

Diagnostic OAE and audiometry

▶ Turning On/Off, and charging the device

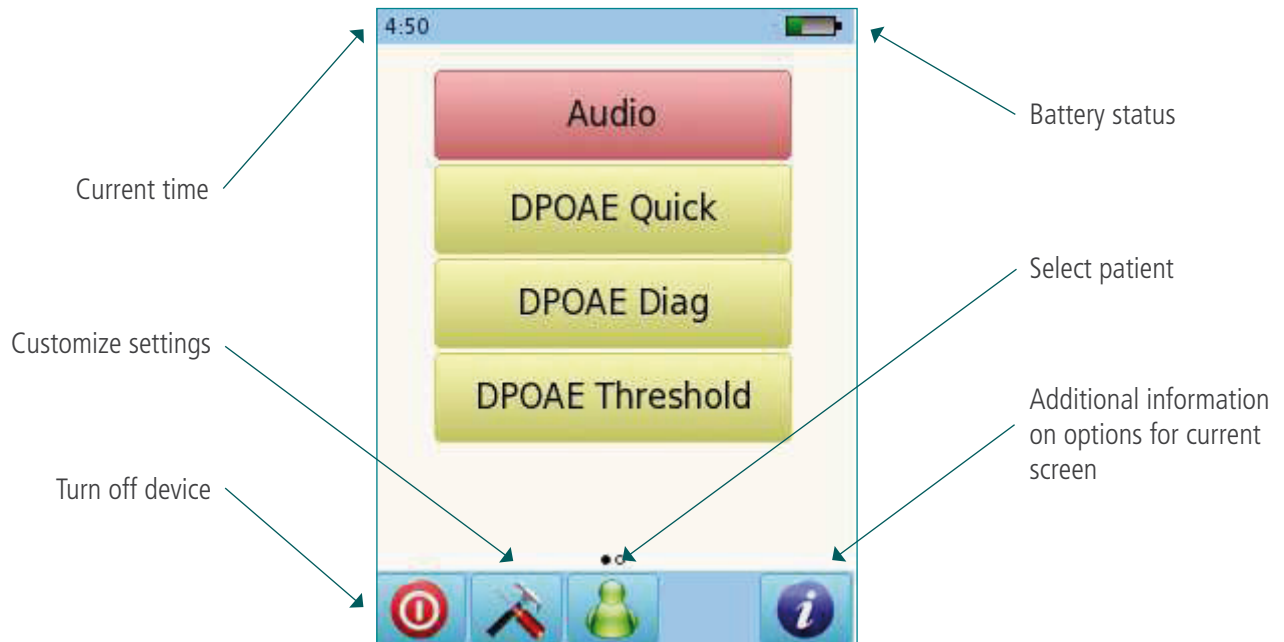


On/off button on right side



Power supply connector

▶ Start menu



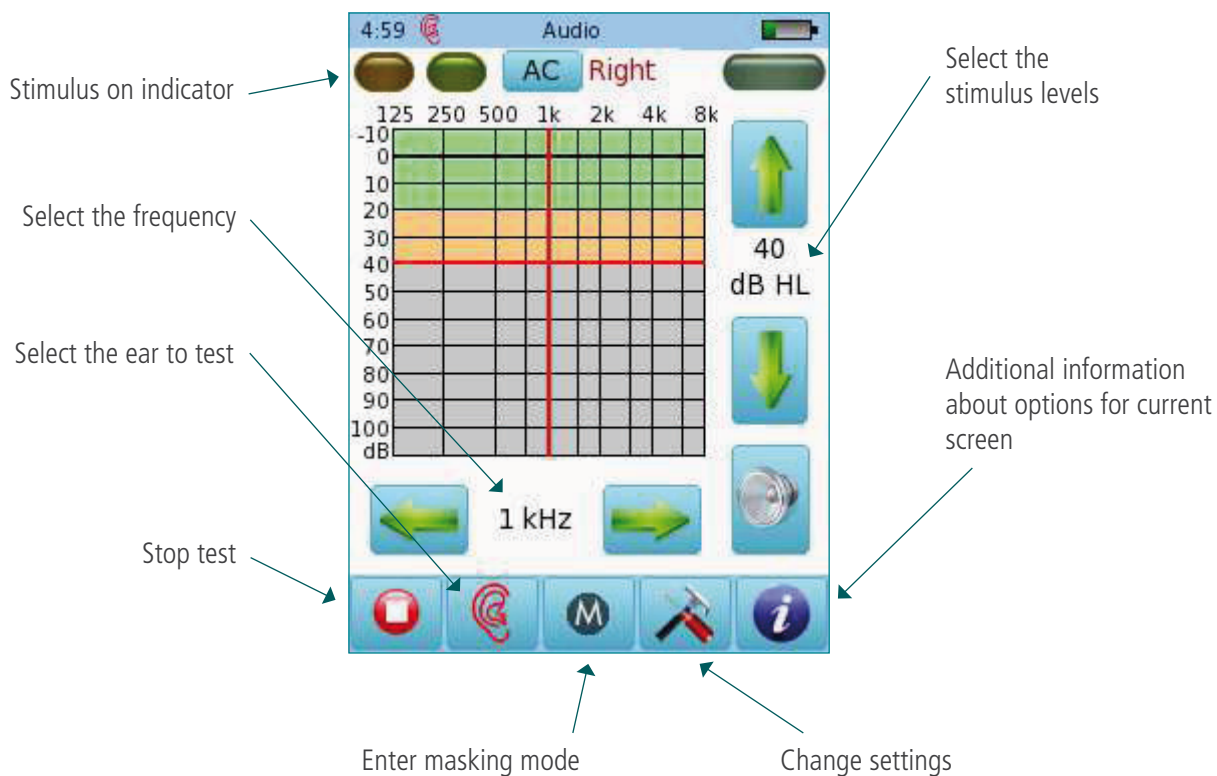
▶ Testing: Audiometry

Connect the headphones to the blue connector.
Select **Audio: Threshold** preset from the start menu.

