

Sordin Supreme™ X2^{BT}

Hunting and shooting hearing protection perfected



SORDIN
EMBRACE NOISE

 **Bluetooth®**

HUNTING AND SHOOTING
HEARING PROTECTION PERFECTED

Evolution completed

The new Sordin Supreme X2^{BT} is out. It features everything users have learned to appreciate in a genuine Supreme – and more. This first-class Bluetooth™ product for hunting and shooting is a whole new take on this legendary brand.

It has been a long time coming and now it is finally here – Sordin Supreme X2^{BT}, our new premier-class Bluetooth hearing protector for hunting and shooting. It has a high attenuation value and supports wireless connection to most popular hunting and 2-way radios in the market*. A true game changer.

We built X2^{BT} from the ground up, aspiring for nothing short of perfection. We developed every component from scratch, allowing X2^{BT} to deliver even better on traditional Supreme values such as excellent sound quality, problem-free operation and long lifetime.

The new hearing protector is based on the SordinFLEX™ modular design platform. It is a new and innovative way of looking at product development. As far as we know, X2^{BT} is the first fully modular hunting hearing protector, allowing you to easily reconfigure it using SordinFLEX accessories.

X2^{BT} is unlike any other hearing protector today. We can't imagine a more technically advanced, yet robust and durable, product. Not today, nor in many years to come. It's simply hearing protection perfected. Evolution completed.



Sordin Supreme X2^{BT} is our new Bluetooth™ hearing protector for hunting and shooting. It is prepared for use with the X2 Flex Com BT boom microphone for sensitive audio pickup and is reconfigurable using SordinFLEX™ accessories.

* A list of supported radios will be available on sordin.com later in 2024.

Sordin Supreme

Hunting and shooting hearing protection perfected



X2^{BT}





Design freedom

Would you like your X2^{BT} with a headband or a neckband? Gel or memory foam sealing rings? With or without a boom mic? No worries, you can always redesign your hearing protector later using accessories from the SordinFLEX component range.

SordinFLEX is our new, modular design platform. The idea behind the concept is to create a new level of design flexibility by combining a set of detachable standard components. This makes it easy to replace components as they wear out and thus further extend the already long lifetime of X2^{BT}.

The modular design of X2^{BT} also lets you reconfigure your hearing protector. You can, for example, change a headband model into a neckband version – and change it back whenever you like. All you need to do is to complement with an X2 Neckband suspension kit or, of course, conversely from neckband to headband version using an X2 Headband.

It is easy to change between configurations. We designed a simple bayonet mechanism that lets you replace the suspension kit without using tools. You can therefore bring the extra component with you to the field or shooting range and reconfigure your product at will – maximizing the design freedom of Sordin Supreme X2^{BT}.



X2 Headband

Rugged suspension design with an optional fixed leather or detachable textile cover. It is easy to detach the assembly from the cups for replacement or for reconfiguration to an X2^{BT} neckband version. Foldable headset for compact storage.

X2 Neckband

The robust neckband and head strap designs ensure a tight yet comfortable fit over the head. Complete neckband and cup suspension assembly available as accessory, allowing you to reconfigure your X2^{BT} from headband to neckband version.

X2 Textile Headband Cover

Replacement part for X2^{BT} headband versions. Made of a durable textile material and easy to attach/detach using a velcro strip. Prepared for protective cable routing inside the textile cover.

X2 Flex Com BT

Noise-cancelling communication kit, resistant to moist or particle infusion. Detachable boom mic with an integrated AUX connector for flexible mounting (left or right). Available as accessory.

X2 Sealing Rings Gel

Sordin Supreme X2^{BT} comes with sealing rings made of silicone gel as standard, offering effective and comfortable noise attenuation. Available as accessory as part of Sordin's gel hygiene kit along with attenuation inserts.

X2 Sealing Rings Memory Foam

Sealing rings made of memory foam available as accessory. Replacement rings are included in Sordin's memory foam hygiene kit along with attenuation inserts.

Sharpening your senses

Perfect ambient sound is crucial to safety in the field. You need to hear sounds around you to safely assess the situation, while being protected against gunfire noise. Did you also know that X2^{BT} can help make you a better hunter?

Sordin Supreme is famous for its superb ambient sound quality. Ambient sound is a useful function built into most electronic hearing protectors, allowing you to hear harmless sounds while wearing your hearing protector. Only, X2^{BT} does it so much better thanks to the SordinHEAR2TM audio system.

You want ambient sound to be as natural as possible. Ideally, like not wearing a hearing protector at all. A high directional sensitivity is also important to accurately assess the direction to a sound source. You also want a short decay time to have the normal ambient sound image back immediately after a shot. These are all benefits that set X2^{BT} apart in hunting and shooting hearing protection.

