

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

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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
- 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