

PRODUCT DATA SHEET

- SECURE 2H REACT 46002-001
- SECURE 2C REACT 46102-001



SECURE REACT

AM/FM Radio & Level Dependent system

REACT allows you to listen to AM/FM radio and communicate with your colleagues while still being protected from harmful noise. Level dependent microphones in each earcup ensure excellent directional hearing, offers natural sounds and enable you to hear conversations, warning signals and other important information without compromising protection.

REACT is flexible to your situation. As the level dependent and radio functions are controlled independently you can tailor your hearing environment for perfect safety, operation and enjoyment. For optimal safety, communication radios can be connected via the external audio input. All SECURE products are fully compatible with our face protection system SAFE.

- Manual tuning and Automatic Frequency control makes it easy to tune accurately and locks onto desired station
- Level Dependent microphones provides natural sound quality
- Soft cushions with Smart “Snap-In” System for easy replacement
- Smooth size adjustment for optimized comfort and seal
- Includes 2 x 1,5 V AA batteries for up to 120 hours of use
- External 3.5 mm audio input



LATEST GENERATION AM/FM RADIO

Latest generation AM/FM Radio with excellent sound quality and reception.



LEVEL DEPENDENT “ACTIVE LISTENING”

Microphones in each ear cup allows you to communicate with your colleagues and stay alert to warning signals.



3,5 MM AUDIO INPUT

Connect to communication radios or other audio devices.



PATENTED SPEAKER DESIGN

The unique speaker design offers a great listening experience.



HEADBAND

Features a comfortable headband cushion with “snap in” system for easy replacement. Smooth single point telescopic size adjustment.



CAP/HELMET MOUNT

Compatible with most common safety helmets. Slim design with reduced risk of snagging.



SECURE 2

For work environments with a medium to high noise level (dB) Best choice in high frequency noise (Hz).

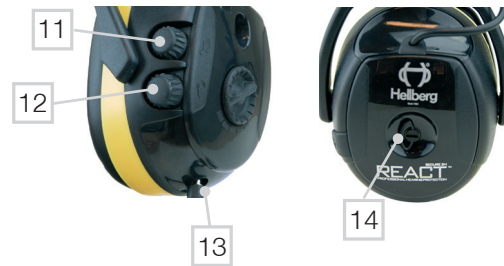
SECURE REACT

AM/FM Radio & Level Dependent

PARTS

| | |
|---------------------|---------------------|
| 1. Headband cushion | Polyether & Lycra |
| 2. Headband | POM |
| 3. Ear cushion | Polyeter & PVC-foil |
| 4. Foam liner | Polyether |
| 5. Ear cups | ABS |
| 6. Knobs | ABS & TPE |

- 7. AM/FM radio antenna
- 8. Level Dependent "Active Listening" microphones
- 9. AM/FM switch
- 10. Knob for radio station selection
- 11. On/Off-Volume knob for AM/FM radio
- 12. On/Off-Volume knob for Level Dependent function
- 13. 3,5 mm input for connection to external sound sources
- 14. Battery lid



TECHNICAL DATA

| | |
|--------------------|-------------------------------------|
| Batteries | 2 x 1,5 V AA (> 130 hours of use.) |
| Radio | FM: 88-108 MHz, AM: 540-1700 KHz |
| Sound reproduction | Stereo |

ORDER INFORMATION

| Part no | Description |
|-----------|-----------------|
| 46002-001 | SECURE 2H REACT |
| 46102-001 | SECURE 2C REACT |

ACCESSORIES

| Part no | Description |
|---------|--------------------------------|
| 99403 | SECURE hygiene kit electronics |
| 99900 | FRESH sweat absorber |

ATTENUATION DATA



| 2H REACT, EN 352-1:2002, H-34dB, M-27dB, L-20dB, SNR 30dB, Weight 382g | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|--|
| Frequency Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| Mean Att. | 21,0 | 18,4 | 21,1 | 27,7 | 36,9 | 36,1 | 42,1 | 38,8 | |
| Std. dev | 6,3 | 4,5 | 4,2 | 3,5 | 4,0 | 3,6 | 3,5 | 5,4 | |
| APV | 17,7 | 13,9 | 16,9 | 24,2 | 32,9 | 32,5 | 38,6 | 33,4 | |

| 2C REACT, EN 352-3:2002, H-33dB, M-26dB, L-19dB, SNR 29dB, Weight 412g | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|--|
| Frequency Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| Mean Att. | 17,8 | 16,3 | 19,5 | 26,9 | 34,3 | 33,8 | 41,8 | 37,4 | |
| Std. dev | 4,2 | 4,0 | 3,2 | 3,1 | 4,0 | 2,9 | 3,3 | 3,8 | |
| APV | 13,6 | 12,3 | 16,3 | 23,8 | 30,3 | 30,9 | 38,5 | 33,6 | |

ANSI

| 2H REACT, ANSI S3.19-1974, NRR 24dB, CSA A, Weight 13.47oz | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|--|
| Frequency Hz | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | |
| Mean Att. | 19,9 | 21,8 | 27,7 | 35,4 | 36,9 | 39,3 | 43,1 | 43,2 | 42,1 | |
| Std. dev | 4,1 | 2,5 | 2,8 | 4,1 | 3,9 | 4,6 | 4,6 | 3,1 | 3,1 | |

| 2C REACT, ANSI S3.19-1974, NRR 23dB, CSA A, Weight 14.53oz | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|--|
| Frequency Hz | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | |
| Mean Att. | 17,4 | 19,5 | 27,3 | 32,6 | 34,0 | 36,6 | 39,3 | 42,5 | 40,1 | |
| Std. dev | 3,5 | 2,4 | 3,1 | 3,5 | 2,7 | 3,5 | 3,4 | 4,1 | 4,7 | |