# QUICK START GUIDE
# SENTIERO ADVANCED ASSR
# (GOLD LABEL)

## TURNING ON/OFF, CHARGING THE DEVICE
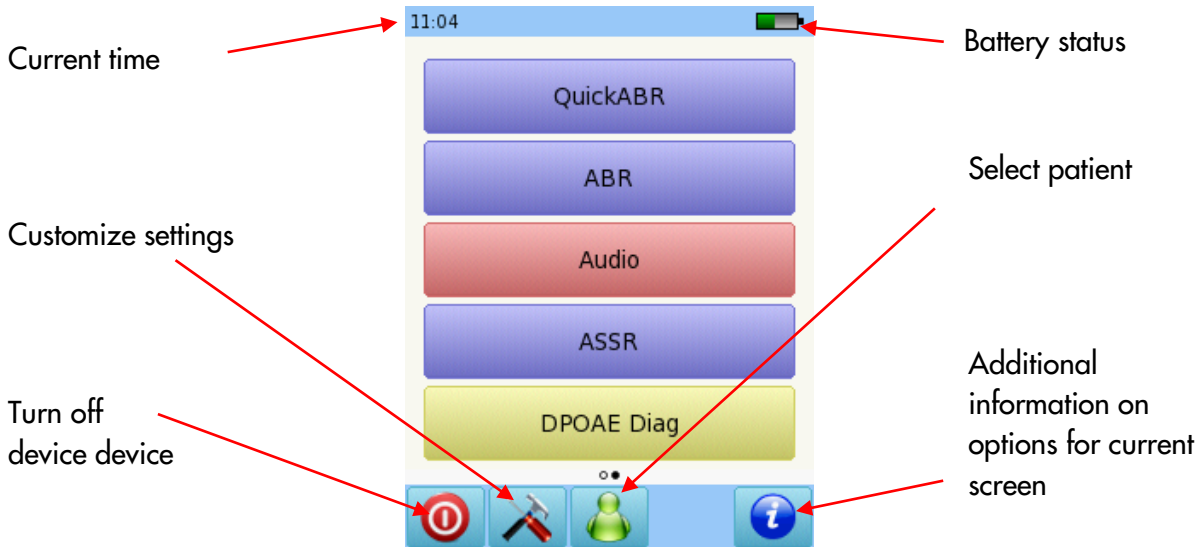
On/off button on right side

Power supply connector

## START MENU

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

Current time

Battery status

Customize settings

Select patient

Turn off device device

Additional information on options for current screen

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TESTING

AUDITORY STEADY STATE RESPONSE (ASSR)

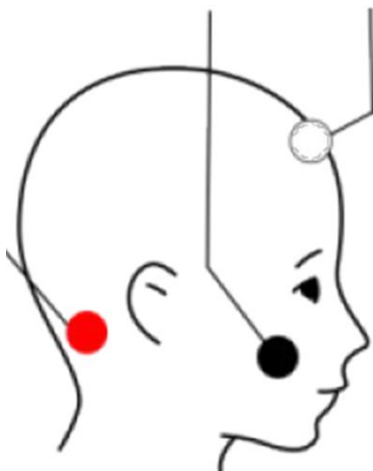Connect the electrode cable  to the white connector.



Connect the transducer to the appropriate connector:

Headphones or insert earphones: blue connector
Probe: red connector
Second probe for binaural testing: blue connector

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

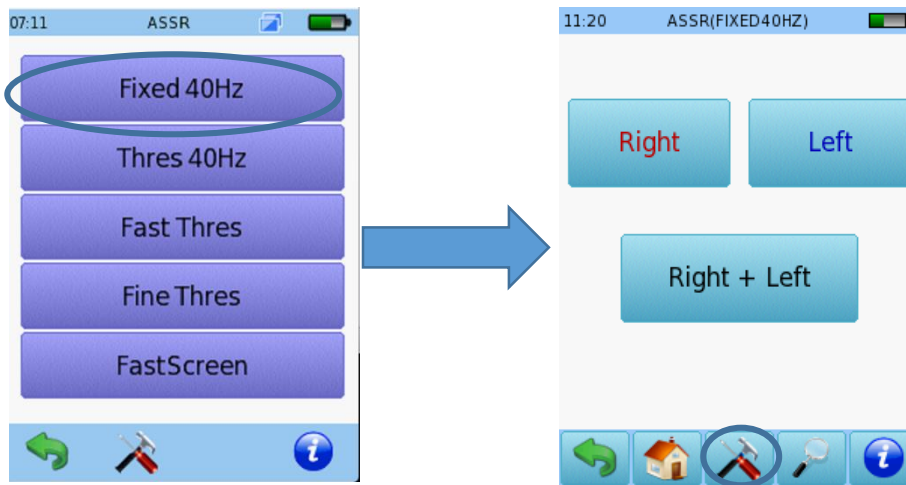For binaural testing, place red electrode on the nape.

