

Sordin left/RIGHT CC

Electronic hearing protector with medium to high-level attenuation

Headband version | Helmet version



DESCRIPTION

Sordin left/RIGHT CC (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 CC is suitable for high-noise environments, where communication is key, such as at motor events and more.

AVAILABLE IN

Black

KEY FEATURES

Attenuation level	Medium to high – for noise level 90–120 dB(A)
xxxx	xxxx
xxxx	xxxx
xxxx	xxx
Connectivity	Built-in cable connects to most of the radios on the market. Check out what connector you need at www.sordin.com/select-connector
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	PVC, PU foam
Helmet spring and screws	Stainless steel
Height adj. Brushings, Spring cover	TPE
Headband Fork, Helmet Fork, Helmet Attachment, Spring Bracket	PA (Polyamide)
Attenuation foam	PE (Polyether)

TECHNICAL INFORMATION

Cable connector for radio	See options at: www.sordin.com/select-connector
Loudspeakers / loudspeaker response	2 x 32 Ohm / 20 Hz – 20 KHz
Operating conditions	-20°C to +55°C
Weight headband / helmet version	395 / 380 gram
Complies with following environmental directives	RoHS, WEEE
IP class	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 CC headband

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



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

Sordin left/RIGHT CC helmet

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



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

Approved helmet combinations

For supported helmet combinations please visit 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
68.1	47.3
73.1	84.1
78.2	149.6
83.2	266.1
88.2	473.2

ORDERING INFORMATION

Sordin left/RIGHT CC

Product no	Version	Color	Ring
55000-04-* -S	Sordin left/RIGHT CC headband	Black	Foam
55500-04-* -S-01	Sordin left/RIGHT CC helmet - adapter 1	Black	Foam
55500-04-* -S-02	Sordin left/RIGHT CC helmet - adapter 2	Black	Foam
55500-04-* -S-14	Sordin left/RIGHT CC helmet - adapter 14	Black	Foam
55500-04-* -S-20	Sordin left/RIGHT CC helmet - adapter 20	Black	Foam

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

* To find correct cable connector for your radio: 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)