

# INFRACOM<sup>®</sup> Simultaneous Interpretation System

**Wireless Simultaneous Interpretation System** using infrared light audio transmission with up to 32 channels in Band II and Band IV. Noise free reception in bright sun light as well as in extreme artificial light. The IR receivers may also be protected with our patented guard system against loss. INFRACOM is an ideal solution for wireless distribution of audio in fixed and/or mobile applications.

### Compatibility in Band II and Band IV

- Up to 32 channels in Band II and Band IV
- Compatible with most common infrared systems
- Up to 75hrs of operation
- Unaffected by bright sunlight
- Anti theft protected receiver
- Channel shift mode to avoid light interference
- Quick and easy set-up
- Rental proven
- Customized solutions available

### Why Band IV?

Interference generated through switched lighting systems or energy saving lamps (especially the harmonic waves of these devices) sometimes cause infrared receiving problems in Band II. These harmonic waves can disturb more than half of the Band II. In order to avoid these interference problems the usable channels may be shifted up or must work in Band IV.



IRX



High Power Radiator IRad  
Basic color anthracite, optional  
colors available

### How the system works

As the speaker delivers the speech, interpreters translate it simultaneously into the corresponding language. This is also possible the other way around: the simultaneous interpreter will translate any question from the audience into the preferred language of the speaker. Each conference delegate hears his language of choice via headphone. The infrared receiver can be set to the required language and volume. Brähler ICS units support up to 32 languages in Band II and in Band IV.

The INFRACOM receiver IRX picks up the infrared light signal from the radiators even in bright ambient light. It is equipped with the Brähler guard feature (anti-theft protection)\*, auto switch-off function, battery status indication, charging indicator LED, and many other useful features. The receivers are available for 4, 12 or 32 channels.

Therefore, they are suitable both: for small and large scale conferences. The INFRACOM system consists of the compact transmitter MSI8D (8 channels), interpreter console DOL7/2 (1+6 channels), high-power radiator IRad and conference receiver IRX (4, 12 or 32 channels). The system is fed by an audio signal from conference systems like AUTOMIC, CDS200, CDSVAN or other audio sources.

### Easy and comfortable use

The receiver has been designed for single-handed operation. Each conference delegate can easily select the desired language channel and volume. The ergonomic design of the headphones allows comfortable wear.

### Special features

- Backlit display
- Service mode (e.g. channel shift)
- Receiver settings programmable via charging tray
- Battery status indication
- Charging indicator LED

\*optional feature



### INFRACOM System Components

#### Compact transmitter MSI8D

The INFRACOM compact transmitter MSI8D processes the audio signals for the best possible voice intelligibility. Eight language channels are transmitted via coax cabling to the infrared radiators. Additional channels may be added by simply connecting further transmitters working on different frequencies.

#### Interpreter console DOL7/2E

The interpreter console DOL7/2E (1+6 channels) for two interpreters is connected to the compact transmitter MSI8D. It can be equipped with various types of headphones, headsets and microphones. The front plate is available in different colours.

#### Radiator IRad

The INFRACOM radiator IRad has an IR-emission power of more than 20W. Different accessories allow simple wall or ceiling mounting. The number of required radiators depends on the room layout and the number of languages.

#### Guard module and Guard controller

Easy identification would be possible provided each receiver could emit its own audible alarm. Therefore the INFRACOM receiver must be equipped with the Guard module. The INFRACOM Guard security system consists of one more mains-powered Signal Transmitters CIX1 connected to a number of induction loops installed at the doors.

#### Transportation and recharging case TK50

Fifty INFRACOM receivers are stored in the transportation and recharging case TK50. For the headphones and accessories, strong and solid aluminium flight-cases are available.



TK50