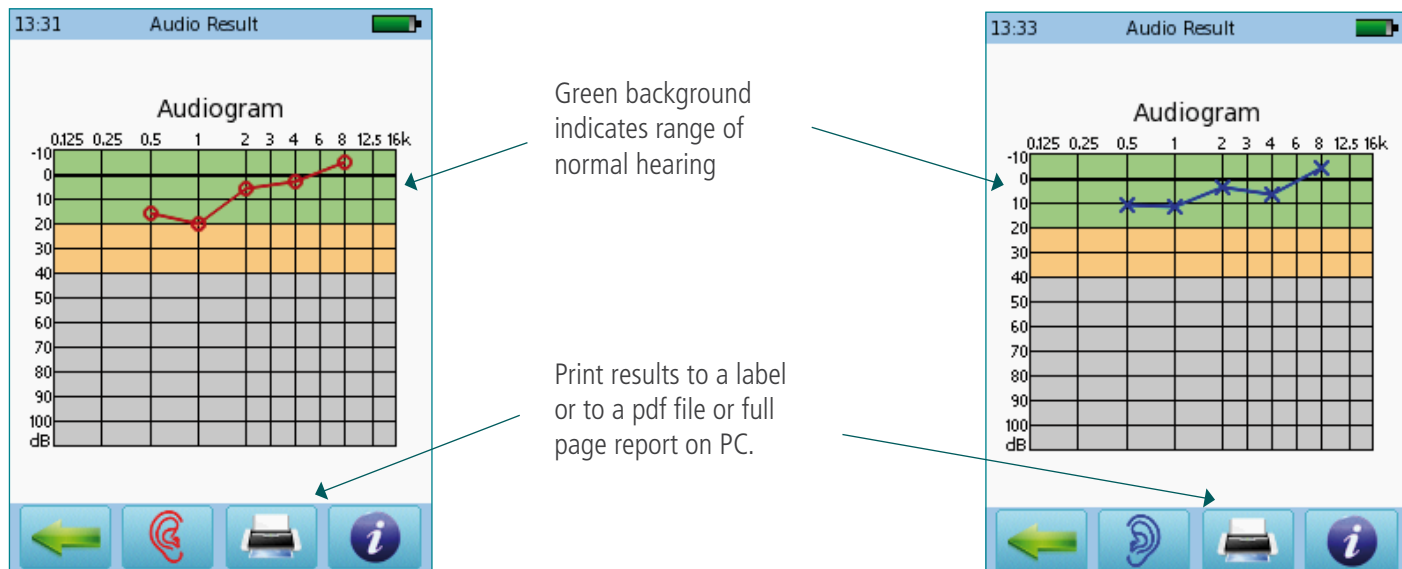
Select the ear on which you want to start the test.
The test screen will be displayed



► Test screen



► Audiometry test results



► Screening audiometry

Connect the headphones to the blue connector.
Select Audiometry screening Preset from the start menu.
Select the ear on which you want to start the test.
The test screen will be displayed.



