

Sordin Supreme™

THE LEGEND CONTINUES



SORDIN

The legend continues

Sordin Supreme is legendary in electronic hearing protection. No brand can match its mythical status as an essential part of any serious outdoor user's wilderness kit. More than 30 years after its first introduction, Sordin Supreme is more renowned than ever for its outstanding robustness and excellent ambient sound reproduction – and keeps attracting new generations of quality-aware users across the globe.

Sordin Supreme owes its superior-quality reputation to a unique set of benefits: safe hearing protection, ambient sound enhancement, extensive communications opportunities, and not least, reliability. It will never let you down, even in the harshest weather or user conditions.

Sordin Supreme was designed to keep on going where others don't. A genuine robustness intuitively sensed by anyone balancing it in their hands. A slim cup design offering you full freedom of movement, while – remarkably enough – providing excellent hearing protection. The tight feeling over the ears, without compromising on your comfort.

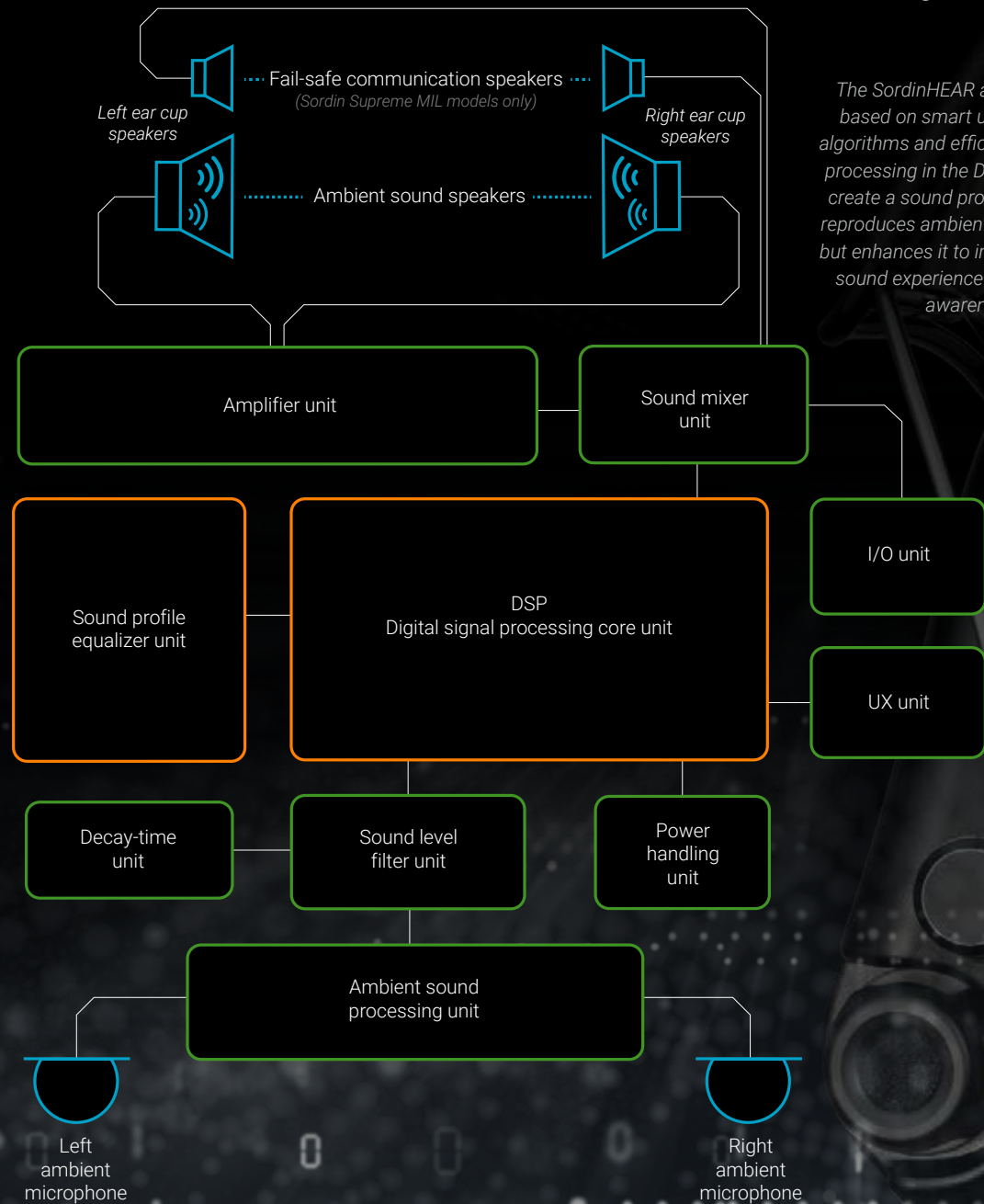
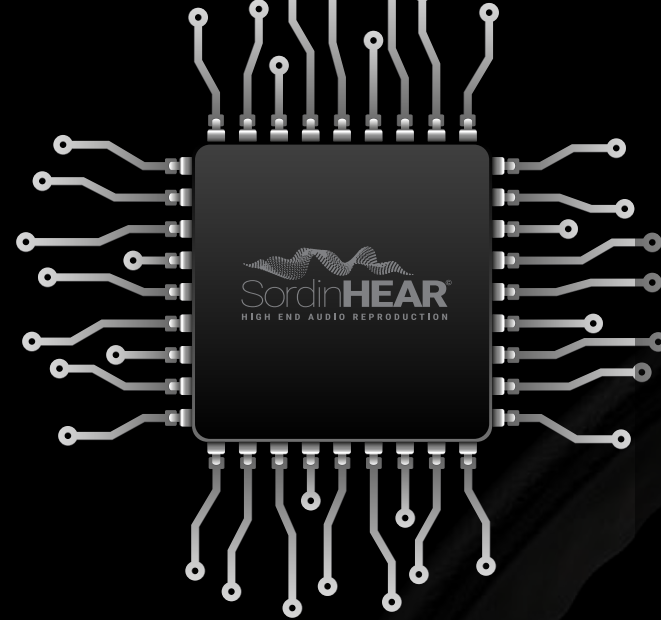
It's a set of qualities that may appear unique to any hearing protector. But it takes more to create a legend that spans generations and make users remain loyal to a brand, decade after decade.