Use Earplug mode by combining your X2^{BT} with Sordin InEar ear plugs. This boosts the total SNR value to a certified level of up to 40 dB depending on headset configuration and type of ear plug. Even at this extremely high attenuation, it is possible to maintain a degree of ambient sound support by selecting the high-gain Focus audio profile.



Audio profiles

Our hearing is sensitive to different sound levels and frequencies. The SordinHEAR2 audio profiles are pre-set listening modes, which optimize your sound experience by adapting the gain and frequency to typical hunting or shooting situations. You switch easily between profiles and each selection is confirmed by voice feedback.



Hunter

The normal audio profile for general purposes. Gain and frequency are set at normal levels in order to mimic natural ambient sound and to balance situational awareness and comfort.



Shooter

A comfort profile with reduced gain and a narrower frequency spectrum. Perfect at the shooting range when situational awareness and ambient sound are of secondary importance.



Focus

Increased gain and frequency spectrum, allowing you to pick up weak sounds. Or, use Focus together with Sordin earplugs for extra high attenuation while maintaining a degree of ambient sound (Earplug mode).



Ambient off

Ambient sound is deactivated and your X2^{BT} uses passive hearing protection only. However, communication is still activated, making Ambient off suitable for e.g. motorized transportation.

STAY CONNECTED

Perfect voice quality

If you are in a hunting team, you know the importance of crisp and reliable voice communications. Staying connected is just as important when you're alone in the forest. Another good reason to go for highest sound quality when selecting hearing protector.

It goes without saying that high-quality voice communications is important to safety in hunting. There is no room for choppy sound, cutting out or other audio problems, whether you are hunting alone or are part of a hunting team in the forest. Excellent voice quality is simply a primary selection criterion in a hunting hearing protector.

But even the finest sound quality is useless without a reliable audio reproduction. You must be able to trust your hearing protector to deliver even when subjected to harsh weather or rough treatment in the field. With X2^{BT}, you will enjoy that rare combination of high-quality and extreme ruggedness, from cup durability to software robustness.

We secured the integrity of every X2^{BT} component. We sealed the battery compartment hermetically. We coated the circuit board many times over for highest moist resistance. We even wrote the software ourselves with maximum robustness in mind. All to ensure you can rely on uninterrupted communications at all times.



Enjoy the wireless freedom of X2^{BT}. The hearing protector comes with support for Bluetooth. It is easy to connect and establish a reliable wireless connection to a hunting radio, 2-way radio or mobile phone.

X2 Flex Com BT Communication Kit

This detachable boom microphone is available as an accessory to X2^{BT}. The sensitive noise-cancelling mic makes it possible to speak in a low voice and still come out clearly even in noisy environments. Easy to attach using dual mic inputs for a left or right-hand mounted mic.



A SELECTION OF

Features perfected



Wireless connection

Integrated Bluetooth support enables easy and reliable wireless connection to a hunting radio, 2-way radio or mobile phone.

Water resistance

The battery compartment, ambient microphones and electronics are waterproof. Tightly sealed, the battery compartment is protected against sand or other particle intrusion.

Impact resistance

The X2BT is highly impact resistant. The cups are made of durable ABS polymer, balancing hardness with ductility to avoid brittleness in cold weather.

Protected electronics

The electronics are designed to withstand shock and vibration. Moisture resistant circuit boards thanks to multiple layers of protective coating.

Easy suspension replacement

It is easy to attach/detach the headband or neckband suspension kit – even in bad weather or when wearing gloves. A bayonet coupling lets you remove the kit without using any tools.

Robust software

Our software is secured against bugs or corrupt code. We write all code ourselves to maintain absolute control of every line of code, thus ensuring the quality of all electronic functions.

Battery compartment

The tightly sealed battery compartment cover ensures full waterproofness. The cover has a bayonet coupling for easy opening/closing and is equipped with a safety wire for secure handling.

SNR 29dB

High attenuation

Sordin Supreme X2BT effectively attenuates steady-state noise as well as impulse noise from firearms. The SNR value is up to 29 dB depending on model and type of sealing rings, and the noise level inside the cups is limited to max 82 dB.

Earplug mode SNR 40dB

In extreme noise, combine your headset with Sordin InEar earplugs for attenuation up to SNR 40 dB. Select audio profile **Focus** to maintain a degree of ambient sound even at this extremely high attenuation.



Single-battery solution

The hearing protector is powered using only one 3.7 V 14500 battery (one Sordin Power battery and one battery charger are included).

Configurations

X2^{BT}

Headband



Neckband



Accessories

Here is a selection of SordinFLEX components. For a complete range of accessories and spare parts, see page 14.

Hygiene kits

Gel or memory foam sealing rings, inserts



Headband covers

Black textile



Communication kits

X2 Flex Com BT



Suspensions

X2 Headband/X2 Neckband



Power accessories

Batteries and chargers



What's in the package?

