

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

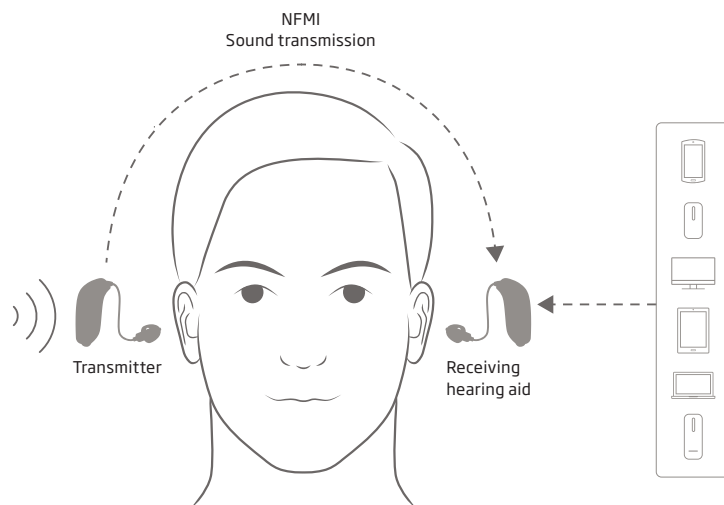
The new rechargeable CROS transmitter is compatible with Oticon More™ creating a true rechargeable CROS solution based on the newest platform developed by Oticon, Polaris. It is forwards and backwards compatible to work with existing instruments that are used with the current Oticon CROS, making it a great extension to the Oticon CROS family.

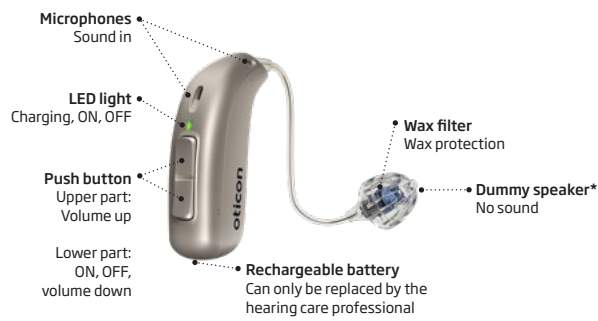
Dual streaming with TwinLink™

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, while the Oticon CROS transmitter sends sound transmission through NFMI. Clients can watch television or listen to music and still be aware of speech in their 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
Colors	Available in 8 colors
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
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	Approximately 6.5 inches 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 the transmitter in place.

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