

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

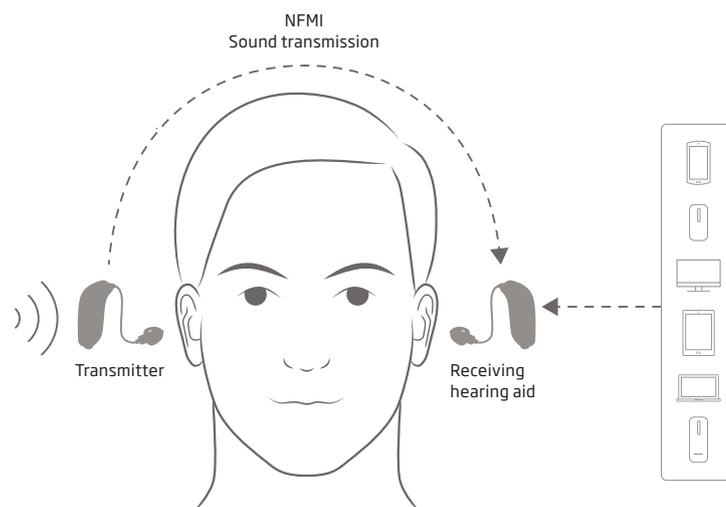
Oticon CROS paired with a compatible Oticon hearing aid is a Contralateral Routing of Signal (CROS) amplification system. Sounds are picked up by the microphones in the CROS transmitter located on the poorer ear. Then, they are transmitted via Near-Field Magnetic Induction (NFMI) to a receiving hearing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

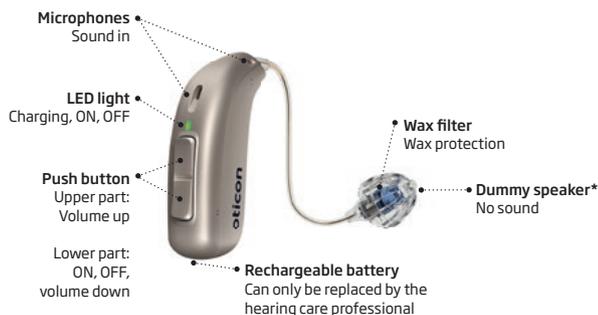
Compatibility

The 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.com.au/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.





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: <table border="0"> <tr> <td>Oticon Real™</td> <td>Oticon Ruby</td> </tr> <tr> <td>Oticon More™</td> <td>Oticon Xceed</td> </tr> <tr> <td>Oticon Zircon</td> <td>Oticon Play PX</td> </tr> <tr> <td>Oticon Opn S™ 1</td> <td>Oticon Opn Play™ 1</td> </tr> <tr> <td>Oticon Opn S™ 2</td> <td>Oticon Xceed Play</td> </tr> </table> For full and updated compatibility overview see www.oticon.com.au/cros-compatibility	Oticon Real™	Oticon Ruby	Oticon More™	Oticon Xceed	Oticon Zircon	Oticon Play PX	Oticon Opn S™ 1	Oticon Opn Play™ 1	Oticon Opn S™ 2	Oticon Xceed Play
Oticon Real™	Oticon Ruby										
Oticon More™	Oticon Xceed										
Oticon Zircon	Oticon Play PX										
Oticon Opn S™ 1	Oticon Opn Play™ 1										
Oticon Opn S™ 2	Oticon Xceed Play										
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	MSK										
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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