



Sound Level Datalogger PCE-SDL 1

**small sound level datalogger class II / storage space for up to 129920 data sets /
USB-interface / software to transfer and analyze software / robust version /
also used for long-term measurements / LED indicator**

The sound level datalogger measures sounds from 30 ... 130 dB und stores that data internally. The small and robust sound level datalogger comes with a huge storage capacity (up to 129920 sets of data). Therefore it is the perfect device to perform long-term measurements in different areas. The sound level datalogger is a self-sufficient device which measures all values in the given time.

The data can also be transferred to a computer, if needed. After the data is transferred it can be analyzed on the computer. In addition to that the measurement with a sound level datalogger makes it possible to save the data on your computer in order to make certain comparing measurements. The software which is part of the delivery content of the sound level datalogger is able to display a progressive-graph of the data that has been determined. Furthermore the software offers the possibility to set alarm limits that are indicated by the sound level datalogger via flashing LEDs.

A long lasting 3,6 V battery runs the sound level datalogger for a very long period of time. Depending on the frequency of use, this battery operates the sound level datalogger for about a year. In case of any further questions concerning the sound level datalogger, please consult the technical data below or contact us. Our technicians and engineers will be happy to advise you on this sound level datalogger and any product our [regulation and control systems](#), [meters](#), [laboratory equipment](#), and [scales](#) of [PCE Instruments](#).





- USB interface to transfer the data
- works under all current Windows versions
- internal data storage
- logging function for long-term measurements
- NORM (normal) and PEAK mode
- adjustable alarm limits
- LED indicators

- A and C frequency signify
- frequency range 31,5 Hz ... 8 kHz
- adjustable measurement interval
- date and time
- robust casing
- manual and autostart mode
- norm: IEC61672-1 class 2



The sound level datalogger is delivered with a wall mount.

Technical specifications of the sound level datalogger

Measurement range	30 ... 130 dB
Standard	IEC61672-1 (Class II)
Accuracy	±1,4 dB
Time assessment	FAST / SLOW
Frequency	31.5 Hz to 8 kHz
Storage capacity	129920 data sets
Frequency weighting	A, C
Measuring rate	1 sec ... 24 hrs
Operating conditions	0 to 40°C, 10 ... 75 % r.h.
Power supply	3,6 V battery
System requirements	Windows 2000 / XP / Vista / 7
Dimensions	130 x 25 x 30 mm

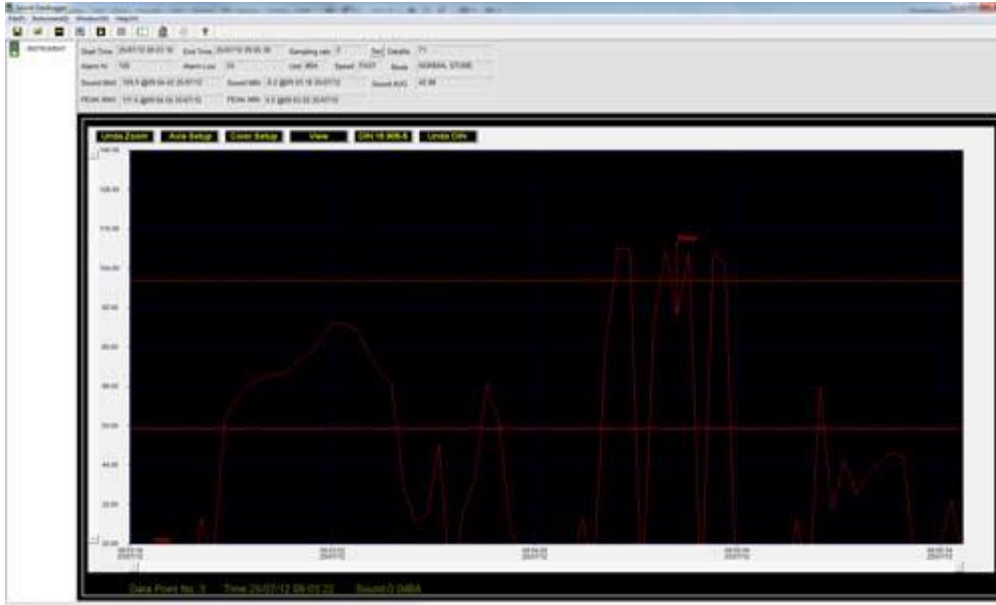




Weight

20 g

Screenshot of the software for the sound level datalogger



Here you can see a screenshot from the analysis that can be made using the software of the sound level datalogger.

Delivery content of the sound level datalogger

- 1 x sound level datalogger PCE-322 A, 1 x wind noise suppressor, 1 x wall mount,
- 1 x Windows software, 1 x battery, 1 x user manual

Optional accessories of the sound level datalogger

- Acoustic calibrator

Acoustic calibrator for a regular recalibration. The noise meter will be delivered calibrated but the sensor suffers oscillation over time and can be recalibrated independently with the acoustic calibrator to ensure perfect measurements.



- Tripod

Light-weight aluminium tripod. It is useful to take series of measurements and guarantee that readings can be reproduced more accurately by keeping the microphone fixed in place. Furthermore, the user is free to record readings manually or to perform other tasks.





- ISO calibration certificate

For companies that wish to include the device in their group of internal tools or for annual recalibrations (if the calibrator is not used). The ISO calibration includes a laboratory calibration and a document with all the measurement values.



In the following, you can see similar products to the term **“sound level datalogger”**:

- [Sound Level Datalogger PCE-222](#)

(4 in 1 sound level meter with internal sensors, humidity, temperature, sound, lux)



- [Sound Level Datalogger PCE-EM882](#)

(Multi- sound level meter for sound, lux, temperature and humidity)



- [Sound Level Datalogger PCE-999](#)

(Standard- sound level meter, accuracy of $\pm 1,5$ dB, adjustable)



- [Sound Level Datalogger PCE-318](#)

(measures from 26 dB, accuracy of $\pm 1,5$ dB, analogue output)

