

CDSVAN

Digital Transmitter MSI8V BIV (band IV)



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

Description

The Compact Transmitter MSI8V is used within the CDSVAN Conference System for transmission of 8 audio channels by infrared light.

The audio signals are converted into frequency modulated infrared light and then transmitted by means of INFRACOM Radiators IRad, which are directly connected to the MSI8V BIV. The original (OR) and up to 7 further languages can be simultaneously transmitted on different carrier frequencies (band IV) by narrowband frequency modulation.

The transmitted signals are received by the INFRACOM Receiver IRX32 and can then be monitored by 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 on the front panel allow monitoring for the technician without radiators.

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 international standard IEC914 and IEC61603-7.

Connections

- VAN-IN (1 x RJ45-socket) for connection to the CDSVAN-PC
- VAN-LINK (1 x RJ45-socket) for cascading (Audio) with a second MSI8V
- LINE-OUT (8 x XLR-plug) AF outputs for audio recording
- IR-LINE (2 x BNC-socket)
 - 1: Connection for INFRACOM radiators IRad
 - 2: Connection for INFRACOM radiators IRad
- IR-LINK (1 x BNC-socket) for cascading (RF) with further MSI8V

Features

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

Transmission frequency:

1935kHz - 3175kHz (channel 31) in 40kHz steps

Intermediate frequency: 455 kHz

Measurements

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

Power Supply

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

Housing

- 19", 2HU, Aluminium, "silver" anodized
- W x H x D: (433 x 88 x 305) mm
(17 x 3.5 x 12) inches
- Weight: 4.6 kg

Accessories (not included in delivery)

- INFRACOM Radiator IRad
- INFRACOM Receiver IRX32
- BNC Cable (50 Ohm), different lengths available