

## Sordin Classic EXC

Passive hearing protector with medium-level attenuation

Headband version | Helmet version



### DESCRIPTION

Sordin Classic EXC is a passive hearing protector with excellent comfort and robustness. Unique injection-molded inserts offer excellent attenuation and ample space for the ears inside the cup. The product can be combined with a selection of visors and is suitable for a wide range of industrial environments.

Sordin Classic EXC is designed for medium-noise environments, where users are subjected to a noise level of 90–110 dB(A). The product is available in headband or helmet version.

AVAILABLE IN



## KEY FEATURES

<b>Attenuation level</b>	Medium – for noise level 90–110 dB(A)
<b>Headband</b>	Padded and adjustable for high comfort and individual fit.
<b>Mounting</b>	Two-point mounting system ensures that pressure is distributed evenly around the sealing rings.
<b>Inserts</b>	Unique molded inserts offer excellent noise attenuation and maximum ear space inside the cups.

## MATERIALS

<b>Cups</b>	ABS
<b>Attenuation foam</b>	PU
<b>Foam sealing rings</b>	ABS, PVC, PU foam
<b>Headband</b>	POM
<b>Cup supporting arm</b>	PA
<b>Adapter, holder</b>	PA
<b>Spring cover</b>	PP
<b>Screws and screws</b>	Stainless steel

## TECHNICAL INFORMATION

<b>Weight – headband / helmet</b>	218 / 215 grams
<b>Operating conditions</b>	-20°C to +50°C
<b>Complies with following environmental directives</b>	REACH

## 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 Classic 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 Classic EXC headband



Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, $M_f$ (dB)	11.2	19.1	25.7	29.2	32.0	36.8	39.0
Standard Deviation, $s_f$ (dB)	3.2	2.2	2.7	3.1	2.3	2.7	3.7
APV ( $M_f - s_f$ ) (dB)	8.0	16.9	23.0	26.1	29.7	34.1	35.3

H	M	L	SNR	NRR
31 dB	24 dB	16 dB	<b>27 dB</b>	n/a

### Sordin Classic EXC helmet



Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, $M_f$ (dB)	11.1	18.1	25.1	27.0	28.6	38.6	40.2
Standard Deviation, $s_f$ (dB)	3.2	3.3	3.1	2.3	2.4	2.6	3.3
APV ( $M_f - s_f$ ) (dB)	7.9	14.8	22.0	24.7	26.2	36.0	36.9

H	M	L	SNR	NRR
29 dB	23 dB	15 dB	<b>26 dB</b>	n/a

### Approved helmet combinations

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

## ORDERING INFORMATION

### Sordin Classic EXC

Product no	Version	Color	Ring
20010-S	Sordin Classic EXC headband	Black	Foam
10010-S	Sordin Classic EXC helmet – adapter 1	Black	Foam
10022-S	Sordin Classic EXC helmet – adapter 2	Black	Foam
10033-S	Sordin Classic EXC helmet – adapter 3	Black	Foam
10012-S	Sordin Classic EXC helmet – adapter 14	Black	Foam
10019-S	Sordin Classic EXC helmet – adapter 19	Black	Foam
10034-S	Sordin Classic EXC helmet – adapter 20	Black	Foam

What adapter do you need for your helmets. See latest list on [www.sordin.com/classic](http://www.sordin.com/classic)

### Accessories

Product no	Version
60080-S	Hygiene kit Sordin Classic EXC – 1 pair of foam rings, 1 pair of inserts