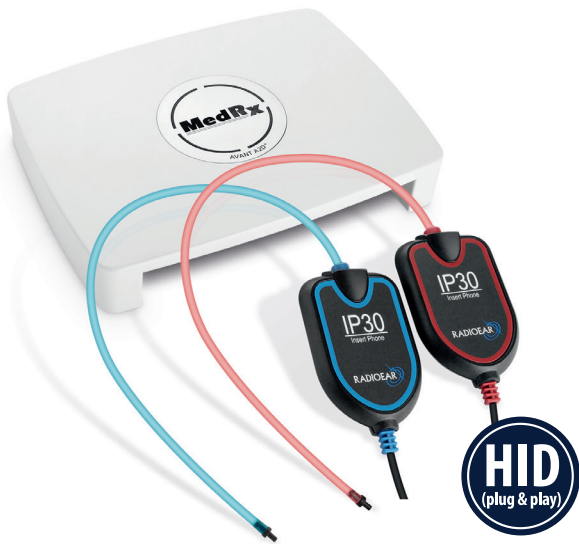


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AVANT A2D+

Dual Channel Audiometer

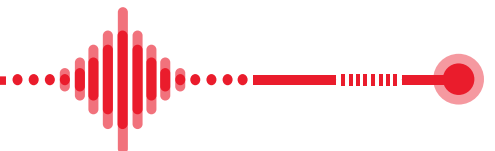
Diagnostic Testing Faster & Easier

Complete Air, Bone, Speech
and Masking Audiometry.

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