► Audiometry screening Test screen

Select the stimulus levels

Select the frequency

Press to present the stimulus

Additional information about options for current screen

Stop test

Select the ear to test

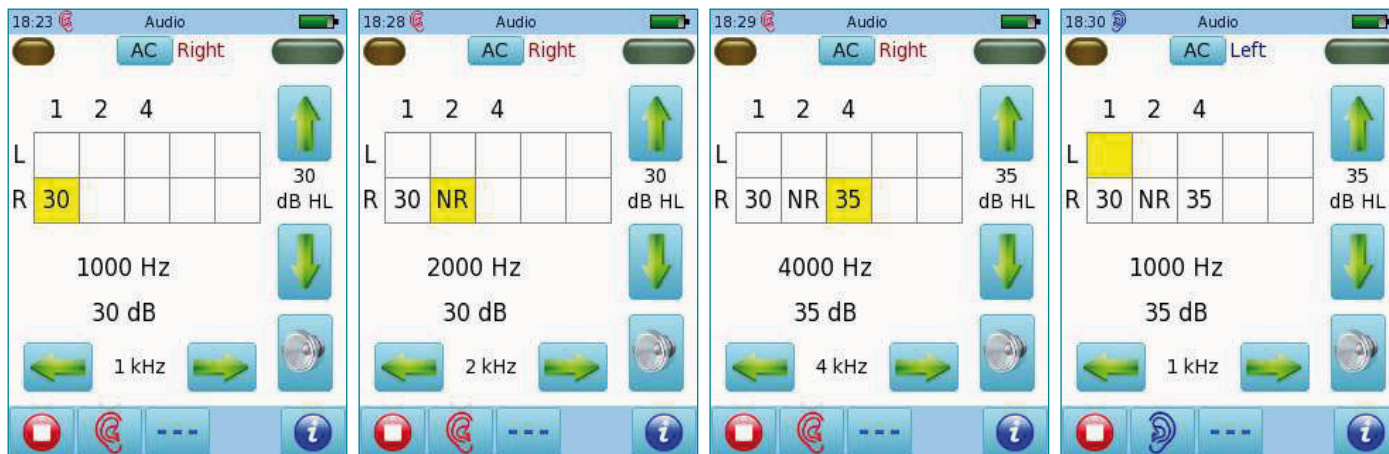
Select the type of stimulus presentation

As you present the stimulus, the current level will be displayed in the corresponding square. Once the hearing status for a frequency has been identified, move on to the next frequency.

Tapping twice on a square will display NR (no response)

Tap three times to get back to blank square

Once all frequencies have been tested for one ear, you can test the other ear

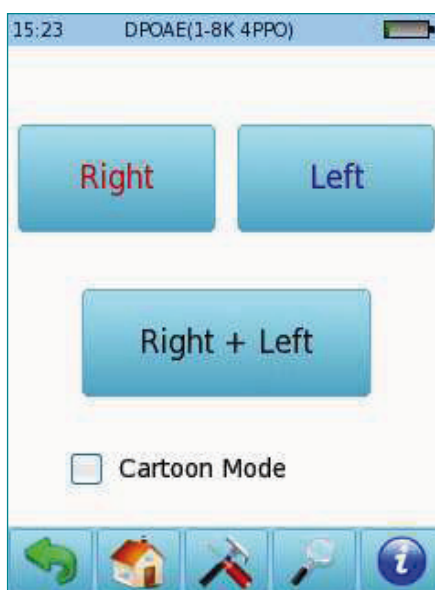


Once the test is finished, you can save the results, print to a label (a label printer is required) or print to a pdf file.

► Distortion Product Otoacoustic Emissions (DPOAE): Screening



Connect the red probe to the red connector and select one of the Presets for DPOAE Quick. To perform binaural testing, also connect the blue probe to the blue connector.

