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

televic conference

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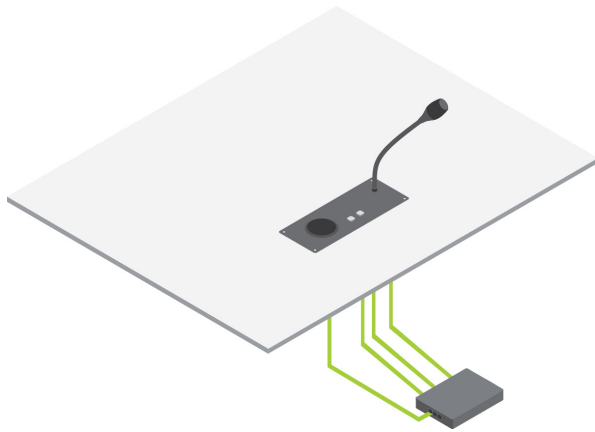
F-BOX setup with flushmount unit and Confidea F modules of your choice

Specifications

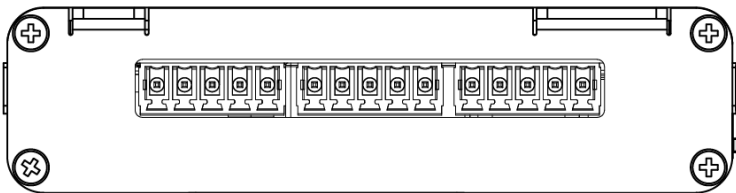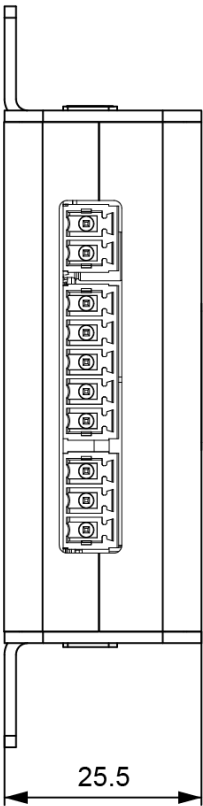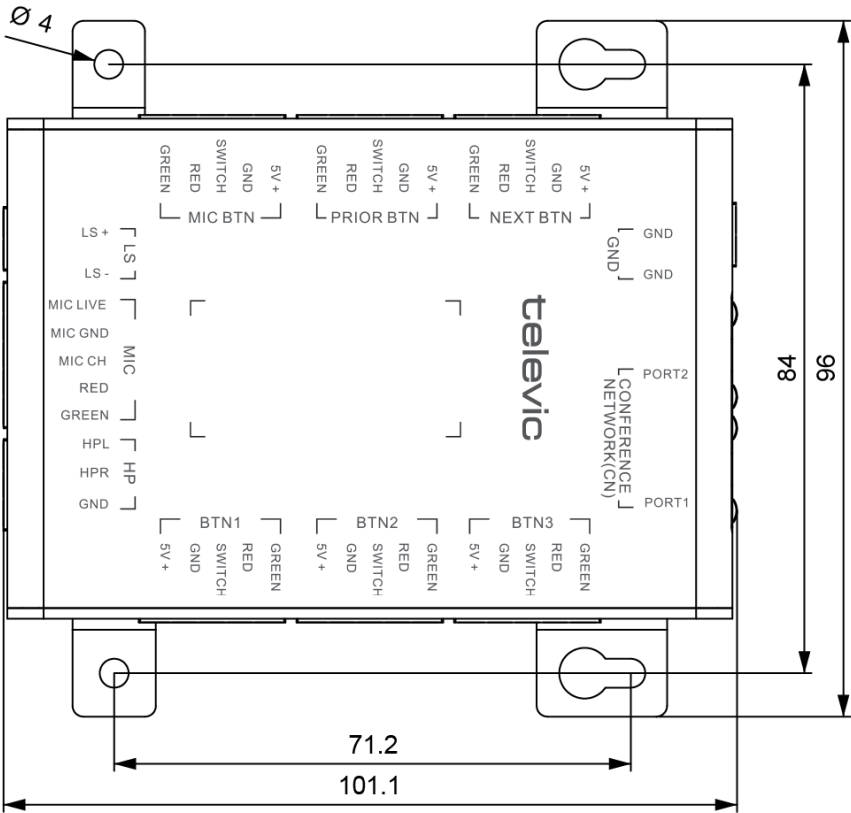| Mechanical	
Material	Aluminium
Color	Tiger Carbon 01
Size (mm)	96 (W) × 25.5 (H) × 101.1 (D)
Size packed (mm)	202 (W) x 48 (H) x 120 (D)
Weight (g)	200
Weight packed (g)	300
Electrical	
Voltage	48 VDC
Current consumption	1.6 W to 5 W depending on configuration
Power connector	RJ45 Cat5e
Conference 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
Microphone Input	
Nominal Input Level	-54.7 dBV
Maximum Input Level	-24.6 dBV
Input Impedance	1 kΩ
Dynamic Range	> 93 dB
Frequency Response	25-20,000 Hz
THD @ Nominal Level	< 0.1%
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*

Ø 4

LS +
LS -
MIC LIVE
MIC GND
MIC CH
RED
GREEN
HPL
HPR
GND

LS
MIC
HP

GREEN
SWITCH
RED
GND
5V +
GREEN
SWITCH
RED
GND
5V +
GREEN
SWITCH
RED
GND
5V +

MIC BTN
PRIOR BTN
NEXT BTN

GND
GND
GND

televic

PORT2

CONFERENCE
NETWORK(CN)

PORT1

BTN1
BTN2
BTN3

5V +
GND
SWITCH
RED
GREEN
5V +
GND
SWITCH
RED
GREEN
5V +
GND
SWITCH
RED
GREEN

84
96

71.2
101.1

25.5
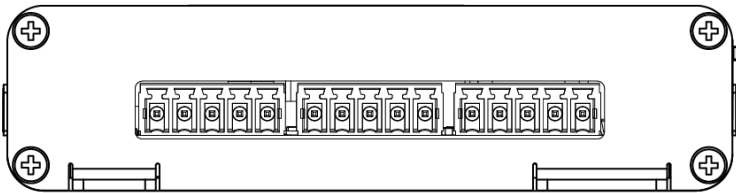
*The dimensions of the drawings don't take into account the cable connections attached to the F-BOX nor the bending of the cables.

Technical Drawings