What it really comes down to is Sordin Supreme's *excellent sound reproduction*. Based on the SordinHEAR™ audio system, this hearing protector sharpens all your senses and boosts your performance. And that's how myths are created.



SordinHEAR™

The sound of science



The SordinHEAR audio system is based on smart use of software algorithms and efficient digital signal processing in the DSP. This helps to create a sound profile that not only reproduces ambient sound naturally, but enhances it to improve the user's sound experience and situational awareness.

At the heart of Sordin Supreme's legendary sound reproduction is the SordinHEAR™ audio system. The idea behind the concept is to create a sound image so natural it's like not wearing a hearing protector at all. Allowing you to hear surrounding sounds through your ear cups the way they actually sound – in fact, even enhanced. Until a noise peak strikes, that is, then advanced sound compression technology activates instantly to safely protect your hearing.

What places Sordin Supreme in a class of its own is its unique audio reproduction. Like most electronic hearing protectors, it uses digital technology to compresses noise to a safe level while allowing harmless sounds to pass through the cups on their way to your ears. Only, it does it so much more efficiently and innovatively.

Using smart algorithms, we managed to make optimal use of the opportunities provided by advanced ambient audio technology. With Sordin Supreme, you'll hear the sounds you want to hear, and you'll hear them clearly and naturally, while harmful noise peaks are safely compressed.

After the first introduction of Sordin Supreme in 1998, the SordinHEAR audio system has been continuously refined to give the hearing protector its market-leading audio reproduction capabilities. At Sordin, we're proud of the possibilities our flagship product offer users across the globe, but we're never content.

Because SordinHEAR is never really completed. Instead, we also strive to gradually improve the technology to create the perfect sound experience – with new software upgrades continually released to keep pushing audio reproduction quality forward – for new and existing Sordin Supreme hearing protectors.

SUPERIOR AUDIO REPRODUCTION

Enhancing your hearing

Sordin Supreme is more than a hearing protector. It's a hearing enhancer, which allows you to pick up even very weak sounds that would otherwise be inaudible to you, and even give you a precise sense of the location of the sound source. While, of course, compressing harmful noise peaks to safe levels to protect your hearing.

