

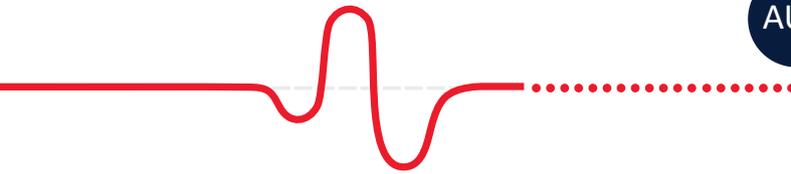


AVANT A2D+
Dual Channel Audiometer

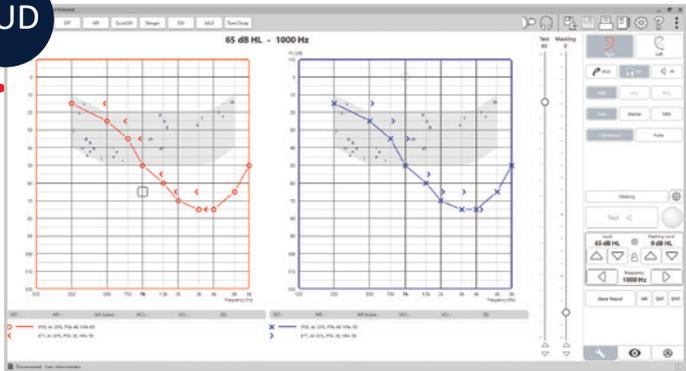
Compact PC-Based Diagnostic Audiometer

Complete Air, Bone, Speech
and Masking Audiometer.
Diagnostic Testing Faster and
Easier.





AUD



Dual Channel Audiometry

Perform air conduction, bone conduction, masking and speech testing using the mouse and/or keyboard with ease.

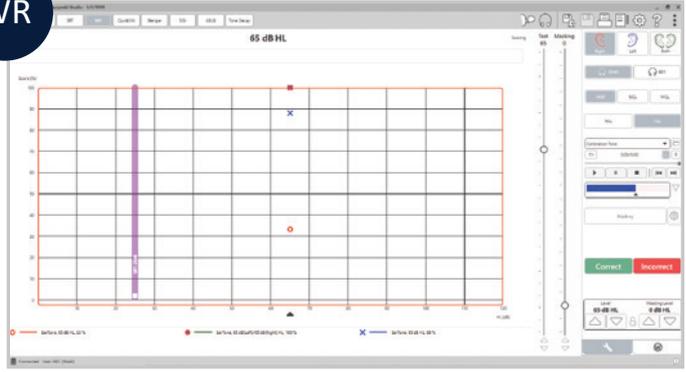
A2D+ Standard Accessories

- Transducers: DD65v2, DD45 or IP30
- Bone Conductor
- Operator Mic / Monitor Headset
- Patient Response Switch
- Talkback Microphone
- Auditec Sound File License
- QuickSIN™ License
- USB Cable
- Software & Manuals
- Carrying Case

A2D+ Optional Accessories

- DD450 Headphones

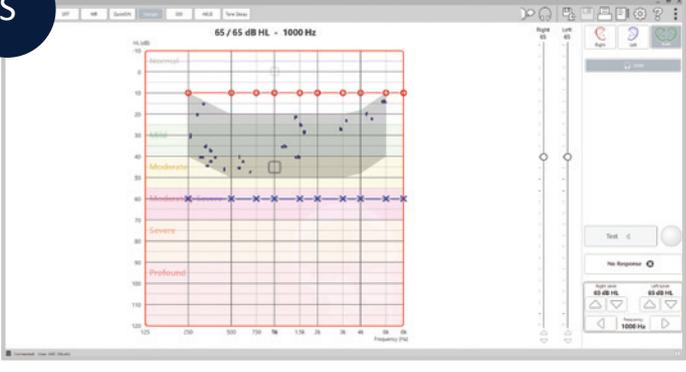
WR



Word Recognition (WR)

WR testing measures the percentage of mono-syllable words repeated correctly from a phonetically balanced list.

S



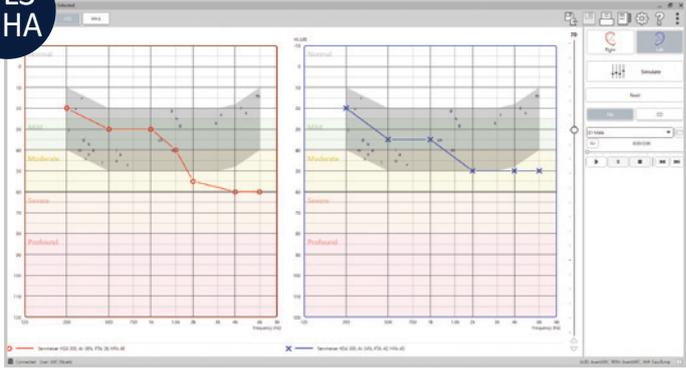
Stenger Test

Stenger is performed when there is a 20dB difference between ears.



The AUD Module offers pure tone audiometry via earphones and bone conduction.

HLS MHA



HLS/MHA

Easily simulate hearing loss and hearing instruments for patients.

