



Relax Headset

ELECTRONIC HEARING PROTECTION WITH SUPERIOR QUALITY BUILT-IN AM/FM RADIO

- Exceptional built-in AM/FM radio helps to eliminate isolation and can contribute to higher production
- Listen to your favourite radio stations or connect to many electronic devices including radios, mp3 players etc...
- New advancements in electronic technology and ergonomic design deliver many extra features and benefits to the user
- Robust and high quality for dependable performance even in harsh industrial environments



Tune in to your favourite radio station, or plug in your personal mp3 device to help keep you productive even on long workdays!



- 1 External 3.5mm input can connect to a variety of electronic audio devices
- 2 Manual tuning enables very precise adjustments; automatic frequency control locks onto your favourite radio station
- 3 Ergonomically designed and situated rubber-coated controls for easy manipulation, even while wearing gloves
- 4 Advanced "Electronic Protection System" (EPS) limits all sounds over the speakers to a safe level (maximum 82db)
- 5 Superior speaker design with bass chamber for a superb high fidelity stereo listening experience
- 6 Bevelled top portion of cups enable the muffs to fit beneath the edge of your hardhat
- 7 Soft and wide ear cushions are easily replaced with smart "Snap-In" system
- 8 Light-weight and durable di-electric components
- 9 Smooth telescopic adjustment and low profile design optimizes seal and comfort without snagging
- 10 Universal 30mm adaptor with slot for visor holder
- 11 Soft, wide replaceable head cushion
- 12 Superior reception even in weak signal areas

Compatible with Hellberg "Safe" systems combining hearing and face protection

Safe-1



Safe-2



Safe-3



MATERIAL DATA

Part	Material
1. Headband	POM
2. Helmet arm	POM
3. Spring housing	POM
4. Slot adapter	PA 66
5. Earcups	ABS
6. Ear cushion	Polyether & PVC-foil
7. Headband cushion	Polyether & lycra
8. Foam liner	Polyether
9. Knobs	ABS & TPE
10. Grommets	TPE



ACCESSORIES

Part	Description
20901-001	Regular Safe-2 visor holder
20901-501	Flex Safe-2 visor holder
20902-001	Safe-1 visor holder
61100-001	Safe-3 browguard
99403	Electronics hygiene kit
99900	Disposable FRESH PAD sweat absorber
29901	Quickslot for caps without slots
39910...	Assorted connector cords



TECHNICAL DATA

SOUND REPRODUCTION	Stereo
MAX INPUT LEVEL	263 mV on electrical audio input
SOUND LEVEL LIMIT	82 dB maximum
RADIO FREQ. RANGE	FM: 88-108 MHz, AM: 540-1700 KHz
BATTERIES	Two 1.5 V "AA" (minimum 130 hours of use)

ATTENUATION DATA

Relax Headband*	Product# 45002-001										Weight 377g/13.30oz	NRR 24	CSA A
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000				
Mean Attenuation	19.9	21.8	27.7	35.4	36.9	39.3	43.1	43.2	42.1				
Standard Deviation	4.1	2.5	2.8	4.1	3.9	4.6	4.6	3.1	3.1				

Relax Cap mount*	Product# 45102-001										Weight 407g/14.36oz	NRR 23	CSA A
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000				
Mean Attenuation	17.4	19.5	27.3	32.6	34.0	36.6	39.3	42.5	40.1				
Standard Deviation	3.5	2.4	3.1	3.5	2.7	3.5	3.4	4.1	4.7				

***TESTED TO ANSI S-3.19-1974**