The capability to enhance hearing makes quality-aware users return to Sordin Supreme generation after generation. Because they know that enhanced hearing will improve their overall performance, regardless of their profession or activity.

You'll pick up even extremely weak sounds that may be vital to your performance and personal safety, and immediately sense where they are coming from and from how far. This keeps you on your toes, whether to react fast to imminent danger or to maintain your sense of location even in a noisy environment.

Sordin Supreme uniquely manages a wide range of sound pressures and rapid changes from weak to loud sounds and vice versa, while always maintaining a high audio reproduction quality. When it's quiet around you, it's quiet in your cups, too, without disturbing white noise. When someone talks next to you, you'll hear them clearly without cutting and chopping.

But when a noise peak suddenly strikes, you'll hear it so muzzled you can safely carry on with your business. And you will have normal sound experience back immediately after the peak, adding further to the natural sensation.

Amplification of weak sounds

Many electronic hearing protectors enable ambient sound reproduction. Some even amplify the surrounding sound effectively. But for amplified ambient sound reproduction to be useful and comfortable for you, it must also keep down white noise so that you'll clearly discern any important sound. Here's where Sordin Supreme truly excels.

Superb directional sensitivity

Not only does Sordin Supreme pick up even the weakest sound, it helps you tell precisely where it comes from. The excellent directional sensitivity is the result of high-sensitive ambient sound microphones and advanced digital signal processing, giving you an immediate sense of both direction and distance to the sound source.

Short decay time

You need safe protection from noise peaks, and the sound compression necessary must remain active for as long the peak lasts. But then you want your normal hearing experience back as soon as possible. Sordin Supreme has a very short decay time, i.e. the time it takes to restore the sound image after a noise peak – adding further to the natural sound image.

ROBUSTNESS IN ITS DNA

Going where others don't

Originally developed for military use, robustness was not an option but a strict requirement with Sordin Supreme. So, balancing audio reproduction excellence with durability and longevity was built into the heart and soul of Sordin Supreme – right from the start.

Even the most sublime sound experience won't matter if the equipment should fail. Especially with a product designed specifically for heavy-duty use in harsh outdoor environments, where demands for functional integrity are the highest – even essential to personal safety and communications capabilities.

We don't normally associate our electronic devices with sturdiness and functional integrity. However, with Sordin Supreme, digital advancement and mechanical robustness have gone hand in hand since day one – and is a key explanation to its international success.

Sordin Supreme owes its superior ruggedness to a simple yet ingenious original design, considering every conceivable aspect relevant to reliability and longevity. Its securely protected electronics, its absolute waterproofness, its extremely high impact resistance, its non-corrosive external metal materials. Just to mention a few.

Robustness is in its DNA, a legacy that continues to this day. So, you can trust it won't let you down, however harsh you, or the elements, are on your Sordin Supreme.

Durable cups

The flat and slim cups, made of durable ABS plastic, are highly impact resistant – yet flexible enough to retain their shape across a wide temperature range. The cups don't become brittle even at very low temperatures – a legacy attributed to Sordin Supreme's Swedish origin.

Non-corrosive materials

Every external metal part is made of non-corrosive materials such as brass or stainless steel. What visually stands out is the rugged stainless-steel screw that hermetically seals off the completely waterproof battery compartment.

Robust software

Yes, software robustness matters too! Knowing what it takes to stay clear of bugs and corrupt code, we developed the software ourselves, based on extensive experience. The basic principle: use as much finesse as it takes to build great functionality, but don't overdo it to avoid the risk of failure. It works!

Conformal coating

The failsafe electronics, designed specifically for high shock and vibration proofness, are key to Sordin Supreme's legendary reliability. Several layers of coating (topped by additional polymer layers on MIL models) give the electronics outstanding long-term moisture protection.

EXTERNAL COMMUNICATIONS CAPABILITIES

Always on full team alert

The Sordin Supreme MIL-graded models were designed specifically for professional team intercom in extreme heavy-duty operation in harsh environments. These models allow you to perform your tasks with maximum efficiency through safe hearing protecting, excellent sound reproduction and failsafe radio communications.

MIL models take Sordin Supreme's legendary ruggedness to the extreme. It's what makes them first choice for all sorts of team activities – from essential infrastructure construction work to tactical police and fire-fighting operations. All characterized by stringent demands for reliability and durability, and where MIL grading of equipment is a prerequisite.

