



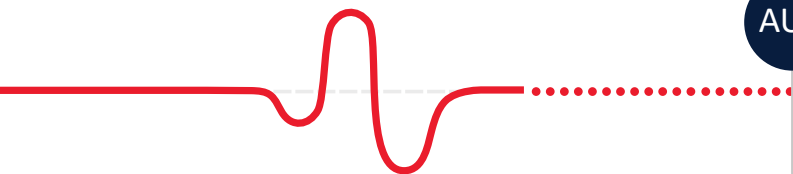
### **MedRx AWRC**

Audiometry & Wireless  
REM/LSM

## **Wireless REM/LSM and Clinical Audiometer Combined in One Compact System**

Audiometry Testing up to 20 kHz  
with High Frequency Option





AUD

## AWRC Standard Accessories

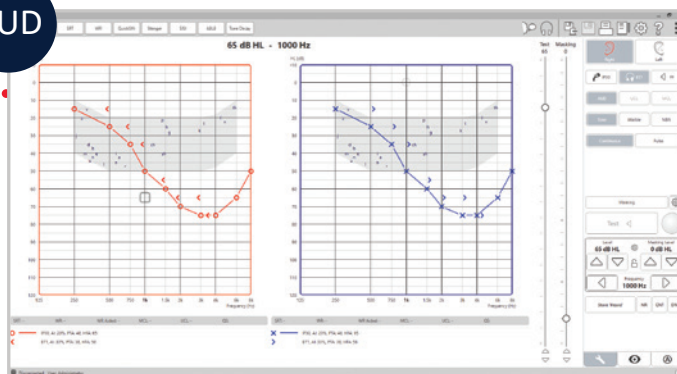
- Wireless Probe Mics with Bow and Charging Base
- Transducers: DD65v2 or DD45 or IP30
- Bone Conductor
- Monitor Headphone
- Speaker
- Patient Response Switch
- Talkback Microphone
- Auditec Sound File License
- QuickSIN™ License
- ACT™ License
- USB Cable
- External Power Supply
- Probe Tube Pack
- Software & Manuals
- Carrying Case

## AWRC Optional Accessories

- High Frequency Option with DD450 Headphones
- RECD Coupler



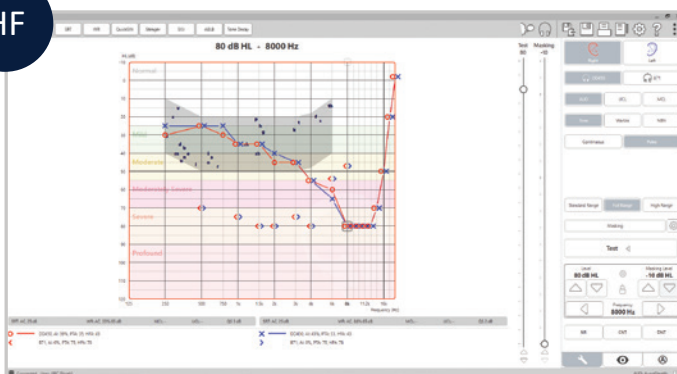
Insert probe tubes with confidence using the depth guide.



## Dual Channel Audiometry

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

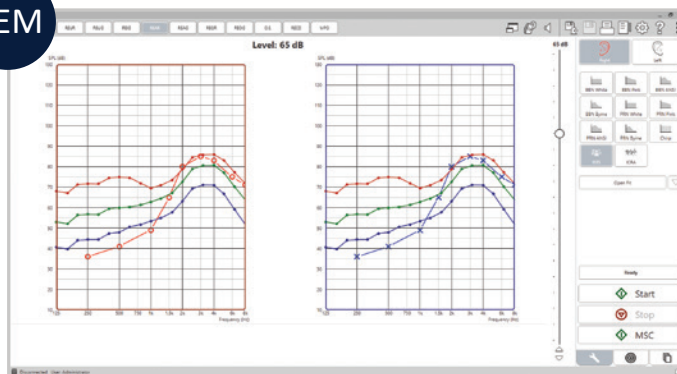
HF



## High Frequency Option

Allows Testing Up To 20 kHz with the high frequency option.

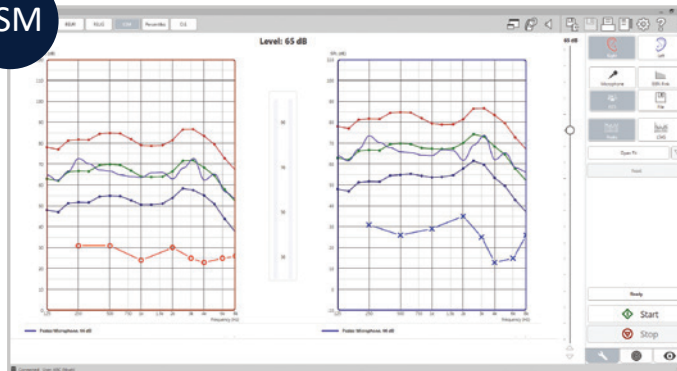
REM



## Real Ear Measurements

IEC/ANSI standard REM functions are provided for: REUR, REUG, REIG, REAG, REAR, REOR, REOG and RECD. Testing up to 12.500 Hz.

LSM



## Live Speech Mapping

Live Speech Mapping (LSM) a quick and successful approach to hearing instrument fitting. Testing up to 12.500 Hz.

