

# Primus Fitting System

## Audiometry

The Primus Fitting System contains all the functions required to perform audiometry, real ear measurements and counselling, and when required, testing of hearing instruments. The system operates within the NOAH framework and you can use it simultaneously with the proprietary hearing instrument fitting systems of your choice.




### Audiometry for real

Primus AUD is a PC based audiometry module providing a wide range of possibilities within pure tone audiometry, bone conduction audiometry and speech audiometry. Hence everything you need to offer audiometry for real.



### Easy navigation by defined workflows

In the default or customized set-up, the tabs on the Navigation panel reflect the workflow during a typical series of sessions with check-list icons suggesting the workflow sequences.

-  Tasks you have visited will have a green check-mark icon next to it.
-  Next task on the list will have a yellow icon with lines in it
-  The remaining tasks will have an icon of a neutral colour with an x inside it

### Professional counselling

A battery of topic related guidelines with sound file and picture browser complete the Primus Fitting System for professional customer care supporting also the branch conformity in hearing assessment.

### All inclusive solution - no calibration downtime

Primus AUD includes the Primus Fitting Unit, Primus Inserts and the unique Primus Probes that hold calibration thus is easily replaced without any system downtime.

As easy as 1, 2, 3 the solution is ordered, software downloaded and hardware on its way. Visit [www.real-ear.com](http://www.real-ear.com) today and enjoy the instant advantages of renting the futureproof Primus Fitting System.

Full featured audiometry

Futureproof fitting system

Predefined workflows for easy navigation

Professional counselling

Innovative client view

Compatible with NOAH3 and certified office management systems

1 year rental period - all inclusive



*The Primus AUD system includes the Primus Fitting Unit, Primus Inserts and Primus Probes. Everything you need to offer audiometry for real - in the branch or on the go.*

# Technical specifications

## AUD/REM unit

*Primus Fitting System is the most visionary fitting system on the market and includes everything you need within audiometry, real ear measurements, client counselling and hearing aid testing. All modules are designed for easy and intuitive use and come with a suite of tools for well documented and easy to understand client counselling. The system operates within the NOAH framework and can be used simultaneously with your choice of fitting software.*

<b>Standards</b>	Audiometry	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	
<b>Tone Testing</b>	Tests	HTL, MCL, UCL, BCL, FF, FF-A	
	Output	AC, BC and Free Field	
	Transducers	Primus Insert, TDH39, HDA280, HDA200, B71 and Free Field Speakers	
	Frequency Range	125 Hz to 16kHz	
	Hearing Levels	-10 dB HL up to 120 dB HL (maximum output is limited by transducer capability)	
	Stimuli Distortion	Less than 1%	
	Stimuli	Pure tone, modulated tone, narrowband noise, white noise, speech-weighted noise, and pink noise	
	Masking		
	Extended range	+20 dB	
	Step size		
	Tone switch	manual or 0.1 - 5 sec. tone duration	
	Client response system	Hand held push button	
	Monitoring	Operator Monitor for talk-back and stimuli	
	Talk over / talk back	Full bi-directional client communication with two-channel operator microphones	
	Client safety	Maximum level limiter (UCL or UCL -15dB)	
<b>Speech Testing</b>	Output	AC, BC, and Free Field	
	Transducers	Primus Insert, TDH39, HDA280, HDA200, B71 and Free Field Loudspeakers	
	Stimuli		
<b>Instrument</b>	Power supply	USB, and external power supply for elevated outputs	
	Dimensions	350 x 120 x 130 mm (345 x 110 x 35 mm without cover)	
	Weight	800 g (475 g without cover)	
	Connections	AC1, AC2, AC3 (HF), BC, Client Response, Real Ear Primus Probes, Talk Back Microphone, Operator Monitor, Left and Right Talk Over/Live Speech, Client Headset, FF1, FF2, FF3, Left and Right Loudspeaker, USB and DC	
<b>Standard included parts</b>	Primus Fitting Unit	<b>Optional parts</b>	TDH 39 Headset      Loudspeaker
	Primus Insert		HDA 280 Headset      Headset with microphone
	Client Response Switch		HDA 200 Headset      Headset w/o microphone
	USB cord		B71 Bone conductor      Microphone
	DC Adaptor		
<b>PC minimum requirements</b>	CPU	Minimum 1.4 GHz processor with 512 MB (1 GB recommended) system RAM.	
	Harddisk space	1 GB free harddisk space for Primus	
	Operating system	Windows XP Professional SP2 (32-bit), Windows Vista (32-bit), including: Vista Home Basic, Vista Home Premium, Vista Business, Vista Enterprise, Vista Ultimate	
	Graphics card	1024 x 768. XGA, Dual monitor output recommended	
	Connections	CD drive and USB 2.0 connection required	