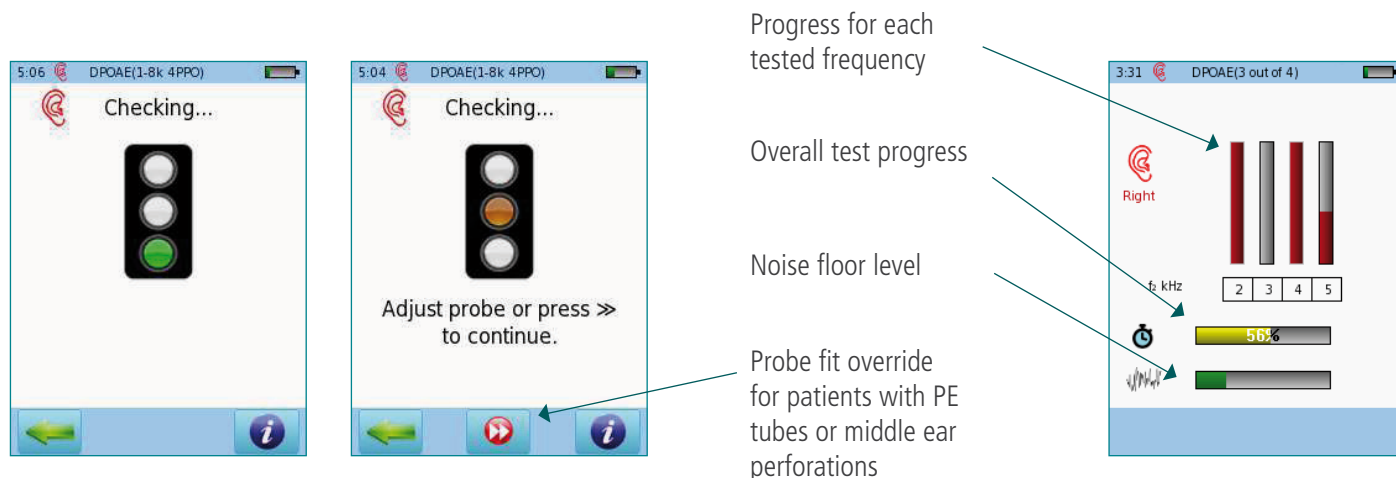


Select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.

Select the test ear by pressing either the **Right** or **Left** button, or the **Right + Left** button for binaural testing.

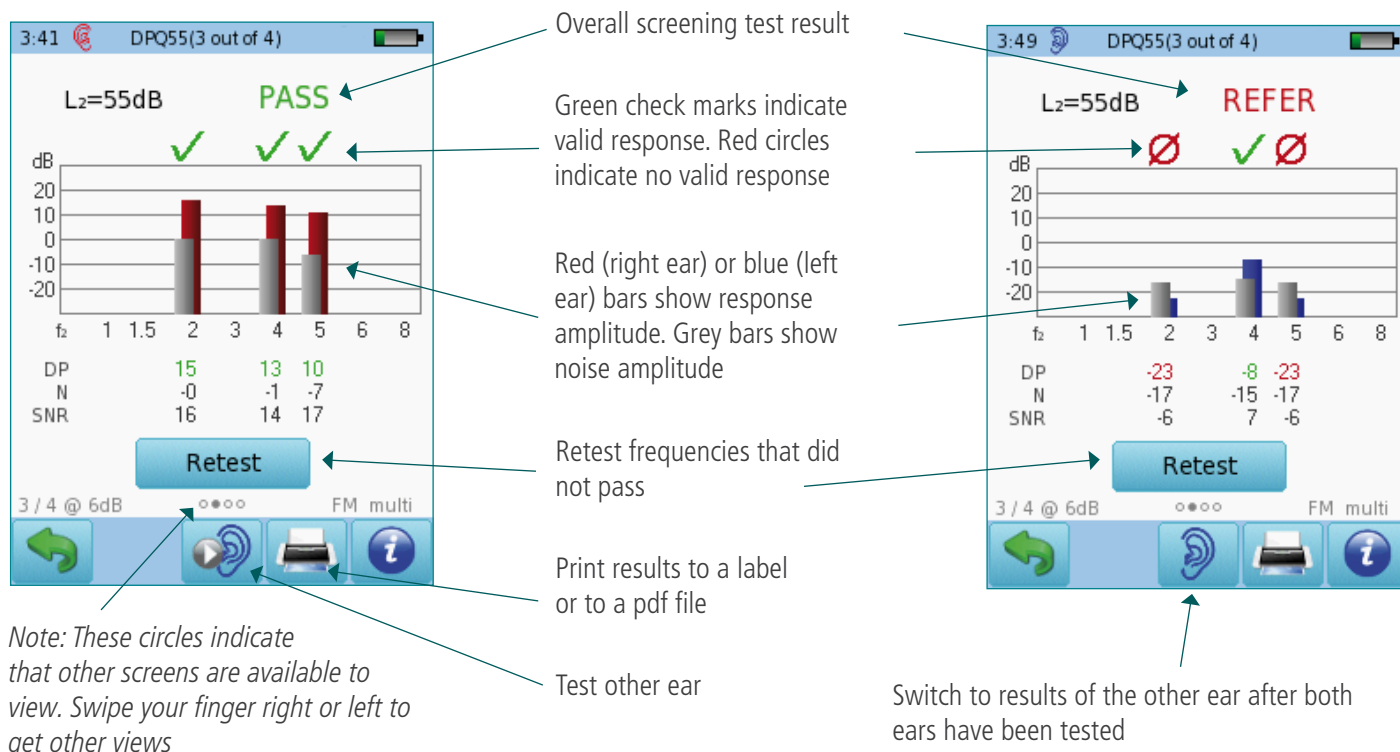
Cartoon mode will start the test showing a cartoon instead of the progress bar.

