

kiversal



SMART AUDIOMETERS
AUDIXI 10

DESCRIPTION

The **Audixi 10** is a range of innovative Two-Channel digital smart-audiometer with Internet connectivity and a new simplified calibration system.

Compact, ergonomic and easy to use.

Intuitive and easy-to-use digital technology.

It is easily upgradable without changing the device (Software licenses).

Productive and connected.

Automatic data integration (EMR), remote control through a free VNC protocol (possibility of tele audiometry) and compatibility with most USB and network printers on the market.

Ability to store up to 100,000 tests and download / export the audiogram results in XML, PDF and CSV formats.

Safe, reliable and easy care.

The instant metrological calibration service makes your audiometer be fully operational, without unplanned stops and downtime, with savings in time and costs.

In addition, different transducers (headphones, bone vibrators, inserted earphones) can be shared between different devices thanks to its **Plug&Play** transducer recognition system.



Models	Description
Audixi 10 A	Occupational medicine: pure tone audiometry (PTA), via air conduction (AC), masking and automatic audiometry (H-W)
Audixi 10 B	Diagnosis: including via bone conduction (BC) with or w/o masking
Audixi 10 C	Advanced diagnosis: including Speech audiometry (SRT, WRS, UCL, MCL) and over-threshold tests (MCL & UCL)
Audixi 10 D	Clinical diagnosis: including over- threshold tests (SISI & Weber; ABLB (Fowler) & Stenger; MLB & Tone Decay (Carhart))

All models can optionally include High Frequency (HF) tests and/or a rechargeable Li-Po battery (+ and HF+)



Options	A	AHF	B	BHF	C	CHF	D	DHF
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Hardware

Headphones air conduction DD-45	X	O	X	O	X	O	X	O
HF Headphones air conduction DD-450	O	X	O	X	O	X	O	X
Pediatric headphones air conduction DD-45	O	O	O	O	O	O	O	O
Bone vibrator B71 / B81 (optional)	O	O	X	X	X	X	X	X
Insert earphones IP-30	O	O	O	O	O	O	O	O
Operator headset with mic.	O	O	O	O	X	X	X	X
Free Field Speakers	O	O	O	O	O	O	O	O
Rechargeable Li-Po battery	O	O	O	O	O	O	O	O

X standard, O optional, - Not available

Software

Over-threshold tests (SiSi&Weber; ABLB&Stenger; MLB&Decay)	-	-	O	O	O	O	X	X
Over-threshold tests (MCL & UCL)	-	-	O	O	X	X	X	X
Speech audiometry tests (SRT, WRS, UCL, MCL)	-	-	O	O	X	X	X	X
Optional tests*	O	O	O	O	O	O	O	O

FUNCTIONS

Standard Audiometric Functions:

- Manual pure tone audiometry (PTA) with or without masking, narrowband or wideband.
- Automatic PTA (Hughson-Westlake): air and bone conduction
- Report with colour Audiogram.

OPTIONAL FUNCTIONS

- Over-threshold tests: 4 packages
SISI & Weber; ABLB (Fowler) & Stenger; MLB & Tone Decay (Carhart); MCL & UCL
- Speech audiometry: SRT, WRS, UCL/MCL
Sources: direct and/or recorded voice (CD, FLAC)
- Optional tests*:
Digital Visual Reinforcement Audiometry (VRA) test; Auto masking & Masking help



SUPPORT FUNCTIONS

- Patient management and appointment calendar management.
- Patients and Tests Database (up to 100,000 tests).
- Printable test Report with colour audiogram in PDF format to USB and network Printers.
- Connection Ports: USB host, USB- OTG, Ethernet, MicroSD.
- Data Integration: file import / export from / to USB - MicroSD memory and / or shared folder (SMB / SFTP / GDT -German market only- protocols) | Export formats: PDF, XML and CSV | Direct integration with REST and SOAP WebServices.
- Reports emailed in PDF format directly from the device.
- VNC Remote Control from Windows, Mac, Linux and Android: possibility to perform tele-audiometry by combining the VNC with a videoconference system.
- **Patented** calibration system assisted remotely.

