

Technical data sheet

Oticon CROS PX miniRITE R

Oticon CROS PX transmitter is a device designed for people with single-sided hearing or very poor unilateral word recognition score.

CROS/BiCROS

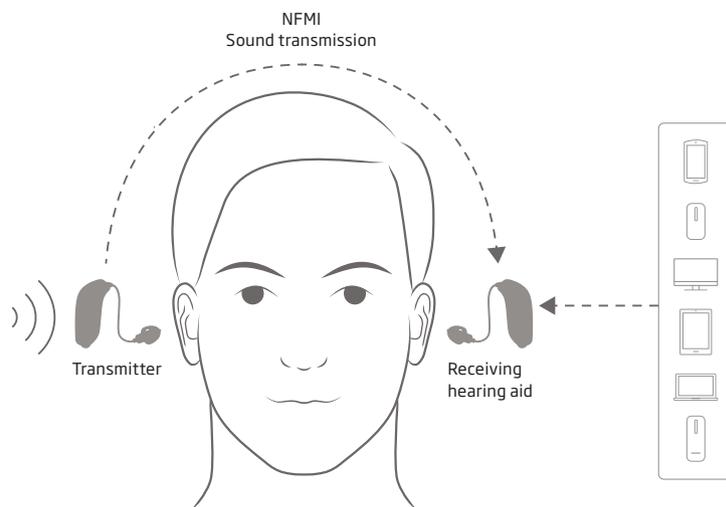
Oticon CROS paired with a compatible Oticon hearing aid is a Contralateral Routing of Signal (CROS) amplification system. Sounds are picked up by the microphones in the CROS transmitter located on the poorer ear. Then, they are transmitted via Near-Field Magnetic Induction (NFMI) to a receiving hearing aid located on the better ear. If some hearing loss is present in the better ear, the solution is set up as a Bilateral Contralateral Routing of Signal (BiCROS) configuration.

Compatibility

The new rechargeable CROS transmitter is compatible with Oticon More™ for creating a true rechargeable CROS solution based on the newest platform developed by Oticon, Polaris. What is more, it's backwards compatible with other hearing aids that match the Oticon CROS miniRITE T, making it a great extension to the Oticon CROS family. For full and updated compatibility overview see <http://www.oticon.global/cros-compatibility>.

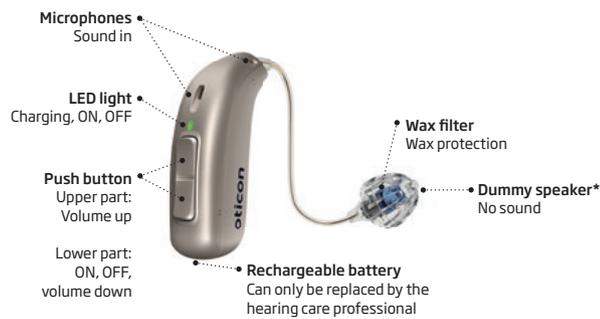
Dual streaming with TwinLink™

With an Oticon CROS solution, the connection between the transmitter and receiving hearing aid is made using the NFMI technology in Oticon's TwinLink. TwinLink technology makes it possible to connect the receiving hearing aid to external audio streams while simultaneously enjoying sound transmission from the poorer ear to the better ear. External audio is sent directly to the receiving hearing aid using 2.4 GHz Bluetooth® Low Energy technology and the Oticon CROS transmitter is sending through NFMI. Clients can watch television or listen to music and still be aware of speech in the surroundings.



Oticon CROS PX miniRITE R is based on the innovative Polaris platform, providing all users exceptional sound quality.





| Technical data | |
|---------------------------------|---|
| Name | Oticon CROS PX miniRITE R |
| Style | Same design as Oticon More miniRITE R |
| Earpiece | Oticon miniRITE standard and custom earpieces |
| Colours | Available in 8 colours |
| System features | Dual microphone sound pickup Pre-processing and noise suppression Wireless transmission to Oticon hearing aid |
| Compatibility | Oticon CROS PX miniRITE R can transmit to the following Oticon hearing aid families: Oticon More™ Oticon Opn S™ 1 Oticon Opn S™ 2 Oticon Xceed Oticon Ruby Oticon Opn Play™ 1 Oticon Xceed Play For full and updated compatibility overview see http://www.oticon.global/cros-compatibility |
| Water resistant | IP68 |
| Battery type | Lithium-ion |
| Status indications | Acoustic signals in hearing aid |
| Conditions of use | Operating and charging conditions: +5 °C to +40 °C (+41°F to +104°F) Storage: -20 °C to +30 °C (-4°F to +86°F) Transportation: -20 °C to +60 °C (-4°F to +140°F) Humidity: 5% to 93% relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa |
| Audio | |
| Audio quality | G722 encoding |
| Audio bandwidth | Up to 10 kHz - depending on receiver hearing aid |
| Radio Specification | |
| Wireless range | 17 cm ear to ear |
| Frequency | 3.84 MHz |
| Modulation | MFSK |
| Duty cycle | 50% |
| Field Strength | -51 dBµA/m @10m |
| Standards and approval (FCC/IC) | Oticon CROS PX transmitter contains a radio module (DA AU5 MNR R) with the following certification ID numbers: FCC ID: 2ACAHAU5MRTRC IC: 11936A-AU5MRTRC |

* Standard speaker, with no acoustic purpose, used to keep your transmitter in place.

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