

Live Speech Mapping AVANT REM SPEECH⁺

Welcome to the
New Generation

Now
With Automatic
Driver
Installation!



No Longer USB port specific!

The AVANT REM⁺ offers HID (Human Interface Device) technology—choose any USB port and your computer will recognize the device instantly upon installation. We've eliminated port-specific drivers, making installation and operation more convenient.

In addition, we've added an internal speaker amplifier for greater output capability. (Requires external power)

- Binaural Live Speech Mapping and Real Ear Measurement System
- 3D-Speech Mapping
- Hearing Loss Simulator for 3rd Party Demonstration
- Compact Design
- USB connection to computer
- Runs with NOAH™ or stand-alone
- Modular (can be used with other AVANT products)

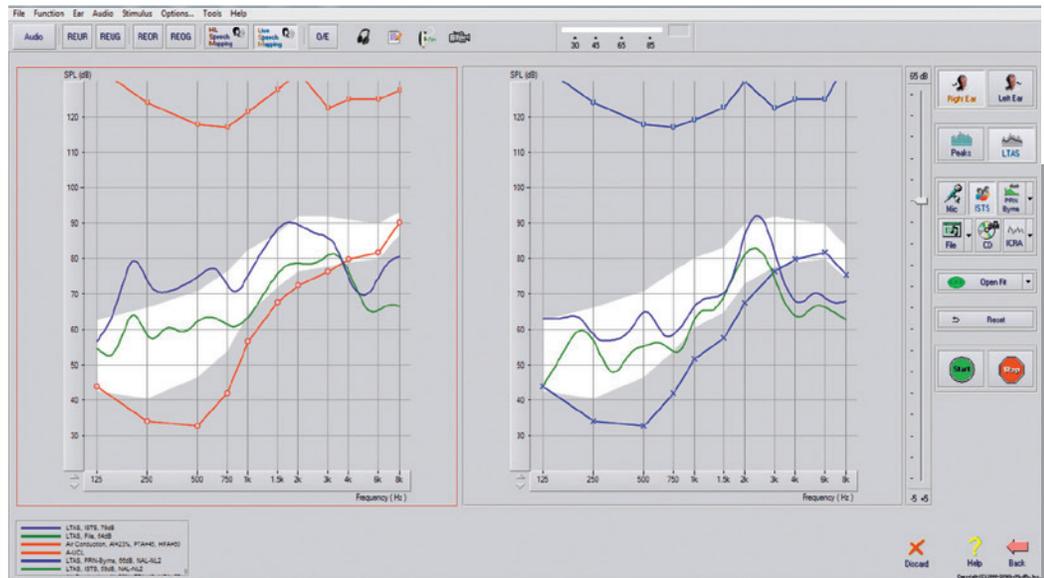
AVANT™ REM⁺

Real Ear Measurement AVANT REM Speech+ and REMsp

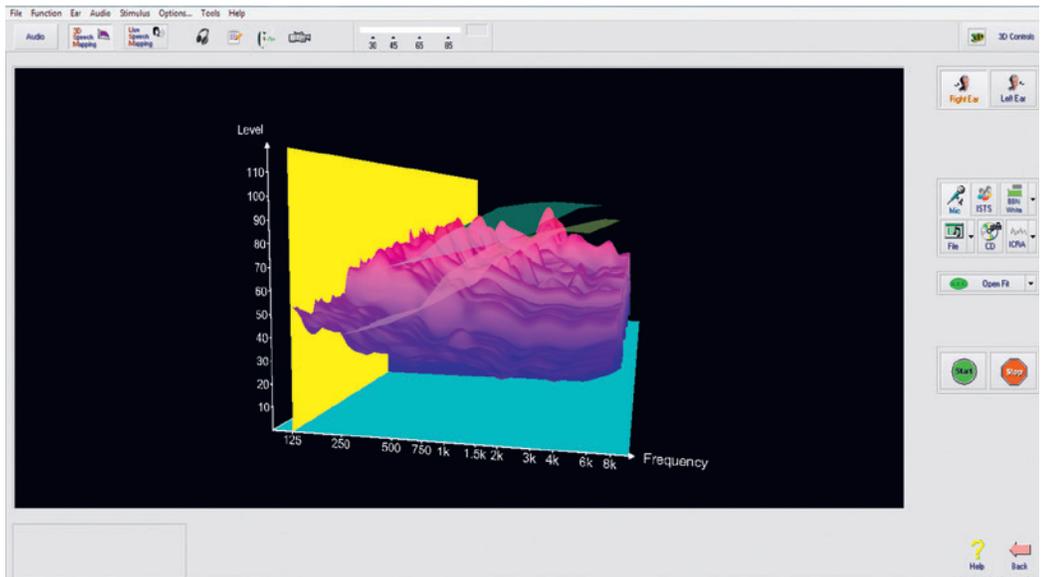
Minimum Computer Requirements

- Windows®-PC compatible computer
- Intel™ Dual Core, 1.8 GHz or better
- 2 GB RAM; 5 GB free hard drive space
- 2 available 2.0 USB ports
- CD-Rom or DVD-ROM Drive
- Windows 7 or 8 Professional (32 or 64-bit)

Specifications subject to change without notice



Live Speech Mapping including MSS target (other available targets; DSL v5.0, NAL-NL1 and NAL-NL2)



3D Speech Mapping



Underside of the REM Speech+



Functional On-Top Mode allowing you to view fitting software and REM+ software simultaneously while making necessary adjustments

REM and Live Speech Mapping Software

REM Speech⁺ and REMsp Software

The software offers an intuitive user interface for data collection, patient monitoring and counseling. In addition to Live Speech Mapping, the AVANT REM Software supports all traditional Real Ear Measurements and includes targets for MSS (Modified Speech Spectrum), DSL v5.0, NAL-NL1 and NAL-NL2. Includes HLS (Hearing Loss Simulator) and MHA (Master Hearing Aid) Modules.

Several options are available which allow the user to customize the software to meet their needs.

■ MedRx AVANT REM Speech⁺

In-Situ Verification

