

## Sordin Classic XLS

Passive hearing protector with low-level attenuation

Headband version | Helmet version



### DESCRIPTION

Sordin Classic XLS 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 XLS is designed for low-noise environments, where users are subjected to a noise level up to 90 dB(A). The product is available in headband or helmet version.

AVAILABLE IN

Black



## KEY FEATURES

<b>Attenuation level</b>	Low – for noise level <90 dB(A)
<b>Headband</b>	Extra wide headband reduces pressure to the head, ensuring a comfortable and secure fit.
<b>Mounting</b>	Two-point mounting system ensures that pressure is distributed evenly around the sealing rings.
<b>Sure-grip</b>	Sure-grip headband enables donning and doffing even when wearing gloves.
<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 / 212 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 XLS headband



	H	M	L	SNR	NRR		
	27 dB	22 dB	15 dB	<b>25 dB</b>	n/a		
<b>Frequency (Hz)</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
<b>Mean attenuation, <math>M_f</math> (dB)</b>	11.6	17.2	21.7	30.4	29.2	35.4	34.4
<b>Standard Deviation, <math>s_f</math> (dB)</b>	3.5	2.7	3.1	3.4	4.2	4.1	4.6
<b>APV (<math>M_f - s_f</math>) (dB)</b>	8.1	14.5	18.6	27.0	25.0	31.3	29.8

### Sordin Classic XLS helmet



	H	M	L	SNR	NRR		
	31 dB	25 dB	18 dB	<b>27 dB</b>	n/a		
<b>Frequency (Hz)</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
<b>Mean attenuation, <math>M_f</math> (dB)</b>	15.5	18.9	25.5	29.8	32.4	38.6	39.5
<b>Standard Deviation, <math>s_f</math> (dB)</b>	3.5	3.1	3.4	2.2	3.8	3.0	4.6
<b>APV (<math>M_f - s_f</math>) (dB)</b>	12.0	15.8	22.1	27.6	28.6	35.6	34.9

## Approved helmet combinations

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

## ORDERING INFORMATION

### Sordin Classic XLS

Product no	Version	Color	Ring
24010-S	Sordin Classic XLS headband	Black	Foam
14010-S	Sordin Classic XLS helmet – adapter 1	Black	Foam
14022-S	Sordin Classic XLS helmet – adapter 2	Black	Foam
14030-S	Sordin Classic XLS helmet – adapter 3	Black	Foam
14012-S	Sordin Classic XLS helmet – adapter 14	Black	Foam
14014-S	Sordin Classic XLS helmet – adapter 18	Black	Foam
14019-S	Sordin Classic XLS helmet – adapter 19	Black	Foam
14031-S	Sordin Classic XLS 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
60088-S	Hygiene kit Sordin Classic XLS – 1 pair of foam rings, 1 pair of inserts