

SECURE SYNERGY Multi-Point



Hearing protection with Bluetooth®
Multi-Point, level dependent
microphones and AM/FM radio

SYNERGY Multi-Point offers Bluetooth® wireless connectivity® to two mobile phones. Make calls or stream your favourite entertainment without ever sacrificing your security.

With level-dependent, active listening microphones in each cup, you are guaranteed excellent directional perception. You can hear your colleagues, warning signals and other important information without having to take off your hearing protector. The sound from the speakers is limited through the Electronic Protection System (EPS) to a maximum of 82 dB.

Multi-Point technology is perfect when you need to use both a work phone and a private phone, using one to stream music and the other to receive calls, for example.

The noise-reducing boom microphone allows for clear communication even in extreme environments, and the Adaptive Volume Control (AVC) feature automatically adjusts phone call volume based on the ambient sound level.

Ease of use with just one button to control all Bluetooth® features, and automatic connection to your phone after initial pairing when turning on the hearing protector. AM/FM radio with easy-to-access controls and Automatic Frequency Control (AFC) lets you easily set the desired radio frequency.

Features

- » Bluetooth® Multi-point lets you pair two phones at the same time
- » Prepared for Wideband Audio, which enhances telephone audio quality
- » Supports voice assistants such as Apple Siri and Google Assistant
- » Noise-suppressed boom microphone
- » Level-dependent active listening microphones
- » 3-hour fast charging provides up to 62 hours of use
- » Rechargeable batteries and USB cable included

SYNERGY Multi-Point Headband

EN 352-1:2002, H-34dB, M-27dB, L-19dB, SNR 30dB, Weight 459g

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 Multi-Point Headband

ANSI S-3. 19-1974, H-34dB, M-27dB, L-19dB, SNR 30dB, Weight 459g

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 Multi-Point Cap/Helmet Mount

EN 352-3:2002, H-32dB, M-25dB, L-18dB, SNR 28dB, Weight 489g

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



SYNERGY Multi-Point Cap/Helmet Mount

ANSI S-3. 19-1974, H-32dB, M-25dB, L-18dB, SNR 28dB, Weight 489g

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

In compliance with the PPE regulation EU2016/425, the RED Directive 2014/53/EU. Standards EN352-1; EN352-3; EN352-4; EN352-6; EN352-8. WEEE Directive 2012/19/EU, REACH, RoHS. Bluetooth® standard 4.1; A2DP 1.3; HSP 1.2; HFP 1.5. American National standard ANSI S-3.19-1974 and CSA Z94.2-02. FCC & IC (USA & Canada) FCC ID:A8TBM23SPKXYC2A; IC ID:12246A-BM23SPKXYC2.

Parts

1. Headband cushion Polyether & Lycra
2. Headband POM
3. Ear cups ABS
4. Ear cushion Polyether & PVC-foil
5. Foam liner Polyether
6. Spacer (colour ring) ABS
7. Noise suppressed boom microphone
8. AM/FM radio arial
9. Level Dependent microphones
10. AM/FM switch
11. Knob for radio station selection
12. On/Off-Volume knob for AM/FM radio
13. On/Off-Volume knob for Level Dependent function
14. 3,5 mm input for connection to external sound sources
15. Bluetooth® multi function knob
16. Bluetooth® LED light
17. Charging socket
18. Battery lid
19. Helmet arm POM
20. Slot adaptor PA 66



Article number

Part no	Description
49012-001	Multi-Point Headband
49112-001	Multi-Point Cap/Helmet Mount
99403-001	SECURE electronics hygiene kit
99900-001	FRESH sweat absorber
16999-001	Windshield Boom Microphone
39926-001	USB charge cable
17173-001	Rechargeable AA batteries
39922-001	3,5 mm stereo connection cable
16982-001	Boom microphone
1059-001	Windshield level dependent microphones

Technical details

Batteries	2 x 1,5 V AA
Operating time	Bluetooth® streaming and LD: 62 hours AM/FM radio and LD: 56 hours
Charging time	Wall socket 3h; USB 6h
Radio	FM: 88-108 MHz, AM: 540-1700 KHz
Operating temp	-20°C to +55°C



The Bluetooth® wordmark and logotype are the property of Bluetooth® SIG, Inc., and all use of them is subject to licensing agreements. Bluetooth® standard here means that the product works with units that support a Bluetooth® headset and/or handsfree and/or A2DP profile.