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)
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
Welcome to the New Generation

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.


Specifications

AVANT REM Speech+ and REMsp

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<tr>
<th>Technical Specifications</th>
<th>AVANT REM Speech+</th>
<th>AVANT REMsp</th>
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<tbody>
<tr>
<td>Probe Microphones (L/R)</td>
<td>Dual Electret Microphone Elements (2 Probe Microphones)</td>
<td>Dual Electret Microphone Elements (One Probe Microphone)</td>
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<tr>
<td>Probe Microphone Tube</td>
<td>Silicone 1.0 mm Nominal Diameter</td>
<td>Silicone 1.0 mm Nominal Diameter</td>
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<tr>
<td>Measurement Range</td>
<td>40 - 120 dB ± 3 dB SPL</td>
<td>45 - 110 dB ± 3 dB SPL</td>
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<tr>
<td>Measurement Frequency Range</td>
<td>125 - 8000 Hz</td>
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<tr>
<td>Test Stimuli</td>
<td>Broadband Noise and Synthesized Random Noise - Pink, White, Byrne LTASS and ANSI weighted; ICRA; ISTS; Microphone, File, CD-ROM for Live Speech Mapping, Chirp</td>
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<tr>
<td>Test Stimulus Levels at 1m</td>
<td>45 - 90 dB SPL in 1 dB Steps - 200 Hz thru 8K Hz (depending on speaker wattage &amp; efficiency)</td>
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<tr>
<td>Test Stimulus Accuracy</td>
<td>± 3 dB SPL</td>
<td>± 3 dB SPL</td>
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<tr>
<td>Equalization</td>
<td>Pressure Method</td>
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<tr>
<td>Analysis Mode</td>
<td>User Selectable 1/3, 1/6, 1/12, 1/24, 1/48 Octave Bands</td>
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<tr>
<td>ANSI S3.46-1997 Test Available</td>
<td>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</td>
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<tr>
<td>IEC/EN 61669:2001</td>
<td>Live Speech Mapping with Peaks and LTASS analysis; Real Ear to Coupler Difference, Occlusion Effect, Percentile Analysis</td>
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<tr>
<td>Other Test Available</td>
<td>NAL-RP; 1/3 Gain; 1/2 Gain; Berger; Pogo 1; Pogo 2; FIG6; DSL; NAL-NL1; NAL-NL2</td>
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<tr>
<td>Prescription Methods</td>
<td>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.</td>
<td>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.</td>
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<td>Dimensions &amp; Weight</td>
<td>Approx. 6.5&quot; x 5&quot; x 1.25&quot; - 16.5 cm x 12.7 cm x 3.2 cm (L x W x H) &lt; 1 lb, &lt; 500 g</td>
<td>Approx. 3.25&quot; x 1&quot; x .75&quot; - 8.3 cm x 2.5 cm x 2.0 cm (L x W x H) &lt; 4 oz, &lt; 120 g</td>
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