

Bio-logic® AuDX® PRO quick start

Quick start guide

Doc. No.7-26-1385-EN/00

Part No.7-26-13805-EN

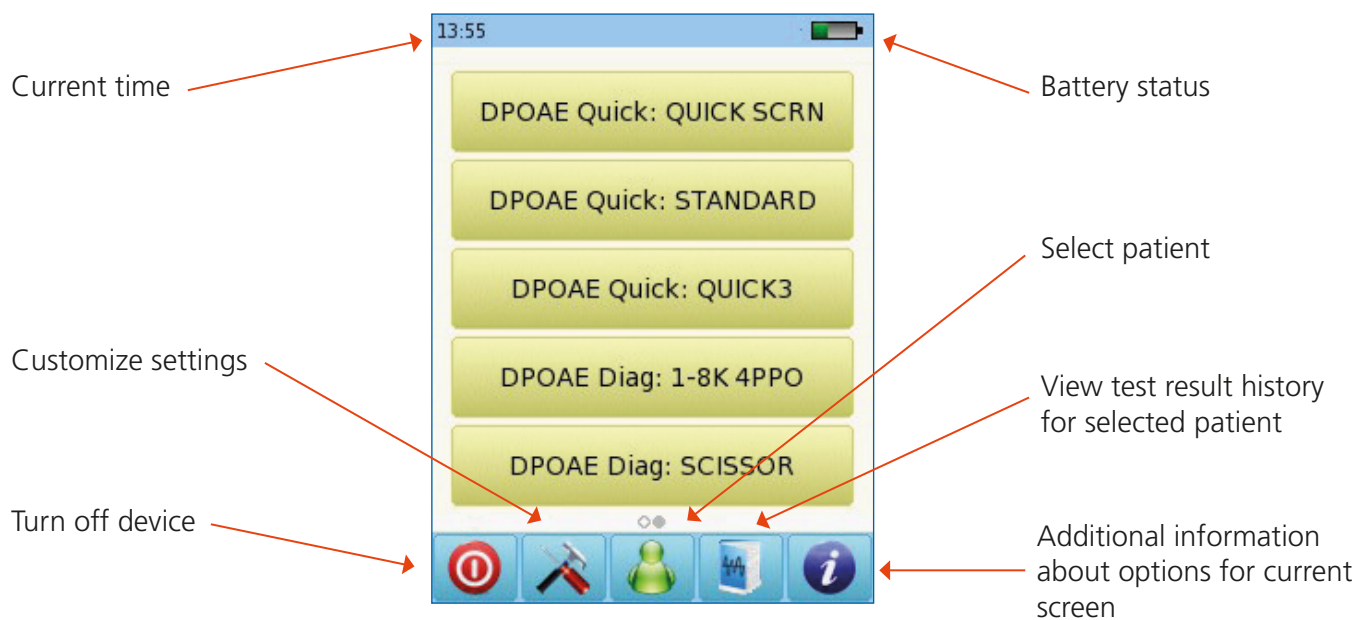


▶ **Turning On/Off and changing the device**



▶ **Start menu**

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

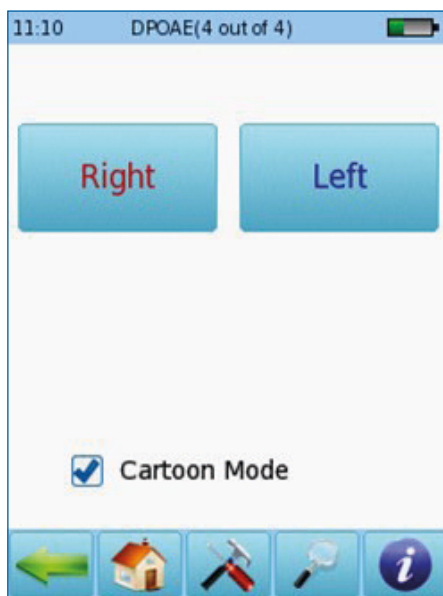


▶ **Testing: Distortion Product Otoacoustic Emissions (DPOAE) Screening**

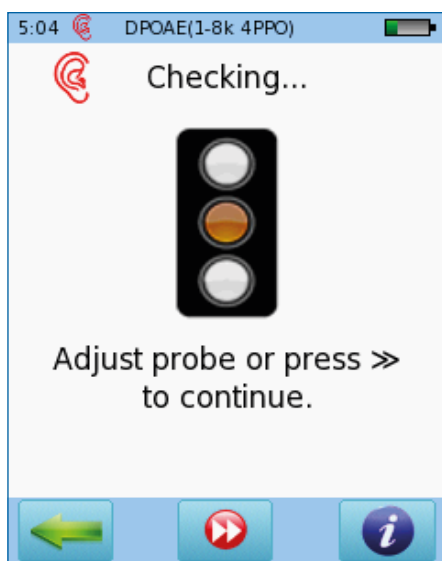
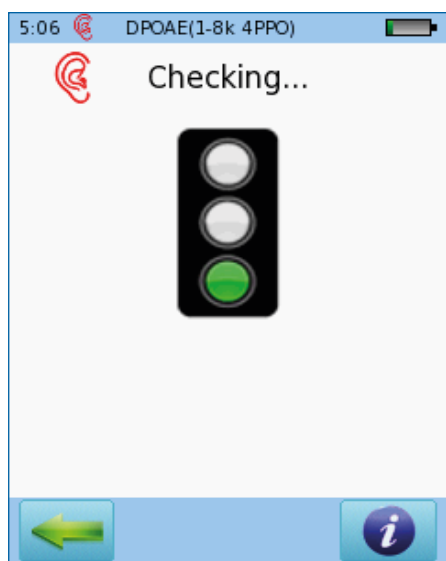
Connect the probe to the red connector.
Select one of the Presets for DPOAE Screening



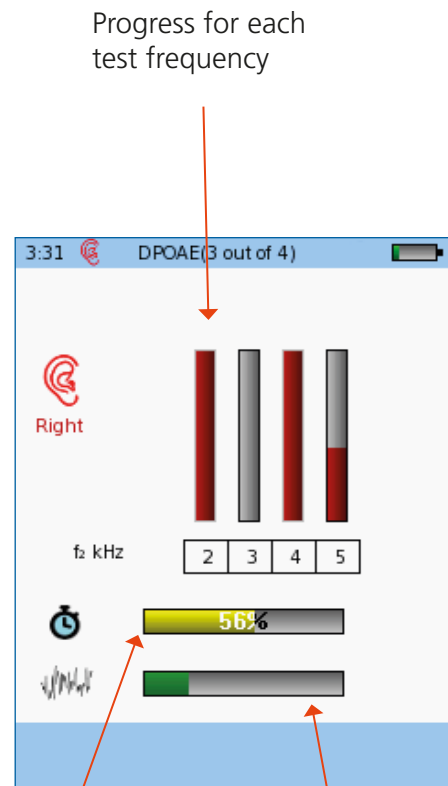
Select the appropriate ear tip size and place it on the probe tip.
Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.
Select the test ear by pressing either the Right or Left button.
Cartoon mode will start the test showing a cartoon instead of the progress bar.



