Sordin **Tactical**

2022



SORDIN

SORDIN SUPREME MIL

The legend continues

Ever since its first introduction in the 1990s, Sordin Supreme MIL has been dominating the international military hearing protection and team intercom arena. Its superb audio reproduction and extreme ruggedness have made the hearing protector first choice for leading military organizations worldwide. Although continuously refined and upgraded, Sordin Supreme MIL maintains its legendary original design to this date. A design focused entirely on protecting the hearing of combat soldiers in the field – while supporting their tactical individual and teamwork performance.

QUALITY THROUGHOUT

Always on full team alert

Everything must work to perfection in a sharp tactical situation. Failsafe radio communication. Amplification and directional sensitivity helping you locate weak sounds. The boom mic picking up even the faintest whisper with perfect clarity. All delivered reliably by Sordin Supreme MIL, even after weeks on end in harsh conditions. Like any MIL-graded standard equipment, your safety and success depend on your hearing protector and its capability to deliver optimal functionality – so that you can perform at your best when it matters the most.



Slim cup design
Slim cup design to fit both left-hand and right-hand shooters.

MIL grading
Applicable tests made in accordance with MIL standard MIL-STD-810.

Enhanced hearing
High amplification and natural sound reproduction without chopping or cutting out.

Many variants
Made for all kinds of military use and situations. Available in headband, neckband or helmet-mounted versions.

Communication
Full com radio support, heavy-duty boom microphone and push-to-talk (PTT) cable connections.

Hearing protection
Noise-level limitation, max 82 dB(A). Two loudspeakers in each cup, one for surround hearing and one for radio. Communication works even when batteries are out.

Long-life battery
Low battery warning (40 hrs remaining), auto shutdown after 4-h idle time, battery life time 600 h.

Robust design
Waterproof battery compartment and ambient sound microphones, polymer-covered electronics for maximum moist resistance.

AUDIO SUPREMACY

Your competitive edge

Turn hearing into your competitive edge in the field. Sordin Supreme MIL's perfect sound reproduction allows you to pick up even extremely weak sounds using sensitive microphones and sophisticated digital signal processing. Being able to determine both the distance and the direction to a faint sound source faster than the enemy may prove the difference between success or failure. Independent studies show that Sordin Supreme MIL outperforms comparable hearing protectors in terms of natural sound reproduction and directional sensitivity.

RELIABLE COMMUNICATION

Failsafe team intercom

Most tactical units share an absolute demand for uninterrupted intercom. Their hearing protector must deliver failsafe intercom and guarantee sensitive audio uptake to ensure discreet voice communication. Sordin Supreme MIL will reliably convey your unit's intercom traffic between team members thanks to a strong chain of components – from the robust electronics to the specially designed heavy-duty boom microphone and push-to-talk (PTT) device. RFI protection is built into Sordin Supreme MIL to ensure interference-free communication.



Every component of Sordin Supreme MIL's communication technology was designed and manufactured based on stringent requirements for maximum reliability. Because there is no room for cutting or chopping of commands in a tactical situation. Perfect sound reproduction and failsafe team intercom are at the heart of Sordin Supreme MIL.



MIL GRADING

Robustness beyond demand

Sordin Supreme MIL was designed for use in the most demanding tactical operations, where equipment MIL grading is a prerequisite – offering outstanding waterproofness, robustness and wear resistance. Its cups are made of ABS plastic, which is highly impact resistant yet flexible enough to withstand extreme temperature variation. While all models are water resistant according to MIL classification, extra care has been put into ensuring the battery compartment will always remain free of water intrusion – a rugged screw made of stainless steel efficiently seals this highly exposed and vital component.

Two sets of speakers

Besides ambient-sound speakers, an extra set of failsafe communication speakers ensure uninterrupted communication even when batteries are out.

Tight sealings

A rugged stainless-steel screw, safety-chained to the cup, seals off the completely waterproof battery compartment, protecting the circuits and electronics.

Robust software

Like the electronics, the self-developed software was designed with simplicity and robustness in mind, eliminating the long-term risk of bugs or corrupt code.

Conformal coating

Several layers of coating, topped by an additional layer of polymer, give the electronics outstanding long-term moisture protection.

Non-corrosive materials

Every external metal part is made of non-corrosive materials such as brass or stainless steel to ensure maximum longevity.

TRAINING PRODUCTS

For the shooting range

Besides MIL products, the Sordin Supreme family includes non-MIL-graded electronic products with similarly excellent noise attenuation and audio reproduction capability. These models come without a built-in boom microphone and RFI protection, yet with full waterproofness and design robustness, and are thus a suitable complement to MIL models for less extreme user situations such as shooting training, or indoor or outdoor tactical training. Like MIL models, Sordin Supreme non-MIL-graded products come in headband and neckband versions.





Sordin Supreme Pro-X Headband

This high-end civilian model share many of the benefits with its MIL-graded siblings – the natural sound reproduction, the directional sensitivity and the slim, rugged cup design. It even has a 3.5-mm AUX input for com radio connection – making it the perfect complement for the shooting range.



