HEARING PROTECTION

The Protector hearing protection range offers an unrivalled raft of hearing conservation product solutions. These products provide companies and individuals with comfortable, high quality and stylish hearing protection devices addressing a wide variety of industrial applications.

Occupational noise-induced hearing loss (NIHL) is the most prevalent compensable industrial disease in NSW (WorkCover 2001). NIHL comes at a substantial personal, economic and social cost. Excessive noise contributes to increased employee turnover, lower worker performance, can inhibit communication and thereby contribute to workplace accidents.

We define noise as any unwanted or damaging level of sound.

Choosing the one for you

Hearing protection should be worn 100% of the time when exposed to harmful noise. The earmuff you choose, should be comfortable to wear, and result in a sound level around 75-80dB(A) inside the ear cup. Greater attenuation may lead to a feeling of isolation or not hearing alarm signals and communication.

The level of protection from work place noise level is indicated on the packaging and/or product. If the workplace noise level is unknown, seek professional advice.

What is SLC80 & Class System?

SLC80 is a rating number used in Australia and New Zealand

Wearers are advised to only use SLC80 when selecting their earmuffs or earplugs

Depending on the SLC rating, a Class is assigned:
- A Class 1 protector may be used up to 90dB(A)
- A Class 2 protector to 95dB(A)
- A Class 3 protector to 100dB(A)
- A Class 4 protector to 105dB(A)
- A Class 5 protector to 115dB(A)

What does di-electric mean?

The Protector SECURE earmuff ranges are di-electric i.e. all products are non-conductive. This ensures these products are suitable for use near power sources.

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<thead>
<tr>
<th>dB(A)</th>
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- Firearms
- Aircraft
- Compressed Air Powered Tools
- Hammer Drill
- Router
- Motor sports
- Circular Saw
- Wood Planner
- Chainsaw
- Electric Welding
- Electric Grinder
- Line Trimmer
- Bandsaw
- Lawn Mower
- Traffic noise
EARMUFFS

SECURE SERIES

SECURE HEADBAND
The SECURE headband earmuff is a great companion to the entire work day

KEY FEATURES:
• Colour coding for easy identification & performance selection:
  - Blue SECURE 1 (med noise)
  - Yellow SECURE 2 (med to high noise)
  - Green SECURE 3 (high noise)
• Soft wide replaceable headband pad enhances total product comfort & hygiene
• Soft, wide ear cushions with “snap-in” system attachment allows easy and convenient on the job replacement
• Di-electric (all components are non-conductive)
• Contoured foam liner provide a generous space for outer ear
• Strong & durable ABS cups feature a modern dual surface finish
• Slim stirrup design increases stability comfort and wear time
• Available in Hi Vis

STANDARDS:
Certified to AS/NZS 1270:2002

SECURE CAP ATTACHABLE
An ideal choice for any work that requires hearing and head protection such as mining, construction, forestry, heavy industry, oil and gas etc.

KEY FEATURES:
• Colour coding for easy identification & performance selection:
  - Blue SECURE 1 (med noise)
  - Yellow SECURE 2 (med to high noise)
  - Green SECURE 3 (high noise)
• 25mm adaptor post for fitting to Protector Brand Helmets.
• The post is moulded with a slide track for simple fitting of Protector visor holder
• Di-electric (all components are non-conductive)
• Soft, wide ear cushions with “snap-in” system attachment allows easy and convenient on the job replacement
• Strong & durable ABS cups feature a modern dual surface finish
• Contoured foam liner provide a generous space for outer ear
• Smooth telescopic adjustment
• Post and slim stirrup design provides standby and park positions, greater product stability and reduced risk of snagging

STANDARDS:
Certified to AS/NZS 1270:2002

SECURE NECKBAND
A versatile solution when you need hearing protection in conjunction with bump caps, safety helmets or other head wear.

KEY FEATURES:
• Colour coding for easy identification & performance selection:
  - Blue SECURE 1 (med noise)
  - Yellow SECURE 2 (med to high noise)
  - Green SECURE 3 (high noise)
• Flexible adjustable velcro anti-creep headstrap prevents slippage and makes it comfortable and “secure” to wear all day
• Di-electric (all components are non-conductive)
• Soft, wide ear cushions with “snap-in” system attachment allows easy and convenient on the job replacement
• Strong & durable ABS cups feature a modern dual surface finish
• Contoured foam liner provide a generous space for outer ear
• Slim stirrup design increases stability comfort and wear time
• Available in Hi Vis

STANDARDS:
Certified to AS/NZS 1270:2002

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SECURE 2 HI VIS
A higher visibility option for situations where hearing protection is required. A great companion to the entire work day.

