

Oticon CROS

Introducing the world's first CROS/BiCROS hearing solution with OpenSound Navigator™ and TwinLink™ dual-streaming technology



Introducing Oticon CROS

Oticon CROS enables people with single-sided deafness (SSD) to hear and engage in their world like never before. Oticon CROS sends a wireless Near Field Magnetic Induction (NFMI) signal from a transmitter located on the poorer ear to a receiver on the better ear so your clients can achieve a fuller, more immersive open sound experience.

A high-quality open sound experience

Oticon CROS features an optimized version of the OpenSound Navigator where help is provided to the client, as soon as noise is prominent. The result is that Oticon CROS opens up complex listening environments and enables clients to access more of their listening space. OpenSound Navigator is key to delivering the 360° listening experience by constantly scanning the environment, balancing sound levels and removing unwanted noise. The open sound paradigm is now available for even more of your clients and delivers a better experience when listening to speech in noisy environments and at a distance.

TwinLink dual-streaming. An industry first.

Oticon CROS is the world's first solution for CROS/BiCROS fittings offering TwinLink, an innovative technology featuring simultaneous NFMI and 2.4 GHz Bluetooth® low energy streaming capability. TwinLink makes it possible to connect to external audio streams while simultaneously enjoying sound transmission from the poorer ear to the better ear. Clients can watch television or listen to music while carrying a conversation with someone positioned on their poorer ear side.

A powerful platform

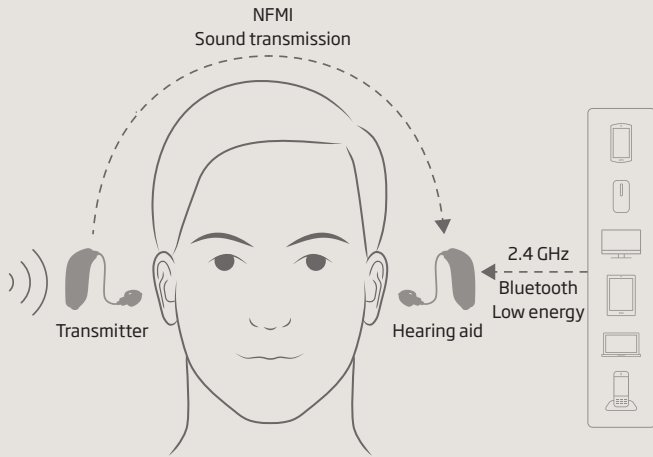
Powered by the revolutionary Velox S™ platform, Oticon CROS features the most powerful and advanced processor that Oticon has ever created. This processor enables the OpenSound Navigator which supports the way the brain naturally makes sense of sound for an unmatched listening experience.



Oticon CROS in a nutshell

- Oticon CROS completes the Oticon portfolio.
- Oticon CROS can be used in either a CROS or a BiCROS fitting.
- Oticon CROS transmitter is available in the miniRITE T style and comes in seven colours.
- It is available in selected pricepoints and compatible with 6 styles: miniRITE, miniRITE T, BTE13 PP, miniRITE R, SP, and UP.

- Oticon CROS is compatible with Oticon’s premium product families; Oticon Opn S™, Oticon Opn Play™, Oticon Xceed and Oticon Xceed Play.
- The transmitted signal can be muted or adjusted based on user needs.
- Sound transmission is optimized for fine structure details of speech (up to 10 kHz).
- The Oticon CROS transmitter battery performance is comparable to similar style Oticon hearing aids.



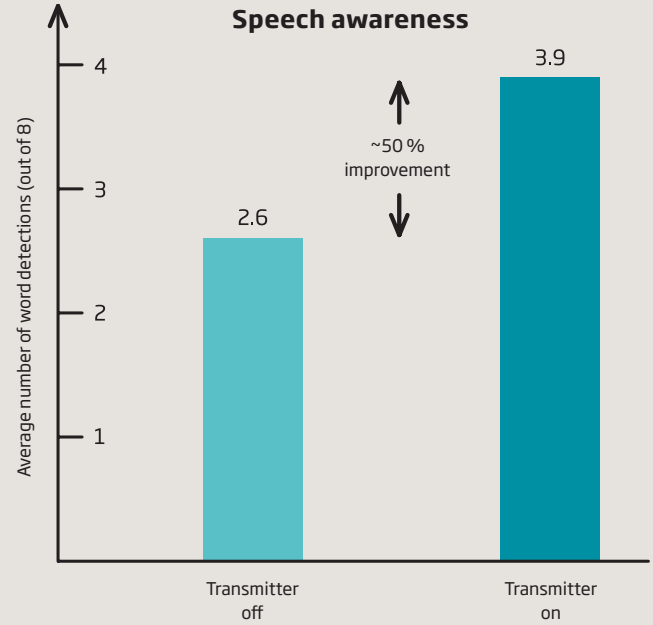
These tasks were completed with speech-shaped noise in the background.

When the transmitter was on, participants were 50% more aware of the spoken words in the noisy environment. Oticon CROS supports the open sound experience by supporting speech awareness in challenging listening environments and while streaming.

50% improvement in speech awareness with TwinLink

Results of a recent Oticon CROS dual-streaming study showed a 50% average improvement in awareness of speech in the environment while streaming (2.4 GHz) with an active NFMI transmission of sound from the poorer ear side (Callaway & Aaby Gade, 2019).

Participants in the study listened to news stories through a ConnectClip with the Oticon CROS transmitter turned on and turned off. They were also given the task of pushing a button every time they heard a word coming from a speaker on their poorer ear side.



Did you know?
 Some clients with SSD can benefit from other hearing technologies. Read more about Oticon Medical’s bone conduction hearing solutions and cochlear implants on www.oticonmedical.com