Sordin Supreme Pro-X Neckband

The neckband version has the same feature specification as the headband version, while opening up for use with a helmet – a cost-effective complement to Sordin Supreme MIL helmet-mounted versions for the shooting range and for light-duty indoor or outdoor tactical training.

SECURE SUPPLY

A leading, global provider

As a global high-end hearing protector provider, Sordin has a well-established production system and distribution network. We have a record of providing leading military organizations with hearing protectors in large volume. Sordin Supreme MIL is manufactured at our modern, high-capacity facility in Värmamo, Sweden, and distribution is managed by a global network of distributors covering all major international markets. We can therefore deliver in large volumes with short delivery times and high precision. A partnership with Sordin also involves a high-quality service offering and dependable warranty and return management.

Quality of Sweden

Originating from the 1990s, Sordin Supreme MIL was designed in close co-operation with military advisors. To this day, the hearing protector is manufactured by Sordin in Sweden, a country famous for its strong engineering tradition – paired with innovation and quality excellence.

High production capacity

As a long-term provider to major military organizations worldwide, Sordin is a secure choice of supplier. We can manufacture in large quantities and offer to customize products according to customer specification. We keep a running stock to meet demands of rapid product availability.

Global supply network

Sordin has an extensive global network of trusted distributors, which covers all major international markets. This ensures fast worldwide deliveries and we have a solid reputation of short lead times, high delivery precision and friendly, helpful service and customer support.

PUSH-TO-TALK BOXES

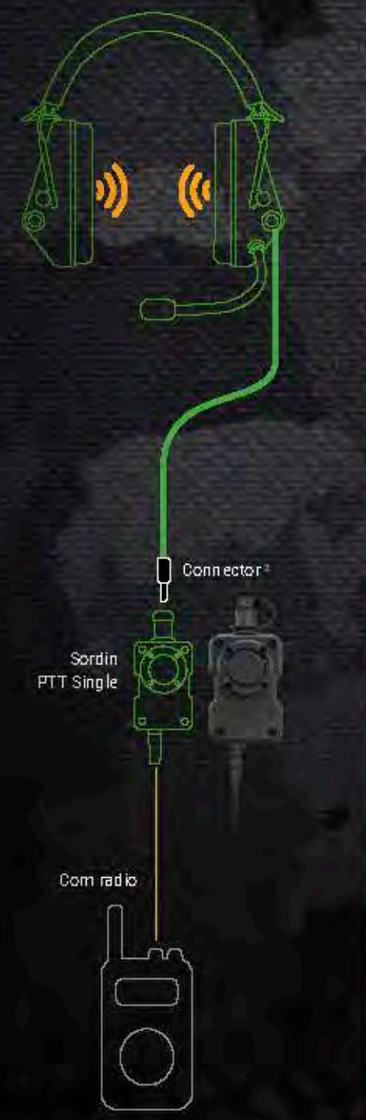
Single or dual com radio connection

Sordin Supreme hearing protectors are complemented by an extensive range of push-to-talk (PTT) solutions for interconnection with one (single) or two (dual) com radios, all available in splash- or water-proof [1] versions. In addition to our self-developed Sordin PTT Single and Dual, we offer the single-radio Sordin Nexus PTT. Selected Sordin Supreme models come with a 3.5-mm AUX input for connection of an external radio system.



Two radios – Sordin PTT Dual

Sordin PTT Dual connects two radios to your hearing protector. Depending on connector type, you can choose to have both radios in both cups, or have the signals separated to each cup for simplified communication.



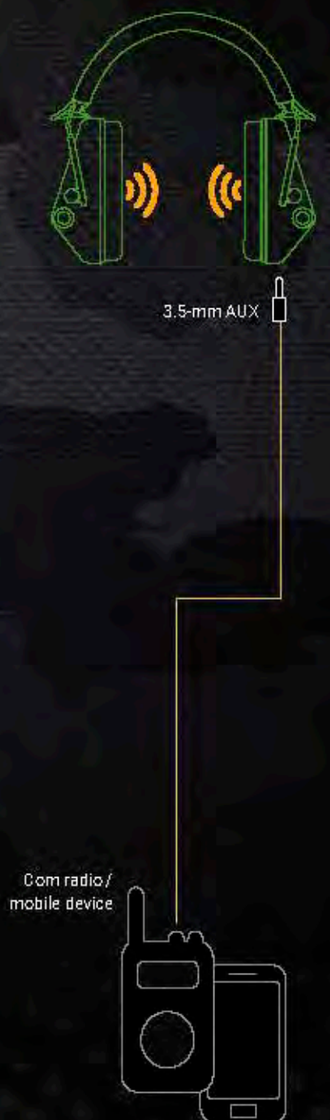
One radio – Sordin PTT Single

A rugged single com PTT box for use with one com radio or mobile device. The large, easily accessible PTT button makes communication easy. Comes as a complete assembly with headset connector, downlead and radio interface.



