



For everyone

Model 270+

Advanced diagnostic
audiometer



Diagnostic audiometry

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A powerful diagnostic audiometer with enhanced technology for ease of use, accurate testing and reduced consultation times.

For 90 years Amplivox has worked closely with hearing health professionals to design, manufacture, and develop reliable screening and diagnostic instruments.

By listening to their needs, we've delivered solutions that have not only met expectations, but exceeded them.

The Model 270+ combines advanced diagnostic testing, intelligent masking support and an intuitive workflow.

It helps audiologists and ENT professionals work more efficiently, while maintaining clinical accuracy. The Model 270+ is the audiometer of choice for a modern audiology service.



“Combining familiar features with the latest technology, the Model 270+ is the perfect tool to run a modern audiology service.

Bo Grarup
R&D Manager

Designed around you



Enhanced technology

Premium rotary controls, silent touch buttons and clear light-ring indicators give clinicians precise, responsive control. The selected ear is easy to confirm at a glance, helping reduce errors and maintain focus.



Ergonomic design

The logical left-to-right six key layout makes the testing process easier to learn, follow and repeat. It supports quicker onboarding for new users and a more natural workflow for experienced clinicians.



Compact footprint

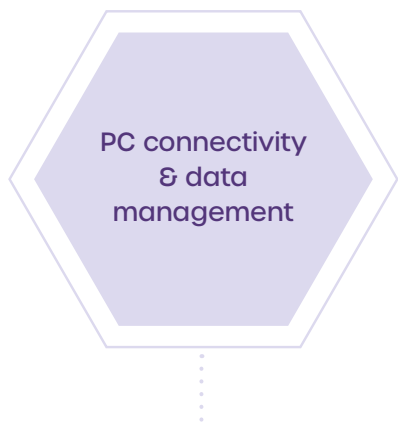
Compact and lightweight at only 1400g / 3.08lbs, combined with a custom carry case, the Model 270+ is the perfect tool for both in-clinic, and mobile audiometry.



Key features

The Model 270+ provides a wealth of functionality and features to support a deeper level of hearing assessment including:

- Faster testing with automatic AC and BC, including masking
- Flexible tone selection: pure, pulsed, warble and continuous
- Real-world speech testing via line-input or live microphone
- Confident masking with assisted support
- Deep insights: ABLB, Stenger, SISI, Tone decay, HLS and MHA tests
- Accurate masking with narrowband and speech-weighted options
- Clear communication with integrated talk forward/back
- Flexible setup with free-field functionality



PC connectivity
& data
management



Built for **modern audiology**

Supporting confident decisions

Perform both manual and automated air and bone conduction testing with tools designed to streamline the diagnostic process.

The Model 270+ helps clinicians identify hearing loss efficiently, supporting accurate diagnosis and informed treatment decisions.

Speech testing can also be performed using live voice, CD or MP3 inputs.

Delivering more than results

When patients present with complex hearing concerns, you need more than basic threshold measurements.

The Model 270+ provides advanced diagnostic tools, including Hearing Loss Simulator (HLS) and Master Hearing Aid (MHA).

These tools support more informed recommendations, clearer counselling conversations and confident rehabilitation planning.

Accurate results with masking

The integrated masking assistant helps simplify one of the most complex aspects of audiometric testing.

By guiding clinicians on when masking is required and whether masking levels are appropriate, the Model 270+ helps improve consistency and confidence in every assessment.

For added efficiency, masking can also be applied automatically during both air and bone conduction testing.



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Technical specifications

Frequency range

Air conduction range (kHz):	0.125, 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8
Bone conduction range (kHz):	0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8
Frequency accuracy:	<1%
Distortion:	<2%
Test method:	Manual or automatic mode (AC and BC)
Tone present:	Continuous or interrupted, pulsed, warble

Output level range

Air conduction range:	-10dBHL to 120dBHL ± 3 dB*
Bone conduction range:	-10dBHL to 70dBHL ± 3 dB*
Output level step size:	1, 2, 5dB

*Dependent on frequency.

Masking

Masking:	Narrowband and speech weighted noise
Output:	Headphones, insert earphones or insert masker
Insert masking output:	90dBHL max (250-4kHz)

Freefield

Output level range (FF):	Up to 90dB
No. of loudspeaker:	2

Special tests

Overthreshold tests:	Stenger test, ABLB (Fowler), SISi, Tone decay (Cahart)
Simulators:	MHA, HLS

Communication

Talk over:	Integrated or external monitor headset
Talk back:	External microphone

Data management

Internal database:	10 audiograms
Optional printer:	MPT-II thermal printer
Data transfer:	Via USB cable to Amplisuite, NOAH, OtoAccess® and other EMR systems
Languages:	English, German, Polish

Speech

Speech input:	PC, tape, CD or MP3 input or live speech
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Safety and standards

Type:	Audiometer Type 3BE/Type 2
Safety:	IEC 60601-1 (plus UL, CSA & EN deviations)
EMC:	IEC 60601-1-2
Performance:	IEC 60645-1/ANSI S3.6
CE Mark:	Complies to EU Medical Device Regulation (MDR 2017/745)

Physical data

Display:	2 lines of 24 characters
Power:	100-240Vac 50-60Hz
Dimensions (L x W x H):	259 x 374 x 90mm
Weight:	1400g / 3.08lbs

Standard equipment

- Standard audiometric headset
- Bone conduction headset
- Patient response switch
- Audiogram cards (50)
- Mains power adaptor
- Carry case
- USB cable (PC connection)
- Manual & software (available via website download)

Optional equipment

- Monitor/masking earpiece and lead
- Combined microphone and monitor headset
- Talkback microphone
- Loudspeaker kit
- Audiocups (noise-reducing headset enclosures)
- Insert earphones
- Portable Thermal printer and cable



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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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