



MODEL LxT1 & LxT2

SOUNDTRACK LxT[®] N/FORCER

- Complies with applicable community and nuisance noise enforcement standards
- Prints noise level results on site with date and time of complaint response
- Simple, one-handed operation
- Brightly lit, clearly labeled LCD display
- Durable and weather resistant
- Supplied with printer, calibrator, and case
- 24/7 Technical Support
- Available in Class 1 or 2

TYPICAL APPLICATIONS

- Community Noise Standards and Code Enforcement
- Nuisance Noise Complaints
- Construction Sites, Racetracks, Outdoor Concerts, etc.
- Traffic Noise and 'Boom Cars'

NOISE ORDINANCE MEASUREMENTS

Portable, compact and simple to use, the Larson Davis LxT N/Forcer Sound Level Meter produces accurate, citation-ready noise data on-the-spot, with its compact portable printer. Responding to noise complaints and enforcing local noise ordinances can be hard enough, given the emotionally charged nature of the complaint. Getting objective measurements with a simple-to-use Sound Level Meter makes the job easier.

The SoundTrack LxT[®] N/Forcer is designed for use by anyone whose mission is to obtain noise measurements of evidential quality, conforming to local ordinances or other regulatory requirements. No prior experience in sound measurement or acoustics is needed; a simple instruction manual is included with the system, and customer support is available by phone 24/7. Push a button to obtain the readings, and another to get a printout of the noise measurement, with date and time stamp. For PC download, software is included at no additional cost.

SoundTrack LxT[®] N/Forcer is built tough, and has a high visibility backlit display for easy readability, day or night. Part of the Larson Davis family of reliable, accurate sound level meters, you can be sure the quality of your N/Forcer noise data is verifiable and reports are admissible.

SPECIFICATIONS			
Performance			
Integrating Sound Level Meter – Time weighting: Slow, Fast, Impulse, TWA, Peak (peak has independently selectable frequency weighting) Frequency weighting: A, C, & Z, Octave, Fractional Octave (with OBA options).			
		LxT1	LxT
Measurement Range	A	38 to 140 dB SPL	37 to 140 dB SPL
	C	37 to 140 dB SPL	37 to 140 dB SPL
	Z	42 to 140 dB SPL	42 to 140 dB SPL
Measurements	SPL, Leq, Lmin, Lmax, Lpeak, Lpeak (max)		
SPL Maximum Level	140 dB SPL		140 dB SPL
Peak Level	143 dB		143 dB
Data Storage / Communication			
Flash Data Storage	2 GB standard		
Communication	USB		
Display / Keypad			
Display	High contrast, monochrome, black on white, 1/8th VGA 160 x 240 dot graphics, 4-level grey-scale, bright white LED backlighting		
Keypad	Silicone elastomer “quiet touch” with tactile feedback, 4 dedicated function keys, 3 context soft-keys, and 5 navigation keys		
Power			
Internal	4 AA cells, 1.5 volts each; Alkaline, NiMH, or Lithium		
External	5.0 VDC ±5%, 500 mA maximum, USB powered		
Battery Life	Approximately 22 hours (alkaline cells), 30 hours (lithium cells), depending on usage		
Physical			
Dimensions (L x W x D)	8.8 x 2.8 x 1.6 in	22.4 x 7.1 x 4.1 cm	
Length with Preamp and Microphone	11.5 in	29.2 cm	
Weight	1.0 lb	471 g	
Weight with Preamp and Microphone	1.1 lb	513 g	
Environmental			
Operating Temperature	14–122 °F	-10–50 °C	
Storage Temperature	-22–140 °F	-30–60 °C	
Humidity	up to 95% non-condensing		
International Protection Rating	IP 54		
Standards Compliance			
ANSI	S1.4-1985 (R 2001), S1.43-1997 (R 2002), S1.25-1991 (R 2007), S1.11-2004		
IEC	61672-2002, 60651-2001, 60804-2000, 61260-2001, 61252-2002		
CE	Directive 2004/108/EC, IEC 61326-1:2005		

ORDERING INFORMATION	
Firmware Options	
LXT-CN	Community Noise, Ldn & Lden
LXT-ENV	Measurement History (intervals)
LXT-LOG	Time History Data Logging
LXT-DVA	Digital Voice Annotation
LXT-OB1	1/1 Octave Real Time Filters
LXT-OB3	1/1 and 1/3 Octave Real Time Filters
Accessories	
LXT-CCS	Hard Shell Pelican™ Carrying Case
SWW-BLAZE-LXT	Industrial Hygiene Software for Model LxT
Available Configurations	
LXT1-NFR-PK1	SoundTrack LxT® N/Forcer Road Kit Class 1 with microphone, preamplifier, windscreen, calibrator, portable printer w/cable, padded carrying case
LXT2-NFR-PK1	SoundTrack LxT® N/Forcer Road Kit Class 2 with microphone, low range preamplifier, windscreen, calibrator, portable printer w/ cable, padded carrying case
Special LxT Configurations	
LXT1-QPR	High Decibel Configurations for Model LxT includes 1/4" microphone to measure >160 dB



N/Forcer Road Kit



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Larson Davis offers a full line of noise and vibration measurement instrumentation such as Class 1 and 2 sound level meters, outdoor noise monitoring systems, personal noise dosimeters, human vibration meters, audiometric calibration systems, microphones and preamplifiers, and data analysis software. Instrumentation is used in community and environmental noise monitoring, measurement of building acoustics, managing worker exposure to noise and vibration, and various automotive, aerospace, and industrial applications. Larson Davis is a division of PCB Piezotronics, Inc., a wholly owned subsidiary of MTS Systems Corporations.

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