KEY FEATURES:
• Class 5, SLC80 29dB(A)
• For Secure2 medium to high noise levels
• Soft comfortable ear cushions
• Easy to replace with Snap-in cushions
• Strong & durable ABS ear cups
• Smooth telescopic size adjustment
• Non-conductive construction
• Soft wide changeable head cushion
• Slim stirrup design with increased stability
• Contoured cut foam liners
• Hi Vis available in either a head band or neckband configuration

STANDARDS:
Certified to AS/NZS 1270:2002 (hearing)
Certified to AS/NZS 1337:1992 (eye protection)

SECURE EARMUFF VISOR POLYCARB
Used where hearing and face protection is required. Combines Secure 2 Headband earmuffs with a high impact polycarbonate visor.

KEY FEATURES:
• High impact polycarbonate visor
• Easy visor attachment
• Light weight and comfortable
• Stays firmly in place
• One hand lifting and lowering of visor

STANDARDS:
Certified to AS/NZS 1270:2002 (hearing)
Certified to AS/NZS 1337:1992 (eye protection)

SECURE EARMUFF VISOR MESH
Used where hearing and face protection is required. Combines Secure 2 Headband earmuffs with a nylon mesh visor.

KEY FEATURES:
• Nylon mesh provides protection from low impact particles
• Ideal for vegetation cutting and trimming
• Additional safety eye protection should be worn beneath the visor
• Easy visor attachment
• Stays firmly in place
• One hand lifting and lowering of visor

STANDARDS:
Certified to AS/NZS 1270:2002 (hearing)
Certified to AS/NZS 1801:1997 (head)

SECURE EARMUFF, MESH VISOR SAFTEY HELMET
The unique Protector Secure design allows you to easily mount a visor onto your Protector Brand Helmet. Suitable for work such as forestry & timber processing.

KEY FEATURES:
• Provides total head, eye, face and hearing protection
• Certified combination
• Easy to assemble
• Stable and well balanced
• Replaceable components

STANDARDS:
Certified to AS/NZS 1270:2002 (hearing)
Certified to AS/NZS 1801:1997 (head)

SECURE EARMUFF, MESH VISOR POLYCARB
Combines Secure 2 Headband earmuffs with a high impact polycarbonate visor.

KEY FEATURES:
• High impact polycarbonate visor
• Easy visor attachment
• Light weight and comfortable
• Stays firmly in place
• One hand lifting and lowering of visor

STANDARDS:
Certified to AS/NZS 1270:2002 (hearing)
Certified to AS/NZS 1337:1992 (eye protection)

PARTS

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<td>FCMD</td>
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EARMUFFS

EH8
The EH Series headband earmuff is a great companion to the entire work day. Colour coded for easy identification and classification. EH8 (blue) is suitable for medium noise situations.

KEY FEATURES:
• For low to medium noise situations
• Headband Class 4, SLC80 25dB(A)
• Neckband Class 5, SLC80 27 dB(A)
• Patented twin top headband design
• Reversible cups “park position”
• Suited to low to medium level noise
• Sliding arm adjustment
• Secure and comfortable fit
• Headband & cap attachable versions
• Replaceable sweat absorbers (EXCSA20)
• Hygiene Kit (EXKIT810)

STANDARDS:
Certified to AS/NZS 1270:2002

EH10
The EH Series headband earmuff is a great companion to the entire work day. Colour coded for easy identification and classification. EH10 (yellow) is suitable for medium to high noise situations.

KEY FEATURES:
• Headband Class 5, SLC80 28dB(A)
• Cap Attachable Class 5, SLC80 30dB(A)
• Patented twin top headband design
• Reversible cups “park position”
• Suited to medium to high
• Sliding arm adjustment
• Secure and comfortable fit
• Headband & cap attachable versions
• Replaceable sweat absorbers (EXCSA20)
• Hygiene Kit (EXKIT810)

STANDARDS:
Certified to AS/NZS 1270:2002

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The EH Series headband earmuff is a great companion to the entire workday. Colour coded for easy identification and classification. EH12 (green) is suitable for high noise situations.

**EH12**

**KEY FEATURES:**
- Headband Class 5, SLC80 30dB(A)
- Cap attachable Class 5, SLC80 31dB(A)
- Patented twin top headband design
- Reversible cups “park position”
- Suited to high level noise
- Sliding arm adjustment
- Secure and comfortable fit
- Headband & cap attachable versions
- Replaceable sweat absorbers (EXCSA20)
- Hygiene Kit (EXKIT812)

**STANDARDS:**
- Certified to AS/NZS 1270:2002

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**EARMUFF AND MESH VISOR**

Used where hearing and face protection is required. Combines EH10 Headband Earmuff with a nylon mesh visor.

**KEY FEATURES:**
- EH10 Series headband earmuff fitted with detachable nylon mesh visor
- Visor attachment arms allow lift up/down as one hand operation
- Clip on visor attachment for multiple use and easy replacement
- Rated SLC80 28dB(A), Class 5
- Secondary safety eye protection is recommended

**STANDARDS:**
- Certified to AS/NZS 1270:2002

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**EARMUFF AND POLYCARB VISOR**

Used where hearing and face protection is required. Combines EH10 Headband Earmuff with a polycarb visor.

