

No Compromises !
Ultimate Digital
Super Power

People first



We believe that it takes more than technology and audiology to create the best hearing instruments. That's why we put the individual needs and wishes of people with hearing loss first in our development of new hearing care solutions.



- ◆ **More speech – less noise**
- ◆ **Freedom from feedback**
- ◆ **A familiar - yet richer - sound picture**
- ◆ **Stylish, intelligent functional design**
- ◆ **Truly sustainable power**



Listen WITHOUT compromise with **Digital Super Power!**



As a user of Super Power instruments you know what it's like have to compromise. You've undoubtedly experienced everything from fluctuating sound quality to intermittent feedback in instruments that can be bulky to wear and clumsy to use – all for the sake of more power.

While you've been waiting for technology to develop you have probably wondered whether issues this vital would ever be successfully addressed. In response to this question we're happy to announce that, with the aid of digital technology, progress has finally been made!

Oticon's new Sumo DM is sophisticated enough to satisfy some of the most urgent wishes expressed by people with severe to profound hearing losses. It is the smallest, most advanced Super Power instrument in the world – and it signals a new era of listening WITHOUT compromise.



More speech - less noise

- Intelligent VoiceFinder technology helps to detect speech in noise.
- TriState Noise Management suppresses noise without burying vital speech cues
- Optimum comfort and audibility far less manual effort

Freedom from feedback

- Feedback is eliminated without losing gain
- Freedom to use the Volume Control with no risk of feedback
- A “whistle-free” existence i.e. no feedback when hugging someone or when chewing

A familiar, yet richer sound picture

- Precise compensation for your particular type of hearing loss
- Digital processing enhances speech and controls unwelcome noise
- A choice of amplification strategies to match your personal preferences.

Stylish, intelligent functional design

- Small, smart, lightweight design
- Innovative controls for easy handling
- Smart integration with the most popular FM systems

Truly sustainable power

- Round-the-clock reliability
- High quality components resist wear and tear
- High power output – low battery drain

Read more about these benefits on the inside spread of this leaflet!

Open here



Sumo DM

Technology developed for you



More speech - less noise

With a severe-or-profound hearing loss, the last thing you need when trying to follow a conversation is stiff competition from noise! To combat noise, conventional instruments automatically reduce the gain – but this can erase the speech signal too!

Thanks to a new system called TriState Noise Management – with unique speech detection technology - Sumo DM dampens the noise without damaging the speech cues. When only noise is present, Sumo DM reduces the volume for a more comfortable setting, saving you countless manual volume adjustments.

Freedom from feedback

Feedback wreaks havoc in more ways than one. Firstly, it can distort the signal and seriously disrupt the sound quality. Secondly, it can be so annoying and embarrassing that it forces you to turn the volume right down, thereby severing your connection to the world of sound.

To keep those communication lines open, Sumo DM attacks the problem head on. Using Dynamic Feedback Cancellation it constantly monitors the input and output signals, and if feedback seems imminent – for instance, when you're chewing your food – it neutralizes it with NO reduction in gain.

A familiar – yet richer - sound picture

Digital technology is a gift because it allows us to process sound selectively. With eight different channels at its disposal and thereby the ability to treat speech and noise signals separately, Sumo DM provides exactly the degree of amplification you need in areas where you can still benefit from it.

With a range of predetermined performance strategies designed to match your natural sound processing abilities and listening preferences, Sumo DM can be programmed to provide the type of sound you're familiar with, but with the texture and quality you've been missing.

Stylish, intelligent functional design

A high dependency on your instruments means that design-wise, you've probably had to accept size and functionality constraints in return for maximum power. Fortunately, those days are over; Sumo DM fulfils your desire for a smaller, lighter, more practical solution – from the Volume Control wheel that doubles as an On/Off button to the 3-program control switch.

Not only is Sumo DM the smallest Digital Super Power instrument in the world, it is also compatible with the world's most popular wireless FM systems. Sumo's interlocking FM-7 Adapter shoe provides a secure physical connection to the instrument's battery door so that you can use these devices with confidence.

Truly sustainable power

Like the rest of the Sumo series, Sumo DM promises excellent reliability in even the most demanding environments. Its unique receiver technology is one of the most significant engineering innovations, providing high power output with only low battery drain.

Special attention has been paid to protecting the interior components in order to avoid moisture and temperature-related breakdowns, so you can use Sumo DM both indoors and outdoors, and stay in touch with the people you care about.

It's all in the Details: Designed to perfection

Complete versatility

Sumo DM offers a unique array of user controls inspired by your specific needs including the flexibility of three OFF options

1. VC: tactile OFF-click in VC wheel when turned to its lowest position
2. Program switch: OFF position can be programmed in software (Optional)
3. Battery door: Instrument is OFF in open position

Interlocking FM & DAI

Sumo DM is compatible with all wireless FM systems and DAI devices interlocking securely into the battery door.



Status Light

Sumo DM is the only digital Super Power instrument to include a Status-light that flashes for power-up and when preferred the Volume Control level is reached. As an option that can be activated by your hearing care professional, it indicates that the instrument is ON and that the battery is functioning.

Intelligent Volume Control with markings

The unique digital Volume Control features the distinct 'start and end' positions. Intelligent eight-channel technology allows full-range gain adjustments without the risk of feedback. Setting the Volume Control at the preferred level is easy with the preferred level beeps and light flashes.

3-position switch

This fully programmable switch is designed to support up to three listening programs to suit individual needs. Each position can be programmed to any of the following:

- M:** Microphone program
- MT:** Microphone + Telecoil program
- T:** Telecoil program
- OFF:** Optional OFF program