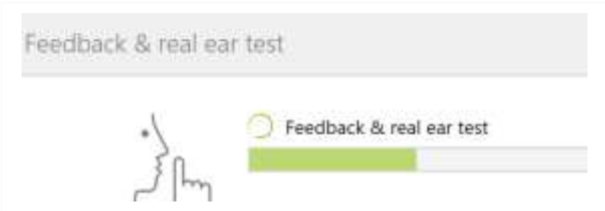
Phonak
At A Glance.

Take control in managing Phonak's feedback system

What is it?

Phonak's feedback system is designed to prevent feedback, perceived as whistling or squealing, while preserving amplification and without compromising sound quality. Phonak's feedback system consists of two parts – the static feedback threshold which is applied all of the time and the adaptive phase canceller, which cancels out transient feedback created in the real world.



What does it do?

When the feedback test is performed, the sounds heard during the test are audible feedback in the frequency band being tested. The test modifies the gain within each frequency band until feedback occurs. The gain level where feedback occurs is the feedback threshold. The feedback system is customized to the client, as it factors in the individual feedback threshold, RECD data, and acoustic parameters. It is recommended to run the feedback test during a new fitting, and every time the acoustic coupling is changed.

What are the key benefits?

The feedback test measures individual data beyond the audiogram and selected acoustic coupling, creating a more accurate, customized fitting calculation.

Phonak Target offers flexibility and control in setting the feedback threshold. There is full transparency on what can be achieved with the selected coupling.

The feedback system strikes a balance between achieving maximum audibility, especially for soft sounds and sound quality, including streaming.

How to use it?

- Insert the hearing aid into the client's ear. Verify that the coupling matches what is entered into Phonak Target.
- Run a feedback test. If necessary, optimize acoustics and repeat measurement.
- Adjust feedback threshold overtuning, as needed. A maximum of 12 dB gain can be achieved with overtuning.
- If the feedback test cannot be performed, adjust the estimated feedback threshold using overtuning.

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