

## 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



## KEY FEATURES

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

## MATERIALS

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

## TECHNICAL INFORMATION

<b>Weight – headband / helmet</b>	313 / 336 grams
<b>Operating conditions</b>	-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)



## A SORDINCARE PRODUCT

The Sordin left/RIGHT family is covered by the SordinCARE concept. SordinCARE is a new way of looking at workplace health, safety and productivity at work. We help organizations explore the opportunities provided by individually selected hearing protectors. We offer a wide product range designed for professional use, along with customer support ranging from noise measurement to tailoring communication solutions for mobile workteams. Let us help you take care of your people.



## ATTENUATION DATA

### Sordin left/RIGHT High headband



	H	M	L	SNR	NRR			
	32 dB	31 dB	23 dB	<b>33 dB</b>	<b>28 dB</b>			
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

### Sordin left/RIGHT High helmet



	H	M	L	SNR	NRR			
	32 dB	28 dB	21 dB	<b>31 dB</b>	<b>28 dB</b>			
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

## Approved helmet combinations

For supported helmet combinations please visit [www.sordin.com/leftright](http://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](http://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