



SECURE SYNERGY

Hearing protection with Bluetooth®, level dependent microphones & AM/FM radio

SYNERGY offer wireless connection via Bluetooth® to your mobile phone. Make phone calls and stream your choice of sound entertainment without ever needing to compromise your safety. The noise suppressed boom microphone allows clear communication even in extreme high noise environments.

Level Dependent microphones in each earcup ensure excellent directional hearing, offers natural sound and enables you to hear conversations, warning signals and other important information without compromising protection.





Features

- » Handsfree phone calls and music streaming via Bluetooth®
- » Noise suppressed boom microphone filters out background noise in favour of speech
- » Level dependent microphones in each earcup lets you stay alert to your surroundings
- » Battery saving function (6 hour automatically turn off)
- » Rechargeable batteries and USB- charge cable included
- » Latest generation AM/FM radio with excellent sound quality and reception

Attenuation data									
2H SYNERGY									
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	
2C SYNERGY									
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	

Article number

	49002-001	SECURE 2H SYNERGY
	49102-001	SECURE 2C SYNERGY

Technical details

Batteries	2 x 1,5 V AA
Battery 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

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



Accessories

Part no	Description
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

Standards and approvals

SECURE SYNERGY is in compliance with the PPE regulation EU 2016/425 and other appropriate directives to fulfil the requirements of CE marking.

The full text of the EU declaration of conformity is available at the following internet address: www.hellbergsafety.com/doc