

Noise Management

Noise Management means noise is less overwhelming, less loud, and noise management allows you to better focus on the speech signal

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Patients with sensorineural hearing loss have extreme difficulties in noise. Therefore, many of these same patients are intrigued by the concept of noise reduction. The most common misunderstanding held by patients regarding noise reduction is that these systems remove the noise while keeping the speech signal intact. Unfortunately, noise reduction systems do not work that way, although they do provide important benefits.

In Oticon products we use the term “Noise Management” rather than “Noise Reduction” to help the patient and their family have a more realistic understanding and expectation from this advanced circuitry.

Noise Management

Makes listening more comfortable

Reduces the level of background noise

Reduces annoyance and fatigue



*Figure 1:
Description of the purpose of Noise Management from eCaps.*

The purpose of noise management is to make it easier and more comfortable to be in noisy situations. Directional microphone systems also facilitate better understanding in noise.

Therefore, the professional can counsel that while using noise management systems..... Noise won't be as loud, it will be less tiring and less overwhelming when listening to speech in noise, and noise management allows you to better focus on what is being said.

Comfort in noise

We all know the feeling. The drone of a certain noise can be incredibly irritating. And the longer it lasts, the greater your mental fatigue.

Sure, sound can be enjoyable, even fun. But once sound becomes noise pollution, it becomes tiring and very uncomfortable.

Safran effectively reduces and helps combat the fatigue of unwanted noises. As a result, it extends the amount of time you can enjoy sounds you want to hear - and makes what you want to hear sound better.

Figure 2: Description of the purpose of Noise Management from the Safran consumer brochure