

Sordin left/RIGHT High

Passive hearing protector with high-level attenuation

Headband version | Helmet version



DESCRIPTION

Sordin left/RIGHT High is a passive hearing protector with high-level noise attenuation. As part of the renowned Sordin left/RIGHT family, the product comes with several ergonomic features that are unique to this brand. The product is available in headband or helmet version.

Sordin left/RIGHT High is suitable for high-noise environments, where users are subjected to a noise level of 110 dB(A) or above, including paper mills, foundries, mines, etc. In extreme noise environments, such as airports, it is recommendable to combine the hearing protector with Sordin InEar ear plugs.

AVAILABLE IN



Black

KEY FEATURES

Attenuation level	High – for noise level 110 dB(A) and above
Headband	Tilted at an angle for a comfortable fit.
Oversized cups	Large ear space for all users.
Cup design	Mirrored left- and right-hand cup designs.

MATERIALS

Cups	ABS
Headband	POM
Cushions	PU + PVC
Height adj. Brushings, Spring cover	TPE
Head Fork, Helmet Fork, Helmet Attachment, Spring Bracket	PA (Polyamide)
Attenuation foam	PE (Polyether)

TECHNICAL INFORMATION

Weight – headband / helmet	313 / 336 grams
Operating conditions	-20°C to +55°C

EN APPROVAL

Tests and certificates

Tested and certified to EN 352-1:2002, EN 352-3:2002, EN 352-4/A1:2005 and EN 352-8:2008
IEC 62368-1 (EN 62368-1+A11), IEC 62133-2:2017 and 2014/53/EU Radio Equipment Directive RED
Certificate: CE 737872 (headband and helmet versions).
Notified body: BSI Netherlands (NB 2797)



ATTENUATION DATA

Sordin left/RIGHT High headband



Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	21.2	18.8	23.6	33.1	39.8	33.6	37.6	42.0
Standard Deviation, s_f (dB)	3.8	2.5	2.6	1.8	2.7	3.2	2.1	2.5
APV ($M_f - s_f$) (dB)	17.4	16.3	21.0	31.3	37.1	30.4	35.5	39.5

H	M	L	SNR	NRR
32 dB	31 dB	23 dB	33 dB	28 dB

Sordin left/RIGHT High helmet



Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	15.6	16.8	22.1	29.9	35.9	34.1	35.4	39.3
Standard Deviation, s_f (dB)	4.1	3.0	2.6	2.7	3.0	4.2	2.5	3.5
APV ($M_f - s_f$) (dB)	11.5	13.8	19.5	27.2	32.9	29.9	32.9	35.8

H	M	L	SNR	NRR
32 dB	28 dB	21 dB	31 dB	28 dB

Approved helmet combinations

For supported helmet combinations please visit www.sordin.com/leftright

ORDERING INFORMATION

Sordin left/RIGHT High

Product no	Version	Color	Ring
63000-04-S	Sordin left/RIGHT High headband	Black	Foam
63501-04-S	Sordin left/RIGHT High helmet - adapter 1	Black	Foam
63502-04-S	Sordin left/RIGHT High helmet - adapter 2	Black	Foam
63507-04-S	Sordin left/RIGHT High helmet - adapter 7	Black	Foam
63514-04-S	Sordin left/RIGHT High helmet - adapter 14	Black	Foam
63520-04-S	Sordin left/RIGHT High helmet - adapter 20	Black	Foam

What adapter do you need for your helmets. See latest list on www.sordin.com/leftright

Accessories

Product no	Version
60099-S	Hygiene kit Sordin left/RIGHT High – 1 pair of foam rings, 1 pair of inserts