The Sordin Supreme X2^{BT} hearing protector comes delivered in a stylish package together with one Sordin Power battery charger, one 3.7 V rechargeable battery and one multi-language user manual.






MATERIALS

Cups and foam rubber inserts	ABS and PU foam
Suspension assembly	Stainless steel and plastic
Headband cover	Leather or black textile
Sealing rings	ABS, PVC foil, memory foam or silicone gel sealing rings

TECHNICAL INFORMATION

Battery	Sordin Power 3.7 V 14500 rechargeable
Operating conditions	-32°C to +55°C / -25,6°F to +131°F
Weight (including battery, headband/neckband version)	367/333 grams (with silicone gel sealing rings)

ORDERING INFORMATION

 Black cups	 Green cups	 Hi-wiz cups	Version	Sealing rings
302004-10G	302006-10G	302007-10G	Sordin Supreme X2 ^{BT} Headband GEL	Silicone gel
302004-10P	302006-10P	302007-10P	Sordin Supreme X2 ^{BT} Headband Memory foam	Memory foam
302004-20G	302006-20G		Sordin Supreme X2 ^{BT} Neckband GEL	Silicone gel
302004-20P	302006-20P		Sordin Supreme X2 ^{BT} Neckband Memory foam	Memory foam

ACCESSORIES & SPARE PARTS

60196	X2 Flex Com BT Communication Kit
60197-S	Hygiene kit, memory foam sealing rings – 1 pair of sealing rings, 1 pair of inserts
60198-S	Hygiene kit, silicone gel sealing rings – 1 pair of sealing rings, 1 pair of inserts
60200	Headband cover, textile (black)
60201	Suspension kit, X2 Neckband
60204	Suspension kit, X2 Headband Textile
60205	Suspension kit, X2 Headband Leather
60194	Sordin Power Battery Charger
60193	Sordin Power 14500 rechargeable Li-ion 3.7 V battery

ATTENUATION DATA

⚠ WARNING! The SNR values below are the hearing protector's ideal protective value, measured with the device powered off. However, the actual protection may differ due to individual variation and cannot be guaranteed for every user. The noise attenuation of the product will be severely impaired if you do not follow the instructions in the operator's manual and may result in hearing loss or injury.

Sordin Supreme X2 ^{BT} Headband, gel sealing rings									SNR = 29 dB	NRR = 23 dB	H = 31 dB	M = 27 dB	L = 22 dB
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000					
Mean attenuation, M _i (dB)	20.5	19.7	21.1	26.2	30.7	31.1	41.1	42.2					
Standard deviation, s _i (dB)	2.2	2.2	2.4	2.8	2.8	2.7	3.2	2.7					
APV (M _i -s _i) (dB)	18.4	17.6	18.8	23.4	27.8	28.4	37.8	39.6					

Sordin Supreme X2 ^{BT} Headband, memory foam sealing rings									SNR = 29 dB	NRR = 23 dB	H = 32 dB	M = 27 dB	L = 20 dB
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000					
Mean attenuation, M _i (dB)	19.3	17.5	19.8	26.2	33.1	31.5	41.3	41.4					
Standard deviation, s _i (dB)	3.0	2.6	2.4	2.2	2.0	2.6	2.5	3.4					
APV (M _i -s _i) (dB)	16.2	14.9	17.5	24.0	31.1	28.9	38.8	38.1					

Sordin Supreme X2 ^{BT} Neckband, gel sealing rings									SNR = 29 dB	NRR = 23 dB	H = 31 dB	M = 27 dB	L = 22 dB
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000					
Mean attenuation, M _i (dB)	19.1	18.9	20.8	25.6	32.5	30.9	39.8	40.8					
Standard deviation, s _i (dB)	3.1	2.2	2.4	2.8	2.7	3.0	3.1	4.0					
APV (M _i -s _i) (dB)	16.0	16.8	18.5	22.8	29.8	27.9	36.7	36.8					

Sordin Supreme X2 ^{BT} Neckband, memory foam sealing rings									SNR = 28 dB	NRR = 23 dB	H = 29 dB	M = 26 dB	L = 21 dB
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000					
Mean attenuation, M _i (dB)	18.1	16.9	20.6	26.9	31.9	29.2	38.5	39.6					
Standard deviation, s _i (dB)	3.0	2.0	2.6	3.0	2.8	3.6	3.5	3.9					
APV (M _i -s _i) (dB)	15.1	14.9	17.9	23.9	29.0	25.6	35.0	35.7					

For more attenuation data, please visit www.sordin.com

The Sordin logo features the word "SORDIN" in a bold, white, sans-serif font. The letter "O" is replaced by a solid green circle. A thin green horizontal line is positioned directly beneath the text.

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www.sordin.com  