

# Secure Helmet Mount

## Passive hearing protection.

The helmet mounted earmuff is the ideal choice for any work that requires head and hearing protection. Its durable construction withstands rough environments and the slim design reduces the risk of snagging in branches or confined areas.

### 1. Secure 1C

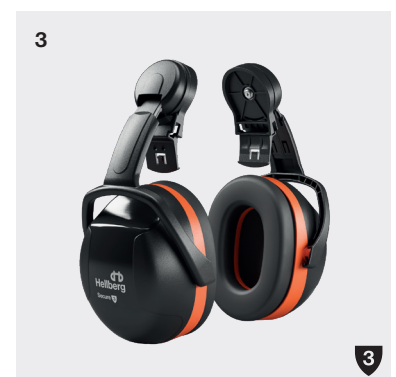
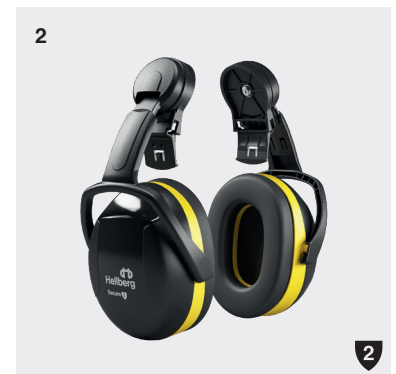
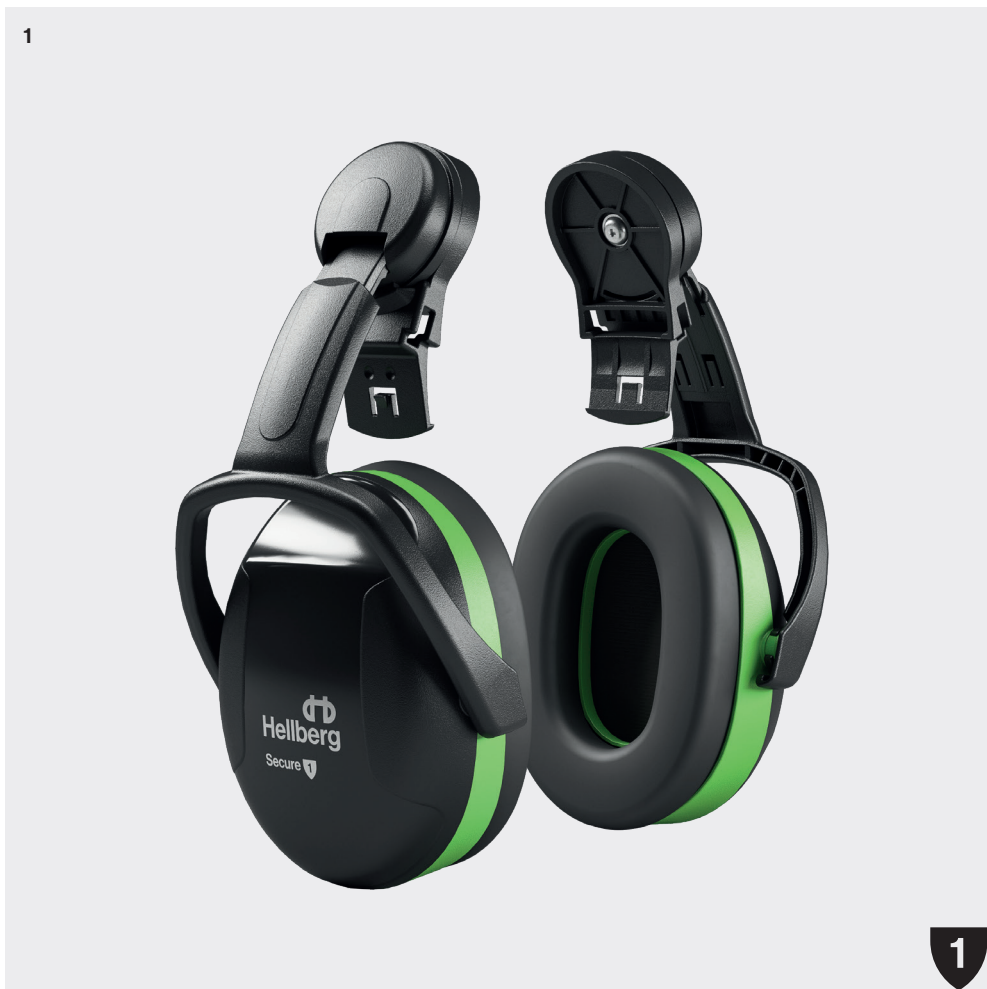
Article nr: 42001-001

### 2. Secure 2C

Article nr: 42002-001

### 3. Secure 3C

Article nr: 42003-001



## Overview/Features

The Secure helmet mount style hearing protectors offer great comfort and quality to all professional users. The slim profile design increases stability and reduces the risk of snagging in confined areas.

