



Bio-logic
– the next
generation

Fast and fun OAE screening
– and more!

Bio-logic® AuDX®



otometrics
a division of natus

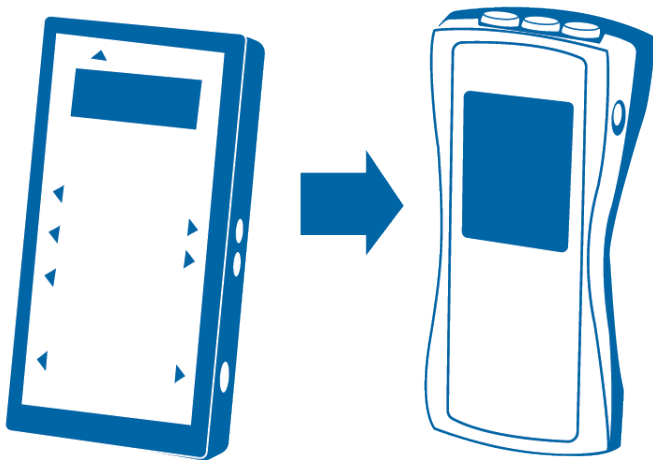
Easy-to-use hearing screener for Early Detection

Legendary reliability in a handheld device

Bio-logic® AuDX® is a fast, easy-to-use OAE screener from Otometrics. It offers dual frequency OAE testing with an option to test both ears at the same time. Ideal for screening all ages, this screening device is configurable for OAE—or OAE and audiometry screening. Noah-compatible via Bio-link software.

The Bio-logic legacy lives on

For decades, Bio-logic AuDX has been a staple for hearing screening—the most trusted brand by audiologists and professionals for reliable testing. Today, Otometrics reintroduces the next generation Bio-logic AuDX OAE screener—taking all the best features of customer-focused technology combined with reliable testing you expect from a Bio-logic system.



Contact your local Otometrics representative for a product demonstration. Or, visit otometrics.com/biologic for more information.





Battery-operated and portable, Bio-logic AuDX allows a hearing screening setup that is comfortable for both the screener and the patient.

Reliable results when you need it most

The new Bio-logic AuDX features easy-to-use functionality for hearing screening. This portable unit offer all-in-one OAE and Audiometry in a handheld device. Intuitive test features include:

- Pure tone and OAE screening all-in-one handheld device
- Optional ability for OAE testing of both ears at the same time
- Simultaneous multi-frequency OAE tests two frequencies at the same time and provides a fast result.
- DPOAE testing has an immediate option to retest failed frequencies
- FM (frequency modulated) provides better OAE amplitude without losing frequency specificity
- Reusable probe tip (also known as the probe replacement nozzle)
- Optional module: Pure tone audiometry screening at any five frequencies
- Optional module: Pediatric friendly, play audiometry Magic test



Convenient, single-touch “child mode” feature for optional OAE testing makes it easier for the child to remain calm while testing.

Inspired by the way you work

The next generation Bio-logic AuDX comes with an intuitive touchscreen navigation purposely designed for fast, easy operation. The single-touch “child mode” feature starts an entertaining animation to keep the child engaged and quiet during the test. Print your test results to a PDF or the optional label printer. It is also Noah-compatible.

The device is configurable for OAE screening and pure tone audiometry—appropriate for screening patients of all ages. Customize tests to meet your needs with these modular combinations:

- Screening OAE
- Screening Audiometry

Product specifications

General Specifications	Bio-logic AuDX
Device classification (93/42/EEC) Device classification (MDR Canada)	Class II a Class II
Application part classification Application parts	Type BF (body floating) Headphones, insert earphones, ear probe, bone conductor, patient response button
Ingress protection rating (IP code)	IP30
Applied standards	DIN EN ISO 389-1, DIN EN ISO 389-2, DIN EN ISO 389-3, DIN EN ISO 389-4, DIN EN ISO 389-5, DIN EN ISO 389-8 (transducer calibration), DIN EN ISO 10993-1 (biocompatibility), DIN EN ISO 15223-1 (manual), DIN EN 60601-1 (electrical safety), DIN EN 60601-1-2 (EMC), DIN EN 60601-1-4 (PEMS), DIN EN 60601-1-6 (usability), DIN EN 60645-1 (pure-tone audiometry), DIN EN 60645-6 (OAE), DIN EN 62304 (software lifecycle)
Device dimension	ca. 209 x 98 x 52 mm, 8.2 x 3.8 x 2.0 inches
Device weight (including battery pack)	ca. 500 g, 17.6 oz
Display properties	240 x 320 pixel, graphic LCD, resistive touchscreen (can be used with gloves) Size: 3.5"
Maximum power consumption	2 W
Input rating of power supply units	Sinpro MPU12C-104: 100-240 V, AC, 47-63 Hz, 0.16-0.29 A Sinpro MPU16C-104: 100-240 V, AC, 47-63 Hz, 0.18-0.33 A Friwo FW7662M/12: 100-240 V, AC, 50-60 Hz, 0.15 A
Output rating of power supply units	9V, 1.2 A
Rechargeable battery pack	4.8 V (NiMH)
Maximum operating time with fully charged batteries	ca. 6 - 8 hours (dependent on usage)
Maximum charging cycles	500 – 1000 (life time > 2 years for normal usage)
Maximum charging time	ca. 2 hours
Available Modules	Screening DPOAE, screening TEOAE, screening audiometry, MAGIC.

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