

# QUICK START GUIDE

## SENTIERO ADVANCED ABR SCREENING

### (GOLD LABEL)

#### TURNING ON/OFF, CHARGING THE DEVICE



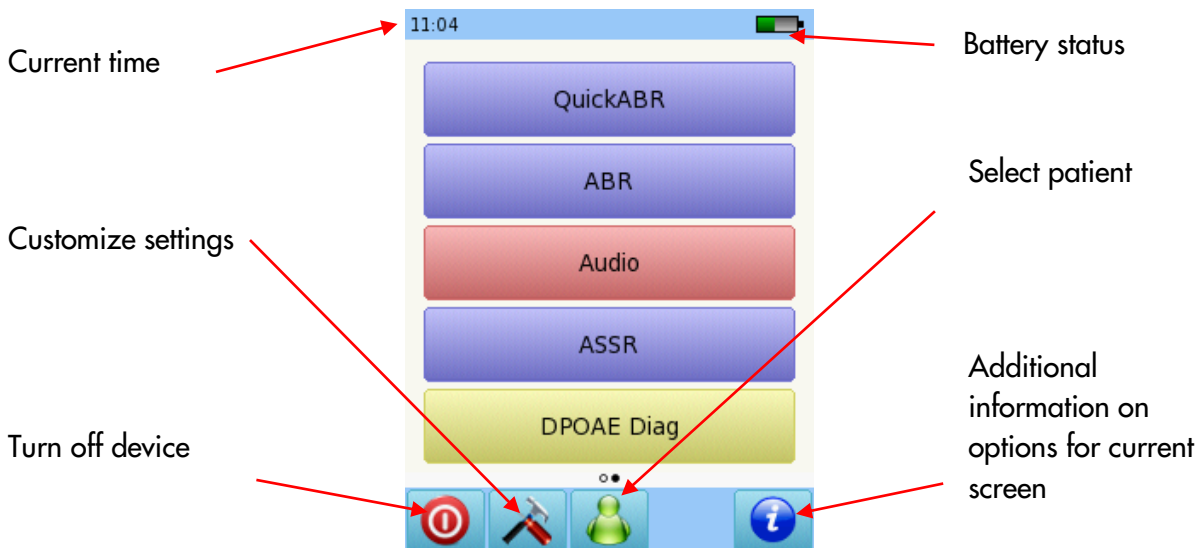
On/off  
button on  
right side



Power  
supply  
connector

#### START MENU

*Note: this screen (test options) can vary depending on your set up*



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## TESTING

### AUDITORY BRAINSTEM RESPONSE (ABR) SCREENING

Please note that single ear testing is shown for ABR screening. For binaural testing instructions, please refer to the ABR diagnostic Quick Start Guide

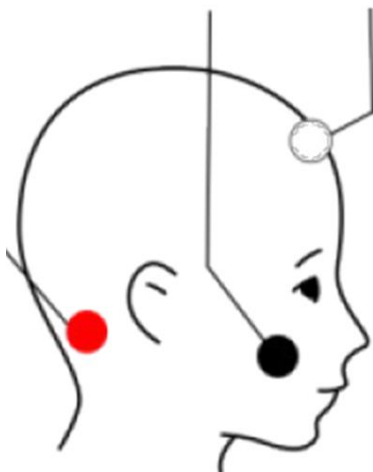
Connect the electrode cable connector.



to the white connector and the probe to the red



Clean the patient's skin and place the electrode pads. Connect the clips to the corresponding sites. Recommended montage is:



White: high forehead  
Black: cheek  
Red: mastoid

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Select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.

Select QuickABR.

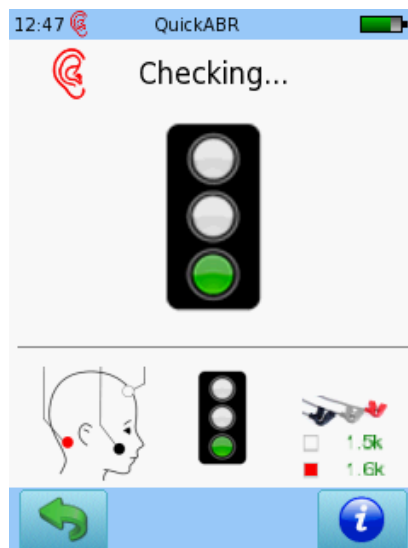
Select the test ear by pressing either the Right or Left button.



A calibration will be performed prior to measurement. A green light indicates successful calibration. Also, an impedance check will be performed prior to measurement. An impedance below 6 k ohm is recommended for best test results.

After successful ear probe calibration and impedance check, the test will start automatically.

If yellow or red lights are displayed, check to make sure you are using the correct probe tip and ear tip size, that the the eartip is inserted correctly, and that there is no excessive ambient noise.



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## ABR SCREENING TEST SCREEN

15:40 QuickABR

0.5µV

0 2 4 6 8 10 ms

35 dB HL

ABR

EEG

Impedance

4.1k

3.3k

Stop test

Pause/resume test

Normative data for selected age:  
red – wave III, green – wave V

Response detection bar

Ongoing EEG – value should remain in the lower third

Test progress

Swipe screen up and down to change display scale

Impedance monitor – impedance should be below 6 kOhm for best results

## ABR SCREENING TEST RESULTS

15:44 QABR35

0.5µV

0 2 4 6 8 10 ms

Valid response

Stimulus Chirp 35dB eHL

Averages 9808

EEG 46nV

Impedance 3.7k / 3.1k

Test other ear

Swipe screen up and down to change display scale

Overall screening test result

Test parameters and conditions

Print results to a label or to a pdf file

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#### Quick Guide Information

Release date: 2016-12-22  
Revision: 01  
Valid from: Firmware Rev. 2.1, Mira PC Software Rev. 1.6.4  
Applies to: Model: SOH100360, web descriptions SOH06, SOH07, SOH08 and SOH09

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