

LAS-BEAM-CON Configuration Interface

Loudspeaker Specials



The LAS-BEAM-CON interface is a compact hardware tool acting as the interface between a PC and the LAS-BEAM network. The LAS-BEAM-CON is essential to use LAS-BEAM-SW software in online mode, enabling configuration and monitoring of up to 256 units through a single device.

Once connected, users can adjust parameters such as beam settings, equalization, and delay in real time across the columns.

Inputs

The LAS-BEAM-CON interface features two balanced audio inputs that can be routed to the LAS-BEAM columns. The USB-C port is provided for connecting a configuration and monitoring PC.

Outputs

The RJ45 interface allows for the transmission of RS485 data, two audio lines, and a fault contact over a single cable, which can be daisy-chained to the LAS-BEAM columns. This interface supports coverage over several hundred meters in the field (depending on the type of cable used).

In the event of a fault, the LAS-BEAM-CON interface will trigger a fault contact to alert third-party systems, such as PAVA systems.

- ▶ Configuration interface for LAS-BEAM series
- ▶ 2 line level audio inputs
- ▶ Fault contact for triggering PAVA systems
- ▶ DIN-rail mounting option for rack installation

Installation/configuration notes

Device	Mounting option
LAS-BEAM-CON	Option for DIN rail mount

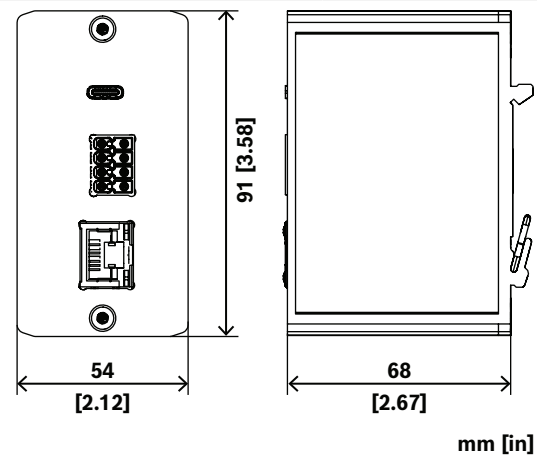


Fig. 1: Dimensions

Parts included

Quantity	Component
1	LAS-BEAM-CON configuration interface
1	USB-C cable
1	Connection (Phoenix) for fault relay and audio lines

Technical specifications

Connectivity

Audio input (2x)	Symmetrical (audio balanced line level +4 dBuV rms)
USB-C	PC connection (for configuration, monitoring)
Power supply	Powered via USB; no external supply needed. Audio inputs and failure relay remain functional without USB connection
Failure relay	For triggering external systems in case of any error
Configuration interface	USB-C
Network interface	RJ45 interface RS485 data flow control
Max. number of units	256
Surveillance	General status via fault contact Status messages via RS485
Failure relay	No failure = closed Failure = open
Rating	Max. 24 V, 100 mA

Mechanical

Dimensions (H x W x D) (mm)	91 mm x 54 mm x 68 mm (placeholder)
Dimensions (H x W x D) (in)	3.58 in x 2.12 in x 2.67 in (placeholder)
Weight (kg)	0.10 kg
Weight (lb)	2.20 lb
Color	Black
Material	Aluminum
Mounting	DIN rail mounting

Environmental

Operating temperature (°C)	0 °C – 40 °C
Operating temperature (°F)	32 °F – 104 °F

Operating relative humidity, non-condensing (%)

>95%

Ordering information

LAS-BEAM-CON Configuration Interface

Compact hardware tool for connecting a PC to the LAS-BEAM network. Enables real-time configuration and monitoring of up to 256 units.

Order number **LAS-BEAM-CON | F.01U.431.653**



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