VDC
Current consumption	1.6 W to 5 W depending on configuration
Power connector	RJ45 Cat5e

Conference Network Ports

Power over cable	48 VDC
Link speed	100 Mbps

Speaker output

Maximum output	> 1 W
Frequency response	200-20,000 Hz
Dynamic range	> 90 dB
THD @ nominal level	< 0.1%
Load impedance	8 Ω

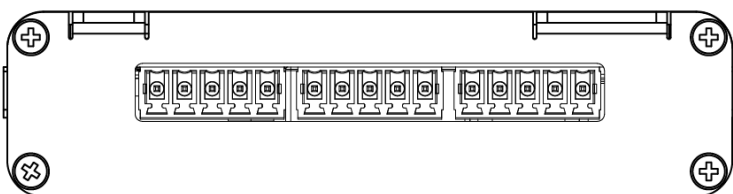
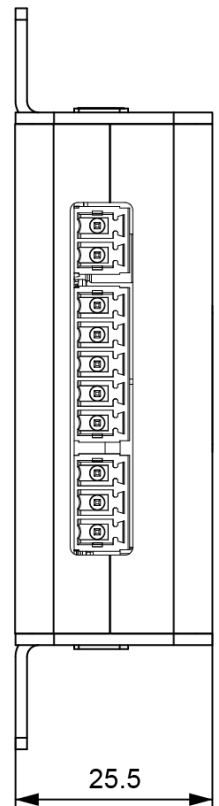
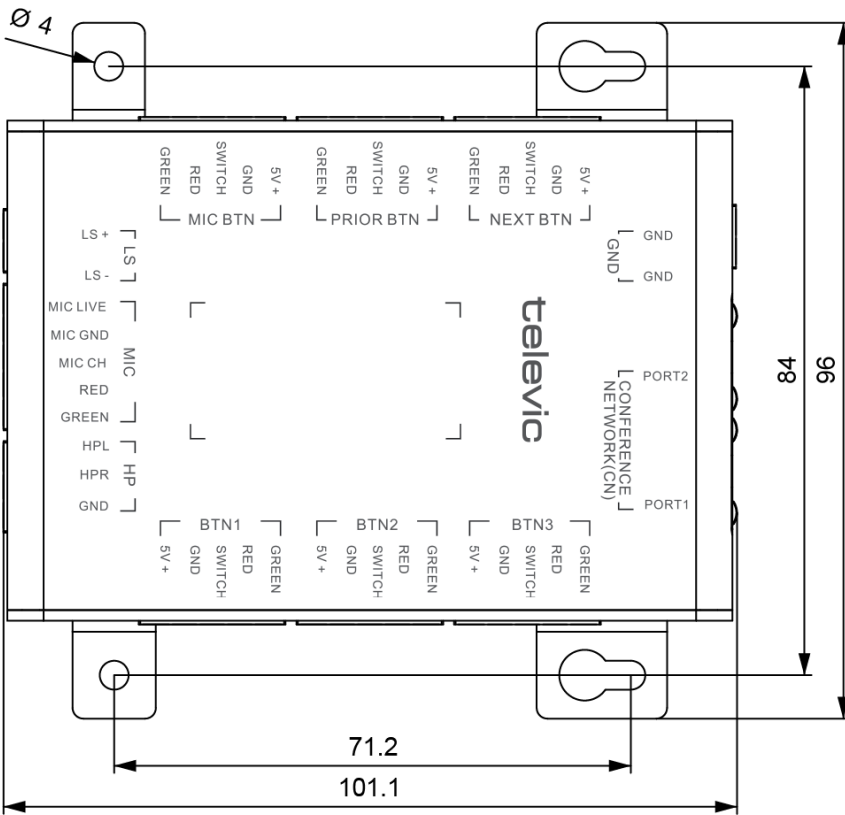
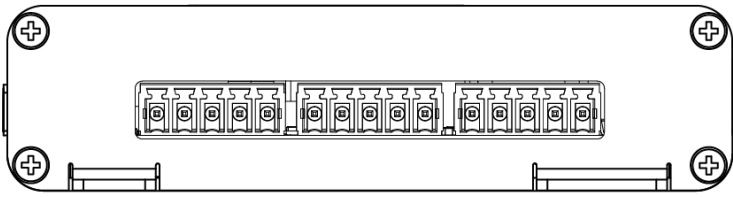
Headphone output

Maximum output	> 10 mW
Frequency response	22-22,000 Hz
Dynamic range	> 90 dB
THD @ nominal level	< 0.1%
Load impedance	16-32 Ω

Environmental

Operating temperature	32°F - 113°F / 0°C - 45°C
Storage and transport temperature	-4°F - 140°F / -20°C - 60°C
Humidity	25% - 85%

Technical Drawings *



*The dimensions of the drawings don't take into account the cable connections attached to the F-BOX nor the bending of the cables.

Technical Drawings

