

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 function & design**
- ◆ **Truly sustainable power**



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



As a user of Super Power instruments you probably know what it's like to 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 improve you have probably wondered whether issues this vital would ever be successfully addressed. We're happy to announce that, with the help of digital technology, real progress has finally been made!

Oticon's new Sumo DM is sophisticated enough to satisfy 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 reduces noise without burying vital speech cues
- Optimum comfort and audibility with far less manual effort

## **Freedom from feedback**

- Feedback is eliminated instantly and automatically without affecting sound quality or losing power
- 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 listening preferences

## **Stylish, intelligent function & design**

- Small, smart, lightweight case
- Innovative controls for easy handling
- Smart integration with all 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 brochure!

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 competition from noise! To combat background noise, other digital instruments may automatically reduce the power – but this can erase much of the speech signal too!

Thanks to a new system called TriState Noise Management – with unique speech detection technology called VoiceFinder - Sumo DM reacts differently in varying noise conditions, depending on the presence or absence of speech. Sumo DM carefully dampens the noise without damaging or reducing the important speech cues that are also present.

When you are in an environment with only noise present, Sumo DM can provide a more aggressive reduction for a more comfortable setting. You hear more of what you want and less of what you don't, saving you frequent manual volume adjustments.

## Freedom from feedback

Feedback wreaks havoc in more ways than one. First, it can distort the signal and seriously disrupt the sound quality. Second, feedback can be so annoying and embarrassing that it forces you to turn the volume right down, often severely reducing 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 food – it's instantly eliminated with no reduction in power or change in sound quality.

## A familiar – yet richer - sound quality

Digital technology is an integral part of Sumo DM's performance because it allows us to process sound selectively. With eight different channels and the ability to amplify soft, moderate, and loud sounds differently, Sumo DM provides exactly the degree of amplification you need in the frequencies where you can still benefit from it.

With a range of performance strategies designed to suit your own 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 function & design

A high dependency on your instruments means that you've probably had to accept size and functionality constraints in return for maximum power. Fortunately, those days are over. Sumo DM fulfills your desire for a smaller, lighter, more flexible solution – from the volume control wheel that doubles as an On/Off switch 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 all popular wireless FM systems. Sumo DM's interlocking adaptor shoe provides a secure physical connection to the instrument's battery door so that you can use FM devices with confidence.

## Truly sustainable power

Like the rest of the Sumo family of instruments, 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 low battery drain.

Special attention has been paid to protecting the interior components from moisture and temperature-related breakdowns, so you can wear your Sumo DM with confidence in any activity.

## It's all in the Details - Designed to perfection

### Complete versatility

Sumo DM offers a unique array of user controls inspired by the needs of actual hearing aid wearers, 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 direct audio input (DAI) devices and provides a secure connection for these devices via an adapter boot that physically interlocks into the battery door.



### Status light

Sumo DM includes a unique and discrete status light that flashes for power-up and when the preferred volume control level is reached. The status light option can be activated by your hearing care professional to indicate that the instrument is ON and that the battery is working.

### Intelligent volume control with markings

The unique digital volume control wheel features the distinct "start and end" positions. Intelligent eight-channel technology allows full-range volume adjustments without the risk of feedback. Setting the volume control at the preferred starting level is easy with the audible beeps and light flashes.

### 3-position program 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