



# Digital Sound Level Data Logger

HHSL-101



- ✓ Simple One Button Operation Starts/ Stops Data Logging without a PC
- ✓ Plug-and-Play USB 2.0 Interface— No Need for Cables, Cradles or Docks
- ✓ Large Storage Capacity—Track, Store and Download 32,000 Data Points into Excel-Format
- ✓ LCD Displays Real Time Sound Level
- ✓ A/C Frequency Weighting
- ✓ FAST/SLOW Time Weighting
- ✓ MAX/MIN/AVG Displays
- ✓ High and Low Alarm Limit
- ✓ Selectable Sampling Time
- ✓ Ability to Analyze Data in Graph View Using Free Software, Plus Print or Save the Results

The HHSL-101 is a low-cost, compact, battery-powered sound level meter capable of unattended logging (recording) of the decibel level of an environment for days, weeks or months. Data logging can be started or stopped by pushing a button on the unit, eliminating the need to bring a laptop to the job site.

The HHSL-101 is ideal for monitoring environmental and industrial noise as well as for measuring decibel levels during acoustical design, sound system setups and OSHA compliance testing

After a data log has been captured and stored, it can be uploaded as a .txt file to any PC running Windows® XP, Windows® 7 or Windows® 8 operating system after plugging the HHSL-101 into one of the computer's USB ports. The HHSL-101's internal flash memory is large enough to store up to 32,000 data points. Software is included with the product—which is slightly larger than a thumb drive—that can display a data log file as a table or graph and/or export it to Microsoft Excel®. Exporting to Excel is recommended for sophisticated trending and analysis of sound level data and easy detection of unexpected excursions.



HHSL-101 shown smaller than actual size.

## Specifications

**Range:** 30 to 130 dB  
**Resolution:** 0.1 dB  
**Accuracy:**  $\pm 1.5$  dB  
**Memory:** 32,000 data points  
**Communications:** USB 1.0/2.0  
**Software:** Windows XP/7/8  
**Sampling Rate:** 125 ms, 500 ms, 1 sec, 2 sec, 5 sec, 10 sec, 60 sec (user-selectable)  
**Power:** ½ "AA" 3.6V 1200 mAh lithium battery (included); user-replaceable  
**Working Current:** <1 mA  
**Operating Temperature:** 0 to 50°C (32 to 122°F)  
**Operating Humidity:** 10 to 90% RH non-condensing  
**Storage Temperature (Without Battery):** -10 to 50°C (14 to 122°F), 5 to 95% RH  
**Dimensions:** 180 L x 28 H x 27 mm D (7.09 x 1.10 x 1.06")  
**Weight (without battery):** 57 g (2.0 oz)

## To Order

Model No.	Description
HHSL-101	Digital sound level data logger
OM-EL-BATT	Replacement 3.6V lithium battery

*Comes complete with Windows software on CD, protective cap, mounting stand, USB extension cable, 3.6V lithium battery and user's manual.*