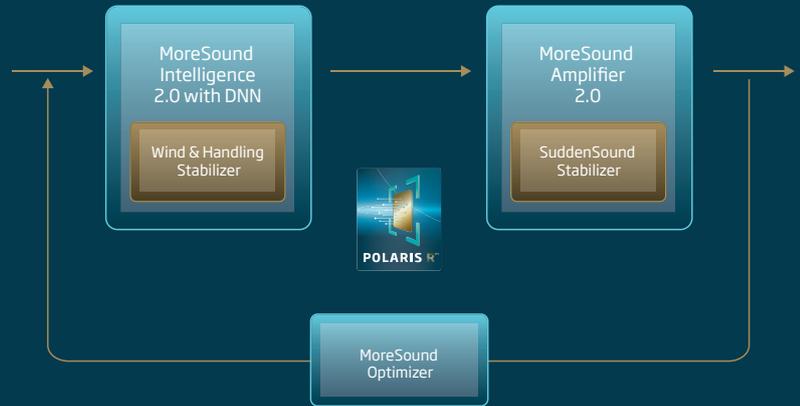


OTICON | Real

# Experience the sounds of the real world

## RealSound Technology™

Powered by the new Polaris R™ platform, RealSound Technology in Oticon Real takes our Deep Neural Network-based sound processing to the next level, providing your clients with access to the full sound scene, while protecting them from overwhelming, uncomfortable, disruptive sounds - so they can stay sharp in the real world.



## SuddenSound Stabilizer

### Instant and precise balancing of sudden sounds

More than **seven out of ten** hearing aid users are challenged daily by disruptive sounds,\* with traditional hearing aid technology being too slow to provide optimal sound output - or compromising access to other important sounds, including speech.

But with SuddenSound Stabilizer, a groundbreaking innovation in MoreSound Amplifier™ 2.0, Oticon Real is fast and precise enough to handle more than **500,000 sudden sounds per day** - keeping these sounds available, balanced, and comfortable for your clients - while ensuring better access to speech.\*

## Proven to significantly reduce listening effort

Typically, when performing a demanding task, such as listening to speech in noise, an increase in effort is reflected by a larger degree of pupil dilation.

The results of our pupillometry study with Oticon Real showed a **22% reduction in listening effort\*\*** when SuddenSound Stabilizer was active. Additionally, there was no impact on speech understanding, even when SuddenSound Stabilizer was working hard to protect users from sudden sounds.\*

7  
out of  
10

hearing aid users are challenged daily by disruptive sounds\*\*\*

9  
out of  
10

hearing care professionals have first-hand experience with this challenge\*\*\*



miniRITE R

miniRITE T

miniBTE R

miniBTE T

# The world's first wind and handling noise prevention feature



## Wind & Handling Stabilizer

Featuring double-patented technology that detects and cleans up wind and handling noise 500 times per second, MoreSound Intelligence™ 2.0 with Wind & Handling Stabilizer prevents wind and handling noise by selecting the microphone with the cleanest sound input and attenuating the remaining wind and handling noise in the affected frequencies efficiently. This results in reduced wind and handling noise, without compromising on speech clarity.

### Better speech clarity in windy environments

In order to test Oticon Real in the toughest, most controlled environment possible, we visited one of the world's largest university owned wind tunnels, and compared it against two leading competitor hearing aids. Oticon Real was the only hearing aid that performed well in both significantly reducing the loudness of wind and providing speech clarity in wind - where leading competitors could only provide a solution for one or the other.\*\*\*

	Loudness of wind noise	Speech clarity in wind
Oticon Real	✓	✓
Competitor 1	22% louder than Oticon Real ✗	✓
Competitor 2	✓	17% less clear than Oticon Real ✗

✓ Performed well    ✗ Significantly outperformed by Oticon Real

### Vastly outperforms competitors in reducing handling noise

Handling a hearing aid can cause just as much disruption to a hearing aid user as noise from the blowing wind. In a clinical investigation, we tested the Wind & Handling Stabilizer in Oticon Real against two top competitors, where a finger was used to touch the hearing aid microphones. With Wind & Handling Stabilizer, handling noise is proven to be **reduced by up to 19 dB more**, in comparison to leading competitors.\*\*\*

\* Santurette et al. (2023). SuddenSound Stabilizer - Evidence and user benefits. Oticon Whitepaper.

\*\* Based on a 22% reduced mean pupil size as compared to the highest mean pupil size.

\*\*\* Gade et al. (2023). Wind & Handling Stabilizer - Evidence and user benefits. Oticon Whitepaper.