One radio – Sordin Nexus PTT

A single com PTT system with a compact and rugged housing. It has a splash proof black body with a robust click switch and a clip for attaching to clothing. Complete with headset connector, downlead and radio interface.



One radio or mobile device

Selected Sordin Supreme models come with a 3.5-mm AUX input for direct connection of an external com radio system or a mobile device, instead of a pre-installed downlead for PTT connection.

[1] Water-proof versions available in 2022.

** Sordin Supreme supports a wide variety of com radios depending on model or configuration. The chart shows the principle of connecting external radio systems using a push-to-talk box or 3.5-mm AUX input (selected models only). See p.18–19 for more information or contact Sordin for a full list of radio-connectivity options.*

Select your Supreme

[1] Sordin Supreme MIL CC supports most radio systems in the market. For detailed information, see www.sordin.com/supreme

Feature	 Supreme MIL CC	 Supreme MIL CC Slim	 Supreme MIL CC Helmet	 Supreme MIL CC Neckband	 Supreme MIL AUX Slim	 Supreme MIL AUX Helmet	 Supreme MIL AUX Neckband	 Supreme Pro-X	 Supreme Pro-X Neckband
Item no – Black	75333-S	74333-S	72333-S	76333-S	74309-04-S	72309-04-S	76309-04-S	75302-X/L-02-S	76302-X-02-S
Item no – Sand	75333-05-S	74333-05-S	72333-05-S	76333-05-S	74309-05-S	72309-05-S	76309-05-S		
Item no – Green	75333-06-S	74333-06-S	72333-06-S	76333-06-S	74309-06-S	72309-06-S	76309-06-S	75302-X/L-S	76302-X-S
Headband / neckband material	Leather	Leather	n/a	Nylon	Leather	n/a	Nylon	Leather	Nylon
Rails:	n/a	n/a	ARC	n/a	n/a	ARC	n/a	n/a	n/a
Foldable headband	●	●	n/a	n/a	●	n/a	n/a	●	n/a
Sound quality	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo
Sound limitation <82 db(A)	●	●	●	●	●	●	●	●	●
Water resistance	●	●	●	●	●	●	●	●	●
Temperature range – operational	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C
Temperature range – storage	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C
3.5-mm AUX input (mono cable 3.5-mm included)	n/a	n/a	n/a	n/a	●	●	●	●	●
Integrated boom mic and cable for PTT/radio	●	●	●	●	n/a	n/a	n/a	n/a	n/a
Environmental listening / ambient sound	●	●	●	●	●	●	●	●	●
Additional speakers (if batteries don't work)	●	●	●	●	n/a	n/a	n/a	n/a	n/a
Memory volume setting	●	●	●	●	●	●	●	●	●
Automatic shutdown after 4 hrs	●	●	●	●	●	●	●	●	●
Low-battery warning	●	●	●	●	●	●	●	●	●
Warranty	According to terms	According to terms	According to terms	According to terms	According to terms	According to terms	According to terms	5 years	5 years
MIL-STD-810	●	●	●	●	●	●	●	n/a	n/a
RFI protection	●	●	●	●	●	●	●	n/a	n/a
Batteries, 2 x AAA/LR03	2 x AAA/LR03	2 x AAA/LR03	2 x AAA/LR03	2 x AAA/LR03	2 x AAA/LR03	2 x AAA/LR03	2 x AAA/LR03	2 x AAA/LR03	2 x AAA/LR03
Estimated battery lifetime (hrs)	600	600	600	600	600	600	600	600	600
Weight excluding batteries (g)	394	368	???	391	368	411	277	330	277
Volume amplification steps	5	5	5	5	5	5	5	6	6
Amplification (dB)	10	10	10	10	10	10	10	10	10
SNR (dB)	26	26	???	25	26	26	26	25	24
NRR (dB)	21	21	???	20	21	n/a	n/a	19	19
Accessories									
Hygiene kit, foam rings	60089-S	60089-S	60089-S	60089-S	60089-S	60089-S	60089-S	60089-S	60089-S
Hygiene kit, gel rings	60092-S	60092-S	60092-S	60092-S	60092-S	60092-S	60092-S	60092-S	60092-S
Sordin PTT Dual (water proof / splash proof) [1]	75909-XXX / 75907-XXX	75909-XXX / 75907-XXX	75909-XXX / 75907-XXX	75909-XXX / 75907-XXX	n/a	n/a	n/a	n/a	n/a
Sordin PTT Single (water proof / splash proof) [1]	75908-XXX / 75906-XXX	75908-XXX / 75906-XXX	75908-XXX / 75906-XXX	75908-XXX / 75906-XXX	n/a	n/a	n/a	n/a	n/a
Sordin Nexus PTT (splash proof) [1]	75903-XXX	75903-XXX	75903-XXX	75903-XXX	n/a	n/a	n/a	n/a	n/a


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