

Neuro 2 Bimodal Connectivity



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MEDICAL

Connectivity options with Neuro 2 and an Oticon hearing aid

Bimodal Solutions

If you have a Neuro system, you can combine your Neuro 2 sound processor with an Oticon hearing aid and become a bimodal user.

As a bimodal user, there are different connectivity solutions available that let you transmit sound from different devices, such as your phone or the TV, to both ears.

This guide provides an overview of the different options available for Neuro 2 using either an Oticon Dynamo or an Oticon Xceed hearing aid. To find the most suitable set-up for your needs and lifestyle, talk to your audiologist and/or your local Oticon Medical representative.

Two ways of hearing – one focus on the brain

Oticon and Oticon Medical are part of the Demant Group – one of the world's leading hearing healthcare companies – and a perfect match for a bimodal solution. Oticon Medical and Oticon devices are both designed to provide clean speech with minimal distortion using the same principles of BrainHearing™. BrainHearing recognizes that listening and speech understanding actually take place in the brain.¹ That is why cochlear implant systems and hearing aids need to be designed to support the brain's natural ways of making sense of sound – even though the two devices use fundamentally different ways of transmitting sound signals to the brain: acoustic and electric.



With a bimodal solution from Oticon Medical and Oticon, you can use various connectivity solutions to stay connected to your digital world.

1. Hoen M, Weile JN, Holmberg M, Lunner T. Oticon Medical BrainHearing™ – Helping the brain make sense of sound. [Whitepaper]. Oticon Medical. 2018. Retrieved from <https://www.oticonmedical.com/for-professionals/cochlear-implant/clinical-results>



Connect with Neuro 2 and Oticon Dynamo

If you use an Oticon Dynamo² hearing aid in combination with your Neuro 2, you can use the Neuro 2 connectivity solutions with both. For example, you can use the Oticon Medical Streamer XM and ConnectLine App to control the sound from your electronic devices and wirelessly stream it to both your Oticon Dynamo hearing aid and your Neuro 2 sound processor. Any adjustments in volume or programme are then made to both hearing devices.

The Oticon Medical Streamer XM is your gateway to a wide range of electronic devices, wirelessly transmitting sound to your Neuro 2 and Oticon Dynamo hearing aid simultaneously.



Oticon Dynamo

Neuro 2

2. Oticon Sensei™ SP is the paediatric counterpart to Oticon Dynamo



Overview of Connectivity options

Situations	How	Accessories in addition to Oticon Medical Streamer XM
Smartphones Talk on the phone, listen to music, connect to navigation systems and more	Oticon Medical Streamer XM	
PCs Watch TV, movies or take part in video calls		Some PCs might require a dongle like Sennheiser BTD 800 USB dongle
TV Enjoy watching TV		Oticon ConnectLine TV Adaptor 2
Going out Enjoy one-to-one conversations in noisy environments like cafes, restaurants and on the street		Oticon ConnectLine Microphone
Looped systems Connect to teleloop systems installed in cinemas, theaters and lecture halls		(T-coil technology in both devices)
Classroom Hear the teacher in a classroom		A Roger X™ receiver connected to the Oticon Medical Streamer XM
Landline phones Talk on the phone		Oticon ConnectLine Phone Adapter 2.0

Remote control	How	Extra accessories
Adjust volume on both devices simultaneously	Oticon Medical Streamer XM	ConnectLine App can also be used to adjust volume
Change programmes on both devices simultaneously	Oticon Medical Streamer XM	ConnectLine App can also be used for programme change

Accessories for streaming to Oticon Dynamo and Neuro 2



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Connect with Neuro 2 and Oticon Xceed

With a combination of Neuro 2 and Oticon Xceed³, you can stream sound to both ears simultaneously using a Bluetooth neckloop system and hearing loop technology. This system is worn around your neck and creates a link to both the hearing aid and CI sound processor via the T-coil technology in both devices.

Alternatively, you can stream to either Oticon Xceed or Neuro 2 individually. Oticon Xceed connects wirelessly to any modern smartphone and gives you access to a wide range of accessories with direct streaming. Sound can also be transmitted to Neuro 2 using the Oticon Medical Streamer XM as a gateway.



Oticon Xceed

Neuro 2

3. Oticon Xceed Play™ is the paediatric counterpart to Oticon Xceed



Overview of Connectivity options

Situations	How	Accessories in addition to a Bluetooth neckloop system
Smartphones Talk on the phone, listen to music, connect to navigation systems and more	A Bluetooth neckloop system and T-coil technology in both devices	
PCs Watch TV, movies or take part in video calls		Some PCs might require a dongle like Sennheiser BTD 800 USB dongle
TV Enjoy watching TV		A TV box
Going out Enjoy one-to-one conversations in noisy environments like cafes, restaurants and on the street		A microphone for the conversation partner

Situations	How	Extra accessories
Looped systems Connect to teleloop systems installed in cinemas, theaters and lecture halls		(T-coil technology in both devices)
Classroom Hear the teacher in a classroom	A Roger X™ MyLink neckloop system and T-coil technology in both devices	(Roger transmitter in classroom)
Landline phones Talk on the phone	The speaker feature on the landline phone	

Remote control	How	Extra accessories
Adjust volume	Adjust volume for streamed sound on both devices simultaneously using a neckloop system	
Change programmes	Change the programme on Neuro 2 and Oticon Xceed individually	Neuro 2: Oticon Medical Streamer XM (optional: ConnectLine App) Oticon Xceed: Oticon ON App

Accessories for streaming to Oticon Xceed and Neuro 2

A Bluetooth neckloop system

A TV box

A Microphone for the conversation partner

A Roger™ MyLink

For Oticon Xceed only



Oticon ON App

For Neuro 2 only



ConnectLine App



Oticon Medical Streamer XM for Neuro 2 only

Because sound matters

Oticon Medical is a global company in implantable hearing solutions, dedicated to bringing the magical world of sound to people at every stage of life. As part of the Demant group, a global leader in hearing healthcare with 15,000 people in over 130 countries, we have access to one of the world's strongest research and development teams, the latest technological advances and insights into hearing care.

Our competencies span more than a century of innovations in sound processing and decades of pioneering experience in hearing implant technology. We work collaboratively with patients, physicians and hearing care professionals to ensure that every solution we create is designed with users' needs in mind. We share an unwavering commitment to provide innovative solutions and support that enhance quality of life for people wherever life may take them. Because we know how much sound matters.



This medical device must be administrated/applied/implanted by a healthcare professional. Performance of the hearing devices is dependent on individual circumstance and may not be appropriate for all conditions. Please refer to the instructions for use for further information.

Oticon Medical



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