amplivox

For everyone



PC850

PC-based automatic screening audiometer

The leading PC-based audiometer that provides a customised and flexible solution for all screening audiometry requirements within occupational health and safety critical roles. Proven to provide a streamlined and efficient hearing conservation programme.

Comprehensive testing

The PC850 is a reliable choice for occupational health professionals who require a vast range of screening modes. It includes automatic (computer / Békésy) and manual operation options to measure and assess hearing thresholds in accordance with safety critical hearing standards.

It also has configurable options so the test can be customised to the users' specific requirements, ensuring accurate and efficient testing. Designed to connect directly to a PC or as a stand-alone manual audiometer.

Test assessment and management

The suppled Audibase PC software offers custom built educational tools with a predictive hearing level and hearing loss indicator, providing a clear explanation to test subjects, and enabling a greater level of assessment. All tests can be automatically categorised in accordance with HSE standards.

Portability

Compact and lightweight at only 710g (1.56lbs), the PC850 is completely portable, making it ideal for both clinic and mobile audiometry use.

EMR connectivity

Offering seamless PC connectivity, the PC850 includes our Audibase data management software, allowing all test results to be stored and available for future review in a single application.

Extensive data and trend analysis provides business intelligence to support the delivery of a successful hearing conservation programme and identify at risk individuals.

The PC850 can also be interfaced to a number of leading OH Electronic Medical Record (EMR) systems to provide a paperless and seamless health screening programme that maximises workflow efficiencies.

Key features
Automatic and manual test modes (inc. Békésy test)
HSE categorisation
Unique educational and assessment tools
Extensive data analysis and trending
Communication channel
Third-party EMR connectivity
Intuitive and ergonomic design
Compact, lightweight and portable

2 Year Warranty

Visit www.amplivox.com/audiometry/PC850 to learn more about the features and benefits of the PC850

www.amplivox.com | +44 (0)1865 880846 | hello@amplivox.com

PC850

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Technical specifications

Air conduction audiometry

Frequency range (kHz):	0.25, 0.5, 1, 1.5, 2, 3, 4, 6, 8
Frequency accuracy:	<1%
Distortion:	<2%
Output level range:	-10dBHL to 100dBHL ±3dB
Output level step size:	Békésy: 2.5dB Computer: 5dB Manual: 5dB
Test method:	Manual and automatic audiometry PC controlled, Békésy, Computer (Hughson Westlake, BS6655)
Threshold level:	Békésy: 1dB, Computer: 5dB Manual: 5dB

Communication

Talk over:	Integrated

System requirements (PC operated)

Operating system:	Stand alone PC with Windows 10 or higher
Memory:	Internal memory and available disc space as required by the PC operating system
Software:	Available via website download
Connectivity:	USB

Physical data

Graphic display:	2 lines of 24 characters
Power:	Mains: 240Vac 50/60Hz
Dimensions (L x W x H):	252 x 170 x 65mm
Weight:	720g / 1.58lbs

Safety and standards

Type:	Audiometer Type 4
Safety:	IEC 60601-1 (plus UL, CSA & EN deviations)
EMC:	IEC 60601-1-2
Performance:	Type 2 (IEC 60645-1:2017), Type 3BE (ANSI S3.6:2010)
CE Mark:	Complies to EU Medical Device Regulation (MDR 2017/745)

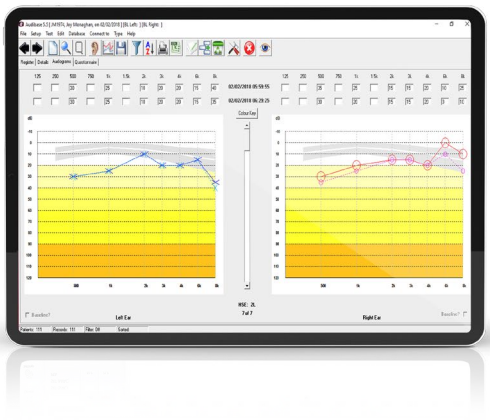
Standard equipment

- Standard audiometric headset
- Subject response switch
- Power supply with country adaptors
- Carry case
- Manual & software (available via website download)
- USB cable (PC connection)

Optional equipment

- Amplivox Audiocups (noise-reducing enclosures)
- Power Bank USB cable
- Ear cushion covers (Audiocup or standard type)
- ER-75 electro acoustic ear simualtor
- Audiology booth
- Booth leads

Additional information



Audibase

Developed by occupational health specialists for occupational health specialists, Audibase is designed to both manage and provide detailed information on hearing conservation programme performance.

Audibase can provide several features to assist with the interpretation of audiometric data, including automatic audiogram categorisation, user selected predictive displays (based upon age and gender) and hearing level indicators.

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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.

EN-ASS11-V3