The AVANT REM Speech⁺ represents a new era of precision in-situ verification for your office. Compact yet rugged, this PC-based system is USB powered and supports all ANSI and IEC Real Ear tests.

Standard Accessories

- Sure -Probe™ microphone system with lighted visual cues and 2 probe microphones.
- 2 headphones and a powered set of speakers.
- Carrying case; USB cable; probe tubes; protective probe microphone storage box.
- An external power supply is included for use with the internal stereo speaker amplifier.
- Optional RECD Coupler

Features

Features include the Sure-Probe microphone system with lighted visual cues and a selectable dual probe measurement option that allows the user to do Live Speech Mapping on both ears simultaneously. The unique MedRx Probe Monitoring system (only on REM⁺ System) allows the user to monitor/listen to the real-time hearing aid output at the ear drum. (via supplied headset)

Note: 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 Ultimate Office⁺, *the complete audiological testing & fitting system.*

■ MedRx AVANT REMsp

The Monaural Live Speech Mapping System

While the AVANT REMsp is about the size of a typical computer flash drive you have the same testing features as with the REM Speech⁺ system. The REMsp is a single probe comprehensive REAL EAR Measurement and Live Speech Mapping system.



Standard Accessories

- Sure -Probe™ with Adjustable Loop
- Portable Speaker
- Carrying Case
- USB Extender Cable
- Probe Tubes
- Protective Probe Microphone Storage Box
- Optional RECD Coupler

Live Speech Mapping

AVANT REM Speech⁺ and REMsp



Online live interactive training



Your customers really understand when they see the results



Plug in to Live Speech Mapping with the AVANT REMsp

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Welcome to the New Generation

Specifications

AVANT REM Speech⁺ and REMsp

About MedRx

MedRx, Inc. is a U.S. based global manufacturer and innovator of advanced computerized diagnostic and hearing instrument fitting technologies, specifically designed for the hearing care professional.