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If you are using an ear probe or insert earphones, 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.
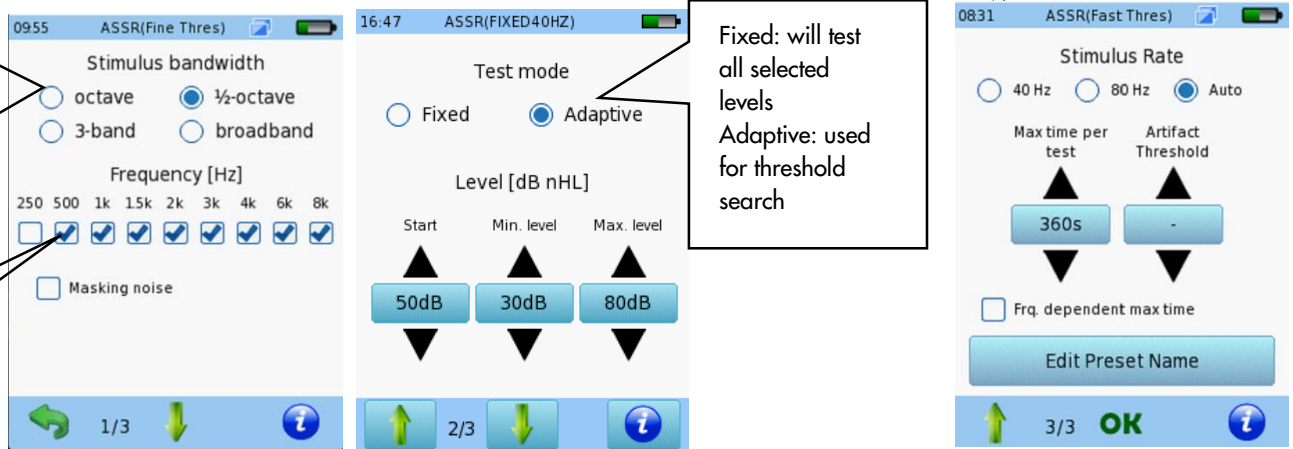
If you are using headphones, place them over the ears.

Select ASSR

Select the protocol you would like to use. To change the parameters, select one of the presets and then the tools button at the bottom of the page:

## CONFIGURABLE TEST PARAMETERS

Half octave stimuli provide better frequency specificity but longer test time

Select frequencies to test

Fixed: will test all selected levels
Adaptive: used for threshold search

Select masking noise (monaural testing only)

Select start, minimum and maximum level for adaptive mode

40 Hz: awake and adult patients, low frequencies ≤2kHz
80 Hz: babies and higher frequencies
Auto: mixed rate, optimized for performance

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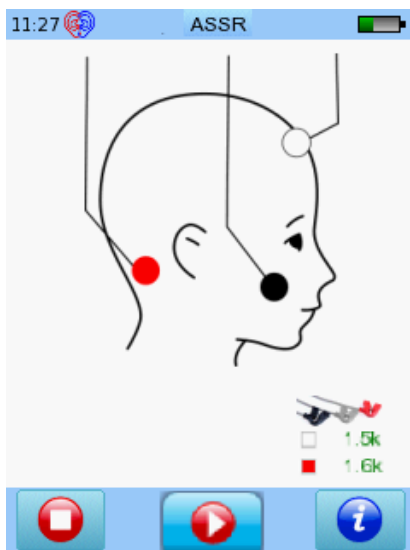
Select the test ear by pressing either the Right or Left button, or Right + Left for binaural testing. Binaural testing is available when headphones, insert phones or two ear probes are connected.
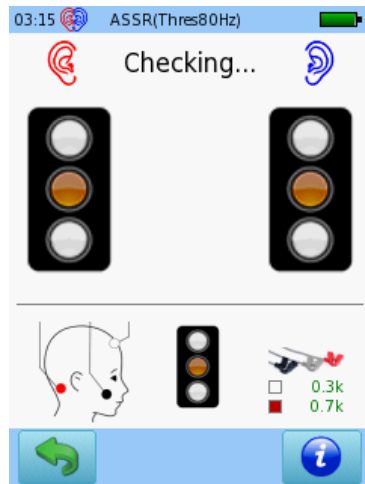


Make sure the patient is sitting or lying down comfortably.

