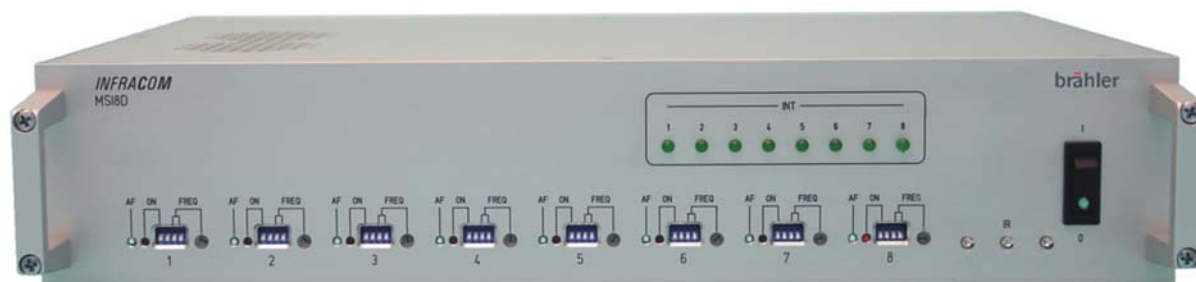


INFRACOM®

Compact Transmitter MSI8D



BRÄHLER ICS is committed to continually improving its products and so reserves the right to make technical modifications without notice.

Description

The Compact Transmitter MSI8D is used within the INFRACOM conference system for the transmission of 8 audio channels by infrared light.

The audio signals are converted into frequency modulated infrared light and then transmitted with IRad radiators, which are directly connected to the MSI8D. The original (OR) and up to 7 further languages can simultaneously be transmitted on different carrier frequencies by narrow band frequency modulation.

The transmitted signals are received by the IRX32 receiver and can then be monitored with headphones.

With miniature-switches on the front panel the frequency band can be chosen and the channels can be switched ON or OFF. With a rotating switch it is possible to assign up to 32 transmission channels.

3 infrared transmitter diodes allow monitoring for the technician without radiators.

Eight green LEDs (INT) indicate the status of the interpreter channel.

LEDs on the front panel are indicating the operation mode: channel ON (red) and audio signal available (green).

Technical Data

The unit is complying with the international standard IEC914.

Connections

- OR-IN (1 x XLR-socket) for input of the original language (OR)
- OR-OUT (1 x XLR-socket) for balanced output of the original language, adjustable (-14 ... +6)dBV/ 600Ohm
- LINE-OUT (8 x XLR-socket) AF outputs for audio recording
- IR-LINK (2 x BNC-socket)
 - 1: Connection for up to 10 radiators IRad
 - 2: Connection of up to 10 further radiators IRad
- RF-LINK (1 x BNC-socket) for cascading (RF) with further transmitters
- INTERPRETER (2 x A36-socket) for connection of interpreter consoles

Features

- Green lighted mains switch for power ON indication
- Red LEDs for channel ON indication
- Green LEDs for Audio available (AF)
- Green LEDs for interpreter control

Transmission frequency:

- 55kHz -975kHz in 40kHz steps up to 1335kHz (channel 31)

Intermediate frequency: 455 kHz

Measurements

- Distortion: < 0.2%
- Signal-to-noise ratio: > 70dB
- Channel separation: > 60dB

Power Supply

- Mains power: (90 ... 250)VAC, (50 ... 60)Hz
- Power consumption: 40VA max

Housing

- 19", 2 HE, Aluminium, "silver" anodized
- W x H x D: (433 x 88 x 305)mm

Weight

- 4.6kg

Accessories (not included in delivery)

- IRad High Power Radiator
- IRX32 Receiver
- DOL7 Interpreter Unit
- BNC Cable (50 Ohm), different lengths available

Optional

- extensible up to 32 channels