A calibration will be performed prior to measurement. A green light indicates successful calibration. After successful ear probe calibration, the test will start automatically.



► DPOAE screening test results

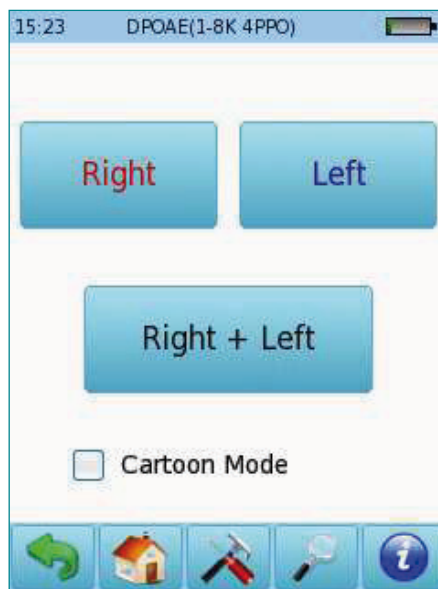
Please note that the initial result screen depends on the module settings in "DPOAE Preferences"



► DPOAE diagnostic / high resolution



Connect the red probe to the red connector and select one of the Preset protocols for DPOAE Diagnostic. To perform binaural testing, also connect the blue probe to the blue connector.



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 the test ear by pressing either the **Right** or **Left** button, or the **Right + Left** button for binaural testing.

Cartoon mode will start the test showing a cartoon instead of the progress bar, this can be changed during the test by tapping on the plane icon at the bottom of the device screen.

A calibration will be performed prior to measurement. A green light indicates successful calibration. After successful ear probe calibration, the test will start automatically.