**KEY FEATURES:**
- Class 4, SLC80 24dB(A)
- Lightweight
- General light industrial applications
- Simple size adjustment
- Economical choice for high turnover user
- Replacement cushions available

**STANDARDS:**
- Certified to AS/NZS 1270:2002
- Polycarbonate Visor

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**EMLU60 UNIVERSAL HEADBAND EARMUFF**

A comfortable, cost effective earmuff.

**KEY FEATURES:**
- Class 5, SLC80 26dB(A)
- Australian made
- Lightweight
- General light industrial applications
- Simple size adjustment
- Cost effective choice
- Replacement cushions available
- Universal (multi-position) Headband

**STANDARDS:**
- Certified to AS/NZS 1270:2002
TUNEUP

**ELECTRONIC EARMUFFS**

**EEHFVP FOCUS AM/FM HEADSET RECHARGEABLE**

Radio hearing protectors motivate the wearer especially when working in an isolated or repetitive job with activities where noise exists. The stereo AM/FM radio reception is of a high sound quality, volume limited to a maximum of 82dB(A) with units effective in most industrial work sites.

**KEY FEATURES:**
- AM/FM stereo radio that increases hearing protection wear time resulting in increased safety, productivity and staff welfare
- Latest digital technology - simple and reliable to use
- Voice prompt model available to confirm all selections
- Rechargeable long life battery and charger are supplied as standard equipment

**STANDARDS:**
- Certified to AS/NZS 1270:2002

**TUNEUP AM/FM**

Offers hearing protection whilst listening to your favourite radio program. Ideal for people working in isolated areas.

**KEY FEATURES:**
- Class 5, SLC80 30dB(A)
- AM/FM radio headset
- Powered by AA disposable batteries
- Ergonomic electronic controls
- No metal components (di-electric)
- Comes complete with audio cable
- MP3 Compatible

**STANDARDS:**
- Certified to AS/NZS 1270:2002

**INTOUCH ACTIVE LISTENING**

An easy to use hearing protector with active listening and sound input. Equipped with an active microphone so you can still communicate, hear warning signals and yet still be protected from noise.

**KEY FEATURES:**
- Class 5, SLC80 29dB(A)
- Easy to use
- Active Listening
- MP3 & 2-way radio compatible
- Powered by AAA disposable batteries
- 400 hour run time
- Ready for use
- Complete with audio & 2-way radio interfacing cables
- Flexibility to integrate with Protector head and face protection
- Cap Attached Coming Soon

**STANDARDS:**
- Certified to AS/NZS 1270:2002

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**PARTS AND ACCESSORIES**

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ALERT

While totally protected from excessive noise the wearer can hear warning signals, instructions and equipment operating in safely. Protector’s level dependant circuitry processes the surrounding sound, then amplifies it up by 16dB(A). Any sounds above 82dB(A) will be blocked out electronically to the passive performance of the hearing protector.

KEY FEATURES:
• Class 5, SLC80 30dB(A)
• Provides active listening to allow wearers to hear warning signals, communicate and be aware of their surroundings without being exposed to harmful noise
• Ideal for environments where impact noise exists eg, heavy fabrication, ship building, manufacturing
• Post and arm kit converts headset to cap attachable
• Charging socket allows interfacing with audio and 2-way communication equipment
• Tone control for improved listening comfort
• Rechargeable battery and charger included

STANDARDS:
• Certified to AS/NZS 1270:2002

FREE-COM

Self-contained radio hearing protectors that communicate at ranges of up to 2 kilometres. The radio operates at high frequency ‘free’ radio bands, which improves the headset’s ability to transmit near fixed objects. Immediate vicinity communication is possible as all products include level dependent electronics as standard.

KEY FEATURES:
• Headband with boom-microphone
• Class 4, SLC80 25dB(A)
• Suits noisy working environments where hearing protection and clear communication is required
• Production lines, manufacturing, arborists, railways and road operations
• Built in battery power source
• 6 channels
• Voice activated or Push to talk operation
• Boom microphone sensitivity setting
• Active listening
• Battery charger included
• Post and arm kit converts headset to cap attachable
• Allows communication up to 1.5 kilometres
• 433/443 Mhz frequency, clear and free to air

STANDARDS:
• Certified to AS/NZS 1270:2002

RAD-COM

The full range of portable / mobile radio handsets can be used with this product, the distance governed by the radio interfaced. Weight starts at 295 grams with various electronic options available.

KEY FEATURES:
• Connects to your two-way radio system
• Headband with boom microphone
• Class 5, SLC80 26dB(A)
• For use in noisy environments where 2-way radios and clear communication is required.
• Arm kit included converts headset to mount on Protector safety helmets (not HH or HF Series)
• Intrinsically safe & listen only options available
• Rechargeable long life battery and charger are supplied as standard equipment
• Radio sold separately

STANDARDS:
• Certified to AS/NZS 1270:2002

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