

NEW

SORDIN

Sordin Supreme™ MIL AUX SFA™

Flexible attenuation for any mission

The Sordin Supreme™ MIL AUX SFA™, based on the new Sordin Flexible Attenuation™ (SFA™) concept, is developed with the user and ever-changing conditions in mind. At SNR 32 dB, it safely protects your hearing even in extreme noise environments, while providing instant interchangeability for a slimmer cup design – enabling optimization for different operating environments or helmet compatibility needs. Our mission is your successful mission!

Flexible attenuation

The SFA™ concept lets you toggle easily between two distinct attenuation levels, SNR 32 or 26 dB, by mounting or dismounting the removable distance ring and absorber.

SNR 32 dB

With an all-time high SNR value of 32 dB, we are taking the legendary Sordin Supreme MIL to the next level to safely protect your hearing even in extreme noise environments.

SNR 26 dB

Remove the distance ring to reduce the attenuation value to SNR 26 dB and enjoy a slimmer cup design and improved helmet compatibility.

Ambient sound

Ultra-sensitive microphones, combined with Sordin's outstanding audio reproduction quality, allow users to pick up and identify extremely weak ambient sound while improving their situational awareness.

MIL graded

Designed for use in the most demanding tactical operations, where MIL-graded equipment is a prerequisite. Applicable tests made in accordance with MIL standard MIL-STD-810.

Failsafe electronics

Polymer-covered electronics, RFI protection and an extra set of dedicated speakers, enabling communication even when batteries are out. Estimated battery operating time is as long as up to 600 hours.



MIL
graded

SNR
32 dB

SNR
26 dB



Materials

Headband	ABS and stainless steel spring
Headband padding	Leather
Cups	ABS
Distance ring	ABS
Inserts	Polyurethane foam
Sealing cushion	PVC foil

Technical Information

Batteries	2 x 1.5 V AAA/LR03, estimated operating time is around 600 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 - +50°C
Max audio signal allowed from the connected radio to not exceed 82 dB(A) through the speakers	399 mVrms
Audio input/output	3.5 mm AUX
Weight (excluding batteries)	359 gram
Complies with following environmental directives	WEEE

MIL standards

Tested against relevant parts of the standards **MIL-STD-810G** and **MIL-STD-810H**. (*Environmental Engineering Considerations and Laboratory Tests*)

EN Approvals

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 747888. Notified Body: BSI Netherlands (NB 2797).



Attenuation data

H=33 dB, M=30 dB, L=23 dB, SNR=32 dB

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	17.8	23.9	30.9	34.8	33.2	45.3	43.8
Standard Deviation, s_f (dB)	2.5	2.8	3.0	3.5	3.0	2.9	3.6
APV ($M_f - s_f$) (dB)	15.3	21.1	27.9	31.3	30.3	42.3	40.2

Attenuation data (without distance ring)

H=26 dB, M=24 dB, L=18 dB, SNR=26 dB

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

Ordering Information

Product number	Version	Cup colour	Cushion
74508-04-S	Sordin Supreme™ MIL AUX SFA™ Slim HB Black PVC	Black	PVC + foam
74508-05-S	Sordin Supreme™ MIL AUX SFA™ Slim HB Sand PVC	Sand	PVC + foam
74508-06-S	Sordin Supreme™ MIL AUX SFA™ Slim HB Green PVC	Green	PVC + foam
60182-S	Hygiene Kit Sordin Supreme™ SFA™ PVC		
60183-S	Hygiene Kit Sordin Supreme™ SFA™ GEL		
60188-S	Sordin Sealing Ring Spare Part SFA™ 1 piece		
60089-S	Hygiene Kit Sordin Supreme™		