

Model 240

Portable diagnostic audiometer

The **Amplivox 240** is a cost-effective diagnostic audiometer, which is ideal for both desktop and mobile use.

Functionality

The **Amplivox 240** offers air and bone conduction audiometry. Standard features include an automatic test function (AC), narrow band masking, an attenuator range up to 120 dBHL and an integral talkover function.

Ease of use

The clearly laid out control panel makes diagnostic testing as simple and straightforward as possible. The threshold retention function reduces test time and gives a higher level of test subject concentration. Results can be saved in memory, printed with the optional printer and/or transferred to a PC with the optional NOAH interface.

Fully portable

Designed to satisfy all domiciliary testing requirements, the **Amplivox 240** can be supplied with an optional battery power function in addition to the standard mains power adaptor. Its compact size, minimal weight and power options make this a totally portable diagnostic audiometer.

- Easy to use
- Compact and portable
- USB connectivity
- Threshold retention function
- Optional insert headphones
- 11 test frequencies
- -10 to 120 dBHL range (AC)
- Optional battery powered feature
- Automatic AC test functionality
- Optional NOAH interface



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Technical specifications

Output/input data

Outputs:	Left AC, Right AC, Bone (L&R) insert masking
Frequency range (Hz):	AC: 125-8kHz BC: 250Hz-8kHz
Frequency accuracy:	<1%
Distortion:	<2%
Output level range (AC):	-10dBHL to 120dBHL (max)
Output level range (BC):	-10dBHL to 70dBHL (max)
Insert masking output:	90dBHL max (250-4kHz)
Output level accuracy:	Within 3dB
Output level step size:	5dB
Output transducer options:	Standard audiometric headset (AC) and/or optional insert earphones
Tone present:	Pure Tone, Pulsed or Warble
AC test:	Manual or automatic mode
Masking:	Narrowband
Communication:	Integral talk forward facility
NOAH interface:	Transfer of AC, BC and speech test results

Physical data

Display:	2 lines of 24 characters (backlit)
Power (battery):	4 x 1.5V "C" type batteries
Power (mains):	100-240V ac 50-60Hz
Dimensions:	10.5" L x 7" W x 2.75" H
Weight:	1.6 pounds

Standards

The Amplivox 240 conforms to the relevant clauses of the following standards.

Safety:	IEC 60601-1
EMC:	IEC 60601-1-2
Audiometric:	IEC 60645-1, ANSI S3.6
CE mark:	Complies to EU Medical Device Directive

Equipment

Standard equipment

- Audiometric headset
- Bone conductor headset
- Patient response switch
- Audiogram cards (50)
- Operation manual
- Mains adaptor
- Integrated talk over function
- Custom-designed carrying case



Carrying case

For portability, the **Amplivox 240** is supplied with a carrying case, designed to accommodate the audiometer and all accessories.

Optional equipment

- Masking earpiece and lead
- Audiocups (noise reducing headset enclosures)
- NOAH interface (for AC and BC test results)
- Internal battery power option
- Insert earphones
- External printer (for AC and BC test results)

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