



Passive Hearing Protection

Guarding workers against the daily hazards of noise is of paramount concern in countless industries. The challenge is to balance personal attenuation devices with comfort. A worker who takes off hearing protection to rub sore ears is a worker at risk. MSA provides a wide selection of hearing protection designed for the most demanding applications, offers protection with a variety of Noise Reduction Ratings, and does it with the benefits of style and comfort. Noise Reduction Rating (NRR) is third-party certified in accordance with ANSI S3.19-1974, EN352 and meets CSA Class A. **Cap Model Noise Reduction Ratings listed below are for medium V-Gard helmets only. Noise Reduction Rating and Attenuation Values for MSA Topgard, Advance, Thermalgard, Vanguard II, Wildland T and Super-V slotted helmets may vary. Contact MSA for more information.**

Passive Hearing Protection

HPE—headband model	10061271
HPE—for slotted caps	10061272
Hygiene Kit for HPE, complete with cushions and inserts	10061291
EXC—headband model	10061229
EXC—for slotted caps	10061230
Hygiene Kit for EXC, complete with cushions and inserts	10061292
XLS—for slotted caps	10061535
Hygiene Kit for XLS, complete with cushions and inserts	10061537

HPE Muff (NRR – 26dB) HPE Cap Model (NRR – 27dB)

Designed specifically for very high noise levels, the powerful Muff/Cap Model is ideal for airfields, power plants and other areas with intense noise. The HPE Muff/Cap Model provides the highest-rated protection available for low-frequency environments. A padded headband and super-soft ear cushions guarantee all-day comfort while ensuring full-time protection.



EXC Muff (NRR – 24dB) EXC Cap Model (NRR – 25dB)

The ear muff is so comfortable that you always want to wear it. Unique injection molded inserts provide excellent attenuation and maximum space for the ears inside the cap. Headband model offers force adjustment for individual fit. The helmet-mounted version has a spring design that offers low pressure tension and a high level of comfort.



XLS Cap Model (NRR – 23dB)

Designed to fit comfortably under safety hardhats and faceshields, it features easy-to-remove ear cushions for quick cleaning and replacement. The XLS Muff offers aggressive "protection in low-moderate noise environments



HEARING PROTECTION

Soprano™ Muff (NRR-25dB) for Hats

Designed to fit all full brim hats, the Soprano Muff provides high-level hearing protection. (The Muff reduces helmet class to **Class "C"**.)



Economuff™ Line

Economuff Earmuff (NRR – 20dB)

The Economuff Earmuff comes with the features you expect from MSA hearing protection. Comfortable ear pads ensure all-day wearing without fatigue, and the durable design provides protection in tough, dirty environments. Lightweight at just 8.0 ounces.



Economuff Multi-Position Earmuff Over-the-Head (NRR – 24dB) Behind-the-Head and Under-the-Chin (NRR – 23dB)

The Economuff Multi-Position Earmuff comes with comfortable ear pads and padded headband to ensure all-day wearing without fatigue, and the durable design provides protection in tough, dirty environments.

- Extremely lightweight
- Multi-position (over head/ under chin/behind head)
- Includes crown strap



Comfort Band™ Hearing Protector (NRR – 23dB)

Designed to be worn under the chin, the MSA Comfort Band Hearing Protector is made with soft, easily cleanable pods and a durable plastic neck band. While not in use, the Comfort Band Hearing Protector can be left resting around your neck.



Sound Blocker™ 26 Hearing Protection (NRR – 26dB)

Designed for high noise areas such as industrial plants and construction sites, the Sound Blocker 26 comes in two models, one for use with the Defender faceshield frame and a non-slotted cap model.



Soprano Muff

Soprano Muff Kit for Full Hats (NRR 25)	10034487
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Economuff Line

Economuff Earmuff	10004291
Economuff Multi-Position Earmuff	10061273
Comfort Band, each (must order in multiples of 20)	10003344

Sound Blocker Cap Model

Sound Blocker 26 cap model (for Defender Faceshield Frame)	10026398
Sound Blocker 26 cap model* (for non-slotted caps)	10022021

Reusable Ear Plugs

Tri-Seal Reusable Silicone Ear Plugs (corded) Dispenser box (suitable for wall hanging) of 100 individ. packaged pairs	10005607
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Disposable Ear Plugs

Round Ear Plugs (NRR – 29dB)

FormFit Disposable Urethane Foam Ear Plugs (non-corded) Dispenser Box of 200 individually packaged pairs	10009333
FormFit Disposable Urethane Foam Ear Plugs (corded) Dispenser Box of 200 individually packaged pairs	10009332

* Tested on Comfo and Skullgard Helmets.

