



# Model 270

## Diagnostic Audiometer

- Air, bone and speech audiometry
- Pure tone, continuous, pulsed and warble tones
- Range of clinical tests
- Optional NOAH interface
- Compact and easy to use
- Talk forward/back function
- Optional printer
- Optional insert earphones

The **Amplivox 270** is a diagnostic audiometer that excels in the critical areas of technology, ergonomics and ease of use.

### Technology

A comprehensive specification including several clinical tests, transducer output choices and test result recording options together with unsurpassed product reliability is made possible by the use of advanced digital technology.

### Ergonomics

The controls are arranged in a clear and logical manner. Test information appears instantaneously on the large integral display which is set at an optimal viewing angle.

### Ease of Use

A reduced test time is achieved with the use of the threshold retention facility and quiet, positive action rotary controls. Test results can be saved in memory, printed with the optional printer or exported via the NOAH compatible interface (AC and BC results).

### Portable

The **Amplivox 270** is a very compact audiometer and has the flexibility to be used for both clinic and portable applications. The optional lightweight carrying case is designed to accommodate the audiometer and accessories.





- Mains adaptor
- Integrated talk over function

### Optional equipment

- Custom-designed carrying case
- Insert earphones
- NOAH interface software\*
- External printer and lead\*
- Monitor/masking earpiece and lead
- Microphone(s)
- Audiocups (noise reducing earphone enclosures)
- Audiogram cards

\* For AC and BC test results.

### Standard equipment

- Audiometric headset
- Bone conductor headset
- Patient response switch
- Audiogram cards (50)
- Operation manual

### Technical Specification

#### OUTPUT/INPUT DATA

Outputs: Left AC, Right AC, Bone (L&R) insert masking and freefield  
 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)  
 Output level range (FF): Up to 90dB  
 Insert masking output: 90dBHL max (250-4kHz)  
 Output level accuracy: Within 3dB  
 Output level step size: 2.5dB/5dB  
 Output transducer options: TDH39/TDH49 earphones, optional insert earphones and freefield  
 Tone present: Single, pulsed, warble or continuous  
 Masking: Narrowband or broadband  
 Lock: Synchronous channel lock  
 Clinical tests: SISI Stenger ABLB SAL  
 Communication: Integral talk over and talk back facility  
 Recorded speech: Tape or CD input  
 Live speech: 2 x microphone input  
 Level indicator: Monitors live and recorded speech  
 NOAH interface: Transfer of AC and BC test results

#### PHYSICAL DATA

Display: 2 lines of 24 characters  
 Power (UK): 240V ac 50/60 Hz  
 Dimensions (mm): 355 x 230 x 100 high  
 Weight: 1.54kg

#### STANDARDS

The Amplivox 270 conforms to the relevant clauses of the following standards.  
 Safety: EN60601-1  
 EMC: EN60601-1-2  
 Audiometric: EN60645  
 CE mark: Approved for Medical Device Directive

*The Amplivox policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.*

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