

Synergy Multi-Point

Bluetooth[®], Active Listening and AM/FM Radio.

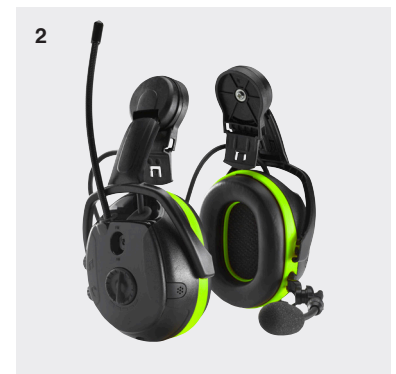
Hearing protection with Multi-Point Bluetooth[®] for phone calls and streaming. Seamless pairing with two phones. The perfect hearing protector for those who rely on phone communication in their work.

1. Synergy Multi-Point Headband

Article nr: 49012-001

2. Synergy Multi-Point Helmet Mount

Article nr: 49112-001



Overview/Features



Hearing protection with Bluetooth® for phone calls and streaming. The Active Listening microphones ensures you can hear your colleagues, warning signals and other important information without having to remove your hearing protector.



Bluetooth®

Bluetooth® offers wireless connection to your mobile phone. Easy set-up and seamless connection. Make phone calls and stream your choice of sound entertainment without ever needing to compromise your safety.

Multi-Point

Multi-point technology lets you pair two phones at the same time. Perfect when you need to use both a work phone and a private phone, for example using one to stream music and the other to receive calls.

Voice assistant support

Supports Apple SIRI and Google Assistant. Activate the function and control the music playback or phone call with your voice.

Wideband/HD Voice support

Features Wideband Audio technology or HD Voice, which enhances telephone audio quality (if supported by your network operator)

Noise cancelling boom microphone

The noise-cancelling boom microphone allows clear communication even in extreme noise environments. The unique technology combined with advanced software algorithms ensure you are always heard at the receiver end, regardless of the background noise.

USB charging

Batteries are quickly charged with the included USB charging cable. Just plug it in to a USB source or use your mobile phone wall socket adaptor.

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.

AM/FM Radio

Latest generation AM/FM radio for an exceptional listening experience even in poor reception areas.

Battery power-safe function

Automatically shuts off the unit after a period of inactivity. Helps to avoid draining the battery if you forgot to turn it off at the end of the working day.

Technical data

- Operation temperature: -20/+55
- Battery type: AA
- Run-time: 62 hours
- Bluetooth® version: 4.1, A2DP 1.3, HSP 1.2, HFP 1.5
- Criterion level EN 352-4 H 99 dB, M 102 dB, L 97 dB
- Weight Headband: 459 g/ 16.2oz
- Weight Cap/Helmet Mount: 489g/17.3oz

Attenuation data EN

Synergy MP Headband; EN 352-1:2002, H-34dB, M-27dB, L-19dB, SNR 30dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	15,0	15,1	19,8	28,0	34,1	36,7	42,7	41,9
Std. dev	4,5	3,4	2,4	3,1	3,7	4,2	4,1	3,5
APV	10,5	11,7	17,4	24,9	30,4	32,5	38,6	38,4

Synergy MP Helmet Mount; EN 352-3:2002, H-32dB, M-25dB, L-18dB, SNR 28dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	16,1	16,4	19,2	24,6	33,1	35,8	40,1	39,4
Std. dev	3,5	2,9	4,0	3,1	2,9	5,2	5,4	6,1
APV	12,6	13,5	15,2	21,5	30,2	30,6	34,7	33,3

Attenuation data ANSI

Synergy MP Headband; ANSI S-3.19-1974: NRR 24. CSA Class A

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	17,5	18,5	27,2	38,3	38,8	39,9	42,1	41,8	42,6
Std. dev	2,3	2,6	2,9	3,3	3,0	2,8	3,9	3,8	3,3

Synergy MP Cap/Helmet Mount; ANSI S-3.19-1974: NRR 25. CSA Class A

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	17,7	20,6	29,3	34,5	37,4	39,2	41,1	41,6	37,8
Std. dev	2,8	2,3	2,5	3,1	2,6	4,0	3,1	3,5	4,6

Articles / Accessories

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
16982-001	Boom Microphone
16999-001	Windshield Boom Microphone
39922-001	3,5 mm Stereo Connection Cable