

# 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%
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 and/or optional insert earphones
Tone present:	Single, pulsed or warble
AC test:	Manual or automatic mode
Masking:	Narrowband
Communication:	Integral talk forward facility
NOAH interface:	Transfer of AC and BC 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 (mm):	270 x 175 x 68 high
Weight:	735 grams

### 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
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 domiciliary use, 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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