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



Probe fit override for patients with PE tubes or tympanic membrane perforation



Overall test progress

Noise floor level

▶ DPOAE screening test results

Overall screening test result

Green check marks indicate valid response. Red circles indicate no valid response

Red (right ear) or blue (left ear) bars show response amplitude. Grey bars show noise amplitude

Retest frequencies that did not pass

Print results to a label or to a pdf file

Test other ear

Switch to results of the other ear after both ears have been tested

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

Switch to results of the other ear after both ears have been tested

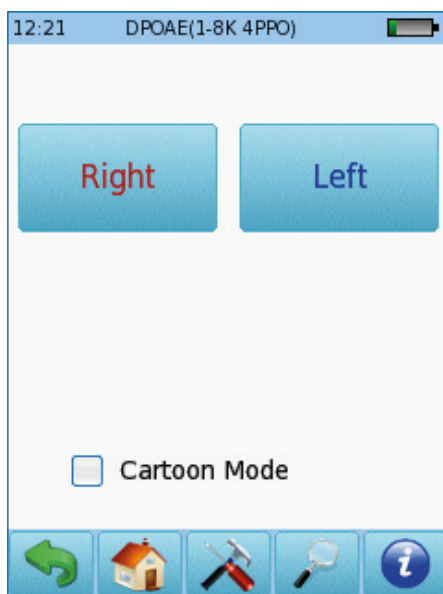
▶ DPOAE diagnostic / high resolution

Connect the probe to the red connector.
Select one of the Presets for DPOAE Diagnostic.



