



Digital Sound Level Data Logger

HHSL-101



HHSL-101 shown smaller than actual size.

- ✓ 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.

Specifications

Range: 30 to 130 dB

Resolution: 0.1 dB

Accuracy: ±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)



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

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.

Ordering Example: HHSL-101, sound level data logger with LCD display and OCW-1, OMEGACARESM extends standard 1-year warranty to a total of 2 years.