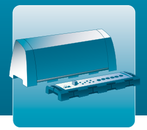
# The Real Ear Fitting System



### Full Flexibility

The Real Ear Fitting System is a modular system that handles Audiometry, Real Ear Measurement incl. Speech Mapping and Hearing Instrument Testing. Choose only the modules you need.

### In the Clinic or on the Go

The Real Ear Fitting Unit is so small that it fits into a laptop bag, making it convenient for home fittings just bringing the unit, headsets and a USB cable.

### Easy Navigation

In the default or customized set-up, the tabs on the Navigation panel reflect the workflow overview, listing all tasks needed for specific visit or client types and check marks indicate finalized and upcoming tasks according to your protocol.

### Professional Counseling

A battery of topic related guidelines with sound files and picture browsing completes the Real Ear Fitting System for professional customer care supporting conformity in hearing assessments. With a Client View on a separate monitor, you can easily counsel your clients professionally about the best treatment.

The Client View used in combination with the sound library or the built in Hearing Loss and Hearing Instrument simulators is a comprehensive tool to guide your clients for optimal Hearing Treatment and to illustrate the actual hearing situation.

### No Calibration Downtime

Calibration is handled by replacing your transducers (headsets), which means there is no system downtime during calibration.

Real Ear
auditdata
*Your Partner in Audiology Solutions*

## *Your Partner in Audiology Solutions*

With more than 20 years of experience, Auditdata continuously strives to provide hearing care professionals with the best solutions on the market through optimized product synergies for measuring equipment and office management systems. Our main objective is to bring value to our customers. For that to happen, we listen to our customers and keep their business needs in focus before, during and after developing our solutions.

If you are interested in partnering with Auditdata, please visit us online:

www.auditdata.com
info@auditdata.com

Scan this QR code with your smart phone for more information.

Real Ear
Strato
AuditBase System

auditdata
*Your Partner in Audiology Solutions*

Real Ear

auditdata
*Your Partner in Audiology Solutions*

- **Audiometry**
- **Real Ear Measurement**
  **incl. Speech Mapping**
- **Hearing Instrument Testing**
- **Client Counseling**

# Making Fitting Systems Easy

# Audiometry

## Full-Featured Audiometry

The Real Ear Fitting System is a PC based diagnostic audiometer providing a wide range of possibilities, which include pure tone and speech audiometry. You also have the option of using high frequency testing. Choose between either inserts or headsets according to your preference or use multiple transducers (headsets) if needed.

## Instant Updates

With true 2 channel Audiometry, the Real Ear Fitting System is fully up to date for today's clinical needs. As a software based audiometer, it has the capability of downloading upgrades for both the software and the firmware from the internet. This enables the system to keep up to date with your future clinical needs, ensuring that the lifetime of the system is longer than previous audiometer systems.

### FACT BOX

| | |
|---|---|
| **Output** | AC, BC and Free Field |
| **Dimensions** | 345 x 110 x 35 mm<br>(350 x 120 x 130 mm with cover) |
| **Weight** | 475g (800g with cover) |
| **Extended range** | +20 dB |
| **Standards** | Tone: IEC 60645-1 / ANSI S3.6 Type 1, Speech: EN 60645-2 / ANSI S3.6 Type A or A-E, Safety: IEC 60601-1 (Class 1, Type B), EMC: IEC 60601-2 |
| **Compatibility** | Noah 3, Noah 4 and certified office management systems |
| **PC minimum requirements** | CPU: Minimum 1.4 GHz processor with 256 MB (512 MB recommended) system RAM, Hard disk space: 1 GB free hard disk space for Primus, Graphics card: 1024 x 768. XVGA, Dual monitor output recommended, Connections: CD drive and USB 2.0 connection required |
| **Operating system** | Windows XP Professional SP2 (32-bit), Windows Vista (32-bit), Windows 7 (32-bit & 64-bit) |

Real Ear auditdata
*Your Partner in Audiology Solutions*

# Real Ear Measurement

## Classic and Future Proof

With classic Real Ear Measurements as well as comprehensive Speech Mapping measurements, the Real Ear Fitting System includes everything you need in a future proof fitting system. All measurements include high frequency testing and are supported by a large sound library including technical sounds, daily life sounds, speech signals and dialogue.

The classic Real Ear Measurements include: Unaided, Occluded and Aided Response as well as Insertion Gain. Toggling between SPL and Gain shows the response measurements in gain view.

## Speech Mapping

Speech Mapping measurements can be predefined and customized for optimal Hearing Instrument fine adjustments, Client counseling and demonstrations.

### FACT BOX

| | |
|---|---|
| **Tests** | REUR/REUG, REOR/REOG, REAR, REIG and RECD capability |
| **Targets** | NAL-NL1, NAL-NL2 and DSL v5 |
| **Frequency Range** | 125 Hz to 16 kHz |
| **Signal levels** | 50-90 dB SPL |
| **Standards** | Classic Real Ear Measurements, compliant with part of EN 61669 and part of ANSI S3.46, Safety: IEC 60601-1 (Class 1, Type B), EMC: IEC 60601-2 |
| **Compatibility** | Noah 3, Noah 4 and certified office management systems |
| **PC minimum requirements** | CPU: Minimum 1.4 GHz processor with 256 MB (512 MB recommended) system RAM, Hard disk space: 1 GB free hard disk space for Primus, Graphics card: 1024 x 768. XVGA, Dual monitor output recommended, Connections: CD drive and USB 2.0 connection required |
| **Operating system** | Windows XP Professional SP2 (32-bit), Windows Vista (32-bit), Windows 7 (32-bit & 64-bit) |

Real Ear auditdata
*Your Partner in Audiology Solutions*

# Hearing Instrument Testing

## Ease of Use

The HIT unit offers full-featured technical measurements for testing and troubleshooting of hearing instruments. The HIT Unit is powered by a USB connection from the PC and can be placed at the most convenient working place.

For all modules including HIT, the stand-alone client data files hold all historical session information and make fittings away from the office very easy.

## Support of Test Standards

The HIT unit supports both IEC and ANSI standards. Hearing Instrument Programming cables can be connected to the unit and, using the software, left or right side connection can be switched through to the chamber connection.

## Automated Test Sequences

In the default or customized set-up, the Navigation panel lists all tasks needed for specific Hearing Instrument Tests. The listed tests can be carried out in an automatic sequence, where the user can control the test steps directly from the action button on the HIT unit.

### FACT BOX

| | |
|---|---|
| **Frequency Range** | 125 Hz to 8 kHz |
| **Frequency Resolution** | 1/6, 1/24th octave based on 2048 pt. FFT |
| **Battery pill types** | 5A, 10A, 312, 13 and 675 |
| **Output** | Loudspeaker or telecoil |
| **Standards** | Hearing Instrument Testing: IEC 60118-7 and ANSI S3.22, Safety: IEC 60601-1 (Class 1, Type B), EMC: IEC 60601-2 |
| **Tests** | OSPL90, Full on gain, Input/Output, Attack/Recovery time, Reference test gain, Frequency response, Equivalent input noise, Harmonic distortion, Battery current drain, Tele Coil |
| **PC minimum requirements** | CPU: Minimum 1.4 GHz processor with 256 MB (512 MB recommended) system RAM, Hard disk space: 1 GB free hard disk space for Primus, Graphics card: 1024 x 768. XVGA, Dual monitor output recommended, Connections: CD drive and USB 2.0 connection required |
| **Operating system** | Windows XP Professional SP2 (32-bit), Windows Vista (32-bit), Windows 7 (32-bit & 64-bit) |

Real Ear auditdata
*Your Partner in Audiology Solutions*