

Simultaneously Records Sound Level and Live Audio

This unique Sound Meter enables you to playback a live audio recording that is synced with the measured sound intensity graph. The meter and included software can quickly collect and analyze all standard sound data such as dB levels, LEQ and SPL, but also allows you to pinpoint the cause of various sound levels using the live recording. Accurate within ± 1.0 dB this sound meter meets or exceeds all current specs for IEC 61672:2013 Class 2 and ANSI S1.4:2014 Type 2 meters. Meets ANSI S1.43:1997 and IEC 61672-3:2013 for Integrating-Averaging Sound Level Meters. Record up to 64,000 records complete with date and time stamp that can be stored in the meter for later download and analysis. All test parameters are simultaneously displayed on a large bright backlit display, with 0.1 dB resolution and a bar graph. Features A or C frequency weightings and fast/slow time weighting options, min/max, over/under range alarms, AC or DC recorder output, and an optional auto power off feature. Calibration can be performed in compliance with OSHA using our Acoustical Calibrator 850016. Comes complete with a foam lined carrying case, windscreen, USB cable, instruction manual, recorder output plug, and 4 AAA batteries providing about 5 hours of use when sound recording is on. The optional microphone extension cable enables remote measurements. N.I.S.T. Traceable Calibration Report available.

DIM: 10½" × 2½" × 1¼" (273 × 89 × 38 mm). WEIGHT: 14.6 oz (414 g).

No.	Description
850018	Sound Recorder/Datalogger
850018C	Sound Recorder/Datalogger Calibrated
850017P	16' Microphone Extension Cable
840091	Windscreen Replacement
840093	Field Tripod

Range	Resolution	Accuracy
30 to 130 dB	0.1 dB	± 1.0 dB