An impedance check will be performed prior to measurement. If impedance is below 6 k ohm, the start button will become available. You can configure the settings for the test to *autostart* if the impedance is lower than 4 k ohm.  If impedance is higher than 6 k ohm but below 12 k ohm, a skip button will become available. An impedance below 6 k ohm is recommended for best test results.
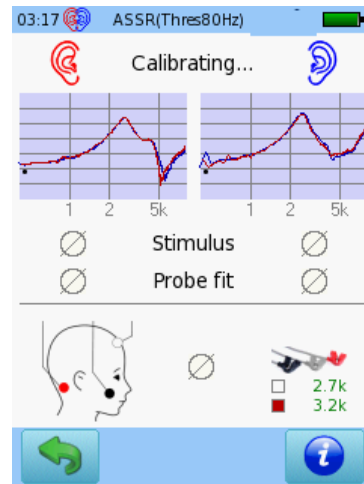
If you are using an ear probe, a calibration will be performed together with the impedance check. You can select the simple calibration or the expert calibration mode in the device set up.



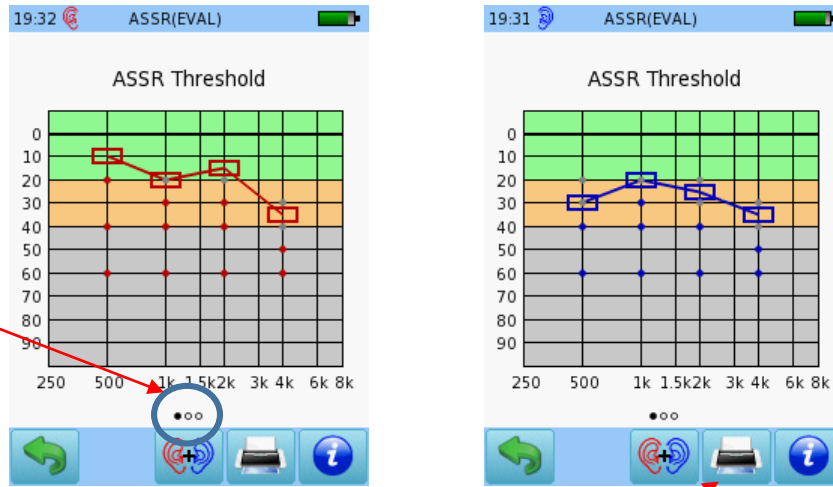Simple calibration mode



Expert calibration mode

## ASSR TEST SCREEN



Progress for each tested frequency

Frequency being tested

Intensity level being tested

Maximum test time

Overall EEG value should remain in the lower third. Press to enable raw EEG view

Impedance monitor

Progress

Stop test

Pause ongoing test

Skip this single test
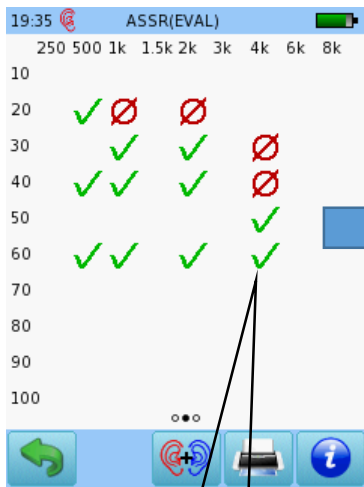
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## ASSR TEST RESULTS

Please note that the estimated audiogram is only available in the adaptive test mode.
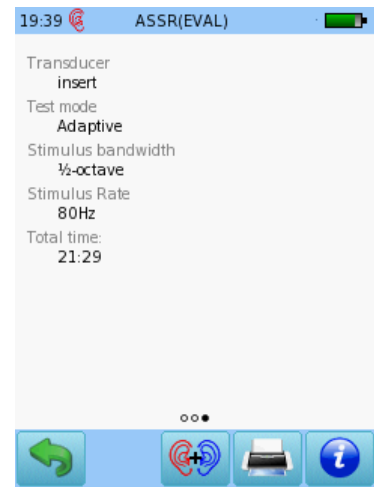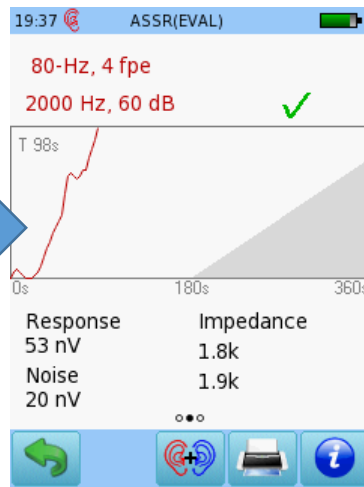


Note: These circles indicate that other screens are available to view. Swipe your finger right or left to get other views.

Print results to a label or to a pdf file



Press on a check mark or circle to view details

Summary of test conditions

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## Quick Guide Information

Release date:      06/2022
Revision:          02
Valid from:        Firmware Rev. 2.8, Mira PC Software Rev. 2.4
Applies to:        Model: SOH100360

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