

# SORDIN<sup>®</sup>

Wireless, accessible – free!



 Bluetooth<sup>®</sup>

# New technology gives you more freedom at work!



The need for rapid communication is growing all the time. As technology improves there is also a growing demand to be able to reach each other at any time, whether at work or in our free time.

The mobile phone has become a natural part of our daily life. It is a tool for various forms of communication. We use our mobiles everywhere today: in

the car, on the bus, in shops, on the street, etc. At work, many of us are forced to spend time in environments that can be harmful to our hearing. But we must not risk our health just because we need to hear a mobile! We therefore felt it was vital that we should develop our hearing protectors so that they can be used with mobile phones. The solution was obvious: *Bluetooth* technology.

We already had a very comprehensive range of hearing protectors with a variety of built-in features, such as auxiliary audio input, FM radio and CutOff (ambient sound reproduction), as well as a combination of these features. We realized straight away that there was little sense in developing a new hearing protector solely with *Bluetooth* technology, but that we should instead equip our existing models with this feature. These new products are part of our Wireless World series and correspond to our Pro Line range with their high sound quality and use of the latest technology. These products are still built for long-term use in harsh environments, and those of you who have used our products before will be familiar with their operation. All our products are comfortable hearing protectors that are designed to prevent you from feeling isolated. They are designed instead to encourage you to use them and so protect your hearing for the rest of your life.





# Sordin Wireless World

All products are equipped with *Bluetooth* wireless technology.



## Headset

For wireless communication with mobile phones.

- Automatic shut-off saves batteries. The electronics are switched off automatically four hours after the last button was pressed. This eliminates the risk of accidentally draining the batteries.

## CutOff

Built-in ambient sound reproduction and amplification.

Protection without isolation.

- Amplifies speech and other harmless noise while protecting against harmful sound levels at the same time.
- Automatic shut-off – saves batteries.
- Input for external audio source such as communication radio.
- Wireless communication with mobile telephone.




---

Headband	art. no. 81000
Helmet-mounted	art. no. 81500

---

Headband	art. no. 85000
Helmet-mounted	art. no. 85500



## FM

Built-in FM stereo tuner with exceptional sound quality.

- Automatic station search.
- Memory that stores the last station and volume setting.
- Hi-fi quality stereo sound.
- Automatic shut-off saves batteries. The electronics are switched off automatically four hours after the last button was pressed. This eliminates the risk of accidentally draining the batteries.
- Wireless communication with mobile telephone.

## Dual

Built-in FM-radio combined with ambient sound reproduction and amplification. Protection without isolation.

- Automatic shut-off saves batteries.
- Sound level limited to 82 dB(A).
- Rapid auto-search of frequency band (88–108 MHz) and memory for last station and volume setting.
- Quick and easy control of balance between radio and ambient sound reproduction.
- Wireless communication with mobile telephone.

---

Headband	art. no. 87000
Helmet-mounted	art. no. 87500

---

Headband	art. no. 89000
Helmet-mounted	art. no. 89500



# Newfound freedom

*Bluetooth* wireless technology gives us enormous freedom. If you work as a craftsman, installation engineer, gardener, construction worker, in industry, in the forest or even at home in the garage, you can now be free of cables that hang in the way and get caught on everything. You can keep your mobile in your pocket or briefcase, since the range is up to 10 metres.

When you want to make a call you can use voice activation (depends on mobile type), and eliminate the need to key the number into your mobile. You reply by pressing the button on the microphone. The volume and other features are controlled using the buttons on the right earmuff. The microphone is noise-compensating, so it also works in very noisy environments. You simply flip it up by the side of the earmuff when not in use.



The name *Bluetooth* is taken from the Viking Harald Blåtand (literally “Harald Blue Tooth”), who was the king of Denmark at the end of the 10<sup>th</sup> century. He was famed for being able to get people to talk and communicate with each other, and he succeeded in getting Denmark and Norway to unite and take up Christianity.

*Bluetooth* transmits in the unrestricted 2.4 GHz band. It has a range of at least 10 metres and can replace leads between computers, printers, telephones, hand-held computers and the like. It does not require line of sight between the transmitter and receiver. For more information on Bluetooth wireless technology, visit: <http://www.sordin.com/>



## Microphone

Located on the left earmuff. It can be kept in the standby position up against the headband, and then flipped down next to your mouth when making a call. Adjustable for length, height and depth. Noise-compensating.



## LED

Flashes to show that *Bluetooth* wireless technology is active.



## Push-to-talk button

Integrated in microphone mounting. Press to reply or end a call. Also used to make voice-activated calls and for pairing with your mobile.



## Our products are easy to use

All electronic features are controlled using clear pushbuttons, which makes our hearing protectors very easy to use. The built-in memory remembers your last settings when you switch on the electronics.

- No matter which product you choose you are guaranteed a first-class hearing protector that fits perfectly and seals out noise effectively.
- The CutOff and Supreme models give you more than just effective hearing protection. They also allow you to connect a hunting radio, dog tracker and other external audio sources.
- The level-dependent sound reproduction protects your hearing but also allows you to communicate freely with people around you while wearing the hearing protector.



## Rain and noise have one thing in common

If you go out in the pouring rain without any rain protection you will get wet through in a matter of minutes. It's no good putting up your umbrella then, you're going to stay wet for the rest of the day!

It's exactly the same with loud sounds and noise. After just a few minutes' exposure to a noisy environment without any hearing protection the damage is done. Even if you wear a hearing protector for the rest of the day you have already subjected your hearing to more than your ears can withstand. A few minutes' laziness is almost as harmful as a whole day in a noisy environment without hearing protection. And damaged hearing can never be repaired.



For more information about our products and how they work, visit: [www.sordin.com](http://www.sordin.com)

## Other products



### Basic Line

Equipped with slightly simpler technology but providing most standard features.



### Pro Line

Developed for long-term use in very harsh environments. Very high sound quality.



### Connected by cable

A wide selection of headsets for communication by cable.



### Supreme

A range for hunting, shooting and military use. Developed to meet MIL specification and extreme conditions.

## Accessories







### Hygiene kits

To maintain the performance of your hearing protector you should replace the hygiene kit as least twice a year (if in daily use). The kits include cushions, attenuating foam and inserts.

Hygiene kit art. no. 60084

### Connecting leads

3.5 mm stereo plug	art. no. 60120
3.5 mm mono plug	art. no. 60121
2.5 mm mono plug	art. no. 60122

Technical specification	Headset 	Headset Cutoff 	Headset FM 	Headset Dual 
Art. no. Headband	81000	85000	87000	89000
Art. no. Helmet mounted	81500	85500	87500	89500
Adjustable pressure (headband)	Yes	Yes	Yes	Yes
Helmet attachment	Yes	Yes	Yes	Yes
Sound quality	Stereo	Stereo	Stereo	Stereo
Sound level limit (max. 82 db)	-	Yes	Yes	Yes
AUX input	-	Yes	Yes	Yes
Active sound level limit on AUX input (max. 82 db)	-	Yes	-	Yes
Automatic station search	-	-	Yes	Yes
Volume memory	-	Yes	Yes	Yes
Station memory	-	-	Yes	Yes
Active amplification (maximum)	-	12db	-	0db
Battery-saving	-	Yes	Yes	Yes
Approx. battery life	*	*	*	*
Weight without batteries (grams)	280	288	300	314

\* See [www.sordin.com](http://www.sordin.com)

————— *Listen to us before it's too late !* —————