

# Active

## Level Dependent Active Listening.

Hearing protection with Active listening microphones. Active provides situational awareness, allowing you to communicate with your colleagues, hear warning signals and other important information without removing your hearing protector, allowing you to stay protected from hazardous noise.

### 1. Active Headband

Article nr: 47002-001

### 2. Active Helmet Mount

Article nr: 47102-001

1



2



## Overview/Features

Microphones in each ear cup ensure perfect directional hearing. The level dependent electronic protection system limits all sounds through the speakers to a safe level.

 **Active Listening**

 **3,5 mm AUX**

### Level Dependent Active Listening

Level-dependent microphones with Active Listening functionality in each ear cup lets you stay alert to your surroundings while still wearing your hearing protection. Communicate with your colleagues, and hear warning signals and other important sounds without ever compromising your safety and hearing.

### Rotary knob controls

Quick and easy operation with rotary control knobs. Rubber coated for good grip.

### EPS (Electronic Protection System)

The sound from the speakers is limited to a maximum of 82 dB.

### 3,5mm AUX input

Sound sources and devices such as music players or two-way radios can be connected via the 3,5 mm audio input for listen-only purposes.

### Accessories / Spare Part

| Part no   | Description                             |
|-----------|---|
| 26046-915 | Spare Headband Electronics              |
| 26108-910 | Spare Helmet Arm                        |
| 99403-001 | Hygiene Kit Secure Electronics          |
| 99900-001 | Fresh Sweat Absorber                    |
| 1059-001  | Windshield Active Listening Microphones |
| 39922-001 | 3,5 mm Stereo Connection Cable          |

## Technical data

- Operation temperature: -20/+55
- Battery type: AA
- Run-time: 1000 hours
- Criterion level H= 108dB, M=103dB, L=94dB
- Weight Headband: 394 g/ 13.9oz
- Weight Cap/Helmet Mount: 417g/14.71oz

## Attenuation data EN

### Active Headband; EN 352-1:2002, H-34dB, M-27dB, L-20dB, SNR 30dB

| Frequency Hz     | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
|------------------|------|------|------|------|------|------|------|------|
| Mean Attenuation | 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              | 14,7 | 13,9 | 1,9  | 24,2 | 32,9 | 32,5 | 38,6 | 33,4 |

### Active Helmet Mount; EN 352-3:2002, H-33dB, M-26dB, L-19dB, SNR 29dB

| Frequency Hz     | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
|------------------|------|------|------|------|------|------|------|------|
| Mean Attenuation | 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 |

## Attenuation data ANSI

### Active Headband; ANSI S-3.19-1974: NRR 24, CSA Class A

| Frequency Hz     | 125  | 250  | 500  | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 |
|------------------|------|------|------|------|------|------|------|------|------|
| Mean Attenuation | 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  |

### Active Cap/Helmet Mount; ANSI S-3.19-1974: NRR 23, CSA Class A

| Frequency Hz     | 125  | 250  | 500  | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 |
|------------------|------|------|------|------|------|------|------|------|------|
| Mean Attenuation | 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  |