

DCNM-FAI Flush audio interface

DICENTIS



- ▶ Intended for custom-build solutions
- ▶ Interfaces with audio sources besides the DICENTIS microphones
- ▶ Microphone and line level
- ▶ Phantom power supply of 48 V
- ▶ I/O for control and indication

The Flush audio interface is intended for custom-build solutions. It allows for a 3rd party microphone to connect to a DCNM-FBD2. The DCNM-FAI also supports other types of audio inputs, such as:

- Line input
- Balanced or unbalanced audio
- 48 V phantom powered microphones.

Functions

Rostrum with DICENTIS microphones

The audio interface also has 2 CLIK-mate connectors to connect 2 DCNM-FMCP to a DCNM-FBD2, which will make a rostrum position.

Other microphones

The Flush audio interface allows connecting one microphone or one line level audio sources to the DCNM-FBD2 to build custom solutions. The DCNM-FAI has a contact input and two outputs:

- An input contact to connect a custom microphone button
- And outputs for indication of the microphone button status.

Use of switches

- Level and gain selection.
- Power option selection.

Interconnections

- An 8-pole audio/MIC input connection to receive (un)balanced audio, set the button status, and control the microphone LEDs.
- Two power and LED control connections to the DCNM-FMCP.

- Balanced audio interface to connect to the DCNM-FBD2 through a 2 m cable with a 3-pole terminal block.
- Control interface, through RJ12, to the DCNM-FBD2 and other devices.

Parts included

Quantity	Component
1	DCNM-FAI Flush audio interface

Technical specifications

Audio

Nominal input level (dBV) (0 dB) (microphone)	-46 dBV
Maximum input level (dBV) (0 dB) (microphone)	-16 dBV
Nominal input level (dBV) (18 dB) (microphone)	-64 dBV
Maximum input level (dBV) (18 dB) (microphone)	-34 dBV
Nominal input level (dBV) (0 dB) (Line)	-12 dBV
Maximum input level (dBV) (0 dB) (Line)	18 dBV
Nominal input level (dBV) (18 dB) (Line)	-30 dBV

Maximum input level (dBV) (18 dB) (Line)	0 dBV
Gain selection (dB)	0; 6; 12; 18

Electrical

Power consumption (W)	0.5 W
Operating voltage (VDC)	5 VDC
Output voltage (VDC) (phantom)	48 VDC
Output current (mA) (phantom)	8 mA
Output voltage (VDC) (LED)	4.5 VDC
Maximum output current (mA) (per LED color)	10 mA

Mechanical

Dimensions (H x W x D) (mm)	82 mm x 122 mm x 28 mm
Dimensions (H x W x D) (in)	3.23 in x 4.80 in x 1.10 in
Weight (g)	126.90 g
Weight (lb)	0.28 lb
Color in RAL	RAL 9017 Traffic black

Environmental

According to IEC 60721: storage (1K3), transportation (2K2) and operational (3K4).

Operating temperature (°C)	5 °C – 45 °C
Operating temperature (°F)	41 °F – 113 °F
Transportation temperature (°C)	-30 °C – 70 °C
Transportation temperature (°F)	-22 °F – 158 °F
Storage temperature (°C)	-5 °C – 45 °C
Storage temperature (°F)	23 °F – 113 °F
Operating relative humidity, non-condensing (%)	5% – 90%

Ordering information

DCNM-FAI Flush audio interface

Flush-mounted audio interface for a 3rd party microphone.

Order number **DCNM-FAI | F.01U.402.926**

Accessories

DCNM-FHH Flush hand held microphone

Flush hand held microphone with 1.5 m (4.9 ft) of cable length.

Order number **DCNM-FHH | F.01U.405.507**

DCNM-FHHC Hand held microphone coiled

Flush hand held microphone with coiled cable of 1.5 m (4.9 ft) of length.

Order number **DCNM-FHHC | F.01U.405.508**

Services

EWE-DCNMFU-IW 12 mths wrty ext dicentis flush unit

12 months warranty extension

Order number **EWE-DCNMFU-IW | F.01U.407.055**

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