

Welcome to the new PATH MEDICAL NEWSLETTER. This publication is intended to highlight features of our products, tips on best practices, and how to use PATH MEDICAL devices. We hope that you find the information valuable and would love to have your feedback and suggestions for topics. Please write to us at academy@pathme.de.

nanoAudio: A solution for occupational Hearing Assessment

Occupational hearing assessment must be fast and reliable, as real-world settings often involve evaluating dozens or even hundreds of workers exposed to risk factors for hearing loss. nanoAudio is a pure-tone, air-conduction, portable audiometer, ideal for meeting these demands due to its portability, compatibility, and ease of use.

This is a fully portable system that can be taken anywhere, allowing the professional to perform assessments in a wide range of environments. The nanoAudio is as compact as a mobile phone, measuring only 150 x 72 mm. The system includes a headset and a USB cable that connects directly to any computer, laptop or tablet running Microsoft Windows 10, where the software has been previously installed.

Powered directly through the computer's USB port, eliminating the need for an external power supply. This makes the system both easy and safe to operate. An optional patient response button is also available.

Patients can be created and stored directly within the PATH software, or can be integrated with NOAH. This allows workflow optimization by entering patient data in advance.

Up to four fully customizable protocols can be created, including up to nine frequencies within the 125 Hz to 8000 Hz range, with continuous or pulsed tones, along with other relevant settings for automated testing.



During the Test

The nanoAudio was designed with focus for use with cooperative patients of sufficient developmental age or mental maturity, as the operator is dependent on the subject ability to respond to stimuli, by either patient button or direct oral answers.

Two test modes are available:

- *Manual Audiometry / Test*

The evaluator selects the ear to be tested and can easily navigate through frequencies and intensity levels using a mouse or keyboard, recording patient responses by pressing ENTER.

- *Automatic / Patient-Controlled Audiometry (Hughson-Westlake)*



Once the patient has been properly instructed and clearly understands how to use the response button, including when to press and release it, the test runs automatically.

After the Test

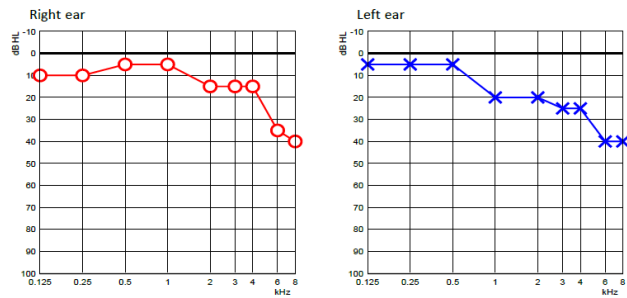
At the end of the test, session comments can be easily added, and a PDF report can be generated. This report can be customized with the evaluator's logo, as well as a header and footer containing professional information.

nanoAudio Report

Report date: 3/25/2026



Audiograms



Ear	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz	8 kHz
Left	5 dB HL	5 dB HL	5 dB HL	20 dB HL	20 dB HL	25 dB HL	25 dB HL	40 dB HL	40 dB HL
Right	10 dB HL	10 dB HL	5 dB HL	5 dB HL	15 dB HL	15 dB HL	15 dB HL	35 dB HL	40 dB HL

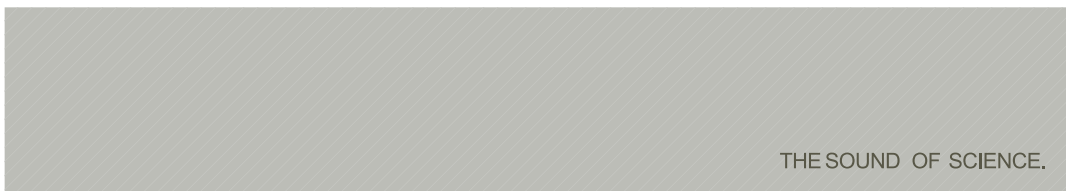
Comment

Annual follow-up

References

- nanoAudio Manual

https://www.pathme.de/download/manuals/2401_nanoAudio_IFU_EN_05.pdf



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