EXTECH®

Sound Level Meter USB Datalogger - Model 407760

Introduction

Congratulations on your purchase of the 407760 Sound Level Meter Datalogger. This device measures and stores approx. 129,920 readings. Using the supplied Windows™ software, the datalogger can be configured for datalogging rate, high/low alarm limits, frequency weighting, response time, start-mode, and other parameters. The software is also used to download the stored data to a PC. Sound Level data can then be graphed, printed and exported to other applications. The data logger is supplied with a long-life lithium battery. This meter is shipped fully tested and calibrated and, with proper use, will provide years of reliable service. Please visit our website (www.extech.com) to check for the latest version of this User Guide, Product Updates, Software updates, and Customer Support.

Operation

This meter has the capability to connect to and communicate with a PC.
Check the software download page of the website www.extech.com/software for the latest version of the PC software and its operating system compatibility.
Download and unzip the software. Run ExtechInstaller.exe and then refer to the instructions provided in the HELP Utility within the software program.
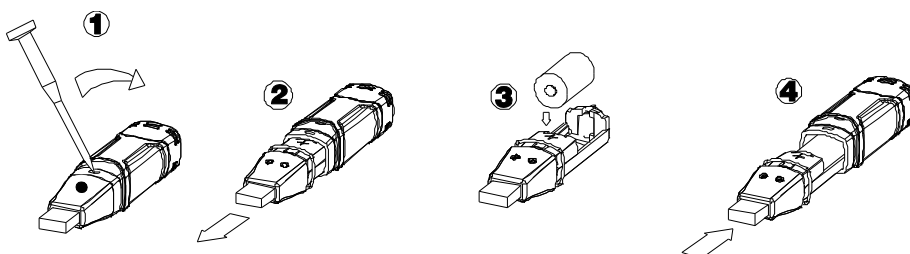
Battery Replacement

When the battery is low (yellow LED blinking), replace the battery as soon as possible.
The Datalogger retains its stored readings even when the battery is discharged or when the battery is replaced; the data logging process will however be stopped and cannot be re-started until the battery has been replaced and the logged data has been downloaded to PC.
Use only one (1) 3.6V lithium battery (1/2 'AA'). Before replacing the battery, disconnect the datalogger from the PC.
NOTE: Leaving the datalogger plugged into the USB port for longer than necessary will shorten the battery life.
Replace battery as shown in diagrams. Observe battery polarity when installing.

Two-year Warranty

Teledyne FLIR warrants this Extech brand instrument *to be free of defects in parts and workmanship for **two years** from date of shipment (a six-month limited warranty applies to sensors and cables). To view the full warranty text please visit:* *http://www.extech.com/support/warranties.*

Calibration and Repair Services

Teledyne FLIR offers calibration and repair services for the Extech brand products we sell. We offer NIST traceable calibration for most of our products. Contact us for information on calibration and repair availability, refer to the contact information below. Annual calibrations should be performed to verify meter performance and accuracy. Product specifications are subject to change without notice. Please visit our website for the most up-to-date product information: www.extech.com.

Contact Customer Support

Customer Support Telephone List: https://support.flir.com/contact
Calibration, Repair, and Returns: repair@extech.com
Technical Support: https://support.flir.com