Probe fit override for patients with PE tubes or middle ear perforations

Progress for each tested frequency in each ear

Overall test progress

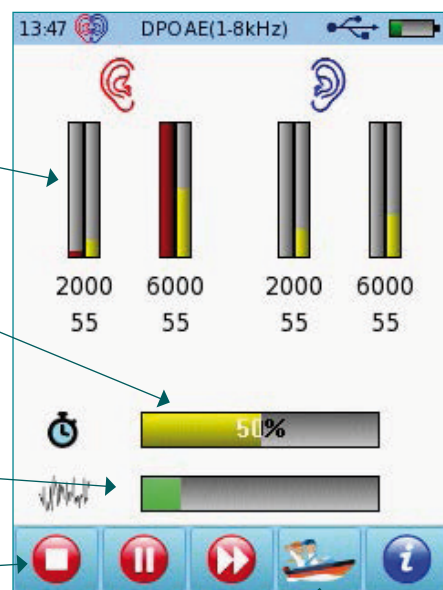
Noise floor level

Stop test

Pause/resume test

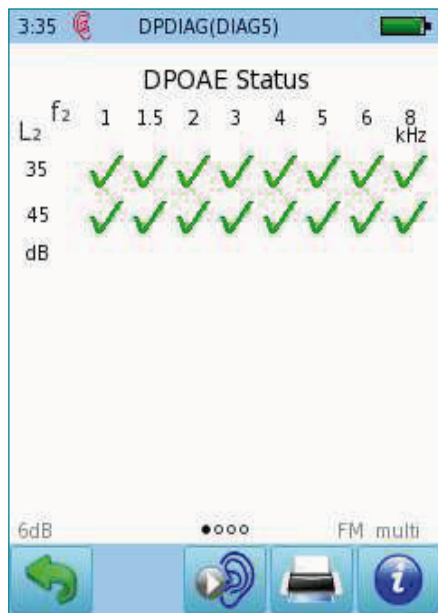
Skip a frequency

Switch to cartoon mode

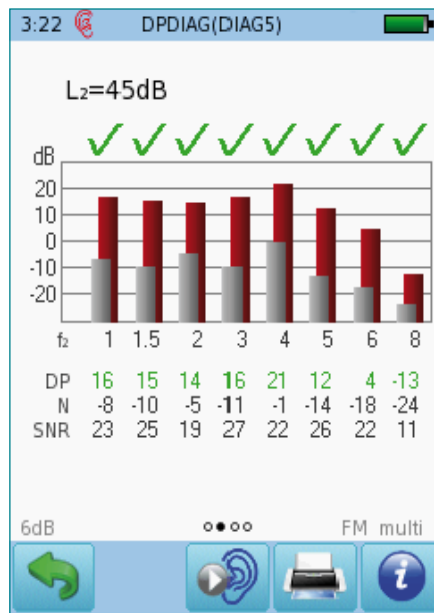


► DPOAE diagnostic / high resolution test results

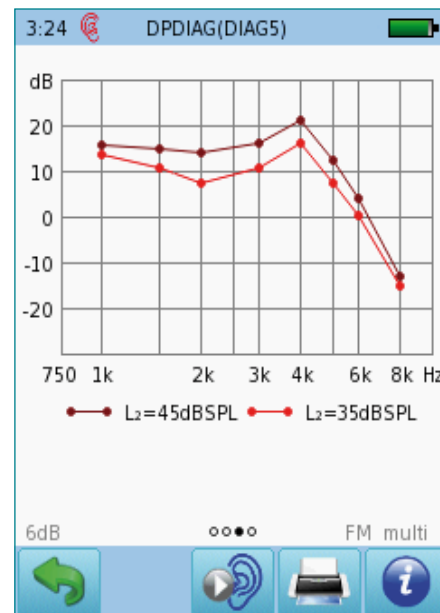
Green check marks indicate valid sponse



Red or blue bars indicate response, grey bars indicate noise



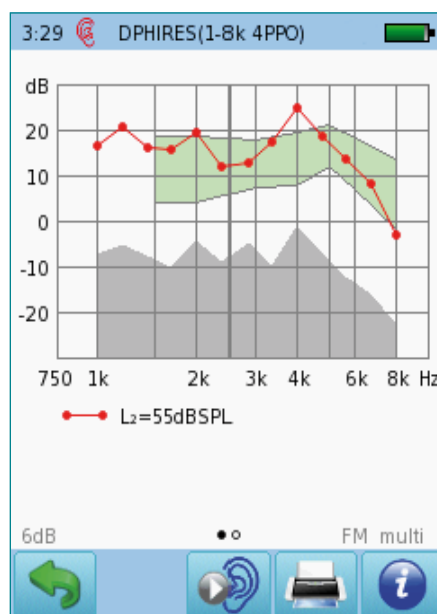
Outcome for each test sorted by f₂ and L₂. Multilevel test results shown. Tap on screen to view details for each level tested.



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

Test other ear



High resolution test results (4 PPO)

DPOAE Status

L ₂	f ₂	DPOAE	N	SNR
45	1000	15.7	-7.7	23.5
45	1500	14.9	-10.0	25.0
45	2000	13.8	-5.2	19.0
45	3000	15.9	-10.6	26.6
45	4000	20.9	-1.4	22.3
45	5000	12.1	-13.9	26.0
45	6000	4.1	-18.1	22.2
45	8000	-13.3	-24.5	11.2
35	1000	13.5	-9.3	22.8
35	1500	10.5	-14.2	24.7
35	2000	7.5	-6.2	13.7
35	3000	10.6	-13.5	24.2
35	4000	16.0	-4.0	20.0
35	5000	7.4	-17.7	25.1
35	6000	0.1	-20.5	20.6
35	8000	-15.4	-24.2	8.8

