

Sordin Share

Electronic hearing protector with built-in voice communication

Headband version | Helmet version



DESCRIPTION

Sordin Share is Sordin's flagship electronic hearing protector, which enables a complete voice communication solution for up to 15 users. Sordin Share was designed for mobile work teams in need of failsafe voice communications. With comms built into people's hearing protectors, there is no need to invest in a separate 2-way radio system or other communication solution. Just set up a user group in the configuration tool and your team is ready to start communicating.

Communication with Sordin Share is based on an autonomous, meshed network technology. This means there is no need for internet access or external infrastructure. Each Sordin Share unit works as a base station which relays the signal to another nearby unit, thus creating a medium-range network – suitable for professional teams requiring reliable, full-duplex voice communications.

AVAILABLE IN



KEY FEATURES

Low weight design	Sordin Share is considerably lighter than competing earmuffs with similar functionality.
Built-in high quality rechargeable battery	The Li-ion battery gives you several days of operating time before recharging. Easy charge using a standard USB-C cable (included).
Built-in microphones	Slim design allows you to work freely.
Selectable sealing rings	Choose between foam or gel sealing rings, replacement parts available as hygiene kits.
Bluetooth	Connect an electronic device, e.g. a mobile phone to make and receive phone calls
Robust design	Cups of high-performance ABS plastic for light weight and excellent impact strength.
Dynamic Mesh	The mesh network is autonomous – no need for internet access or external infrastructure
Voice control	Say commands to execute functions, e.g. “Hey Sordin, speed dial” to make a phone call
App control	Use the Share App to set, adjust and use the many features
Configuration tool	The team leader’s tool to set up user groups, define user default settings, etc
Voice feedback	Helps you to easily control the functions of the hearing protector.
Power saver	Automatic power off, no risk of unintentionally discharging the battery.
Built-in antenna	Discretely mounted, no protruding parts.
Headband version	The headband comes with a ventilated textile sleeve for maximum comfort all day. Replacement sleeves available as accessories.
Helmet version	Easy to connect to different helmet models using a standard adapter. A patented spring offers optimum pressure and comfort.
Ambient sound	Stay connected with the surrounding environment, while being protected from hazardous noise.
Sound reproduced	Through the level dependent function is limited to a maximum of 82 dB.
Built-in microphones	Slim design allows you to work freely.
Attachable boom microphone	Yes, under right cup.

MATERIALS

Cups	ABS, TPE
Attenuation foam	PU foam
Foam sealing rings	ABS, PP, TPE, PU foam
Gel sealing rings	ABS, PVC foil, silicone gel
Headband	POM
Cup supporting arm	PA
Support band	TPE
Adapter, holder	PA
Spring cover	PP
Spring	Stainless steel
Screws	Stainless steel
Headband padding	PA, TPU, PE foam

TECHNICAL INFORMATION

Batteries	Built-in rechargeable Li-ion battery (2,000 mAh). Estimated operating time: 36 hours. 60 min charging gives minimum 8 hours usage time. USB-C cable for charging included. <i>(Only charge the batteries between temperatures 0°C to +40°C.)</i>
Operating conditions	-20°C to +55°C
Weight headband / helmet version	Foam: 405 / 406 gram Gel: 450 / 445 gram
Reach, radio communications	Maximum 800 meter to nearest unit in open terrain
Complies with following environmental directives	RoHS, WEEE
Bluetooth profiles	Bluetooth 5 certified with A2DP (streaming), and HSP HFP (headset) support
IP class	IP 44 (Sharp) IP 67 (noise-cancelling boom microphone – accessory)

EN APPROVAL

Tests and certificates

Tested and certified to EN 352-1:2020, EN 352-3:2020, EN 352-4:2020, EN 352-6:2020 and EN 352-8:2020. IEC 62368-1 (EN 62368-1+A11), IEC 62133-2:2017 and 2014/53/EU Radio Equipment Directive RED. Certificate: CE 748897 (headband and helmet-mounted versions) Notified body: BSI Netherlands (NB 2797)



A SORDINCARE PRODUCT

The Sordin Share 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 Share headband – foam sealing ring

H	M	L	SNR	NRR
35 dB	27 dB	20 dB	30 dB	n/a



Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	18.2	18.2	25.3	32.8	36.5	45.1	42.1
Standard Deviation, s_f (dB)	3.3	1.8	1.7	3.0	2.8	3.6	3.4
APV ($M_f - s_f$) (dB)	14.9	16.3	23.6	29.8	33.6	41.4	38.7

Sordin Share headband – GEL sealing ring

H	M	L	SNR	NRR
35 dB	26 dB	20 dB	29 dB	n/a



Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	17.5	18.7	25.4	32.0	36.6	44.1	45.1
Standard Deviation, s_f (dB)	3.1	2.3	2.1	3.1	3.3	3.4	3.4
APV ($M_f - s_f$) (dB)	14.4	16.4	23.2	28.9	33.4	40.7	41.7

Sordin Share helmet – foam sealing ring

H	M	L	SNR	NRR
34 dB	25 dB	20 dB	28 dB	n/a



Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	18.1	18.7	24.4	30.7	36.5	43.6	41.8
Standard Deviation, s_f (dB)	3.0	2.3	2.5	3.3	2.6	4.5	4.4
APV ($M_f - s_f$) (dB)	15.1	16.3	21.9	27.4	33.9	39.1	37.4

Sordin Share helmet – GEL sealing ring

H	M	L	SNR	NRR
36 dB	26 dB	20 dB	29 dB	n/a



Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	17.5	18.2	25.1	31.4	37.9	47.5	46.5
Standard Deviation, s_f (dB)	3.0	1.7	2.1	2.5	2.6	3.6	2.7
APV ($M_f - s_f$) (dB)	14.5	16.5	23.1	29.0	35.3	43.9	43.8

Criterion levels (dB)

Model	H	M	L
Headband version	115.4	103.3	97.1
Helmet version	115.4	103.3	97.1

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.

ORDERING INFORMATION

Sordin Share headband

Product no	Version	Cup color	Ring
88000-04-S	Sordin Share headband, foam, black, boom microphone	Black	Foam
88000-04-G-S	Sordin Share headband, gel, black, boom microphone	Black	Gel

Sordin Share helmet (adapter 20)

Product no	Version	Cup color	Ring
88520-04-S	Sordin Share helmet, adapter 20, foam, black, boom microphone	Black	Foam
88520-04-G-S	Sordin Share helmet, adapter 20, gel, black, boom microphone	Black	Gel

What helmets works with adapter 20? See latest list on www.sordin.com/share

Accessories

Product no	Version
60050-S	Hygiene kit, foam sealing rings – 1 pair of foam rings, 1 pair of inserts <i>(Foam ring: TPE (thermoplastic elastomer) covered PU (polyurethane) foam. Inserts: PU foam.)</i>
60051-S	Hygiene kit, gel sealing rings – 1 pair of gel rings, 1 pair of inserts <i>(Gel ring: TPU (thermoplastic polyurethane) covered silicone gel. Inserts: PU foam.)</i>
60125-S	Textile sleeve for Sordin Share headband version
60126-S	Boom microphone <i>(One boom microphone is included in the Share product package)</i>
60128-S	Windshield foam, extra 10-pack
60129-S	USB-C Adapter Cable <i>(One cable is included in the Share product package)</i>