LEVELS & FREQUENCIES

- Via air conduction (DD-45 & IP-30):
 Level (maximum): from -10 to 120 dB HL.
 Frequencies: 125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz.
- Via bone (B71):
 Level (maximum): from -10 to 80 dB HL.
 Frequencies: 250 to 6000 Hz.
- High Frequency (DD-450):
 Level (maximum): from -10 to 100 dB HL.
 Frequencies: 8, 9, 10, 11.2, 12.5, 14, 16 kHz.
- Free field (Mackie CR4):
 Level (maximum): from -10 to 95 dB HL.
 Frequencies: 125 to 8000 Hz.
- B81 (optional):
 Level (maximum): from -10 to 90 dB HL.
 Frequencies: 250 to 8000 Hz.
- High Frequency:
 Level (maximum): from -10 to 75 dB HL.
 Frequencies: 8 to 16 kHz.

TECHNICAL DATA

- Type 1, 2, 3 or 4 Pure tone Audiometer depending on configuration (IEC 60645-1).
- Type A or B Speech Audiometer depending on configuration (IEC 60645-2).
- Signals: continuous, pulsed & warble tones and external signal (speech).
- Synchronous and contralateral masking, narrowband or wideband.
- Manual and automatic pure tone Audiometry (Hughson-Westlake).
- High frequency (optional depending on the model).
- Attenuation stepping 1, 2 and 5 dB.
- 10.1" capacitive multi-touch colour LCD screen | Screen resolution of 1024 x 600 pixels | 16.7 Million colours
- Portable device. | Weight: 1 kg (without Li-Po battery).
- 2 independent channels.
- Multilingual interface: Spanish, English, German, French, Portuguese, Italian, Catalan and Romanian (possibility of adding more languages).
- Power supply: 100V...240V~, 50/60Hz, 18 W (optional Li-Po battery).
- Dimensions L x W x H: 278 x 178 x 36 mm.



DIAGNOSIS OF HEARING LOSS

Index Calculation:

- ELI index (Early Loss Index).
- SAL index (Speech Average Loss).
- Modified Klockhoff index.

Calculation of diagnostics including Hearing Loss degree:

- 1979 AMA/AAO (American Medical Association).
- BSA (British Society of Audiology).
- Fletcher Index.

STANDARDS & REGULATIONS

Medical Device 93/42/EEC Class IIa

RoHS2 2011/65/UE

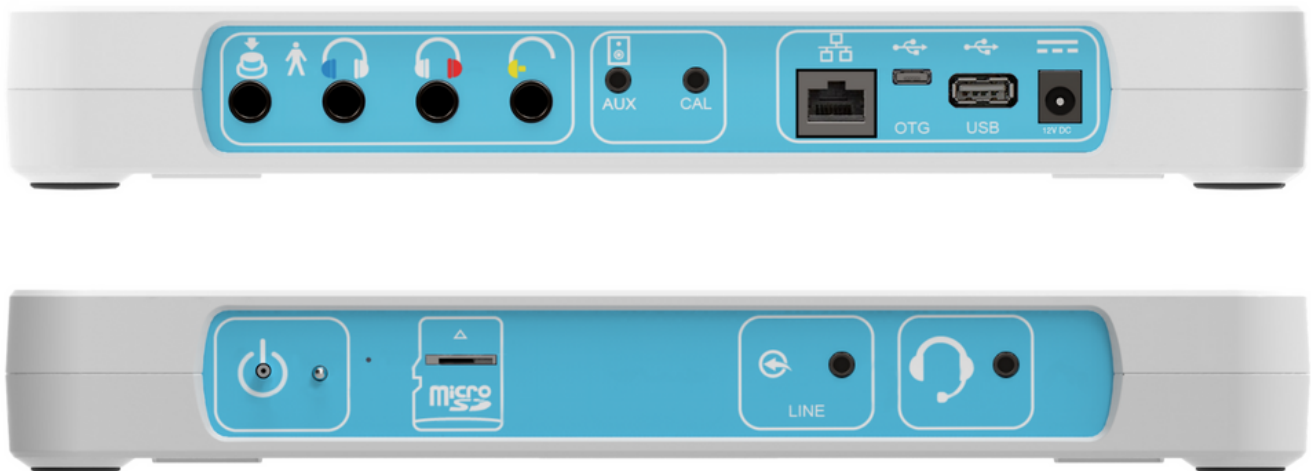
EN 60645-1

EN 60645-2

EN 60645-4

EN 60601-1

EN 60601-1-2





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