

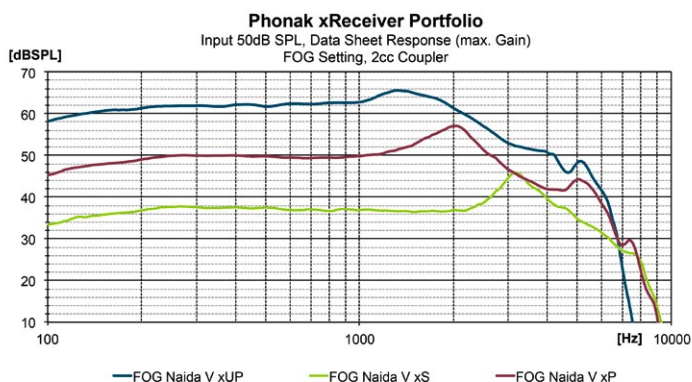
Phonak Fast Facts



xUP receiver for Naída™ V-RIC and Sky™ V-RIC

What is it?

The xUP receiver is the most powerful receiver unit within the RIC hearing aid range from Phonak. It is designed to be used with Phonak Naída V and Sky V RIC hearing aids with custom shells.



The additional power has been achieved by using an improved design which has not previously been used in a Receiver-In-Canal hearing aid. The design is characterized as the "back-vented" receiver. At the back of the receiver housing, a vent hole is added from the sealed cavity where the coil and driver are housed, into a sealed cavity in the custom shell.

The cavity at the front of the receiver, which houses the vibrating membrane and the sound outlet port is not vented, so there is no increased risk of acoustic feedback.

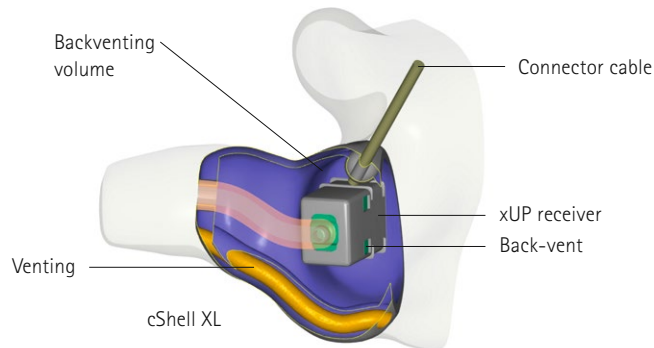
Why use it?

The purpose of the backventing receiver is to reduce the stiffness of the membrane and driver system by allowing an escape route for the volume of air which is compressed by deflections of the membrane. The membrane is less stiff, so the amplitude of vibration is greater creating up to 6 dB more output in the low frequencies. The backventing of the xUP receiver leads to significantly less battery consumption by the receiver compared to non backvented receivers, at the same output.

When to use it?

By increasing the power of the receiver unit, the Naída V RIC can now be fitted to the same hearing loss previously only possible with the Naída SP BTE. The combination of a thin wire and smaller BTE housing results in a cosmetic option never before available for power wearers. For those who wish for a smaller and more stylish device, that wish can now be fulfilled.

The xUP receiver unit can only be ordered with a custom shell for a Naída V and Sky V RIC.



The xUP receiver, showing the "backventing" into a cavity within the custom shell.

For more detailed information visit:
www.phonakpro.com/naida-v
www.phonakpro.com/sky-v

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