

PC Environmental is proud to present...

SoundTrack™ LxT

A Revolutionary Approach to Workplace Noise Sampling



Over the years, various types of Sound Level and Octave Band Meters have been used by Industrial Hygienists and Safety Professionals for monitoring workplace noise — most requiring significant operator training and producing varying degrees of effectiveness. At the Larson Davis Industrial Hygiene Products Group, we believe this is because until now, Sound Level Meters were designed primarily for use by Acoustical Engineers, not for Safety and Health professionals.

That's been changed forever — with SoundTrack™ LxT!

The SoundTrack™ LxT Sound Level Meter was developed to meet the unique needs of those involved in workplace noise exposure assessment and plant noise surveys. With its sleek ergonomic design — slender and able to be held and operated with just one hand — to its exceptional exposure data presentations, the SoundTrack™

LxT is the perfect tool for gathering, analyzing, and presenting detailed noise environment data quickly, easily and concisely. New and better ways to organize your sampling methodology and annotate noise survey data save incredible amounts of time and provide better results, every time — all at a price that won't consume your entire instrument budget!

Features:

- Simple Operation — with just one hand!
- 20 Hours runtime on 4 AA Alkaline Batteries
- USB 2.0 Interface
- Intrinsically Safe**
- Large, Bright, High-Contrast LCD Screen
- Digital Voice Annotation*
- Extremely Rugged — Compact and Lightweight
- Available in Class 1 or Class 2 Versions
- Multi-Language Format for Global Compatibility**
- TaskMate Noise Survey Guidance System*

Multiple Measurements from one Sampling Session:

- Real-time dB display
- Real-time Octave Bands*
- Real-time 1/3 Octave Bands*
- Leq (Average w/ 3 dB Exchange rate)
- TWA/Average dB (Other than 3dB exchange rate)
- Lmax
- Lpeak
- Multiple Dose and Exposure calculations
- Time stamping of relevant metrics

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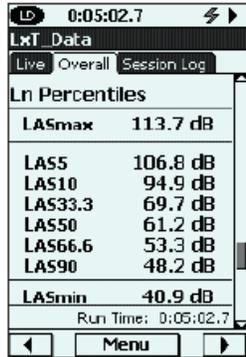
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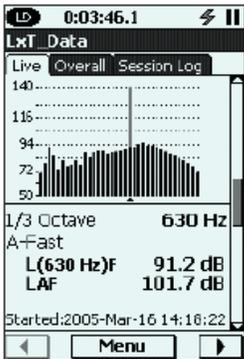
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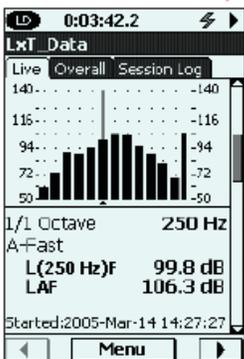
Familiar Controls for Ease-of-use



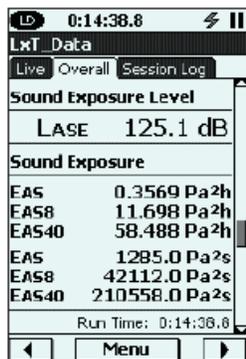
Ln Percentiles



Real-time 1/3 Octave Band Display



Real-time Octave Band Display



Sound Exposure Level

Implement your noise sampling strategy in a more organized fashion — *SoundTrack™ LxT* guides and supports you every step of the way, making tedious surveys fast, easy and complete!

The job of undertaking periodic surveys of noise levels in an industrial facility can be tedious and sometimes frustrating — but with *SoundTrack™ LxT*, you can pre-plan your sampling to be certain that all points of interest — such as work areas or specific tasks — are not accidentally overlooked. With the optional “TaskMate” feature**, *SoundTrack™ LxT* prompts and assists you at each monitoring location, displaying relevant information for executing the correct measurement. Add in the “Store when Stable (Leq)” feature and selective keypad lockout, and you can comfortably hand off the *SoundTrack™ LxT* to minimally trained technicians with assurance of a positive outcome. No more skipped locations, questionable results and missing data points!

Add to your effectiveness with on-board Digital Voice Annotation — and leave pencils and notebooks behind!

Now you can record your own observations about the environment, the worker and tasks performed, or even whether proper hearing protection is worn — all at the push of a button, using the Digital Voice Note Recording option and included headset microphone. At the end of the day, recorded notes can be played back right from your PC — they are digitally stored with related noise data and exposure calculations for future reference.

Real-Time Octave Band Frequency Data Available Instantly!

With optional 1/1 or 1/3 REAL-TIME Octave Band Frequency Analysis, the *SoundTrack™ LxT* quickly captures far more accurate frequency band data, because all Octave (or 1/3 Octave) measurements are performed simultaneously. No more tedious “stepping through” each Octave Band, as in the past — all data are captured from virtually the same point in time; which is vital for maximum accuracy in a varying noise environment. What's more, you'll save significant amounts of time performing Octave Band measurements, which are an important part of determining effectiveness of Engineering Controls or selecting proper hearing protection devices (HPD's).

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