

## Sordin left/RIGHT CO CC

Electronic hearing protector with medium to high-level attenuation

Headband version | Helmet version



### DESCRIPTION

Sordin left/RIGHT CO CC (Cut Off and Cable Connected) is hearing protector with medium-level noise attenuation and is equipped with anatomically shaped cushions and built-in boom microphone and PTT (Push To Talk) enabling audible voice communications even in extremely noisy environments.

The headband version is suitable for regular use (also available in helmet-mounted version). As part of the renowned Sordin left/RIGHT family, the product comes with several ergonomic features that are unique to this brand. Sordin left/RIGHT CO CC is suitable for high-noise environments, where communication is key, such as at motor events and more.

AVAILABLE IN

 Black

## KEY FEATURES

<b>Attenuation level</b>	Medium to high – for noise level 90–120 dB(A)
<b>Ambient sound support</b>	Allowing the user to hear surrounding sound while being safely protected against noise.
<b>Amplification</b>	Amplification of weak noise using the electronic system. Maximum allowed noise is 82 dB.
<b>Battery save function</b>	No risk of unintentional battery discharging.
<b>Connectivity</b>	Built-in cable connects to most of the radios on the market. Check out what connector you need at <a href="http://www.sordin.com/select-connector">www.sordin.com/select-connector</a>
<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>	PVC, PU foam
<b>Helmet spring and screws</b>	Stainless steel
<b>Height adj. Brushings, Spring cover</b>	TPE
<b>Headband Fork, Helmet Fork, Helmet Attachment, Spring Bracket</b>	PA (Polyamide)
<b>Attenuation foam</b>	PE (Polyether)

## TECHNICAL INFORMATION

<b>Batteries</b>	2 x 1.5 V AAA/LR03, estimated operating time is around 400 hours
<b>Cable connector for radio</b>	See options at: <a href="http://www.sordin.com/select-connector">www.sordin.com/select-connector</a>
<b>Loudspeakers / loudspeaker response</b>	2 x 32 Ohm / 20 Hz – 20 KHz
<b>Operating conditions</b>	-20°C to +55°C
<b>Weight headband / helmet version</b>	395 / 380 gram
<b>Complies with following environmental directives</b>	RoHS, WEEE
<b>IP class</b>	IP 44

## 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.



## 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 CO CC headband



Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, $M_f$ (dB)	14.7	19.7	26.5	35.6	35.3	40.0	36.4
Standard Deviation, $s_f$ (dB)	2.7	2.7	3.0	2.8	2.7	3.7	5.1
APV ( $M_f - s_f$ ) (dB)	12.0	17.0	23.5	32.8	32.6	36.3	31.3

H	M	L	SNR	NRR
34 dB	27 dB	19 dB	<b>29 dB</b>	n/a

### Sordin left/RIGHT CO CC helmet



Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, $M_f$ (dB)	14.8	19.8	24.9	32.5	34.6	39.4	35.6
Standard Deviation, $s_f$ (dB)	3.1	2.9	2.7	3.8	2.8	3.9	3.9
APV ( $M_f - s_f$ ) (dB)	11.7	16.9	22.2	28.7	31.7	35.6	31.7

H	M	L	SNR	NRR
32 dB	26 dB	19 dB	<b>28 dB</b>	n/a

### Approved helmet combinations

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

### Earmuff Sizes

Model	Approved sizes
Headband version	S, M, L
Helmet version	S, M, L

**NOTICE!** Sizes refer to approved standard head sizes according to applicable standards. Each hearing protector model is available in one size only.

### Weighted diffuse field related sound pressure level

Mean plus one standard deviation A-weighted diffuse-field related sound pressure level (dB(A))	Signal level (mVrms) Headband/Helmet
<b>68.3</b>	35.5
<b>72.1</b>	63.1
<b>76.9</b>	112.2
<b>81.8</b>	199.5
<b>86.7</b>	354.8

### Criterion levels (dB)

Model	H	M	L
Headband version	110.6	108.6	92.6
Helmet version	110.6	108.6	92.6

## ORDERING INFORMATION

### Sordin left/RIGHT CO CC

Product no	Version	Color	Ring
56000-04-* <b>-S</b>	Sordin left/RIGHT CO CC headband	Black	Foam
56500-04-* <b>-S-01</b>	Sordin left/RIGHT CO CC helmet - adapter 1	Black	Foam
56500-04-* <b>-S-02</b>	Sordin left/RIGHT CO CC helmet - adapter 2	Black	Foam
56500-04-* <b>-S-14</b>	Sordin left/RIGHT CO CC helmet - adapter 14	Black	Foam
56500-04-* <b>-S-20</b>	Sordin left/RIGHT CO CC 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)

\* To find correct cable connector for your radio: [www.sordin.com/select-connector](http://www.sordin.com/select-connector)

### Accessories

Product no	Version
60096-S	Hygiene kit Sordin left/RIGHT electrical – 1 pair of foam rings, 1 pair of inserts
60166-S	Wind Shield for Boom Microphone (100 pcs)