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. Select Cartoon mode to 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. Please note that the presets for DPOAE diagnostics are HiRes, which allows testing frequencies in 10 Hz increments or up to 30 points per octave.

The image displays three sequential screenshots of the Bio-logic AuDX PRO app interface during a DPOAE test. The first screenshot (5:06) shows a 'Checking...' screen with a traffic light icon where the bottom light is green. The second screenshot (5:04) shows the same 'Checking...' screen but with the middle light orange and the text 'Adjust probe or press >> to continue.' The third screenshot (05:01) shows the main test interface with two bar graphs for 2000 Hz (55) and 1000 Hz (55), a 42% progress bar, and a noise floor level bar. Red arrows point from text labels to specific UI elements in each screenshot.

Overall test progress

Progress for each test frequency

Noise floor level

5:06 DPOAE(1-8k 4PPO) Checking...

5:04 DPOAE(1-8k 4PPO) Checking... Adjust probe or press >> to continue.

05:01 DPOAE(1-8kHz) 2000 55 1000 55 42%

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

Stop test

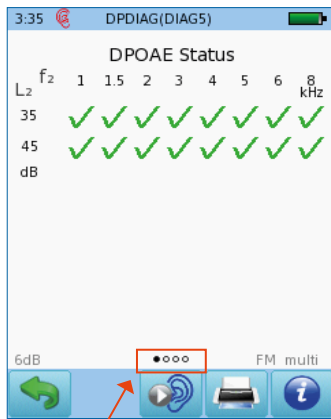
Resume test

Skip a frequency

Switch to cartoon mode

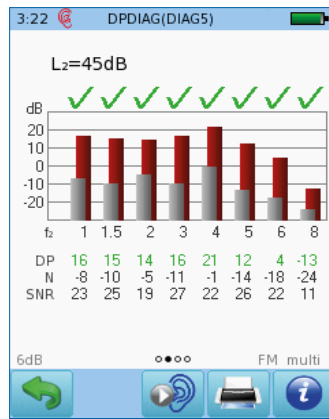
▶ **DPOAE diagnostic test results**

Green check marks indicate valid response



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

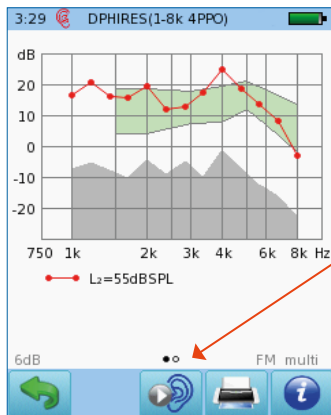
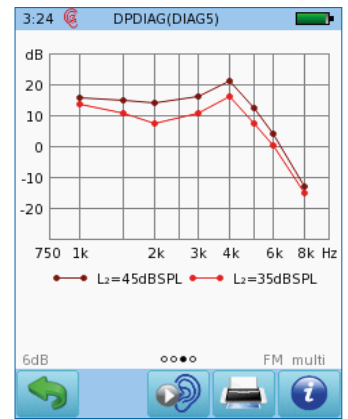
Red or blue bars indicate response, grey bars indicate noise



Print results to a label or to a pdf file

Outcome for each test sorted by f2 and L2.

Multilevel test results shown. Tap on screen to view details for each level tested.



Test other ear

High resolution test results (4 PPO)

L2	f2	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

Numeric values shown in table format

Quick Guide Information

Release date: 2017-01-11

Revision: 02

Valid from: Firmware Rev. 2.1, Mira PC Software Rev. 1.6.4

Applies to: Model: SOH100098, web description SOH02

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