Reusable Ear Plugs

Tri-Seal™ Reusable Silicone Ear Plugs (NRR – 25dB)

Ruggedly designed, made of soft, comfortable silicone, these reusable ear plugs are easy to insert in the ear and economical. They offer protection comparable to many MSA earmuffs. Tri-Seal corded plugs are available in dispenser boxes of 100 individually packaged pairs.



Disposable Ear Plugs

FormFit™ Disposable Foam Ear Plugs

For users who prefer to dispose of their plugs after each use, the FormFit plug is the answer. Easy to use and affordable, FormFit ear plugs offer very aggressive noise reduction while being very comfortable to wear. Available in corded and uncorded versions, in dispenser boxes of 200 pair.



Electronic Hearing Protection

Guarding people against the daily hazards of noise is of paramount concern in countless industries. The challenge is to balance personal attenuation devices with comfort and the ability of communication and listening to music, so that workers will wear their hearing protectors all the time. With over 40 years of experience, MSA now offers a new wide range of hearing protectors with built-in electronics – from basic functions to high-specification communication devices. You have the choice between headband and helmet-mounted versions.

All products are comfortable hearing protectors, designed to prevent you from feeling isolated, thereby encouraging you to use them and so protecting your hearing for the rest of your life. Noise Reduction Rating (NRR) is third-party certified in accordance with ANSI S3.19-1974 and EN352-3. Also meets CSA Z94.2.



CutOff Slotted Cap Model on Advance Cap

Basic and Pro Line

The line features standard and advanced electronics with a very good price-to-performance ratio. Built-in features, such as FM and CutOff are optional.

ListenOnly Basic Headband Model (NRR – 24dB) ListenOnly Basic Slotted Cap Model (NRR – 22dB)

- External connection to CD, MP3-player or scanner
- Connection lead with 3.5 mm stereo jack included (fits most CD and MP3-players, etc.)
- The cable can be removed easily when not needed

FM Pro Headband Model (NRR – 24dB) FM Pro Slotted Cap Model (NRR – 22dB)

- Built-in radio receiver—stereo
- Scan stations automatically
- Memory for last selected station and volume
- Automatically switches off to save batteries
- Battery life of 120–140 hours

CutOff Pro Headband Model ((NRR – 24dB) CutOff Pro Slotted Cap Model (NRR – 22dB)

- Built-in level dependent function protects without your feeling isolated
- Lets through speech and other harmless sounds while protecting you from harmful noise
- Battery life of 1000 hours
- Amplification of weak sounds
- Auxilliary input for connection of external devices



FM Pro Headband Model



ListenOnly Basic Headband Model



CutOff Pro Headband Model

Electronic Hearing Protection

	ListenOnly Basic	FM Pro	CutOff Pro
Headband model	10061275	10061280	10061278
Slotted cap model*	10061277	10061281	10061279
Hygiene Kit	10061536	10061293	10061293
Sound quality	mono	stereo	stereo
Volume memory		—	—
Battery save function		—	—
Battery life (approx. hours)		120–140	300
Downloads for Basic and Pro Line			
3.5 mm Stereo Plug			10061538
3.5 mm Mono Plug			10061539
2.5 mm Mono Plug			10061540
Hands Free, 2.5 mm Stereo Plug			10062072

* fits V-Gard, Advance, Topgard & Thermalgard slotted caps

HEARING PROTECTION

Protection and communication with the Connect by Cable Series

Effective noise attenuation and amplification at the same time

Connect By Cable

A comfortable hearing protector equipped with a hard-wired lead (3.5 mm) and boom microphone.

- The standard Connect by Cable model comes with a hard-wired cable for connection to an MSA Push-To-Talk, or lapel microphone (No noise cancelling)
- Noise-cancelling boom microphone permits two-way communication with minimal interference from background noise
- Headband version comes with padded headband with adjustable pressure
- Muffs come with a hard-wired 3.5 mm cable adapter
- All MSA Helmet Communication System adapters will work with these muffs

Connect-by-Cable
Cap Model



Connect By Cable

Connect by Cable headband model (NRR – 25dB)	10064515
Connect by Cable slotted cap model (NRR – 23dB)	10064516
Hygiene Kit	10061293

Connect-by-Cable Earmuffs



Supreme Pro

Our top model. Provides optimum protection with high amplification, AUX input and watertight battery compartment. Both earmuffs are shaped to suit both right-handed and left-handed shots.

- Two separate, well-shielded microphones for optimum stereo effect and location of sound direction
- High amplification and natural sound reproduction without “chopping”
- Around 600 hours battery life with two standard AAA batteries
- AUX input for connecting external audio sources, such as a radio. Lead with 3.5 mm mono jack plug included



Supreme Pro

Supreme Pro headband model (NRR – 18dB)	10061285
Hygiene Kit	10061294