# Audiometry and Wireless REM/LSM In One Compact Device

- Complete Air, Bone, Speech and Free Field Audiometry
- Built-in Special Tests, Word Lists, and Auto-Scoring
- ACT™ Test - Addresses patient's complaint - hearing in noise
- Tinnitus Test - Precisely Identify a Patient's Tinnitus
- Audiometry Testing up to 20,000 Hz with High-Frequency Option
- Wireless, Binaural Live Speech Mapping, Real Ear Measurements, Percentile Analysis
- REM AutoFit Compatible
- The REM Software includes targets for MSS (Modified Speech Spectrum), DSL v5.0, NAL-NL1, NAL-NL2 and NAL-NL3
- 3rd Party Counseling and Demonstration with Hearing Loss Simulator and Master Hearing Aid
- PC-Powered with USB-C Connection
- Portable and Compact at Only 20cm x 12cm x 3 cm (L x W x H)
- Noah, TIMS, Blueprint OMS, Sycle and OtoAccess 2 Compatible

## MedRx AWRC

The MedRx AWRC is a complete dual-channel audiometer and high frequency wireless REM/LSM system combined for convenient, space-saving testing and fitting. The 2-in-1 device is optimized for mobile testing or to reduce your equipment's desktop footprint. With a high frequency audiometer option available, you can ensure you're choosing features that align best with your practice's needs. The MedRx AWRC allows you freedom and flexibility to operate at your most efficient.

Contact your local MedRx Sales team to upgrade to high frequency audiometry at any time.

## Wireless Real Ear Measurement and Live Speech Mapping

MedRx's modern REM and LSM software modules allow clinicians to fit hearing aids more accurately



than ever, improving patient satisfaction and reducing hearing aid returns. Powered only by the USB on your computer, the AWRC allows clinicians to fit up to 12,500 Hz. The AWRC also uses two wireless Bluetooth probe microphones that connect to your REM system automatically for each fitting session.

## Dual-Channel Audiometry

MedRx's audiometry modules allow hearing care providers to perform tests on a modern, easy-to-use software. Use this software to test at 8,000 or out to 20,000 Hz with an optional high frequency add-on. Audiometer modules always come with built in special tests, ACT, QuickSIN, Tinnitus and word lists, and auto-scoring.

## Counseling Tools

MedRx's Hearing Loss Simulator (HLS) and Master Hearing Aid Modules (MHA) are available on all AWRC devices, giving providers the tools they need to counsel patients and family members. The HLS demonstrates the effect of the client's hearing loss for the spouse or family member. The Master Hearing Aid Simulator (MHA) demonstrates the benefits of a hearing aid to an inexperienced user.



# MedRx AWRC

## Technical Specs

### Standards:

**REAL EAR MEASUREMENT:** Meets Or Exceeds All Tests Required In The ANSI S3.46 Methods Of Measurement Of Real-Ear Performance Characteristics Of Hearing Aids, Along With The Requirements Of IEC 61669

**Probe Microphones (L/R):** Dual Electret Microphone Elements

**Probe Microphone Tube:** Silicone 1.0 mm Nominal Diameter

**Measurement Range:** 40-120  $\pm$  3 dB SPL

**Measured Frequency Range:** 125-12500 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

**Test Stimulus Levels At 1m:** 40-90 dB SPL In 1 dB Steps – 200 Hz Through 12500 Hz (Depending On Speaker Wattage And Efficiency)

**Test Stimulus Accuracy:**  $\pm$  3dB SPL

**Equalization:** Pressure Method

**Analysis Mode:** User Selectable 1/3, 1/6, 1/9, 1/12, 1/24, 1/48 Octave Bands

**ANSI S3.46 Test Available IEC 61669:** 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 Tests Available:** Live Speech Mapping With Peaks And LTAS 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 v5.0, NAL-NL1, NAL-NL2, NAL-NL3

**Probe Monitoring:** Available With Headset

### REM EXTERNAL CONNECTIONS

**USB 3.0 Input:** Standard USB "C" Socket

**Line-Output Jack** (REM Or Audiometry Speakers): 3.5mm Stereo Jack

**Speaker Output** (Internal Amplifier) (2): 3.81mm Pluggable Spring Clamp

**Probe Microphones inputs:** Bluetooth

**HEARING LOSS SIMULATOR AND HEARING AID SIMULATOR:** Software Based Sound Equalization With Available Live Speech Mapping Functionality. Frequency Range 125 Hz – 8000 Hz, 13 Band Equalizer

### Standards:

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

**Channels:** Two

**Outputs:** Insert Earphones, Headphones, Bone Conductor, Free Field - Line Level Output Or Internal Amplifier

**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 – 20000 Hz, Bone: 250 Hz – 8000 Hz

**Sound Field:** 125Hz – 8000Hz (Line Out)

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

**Noise Floor:** < -10dB HL From 125 Hz – 20000 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 - 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 Jack)

**I/O Jacks – 3.5mm:** Operator Headphones (Output Shared With REM), Operator Talk Forward Microphone, Patient Talk Back Microphone, Free Field (Line Out Shared With REM)

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

### POWER (FOR BOTH REM & AUDIOMETRY)

**Power Connection:** USB 3.0 Input 5.0 Volt Bus

**Max Power Consumption:** Less Than 900 mA At 5.0 Volts

**Power Supply - Internal Speaker Amp:** 15V DC, 2A

**Power Jack:** 2.1mm X 5.5mm

**Optional Powered Speakers:** 120V, 60 Hz Or 100V – 240V, 50/60 Hz Available

**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. 20cm x 12cm x 3cm (L x W x H) Approx. 8" x 5" x 1.25" (L x W x H)

**Weight:** < 1 kg, < 2 lbs

### 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, Compatible with 3.0 USB.



Good Things Come in Small Packages

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