Complete Air, Bone, Speech and Masking Audiometry

- Dual Channel Audiometry
- Complete Air, Bone, Speech and Masking Audiometry
- Integrated QuickSIN™ and Automated Audiometry
- Built-in Special Tests, Word Lists and Auto-Scoring
- ACT™ Test - Addresses patient's complaint
 - hearing in noise
- HLS (Hearing Loss Simulator) & MHA (Master Hearing Aid) for 3rd Party Demonstration
- PC Based and Portable
- HID Device - True Plug and Play
- USB Connection to Computer
- Noah, TIMS, Blueprint OMS and Sycle Compatible



MedRx AVANT A2D+ Audiometer

The AVANT A2D+ is a PC-based dual channel diagnostic audiometer. Approx. 16 cm x 12 cm x 3 cm (L x W x H) and when combined with a laptop is portable and easily configured for any office layout.

Studio Software AUD Module

The A2D+ Audiometer software can run stand-alone or from within the Noah System. The AUD Studio Software Module offers pure tone audiometry via earphones and bone conduction, masking and speech audiometry with SRT (Speech Recognition Threshold), WR (Word Recognition), SISI (Short Increment Sensitivity Index), ABLB (Alternate Binaural Loudness Balance), Stenger, Tone Decay and Integrated QuickSIN™ Testing & Automated Audiometry. Several options are available which allow the user to customize the A2D+ Software to meet their needs.

The Ultimate Office+ Package

Get the AVANT A2D+ Dual Channel Audiometer and the AVANT REM Speech+ Live Speech Mapping System along with a convenient carrying case. Together they make up The Complete Audiological Testing & Fitting System.

Counseling Tools (HLS/MHA)

The Hearing Loss Simulator (HLS) demonstrates the effect of the client's hearing loss for the spouse or family member. The program attenuates an input signal to simulate the severity of the loss for the third party. The Master Hearing Aid Simulator (MHA) demonstrates the benefits of amplification of a hearing aid to an inexperienced user. Using these tools can empower the patient and third party to make informed decisions about their hearing healthcare.



AVANT A2D+

Technical Specs

Standards: ANSI S3.6, Type 2 AE (IEC 60645-1&2) Tone Audiometry, Speech Audiometry, Stenger Test, QuickSIN™, ABLB, SISI, Tone Decay, Hughson Westlake Automated Audiometry

Channels: Two

Outputs: Insert Earphones, Headphones, Bone Conductor, Free Field – Line Level Output

Tone Stimuli: Pure Tone, Warble Tone, Continuous Or Pulsed. Warble Modulation Frequency And Pulse Period Are User Adjustable

Masking Signals: Tone Audiometry: Narrow Band Noise (Default), Speech Weighted Noise, White Noise. Speech Audiometry: Speech Weighted Noise (Default), White Noise, External Recorded (Opposite Channel)

Frequency Range USB Power Only: Air: 125 Hz – 8000 Hz, Bone: 250 Hz – 8000 Hz, Sound Field: 125 Hz – 8000 Hz (Line Level)

Acoustic Distortion: < 1.0% At 500 Hz, 100 dB SPL

Noise Floor: < -10 dB HL From 125 Hz – 8000 Hz

Attenuation: 1 dB Or 5dB Steps, User Selectable

Minimum / Maximum Output: -10 dB To 120 dB HL At 1 KHz – Air (¼ Inch Mono Jacks), -10 dB To 75 dB HL At 1 KHz – Bone (¼ Inch Mono Jack)

Free Field Output: Frequency Range 125 Hz – 8000 Hz, Dynamic Range 60-90+ dB SPL At 1 Meter Distance, (Using 50 Watt Stereo Amplifier With 89 dB Sensitivity Speakers)

Speech Input: Microphone (3.5 mm Stereo Jacks)

I/O Jacks – 3.5mm: Operator Headphones (Output), Operator

Talk Forward Microphone, Patient Talk Back Microphone, Free Field (Line Out)

I/O Jacks – 1/4": Left Air Conduction (2), Right Air Conduction (2), Bone Conduction, Patient Response Switch

Communication Port: USB (Provides All Device Power)

Power Requirements: USB Power +5 Volts DC, Less Than 500mA

Enclosure: Aluminum Chassis Bottom, Molded PC ABS With Stainless Steel Insert Top Cover With Plastic Feet

Operating Temperature: 10°C To 35°C

Operating Humidity: 30% To 90%

Storage Temperature: -20°C To 50°C

Storage Humidity: 10% To 90%

Dimensions: Approx. 16 cm x 12 cm x 3 cm (L x W x H)
Approx. 6.5" x 5" x 1.25" (L x W x H)

Weight: < 500 g < 1 lb

Standard Accessories: Transducers: DD65v2, DD45 Or IP30, Bone Conductor, Operator Mic / Monitor Headset, Patient Response Switch, Talkback Microphone, Auditec Sound File License, QuickSIN License, USB Cable, Software & Manuals, Carrying Case

Optional Accessories: DD450 Headphones

MedRx Minimum Computer Specs:

Windows® PC compatible computer, Intel™ i5, 2.0 GHz or better. 4 GB RAM. 20 GB free hard drive space. Available 2.0 USB Port. Windows 10 or 11 Professional (32 Or 64-Bit).

MedRx®

Good Things Come in Small Packages

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Distributed by:



The AVANT A2D+ is a dual channel, air, bone, speech and masking audiometer.

MX-A2D-INTDS-1 Rev. 3

