

Sordin Supreme Pro-X SFA

Electronic hearing protector for hunting and shooting

Foldable headband



DESCRIPTION

Sordin Supreme Pro-X SFA (Sordin Flexible Attenuation™) is an electronic hearing protector designed specifically for hunting and shooting. It comes with a detachable distance ring and additional insert for extra high attenuation, allowing you to change between two attenuation levels. Digital audio technology is used to compress impulse noise to a secure level of 82 dB(A), while harmless surrounding sound is amplified and volume controlled using an external keypad on the right-hand cup.

Sordin Supreme Pro-X SFA is renowned for its extremely robust design and superior audio quality. The ambient sound is reproduced naturally and with high directional sensitivity. These capabilities help hunters not only to safely protect their hearing, but also improve their ability to detect even very faint sounds coming from game animals.

AVAILABLE IN

- Black
- Green



KEY FEATURES

Flexible attenuation	Change between SNR values 31 and 26 dB by removing/inserting the distance ring and extra insert *
Cup design	Slim design, suitable for both right- and left-handed shooters
Maximum 82 dB	Loud impulse noise automatically compressed to maximum 82 dB
Audio system	SordinHEAR2 offers excellent sound quality and four audio profiles – Hunting, Shooting, Focus and Comms
Ambient sound	Amplifying harmless ambient sound while protecting against harmful noise
Audio input	3.5-mm AUX input for connection of an external digital device such as a mobile phone or hunting radio
Audio quality	High audio quality, natural ambient sound reproduction
Warranty	5-year warranty (electronics only)
External keypad	Easy-to-use push buttons to operate the electronic functions
Waterproof microphones	The externally mounted microphones are water proof (IP 67 tested)
Auto power off	Automatic switch-off after 4 hours if no button has been pressed, saving battery time
Low battery warning	Low battery warning when approximately 40 hours is left of the battery time
Robust electronics	The electronic circuits are encapsulated in multiple layers of lacquer and polymer for increased robustness

*** NOTICE!** The product's warranty is no longer valid once the distance ring and extra insert have been removed.

MATERIALS

Headband	ABS and stainless spring steel
Headband padding	Leather or textile
Cups	ABS
Distance ring	ABS
Inserts	Polyether foam
Sealing cushion	Foam (PVC foil)

TECHNICAL INFORMATION

Batteries	2 x 1.5 V AAA/LR03, estimated operating time is around 400 hours
Level Dependent microphone frequency response	100 Hz – 10 KHz
Loudspeakers / loudspeaker response	2 x 32 Ohm / 20 Hz – 20 KHz
Operating conditions:	-20°C to +50°C
Max audio signal allowed from the connected radio to not exceed 82 dB(A) through the speakers	399 mVrms
Weight with/without distance rings (incl. batteries)	347/332 grams
Complies with following environmental directives	WEEE

EN APPROVAL

Tests and certificates

Tested to EN 352-1:2020, EN 352-4:2001 and EN 352-6:2002.
 EMC tested to EN 55032, EN 55024 and EN 61000.
 Certificate: CE 708669
 Notified Body: BSI Netherlands (NB 2797)



ATTENUATION DATA

With sealing ring, PVC/foam (31dB)

H	M	L	SNR	NRR
32 dB	29 dB	23 dB	31 dB	n/a

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	18.3	22.2	29.0	34.6	31.2	40.7	38.7
Standard deviation, s_f (dB)	2.5	1.9	2.6	1.9	2.1	3.2	5.0
APV ($M_f - s_f$) (dB)	15.8	20.3	26.4	32.7	29.1	37.5	33.7

Without sealing ring, PVC/foam (26dB)

H	M	L	SNR	NRR
26 dB	24 dB	18 dB	26 dB	n/a

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	15.1	17.4	25.8	28.5	27.2	39.4	37.9
Standard deviation, s_f (dB)	3.4	1.7	2.6	3.0	4.0	2.7	3.0
APV ($M_f - s_f$) (dB)	11.7	15.7	23.2	25.5	23.2	36.7	34.9

NOTICE! For attenuation data regarding GEL sealing ring versions, see Sordin Supreme product manual.

Criterion Levels (dB)

Model	H	M	L
With distance ring	112	105	94
Without distance ring	112	105	94

Earmuff Sizes

Model	Approved sizes
With distance ring	S, M, L
Without distance ring	S, M, L

NOTICE! Sizes refer to approved standard head sizes according to applicable standards. Each hearing protector model is available in one size only.

AUDIO PROFILES MODE DESCRIPTION



The Sordin excellent sound system – SordinHEAR2, is integrated in the latest Supreme models Pro-X and Pro-X LED (2023 editions). At its heart – four new audio profiles that further enhance your sound experience.

Hunting

Hunting is the main audio profile for general purposes. The sound image is optimized for a normal hunting day, balancing clear ambient sound such as speech with comfortable low-noise audio.

Shooting

Shooting is a comfort profile with lower gain and a narrower audible frequency spectrum. Perfect when normal situational awareness is sufficient, e.g. in shooting training at the range.

Focus

Focus is your full-alert profile. It features high amplification and a wider frequency spectrum for highest situational awareness. Use this audio profile e.g. in the hunting tower to sharpen your senses before your shot.

Comms

In Comms, ambient sound is deactivated and your hearing protector uses passive protection only. However, the 3.5-mm AUX input is active allowing for clear communication even in noisy environments.

ORDERING INFORMATION

Sordin Supreme Pro-X SFA headband

Product no	Version	Cup color	Headband	Ring
74502-04-S	Sordin Supreme Pro-X SFA Slim HB Black PVC	Black	Black leather	Foam
74502-06-S	Sordin Supreme Pro-X SFA Slim HB Green PVC	Green	Black leather	Foam
74502-04-G-S	Sordin Supreme Pro-X SFA Slim HB Black GEL	Black	Black leather	Gel
74502-06-G-S	Sordin Supreme Pro-X SFA Slim HB Green GEL	Green	Black leather	Gel

Accessories

Product no	Version
60182-S	Sordin Supreme Hygien Kit SFA PVC (foam) – 1 pair of gel rings, 1 pair of inserts
60183-S	Sordin Supreme Hygien Kit SFA GEL – 1 pair of gel rings, 1 pair of inserts
60188-S	Sordin Distancing spare part SFA 1pcs
60089-S	Sordin Supreme Hygien Kit PVC (foam) – 1 pair of foam rings, 1 pair of inserts (for SNR 26 dB mode)
60092-S	Sordin Supreme Hygien Kit GEL – 1 pair of gel rings, 1 pair of inserts (for SNR 26 dB mode)