- 1**
  - Protection level 1 for low to medium noise
  - Very slim and light weight
- 2**
  - Protection level 2 for medium to high noise
  - Best choice for high frequency noise
- 3**
  - Protection level 3 for high to very high noise
  - Best choice for low frequency noise

### Noise Protection Level

Hellberg hearing protectors are divided into three noise protection levels, ranging from low to high noise protection. These are clearly indicated with bright safety colours for easy identification and selection.

### Helmet mounted

Helmet attachment arms with a strong steel spring mechanism, lasting more than 10 000 oscillations which represents normal use of at least 5 years. No exposed metal parts for non-conductivity.

### Three wearing positions

Park the hearing protector on the rear of the helmet when not in use, put them in stand-by position slightly off the ears, and push them inwards into working position covering the ears.

### Approved with most popular helmets

Hellberg's helmet-mounted hearing protectors are all approved in combination with most popular safety helmets on the market – more than 45 different models. Always make sure your combination is tested and approved before you combine personal protective equipment.

### Replaceable cushions with "snap-in" system

Comfortable cushions with minimal sweat retention and soft foam filling increases comfort. The snap-in system enables regular replacement for a long-lasting and hygienic product with high performance.

### Integration with face protection

The unique visor integration allows you to combine any of Hellberg's hearing protectors with face protection.

### Accessories

Part no	Description
26108-910	Spare Helmet Arm
99400-001	Hygiene Kit Secure 1 & 2
99401-001	Hygiene Kit Secure 3
99900-001	Fresh Sweat Absorber

# Technical data

## Attenuation data EN

### Secure 1C Helmet Mount; EN 352-3:2002, H-27dB, M-23dB, L-16dB, SNR 25dB, Weight 250g

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	15,0	15,0	14,7	24,7	33,1	26,8	32,2	34,6
Std. dev	4,2	3,1	2,9	2,9	3,2	2,7	2,8	3,7
APV	10,8	11,9	11,8	21,8	29,9	24,1	29,4	30,9

### Secure 2C Helmet Mount; EN 352-3:2002, H-31dB, M-27dB, L-19dB, SNR 29dB, Weight 271g

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	15,0	15,0	21,0	28,1	35,3	34,0	34,0	37,3
Std. dev	4,1	2,6	3,1	3,5	4,0	3,8	4,5	4,4
APV	10,9	12,4	17,9	24,6	31,3	30,2	29,5	32,9

### Secure 3C Helmet Mount; EN 352-3:2002, H-32dB, M-29dB, L-21dB, SNR 31dB, Weight 300g

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	16,4	17,7	23,5	31,8	41,6	36,4	34,2	35,2
Std. dev	4,3	3,3	4,2	3,5	3,4	3,8	3,9	5,7
APV	12,1	14,4	19,3	28,3	38,2	32,6	30,3	29,5

## Attenuation data ANSI

### Secure 1C Cap/Helmet Mount; ANSI S-3.19-1974: NRR 22, CSA Class B, Weight 8.8oz

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	14.0	17.6	25.9	36.1	32.8	34.6	34.6	35.3	36.8
Std. dev	2.5	2.0	2.7	3.5	2.7	3.3	2.5	4.0	4.3

### Secure 2C Cap/Helmet Mount; ANSI S-3.19-1974: NRR 24, CSA Class A, Weight 9.5oz

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	15.7	20.7	28.8	3.9	35.2	37.0	37.8	39.6	38.6
Std. dev	2.8	2.1	3.0	2.9	3.2	3.4	2.2	2.7	2.8

### Secure 3C Cap/Helmet Mount; ANSI S-3.19-1974: NRR 27, CSA Class A, Weight 10.6oz

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	19.4	23.6	33.5	37.9	36.5	35.0	39.4	39.2	39.6
Std. dev	2.9	2.1	1.9	4.3	2.1	3.3	2.8	2.6	2.4