



# User Manual

Electronic Stethoscope PCE-S 41



User manuals in various languages (français, italiano, español, português, nederlands, türk, polski, русский, 中文) can be found by using our product search on: [www.pce-instruments.com](http://www.pce-instruments.com)

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## 1 Safety notes

Please read this manual carefully and completely before you use the device for the first time. The device may only be used by qualified personnel and repaired by PCE Instruments personnel. Damage or injuries caused by non-observance of the manual are excluded from our liability and not covered by our warranty.

- The device must only be used as described in this instruction manual. If used otherwise, this can cause dangerous situations for the user and damage to the meter.
- The instrument may only be used if the environmental conditions (temperature, relative humidity, ...) are within the ranges stated in the technical specifications. Do not expose the device to extreme temperatures, direct sunlight, extreme humidity or moisture.
- Do not expose the device to shocks or strong vibrations.
- The case should only be opened by qualified PCE Instruments personnel.
- Never use the instrument when your hands are wet.
- You must not make any technical changes to the device.
- The appliance should only be cleaned with a damp cloth. Use only pH-neutral cleaner, no abrasives or solvents.
- The device must only be used with accessories from PCE Instruments or equivalent.
- Before each use, inspect the case for visible damage. If any damage is visible, do not use the device.
- Do not use the instrument in explosive atmospheres.
- The measurement range as stated in the specifications must not be exceeded under any circumstances.
- Non-observance of the safety notes can cause damage to the device and injuries to the user.

We do not assume liability for printing errors or any other mistakes in this manual.

We expressly point to our general guarantee terms which can be found in our general terms of business.

If you have any questions please contact PCE Instruments. The contact details can be found at the end of this manual.



## 2 Technical specifications

Frequency range	100 Hz ... 10 kHz
Volume	adjustable
Power	9V battery
Housing material	ABS
Operating temperature	-10 ... 55 °C / 14 ... 131 °F
Dimensions	206 x 50 x 32 mm / 8.11 x 1.9 x 1.2 in
Length of sensors (attachable)	1 mm x 290 mm; 1 mm x 70mm 0.04 in x 11.4 in ; 0.04 in x 2.8 in
Sensor material	Steel
Weight	240 g / 0.53 lbs with battery

## 3 Measurement

Open the battery compartment cover on the underside of the housing and insert the battery.

Now screw the required probe tip onto the device.

Insert the headphones at the bottom of the housing and put them on. Use the wheel on the outside to switch on the instrument and adjust the volume. After switching on the instrument, the LED indicator at the front lights up. Now hold the probe tip on the object to be tested.

### Attention:

Keep the probe and the headphone cable away from freely rotating objects to avoid accidents.

## 4 Battery replacement

- 1) Switch off the meter.
- 2) Remove the battery compartment cover.
- 2) Remove the old battery and insert the new battery (1 x 9 V block battery).
- 3) Close the battery compartment cover.

## 5 Warranty

You can read our warranty terms in our General Business Terms which you can find here: <https://www.pce-instruments.com/english/terms>.

## 6 Disposal

For the disposal of batteries in the EU, the 2006/66/EC directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose.

In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law.

For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations.

If you have any questions, please contact PCE Instruments.



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