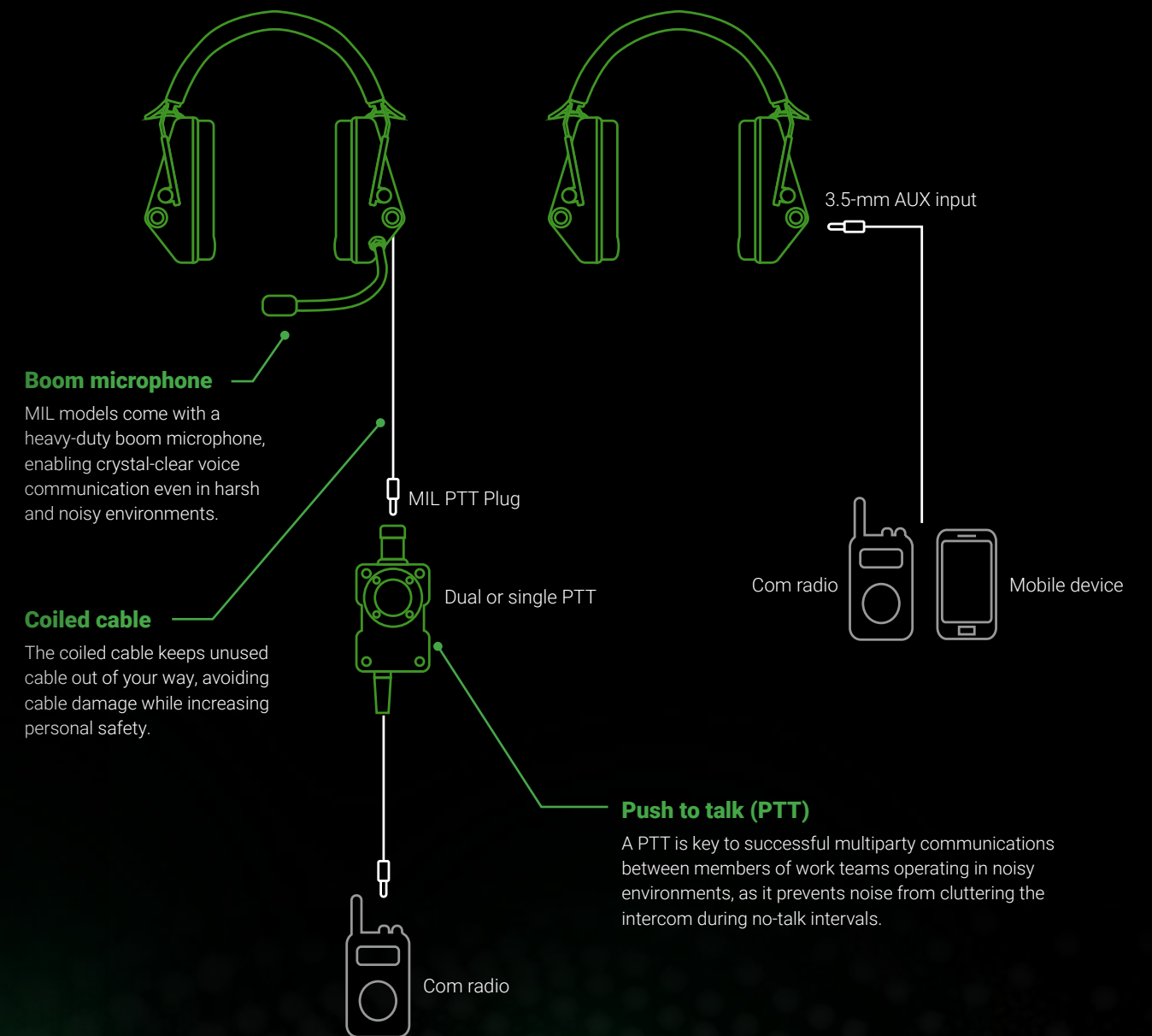
Many of these user groups also share an absolute requirement for uninterrupted team intercom. The audio reproduction must be of high quality and never fail, as clear and uninterrupted voice communications are crucial to safe and efficient operations.

