

MedRx[®]

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AVANT A2D+
Dual Channel Audiometer

Diagnostic Testing Faster & Easier

Complete Air, Bone, Speech
and Masking Audiometry

MedRx[®]

888-392-1234

To Schedule An Online Demo



AVANT A2D+

Technical Specs

Standards: ANSI S3.6-2010, Type 2 AE (IEC 60645-1&2)
Tone Audiometry, Speech Audiometry

Channels: Two

Outputs: Insert Earphones or TDH 39 Headphones (DD45).
B71 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, 100dB SPL

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

Attenuation: 1dB 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

Dimensions: Approx. 6.5" x 5" x 1.25" (L x W x H), Approx.
16.5 cm x 12.7 cm x 3.2 cm (L x W x H)

Weight: <1 lb < 500 g

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

Environmental Requirements: Working Temperature Range
From 50F (10C) To 95F (35C), Humidity Range From 30 To 90 %, Atmospheric Pressure Range From 98 kPa To 104 kPa, Storage Temperature Range At Least From 0°C To 50°C

MedRx[®]

Good Things Come In Small Packages

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MedRx Minimum Computer Specs:

Windows[®] PC compatible computer, Intel[™] i5 Dual Core, 2.0 GHz or better. 4 GB RAM. 20 GB free hard drive space. Available 2.0 USB port. Windows 7, 8 or 10 Professional (32 or 64-bit).

MX-A2D-DS-1

