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Release Note for Users

Diagnostic Suite 2.8



Interacoustics

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Project:	Diagnostic Suite 2.8
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Introduction

Dear business partner,

Interacoustics is happy to announce the release of the new **Diagnostic Suite 2.8**. This release introduces a new headset, PTA calculation in specific markets, additional settings for Hughson-Westlake alongside general stability and functional improvements.

A minor firmware update is released for AS608, AD226, AD528, AD629, AC40, AT235 and AA222.

Windows® requirements

Before installation, please ensure that the Windows® operating system is compatible with the new software module.

	Diagnostic Suite	Noah 4	OtoAccess® Database
Current released version	2.8	4.12.1	2.0.1
Windows® compatibility			
7 Professional – 32 bit	Yes	Yes	Yes
7 Professional – 64 bit	Yes	Yes	Yes
8 Professional – 64 bit	Yes	Yes	Yes
10 Professional – 32 bit	Yes	Yes	Yes
10 Professional – 64 bit	Yes	Yes	Yes

Diagnostic Suite

Push/Pull transfer of data

In the current version, the session is transferred to the suite when pressing 'save session' on the device and the results are pushed to the suite. In the new update it is possible to pull the current session from the device by pressing the transfer arrow in the suite. The ability to pull the result from the device to the suite is available on AD226, AD528, AD629, AD40, AT235 and AA222.



PTA calculation

This update introduces an option to customize the way PTA is calculated. Instead of all the frequencies being weighted equally, it is now possible to decide if some frequencies should be weighted double.

The options available for the PTA calculation will be the traditional way with all frequencies weighted equal and the two Japanese versions of the PTA calculation illustrated below.

- 4 calculations: $(500+1000+1000+2000)/4$
- 6 calculations: $(500+1000+1000+2000+2000+4000)/6$

The customizable PTA calculation is available in the Diagnostic Suite and in the following standalone devices: AC40, AD629, AA222 and AD528.

Hughson-Westlake

This update introduces an option to stop and restart an automatic test before time. Press SHIFT and the play button to restart the test on the AD528. This is also added for the Bekesy test.

Set the on-time to either 1 or 2 seconds (AS608, AD226 & AD528)

You can now choose between a 1- or 2-second sound duration. Previously, this was set to 2 seconds by default.

Set the random time between 0 and 1.6 seconds (AS608 and AD528)

The random time length can now be adjusted. The random time will be added to the set time of 2 seconds, thereby varying the time between the tones being presented.

Set the threshold limit between -10 and 20 dB (AS608, AD226 and AD528)

Set the lower limit to determine when the test should move on to the next frequency. The test will move on when there is a positive response on the dB level that has been chosen as the lower limit.

AD528

VU meter

For speech testing, you can now adjust the sound level using a VU meter. Press SHIFT during a long press on speech and the VU meter will appear on screen.

dB step key

A dB step key for the SNR test has been introduced. The button appears in the display when the SNR test is started. Press the '1,2,5 dB' button to toggle the dB step size. The chosen step size is indicated on the label of this button.

Manage clients

This update makes it possible to edit or delete existing clients directly from the client's session and not only from the saved session.