



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