Sordin Supreme MIL is sure to keep your external 2-way radio or other communications system 'always on', including its integrated boom microphone and connected push-to-talk (PTT) device, even in very harsh environments or user situations. Radio frequency interference capability also comes as standard with all Sordin Supreme MIL models.

Any potential weak spot occurring in regular hearing protector design has been reinforced by specially designed heavy-duty components – including the boom microphone, cable connections and push-to-talk (PTT) accessories. Of course, all Sordin Supreme MIL models are water resistant according to MIL classification.

Sordin Supreme MIL

Sordin Supreme



Some legendary features

The image below is a manipulated collage of different Sordin Supreme models and configurations. For a full product overview, see page 14–15.

5-year warranty

Sordin Supreme Pro-X (including LED) models come with an extended 5-year warranty.

Cup design

Depending on model, you can choose between different cup colors/patterns.

Sound quality

Excellent amplification, directional sensitivity and sound-quality reproduction without chopping, cutting out or disturbing white noise.

Slim and robust design

The unique robustness ensures reliability and longevity even in heavy-duty environments. A slim cup design offers excellent freedom of motion.

Leather/textile headband

Selected Sordin Supreme Pro-X models are available with a detachable and washable textile headband.

Internal loudspeakers

A loudspeaker in each cup reproduces external sound. MIL models come with an additional pair of communication loudspeakers that continue to work even when the batteries are out.

RFI protection

Built-in radio frequency interference (RFI) protection using metal shielding of sensitive electronics for interference-free intercom (MIL models only).

AUX input

Add auxiliary equipment of choice via a standard 3.5-mm input connection – including radio, communications equipment, cellphone or external boom mic (Pro and Pro-X models only).

Water resistant

Battery compartment, external microphones and electronics (polymer covered) are fully waterproof (all models except Basic).

Integrated LED light

The flagship Pro-X LED model features a built-in LED light that you switch on/off easily.

External microphones

Two high-sensitivity microphones, one on each cup, provide normal surround hearing and optimal directional sensitivity.

Gel rings

The tightly noise-sealing and comfortable gel rings let you keep your hearing protector on all day (standard with Sordin Supreme Pro-X LED).

Integrated boom microphone

Noise-cancelling boom microphone with a heavy-duty downlead, providing high noise reduction with a slim design (MIL models only).

Connect-to-cable (CC)

Connect an external 2-way radio system or a push-to-talk device via a built-in cable (Sordin Supreme MIL CC models only).

Ambient sound

Stay connected with your surroundings and talk to people around you in normal conversational voice without removing the hearing protector.

Headband or neckband

Selected Sordin Supreme Pro-X and MIL models are also available in neckband version for convenient use with e.g. a helmet.

The Supreme menu

For more products/models/colors/accessories, see www.sordin.com



Sordin Supreme Basic
green cups | plastic headband



Sordin Supreme Basic AUX
green cups | plastic headband



Sordin Supreme Pro
green cups | leather headband



Sordin Supreme Pro-X
green cups | camo headband



Sordin Supreme Pro-X
green cups | leather headband



Sordin Supreme Pro-X
black cups | textile headband



Sordin Supreme Pro-X
black cups | leather headband



Sordin Supreme Pro-X
ember cups | leather headband



Sordin Supreme Pro-X Neckband
green cups | nylon neckband



Sordin Supreme Pro-X Neckband
black cups | nylon neckband



Sordin Supreme Pro-X LED
green cups | camo headband



Sordin Supreme Pro-X LED
camo cups | camo headband



Sordin Supreme Pro-X LED
blaze cups | leather headband



Sordin Supreme Pro-X LED
black cups | leather headband



Sordin Supreme MIL CC
black, sand or green cups | leather headband



Sordin Supreme MIL CC Slim
black, sand or green cups | leather headband



Sordin Supreme MIL CC Helmet
black, sand or green cups



Sordin Supreme MIL CC Neckband
black, sand or green cups | nylon neckband



Sordin Supreme MIL AUX Slim
black, sand or green cups | leather headband



Sordin Supreme MIL AUX Helmet
black, sand or green cups



Sordin Supreme MIL AUX Neckband
black, sand or green cups | nylon neckband



Sordin PTT Dual
black | (MIL CC models only)



Sordin PTT Single
black | (MIL CC models only)



Sordin Nexus PTT
black | (MIL CC models only)



SORDIN

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