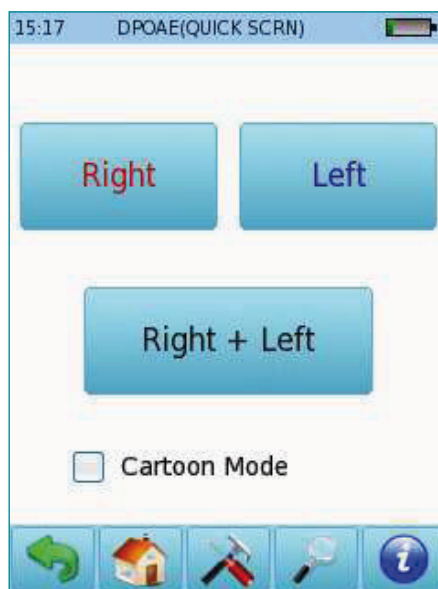
6dB ●●●● FM multi

Numeric values shown in table format

► DPOAE threshold



Connect the red probe to the red connector and select one of the Presets for DPOAE Threshold. To perform binaural testing, also connect the blue probe to the blue connector.



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.

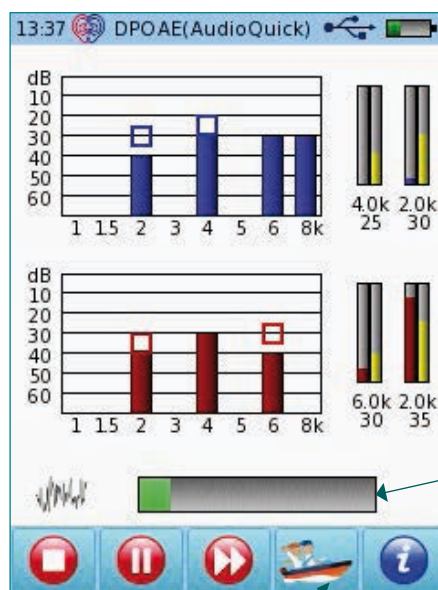
Select the test ear by pressing either the **Right** or **Left** button, or the **Right + Left** button for binaural testing.

Cartoon mode will start the test showing a cartoon instead of the progress bar, this can be changed during the test by tapping on the plane icon at the bottom of the device screen.

A calibration will be performed prior to measurement. A green light indicates successful calibration. After successful ear probe calibration, the test will start automatically.



Probe fit override for patients with PE tubes or middle ear perforations



Progress for each tested frequency in each ear

Noise floor level

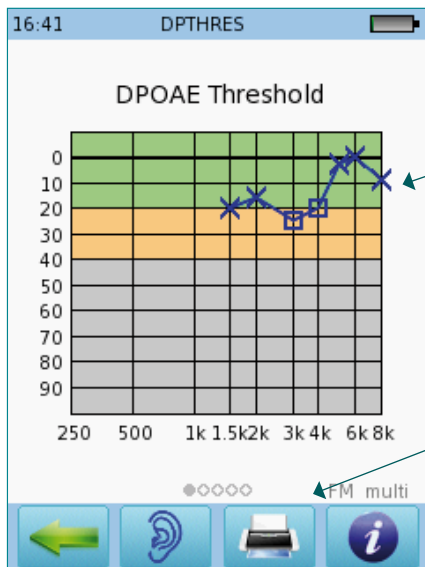
Stop test

Pause/resume test

Skip a frequency

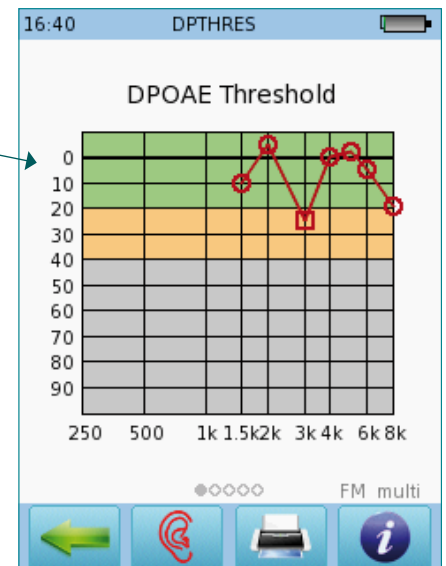
Cartoon mode for children

► DPOAE threshold test results



Green background indicates range of normal hearing

Print results to a label or to a pdf file



Quick Guide Information

Release date: 2017-01-11

Revision: 02

Valid from: Firmware Rev. 2.1, Bio-link PC Software Rev. 2.0

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Errors and omissions excepted.

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