

PRODUCT DATA SHEET

- SECURE 2H RELAX 45002-001
- SECURE 2C RELAX 45102-001



SECURE RELAX

AM/FM RADIO

RELAX protects your hearing while you enjoy listening to your favourite radio station. Easy to reach controls let you manually tune the AM/FM radio accurately. The automatic frequency control will lock on to your favourite station for the best reception available even in low signal areas. The sound from the radio is limited to a safe level by the EPS (Electronic Protection System).

For optimal safety, communication radios can be connected via the external audio input.

- Manual tuning and Automatic Frequency control makes it easy to tune accurately and locks onto desired station
- The sound from the radio is limited to a safe level
- Soft cushions with Smart “Snap-In” System for easy replacement
- Smooth size adjustment for optimized comfort and seal
- Includes 2 x 1,5 V AA batteries for up to 130 hours of use
- External 3.5 mm audio input
- Fully compatible with Hellberg’s SAFE™ Visor System



LATEST GENERATION AM/FM RADIO

Latest generation AM/FM Radio with excellent sound quality and reception.



3,5 MM AUDIO INPUT

Connect to communication radios or other audio devices.



PATENTED SPEAKER DESIGN

The unique speaker design offers a great listening experience.



HEADBAND

Features a comfortable headband cushion with “snap in” system for easy replacement. Smooth single point telescopic size adjustment.



CAP/HELMET MOUNT

Compatible with most common safety helmets. Slim design with reduced risk of snagging.



SECURE 2

For work environments with a medium to high noise level (dB) Best choice in high frequency noise (Hz).

SECURE RELAX

AM/FM RADIO

PARTS

1. Headband cushion	Polyether & Lycra
2. Headband	POM
3. Ear cushion	Polyether & PVC-foil
4. Foam liner	Polyether
5. Ear cups	ABS
6. Knobs	ABS & TPE

7. AM/FM radio antenna
8. AM/FM switch
9. Knob for radio station selection
10. 3,5 mm input for connection to external sound sources
11. On/Off-Volume knob for AM/FM radio
12. Battery lid

TECHNICAL DATA

Batteries	2 x 1,5 V AA (> 130 hours of use.)
Radio	FM: 88-108 MHz, AM: 540-1700 KHz

ORDER INFORMATION

Part no	Description
45002-001	SECURE 2H RELAX
45102-001	SECURE 2C RELAX

ACCESSORIES

Part no	Description
99403	SECURE hygiene kit electronics
99900	FRESH sweat absorber

ATTENUATION DATA

CE 1974

2H RELAX, EN 352-1:2002, H- 34dB, M-27dB, L-20dB, SNR 30dB, Weight 377g									
Frequency Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att.	21,0	18,4	21,1	27,7	36,9	36,1	42,1	38,8	
Std. dev	6,3	4,5	4,2	3,5	4,0	3,6	3,5	5,4	
APV	17,7	13,9	16,9	24,2	32,9	32,5	38,6	33,4	

2C RELAX, EN 352-3:2002, H-33dB, M-26dB, L-19dB, SNR 29dB, Weight 407g									
Frequency Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att.	17,8	16,3	19,5	26,9	34,3	33,8	41,8	37,4	
Std. dev	4,2	4,0	3,2	3,1	4,0	2,9	3,3	3,8	
APV	13,6	12,3	16,3	23,8	30,3	30,9	38,5	33,6	



ANSI

2H RELAX, ANSI S3.19-1974, NRR 24dB, CSA A, Weight 13.29oz										
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Att.	19.9	21.8	27.7	35.4	36.9	39.3	43.1	43.2	42.1	
Std. dev	4.1	2.5	2.8	4.1	3.9	4.6	4.6	3.1	3.1	

2C RELAX, ANSI S3.19-1974, NRR 23dB, CSA A, Weight 14.35oz										
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Att.	17.4	19.5	27.3	32.6	34.0	36.6	39.3	42.5	40.1	
Std. dev	3.5	2.4	3.1	3.5	2.7	3.5	3.4	4.1	4.7	