



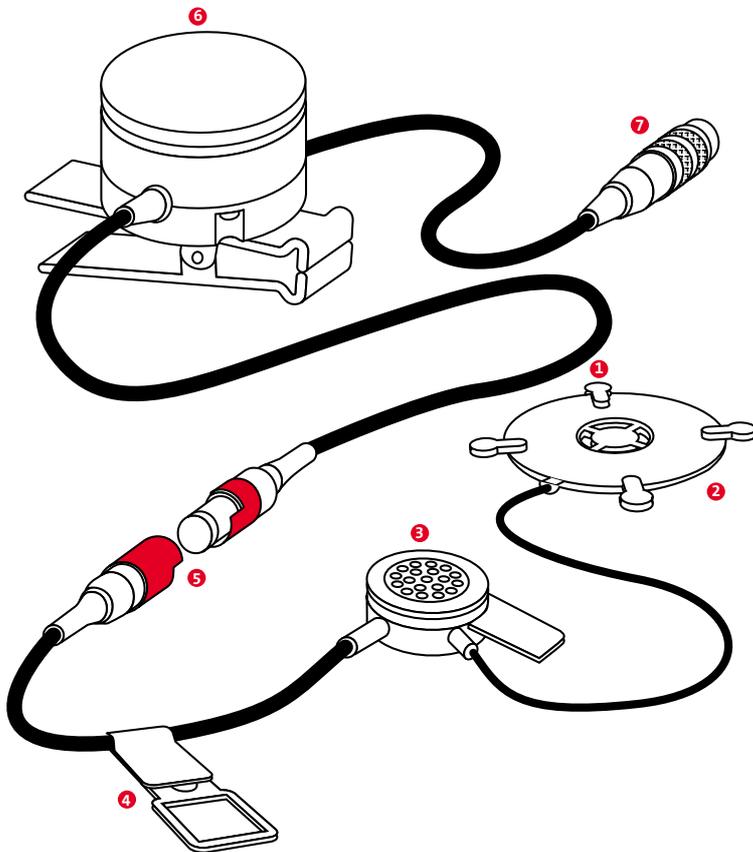
OSTEO

[Performance Communication System for Fire Fighters]

With OSTEO, clear and simple communication is possible even while wearing a face mask or Breathing apparatus.

By using a bone microphone the OSTEO system is unobtrusive and also decreases the influence of external noise considerably.

Its use is simple, comfortable to wear and installation into the helmet is very quick.



- 1 Fixation lug
- 2 Bone microphone
- 3 Loudspeaker
- 4 Fixation and cable anti-tear out device
- 5 Self breaking plug with red connection aid
- 6 PTT button with pincher
- 7 Plug for radio connection

A comfortable and performing system

- High emission and sound quality. The OSTEO system decreases the influence of outside noises considerably
- Adaptable to the F1 and F2 helmet systems
- Available for nearly 100 different radio types (for others: contact us)
- Usable with facemask
- High safety thanks to the self-breaking plug
Disconnection through lightly pulling the cable
Connection in every situation, even when there is no visibility
- Possibility of automatic radio reconfiguration through simply disconnecting the head equipment
- Light and simple maintenance
- Flexibility of the Push-To-Talk button; activation in every position by hand or arm

Specifications

Pickup:

Accelerometer with a sensitivity of 1mV/mG
Bandwidth from 20 Hz to 20 kHz.

Amplifier:

Bandwidth from 300 Hz to 3 kHz at -3dB
Harmonic distortion: 5%

Loudspeaker:

1 x 32 Ω. Maximum power: 100 mW

Power supply:

6 to 18 V. Consumption: 0 μA (PTT button released),
600 μA under 7 V (PTT button pressed)

Weight of head equipment:

55 ± 2 g for the F1 helmet system, 57 ± 2 g for the F2 helmet

Electrical tightness:

IP 54 cover

Devices according to harmonized European norms

(on request and only to be used with EEx approved radios)
EN 50014 (1977), NF C 23-514 (1982) + amendments 1 to 5
EN 50020 (1977), NF C 23-520 (1982) + amendments 1 to 5
Certification number: LCI 95.D6135 X. Level: EEx ia IIC T6

Ordering Information

GA102X11XX System OSTEO with plug for F1 helmet system

GA102X12XX System OSTEO with plug for F2 helmet

GA102X13XX System OSTEO for gas-tight suit with plug

GA1000221 System OSTEO, head equipment for F1 helmet system

GA1000222 System OSTEO, head equipment for F2 helmet

GA10214XXX System OSTEO, PTT with plug

GA1000522 System OSTEO adapter for F2 helmet

The order numbers with X should be completed with reference to the type of radio used.

For more information please ask for our complete order catalogue.

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