



# SoundTrack LxT® N/Forcer

For Community Noise Ordinance Measurements and Nuisance Complaint Response. Portable, compact and simple to use, the Larson Davis LxTN/Forcer Sound Level Meter produces accurate, citation-ready noise data on-the-spot, with its compact portable printer.

## Highlights

- 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



Handle noise complaints easily with N/Forcer Noise Meter

## Applications

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

Responding to noise complaints and enforcing local noise ordinances can be hard enough, given the emotionally charged nature of the complaint. Getting objective measurements on-the-spot, with a simple-to-use Sound Level Meter, makes the job easier.

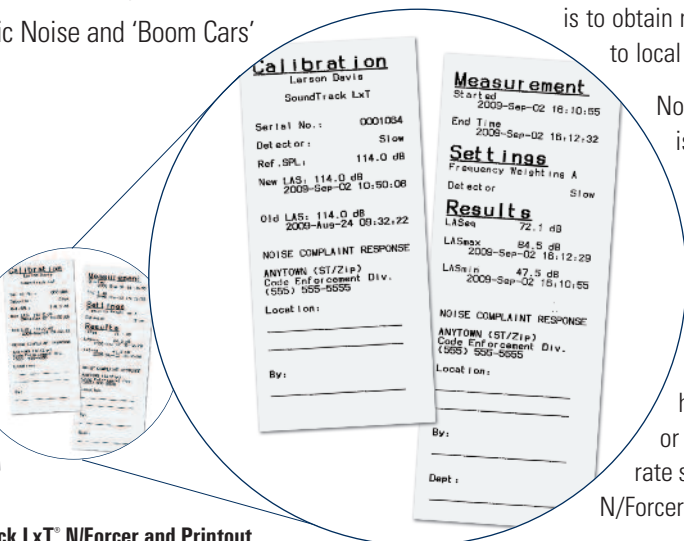
The SoundTrack LxT® N/Forcer is designed for use by anyone whose mission is to obtain noise measurements of evidential quality, conforming to local ordinances or other regulatory requirements.

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.



SoundTrack LxT® N/Forcer and Printout



**Calibration**  
Larson Davis  
SoundTrack LxT

Serial No.: 0001054  
Detector: Slow  
Ref. SPL: 114.0 dB  
New LxS: 114.0 dB  
2009-Sep-02 10:50:08

Old LxS: 114.0 dB  
2009-Aug-24 09:32:22

NOISE COMPLAINT RESPONSE  
ANYTOWN (ST/21p)  
Code Enforcement Div.  
(505) 555-5555

Location:

By:

**Measurement**

Started  
2009-Sep-02 18:10:55

End Time  
2009-Sep-02 18:12:32

**Settings**  
Frequency Weighting A  
Detector Slow

**Results**  
LxS<sub>eq</sub> 72.1 dB  
LxS<sub>max</sub> 84.5 dB  
2009-Sep-02 18:12:29  
LxS<sub>in</sub> 47.5 dB  
2009-Sep-02 18:10:55

NOISE COMPLAINT RESPONSE  
ANYTOWN (ST/21p)  
Code Enforcement Div.  
(505) 555-5555

Location:

By:

Dept:



## AVAILABLE MODELS:

- **LxT1-NFR-PK1 (ANSI/IEC Class 1 – Most Accurate Measurements)**
- **LxT2-NFR-PK2 (ANSI/IEC Class 2 – Lower Cost Alternative)**



**N/Forcer Road Kit**

### Available Configurations

Model	Description
<b>LXT1-NFR-PK1</b>	SoundTrack LxT® N/Forcer Road Kit Class-1 with microphone, preamplifier, windscreens, calibrator, portable printer w/cable, padded carrying case
<b>LXT2-NFR-PK1</b>	SoundTrack LxT® N/Forcer Road Kit Class-2 with microphone, low range preamplifier, windscreens, calibrator, portable printer w/ cable, padded carrying case



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Printed in U.S.A.

## General

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	LxT2	
<b>Measurement Range</b>	<b>A</b>	38 to 140 dB SPL	37 to 140 dB SPL
	<b>C</b>	37 to 140 dB SPL	37 to 140 dB SPL
	<b>Z</b>	42 to 140 dB SPL	42 to 140 dB SPL
<b>SPL maximum level</b>	140 dB SPL	140 dB SPL	
<b>Peak level</b>	143 dB	143 dB	

## Measurements (qty)

SPL, Leq, Lmin, Lmax, Lpeak, Lpeak (max)

## Data Storage / Communication

**Flash Data Storage:** 2GB standard

**Communication to PC via 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%, 500mA maximum, USB powered

**Battery life:** Approximately 22 hours (alkaline cells), 30 Hours (lithium cells), depending on usage

## Physical Characteristics

**Dimensions:** 8.8" L x 2.8" W x 1.6" D (22.4 cm x 7.1 cm x 4.1 cm), 11.5" L (29.2 cm) with preamplifier and microphone

**Weight:** 1.0 lbs (471 g), 1.1 lbs (513 g) with preamplifier and microphone

## Environmental

**Operating temperature:** 14 to 122 °F (-10 to 50 °C)

**Storage temperature:** -22 to 140 °F (-30 to 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

## Options and Accessories

### 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

### Assessories

LXT-CCS	Hard Shell Pelican Carrying Case
SWW-BLAZE-LXT	Industrial Hygiene Software for Model LxT

### Special LxT Configurations

LXT1-QPR	High Decibel Configuration for Model LxT - includes 1/4" microphone to measure >160dB
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For environmental noise monitoring and building acoustics, **Larson Davis** offers a full line of instruments, accessories, and software. For personal noise and vibration exposure monitoring, Larson Davis complements this with sound level meters, personal noise dosimeters, human vibration meters, audiometric calibration systems, and hearing conservation programs.

Visit [www.larsondavis.com](http://www.larsondavis.com) to locate your nearest sales office