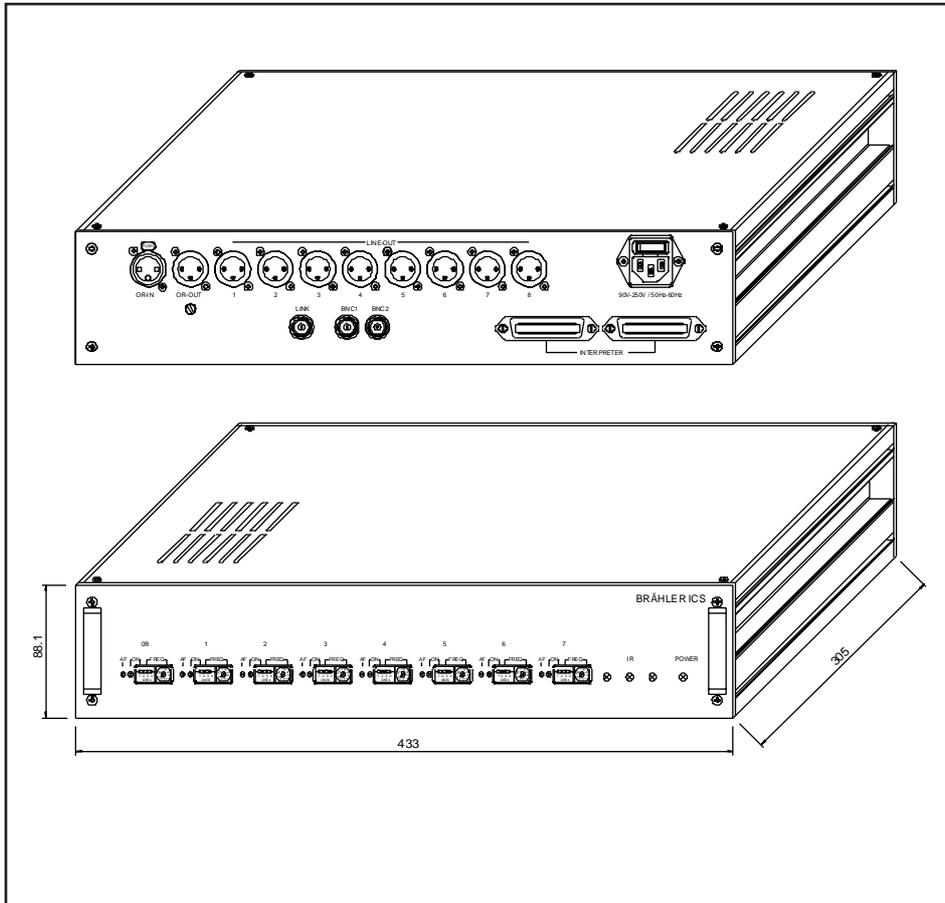


### INFRACOM<sup>®</sup> Compact Control Console

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



### Description

The INFRACOM<sup>®</sup> compact control console MSI8D is part of the INFRACOM<sup>®</sup> system, which serves the cordless sound transmission with the aid of infrared light.

The sound signal is thereby converted into a frequency-modulated infrared light signal and emitted via transmitting diodes. With special INFRACOM<sup>®</sup> receivers the light signal is recorded and re-converted into a sound signal, which can then be heard on a set of headphones. Different frequencies of up to 8 channels can be transmitted simultaneously with an FM narrow band modulation.

The INFRACOM<sup>®</sup> control console MSI8D is used for modulating the sound signals on the different carrier frequencies and for amplifying.

The control console consists of a 19" housing (2HU).

Seven languages and the original can be transmitted.

On the front right-hand side of the control console MSI8D there is a red POWER ON LED which shows whether the console is switched on. Next to this are the three infrared test diodes.

The operating elements of the eight infrared channels are also on the front side of the console. Each infrared channel consists of a green AF LED for the original voice and interpreter voice, an ON LED, an ON / OFF switch, two frequency band switches and a rotary switch for channel setting. This can be used to set the channels independently of the frequency band switch.

The control console MSI8D contains the following sockets on the rear side:

- OR-IN: sockets for feeding in the original channel (CDS sound / DIGIMIC sound). This can be set via the trimming condenser. The input is balanced via AF transformer.

- OR-OUT: socket for the output of the original sound. The output is also balanced via AF transformer.

- Trimming condenser for setting the sensitiveness of the original sound.

- LINE-OUT: eight sockets for transmitting interpreter channels.

- LINK: a BNC socket for the cascading with other compact control consoles.

- BNC1 and BNC2: two BNC sockets for connecting INFRACOM<sup>®</sup> radiators HLN82A and HLN82B. Up to 10 radiators can be directly connected to these sockets.

- Two connecting sockets A36 for the connection to the interpreter consoles.

- One network power supply socket with an integrated ON / OFF switch.

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### Technical Data

Complies with the international standard IEC914

Distortion factor: < 1.0%

Signal-to-noise ratio: > 60dB

Channel separation: > 60dB

Number of channels: max. 8 (original + 7 interpreter channels)

2 HF outputs BNC

2 sockets A36-K for the connection to the interpreter consoles

Max. power uptake: max. 110VA

Mains voltage: 100 – 250V, 50...60Hz

Anodised black aluminium housing

Dimensions: 433x305x88,1mm (2HU)

Weight: ca. 5.8kg

### Accessories

DOL7/1 interpreter console, 1+6 channels

DOL7/2 interpreter console for two interpreters, 1+6 channels

HLN82A INFRACOM® high-power radiator, 10W

HLN82B INFRACOM® high-power radiator, 20W

E1210 INFRACOM-guard® receiver, battery-operated, 12 channels

E1211 INFRACOM-guard® receiver, rechargeable batteries, 12 channels

E128-6 INFRACOM® daylight-receiver, battery-operated, 12 channels

E129-6, NFRACOM® daylight-receiver, rechargeable batteries, 12 channels

KCE-10 transportation case for 104 IR-Receivers

LTM35-flight charging and transportation case for 100 receivers

LTK55-flight charging and transportation case for 50 receivers

K10/16 delegate headphone

K45/6 delegate headphone

MG06/8 stethoscope-type headphone

SMV-BNC infrared signal splitter with power supply unit, 1 HU

W-BNC INFRACOM® circuit termination unit

B1-10 INFRACOM® connecting cable BNC 10m

B1-20 INFRACOM® connecting cable BNC 20m

UG-914/U BNC adapter

### Tender Specification

The control console should be able to transmit up to eight sound channels (FM) to different carrier frequencies, whereby the following conditions have to be fulfilled: Every transmitting channel can not only be separately switched on but also separately recorded. Transmitting channels on which no interpreter sound is stored automatically transmit the original sound and can optionally be switched off. All transmitting channels can be listened to directly at the transmitter via a receiver (IR test diodes).

The control console should contain connection sockets for a direct connection to the interpreter consoles.

Up to 20 infrared radiators can be directly linked up. Suitable additional power supply units must be available, which can be used for connecting additional radiators.

The control console should also have a socket for an external feeding in of the OR channel as a connection possibility.

Compact control console model BRÄHLER ICS®, type MSI8D or equivalent.