MedRx has created a remarkable New Generation of discreet, yet powerful PC-based instrumentation for Audiometry, Real Ear Measurement, Live Speech Mapping, Hearing Instrument Testing & Evaluation and Video Otoscopy.

Technical Specifications

	AVANT REM Speech⁺	AVANT REMsp
Probe Microphones (L/R)	Dual Electret Microphone Elements (2 Probe Microphones)	Dual Electret Microphone Elements (One Probe Microphone)
Probe Microphone Tube	Silicone 1.0 mm Nominal Diameter	Silicone 1.0 mm Nominal Diameter
Measurement Range	40 - 120 ± 3 dB SPL	45 - 110 ± 3 dB SPL
Measurement Frequency Range	125 - 8000 Hz	125 - 8000 Hz
Test Stimuli	Broadband Noise and Synthesized Random Noise - Pink, White, Byrne LTASS and ANSI weighted; ICRA; ISTS; Microphone, File, CD-ROM for Live Speech Mapping , Chirp	Broadband Noise and Synthesized Random Noise - Pink, White, Byrne LTASS and ANSI weighted; ICRA; ISTS; Microphone, File, CD-ROM for Live Speech Mapping , Chirp
Test Stimulus Levels at 1m	45 - 90 dB SPL in 1 dB Steps - 200 Hz thru 8K Hz (depending on speaker wattage & efficiency)	45 - 90 dB SPL in 1 dB Steps (depending on speaker wattage & efficiency)
Test Stimulus Accuracy	± 3 dB SPL	± 3 dB SPL
Equalization	Pressure Method	Pressure Method
Analysis Mode	User Selectable 1/3, 1/6, 1/12, 1/24, 1/48 Octave Bands	User Selectable 1/3, 1/6, 1/12, 1/24, 1/48 Octave Bands
ANSI S3.46-1997 Test Available IEC/EN 61669:2001	Real Ear Unaided Response, Real Ear Unaided Gain; Real Ear Insertion Gain; Real Ear Occluded Response; Real Ear Occluded Gain; Real Ear Aided Response; Real Ear Aided Gain	Real Ear Unaided Response, Real Ear Unaided Gain; Real Ear Insertion Gain; Real Ear Occluded Response; Real Ear Occluded Gain; Real Ear Aided Response; Real Ear Aided Gain
Other Test Available	Live Speech Mapping with Peaks and LTASS analysis; Real Ear to Coupler Difference, Occlusion Effect, Percentile Analysis	Live Speech Mapping with Peaks and LTASS analysis; Real Ear to Coupler Difference, Occlusion Effect, Percentile Analysis
Prescription Methods	NAL-RP; 1/3 Gain; 1/2 Gain; Berger; Pogo 1; Pogo 2; FIG6; DSL m[I/O] NAL-NL1; NAL-NL2	NAL-RP; 1/3 Gain; 1/2 Gain; Berger; Pogo 1; Pogo 2; FIG6; DSL; NAL-NL1; NAL-NL2
External Connections	Power Connection USB 2.0 Input 5.0 Volt Bus; Line-Output Jack (Speakers) 3.5 mm Stereo Jack; Speaker Output (Internal Amplifier) (2) 3.81mm Pluggable Spring Clamp; Probe Microphones Inputs (2) 8 Pin Mini-DIN; Operator Headset Jack 3.5 mm Stereo Jack; Patient Headset Jack 3.5 mm Stereo Jack; Power Jack 2.1 mm X 5.5 mm.	Power Connection USB 2.0 Input 5.0 Volt Bus ± 0.2 Volts, "A" Plug; Line-Output Jack (Speakers) 3.5 mm Stereo Jack (0.15 AC Volts RMS, Min. at 1 kHz); Probe Microphone Permanently Connected.
Dimensions & Weight	Approx. 6.5" x 5" x 1.25" • 16.5 cm x 12.7 cm x 3.2 cm (L x W x H) < 1 lb, < 500 g	Approx. 3.25" x 1" x .75" • 8.3 cm x 2.5 cm x 2.0 cm (L x W x H) < 4 oz, < 120 g

