

SoundTrack LxT[®] N/Forcer Model NFR w/Printer FIELD OPERATION GUIDE



 **LARSON DAVIS**
A PCB PIEZOTRONICS DIV.

HARDWARE



ASSEMBLY IN SOFT CASE

- Step 1. Unpack components from the shipping packaging

- Step 2. Place the components inside the soft case as shown below

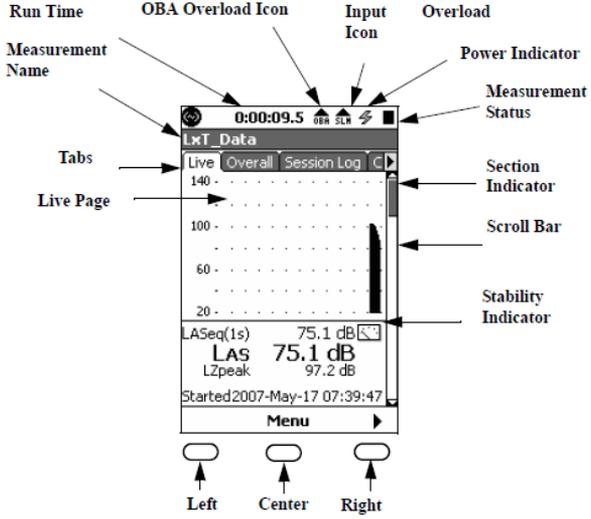
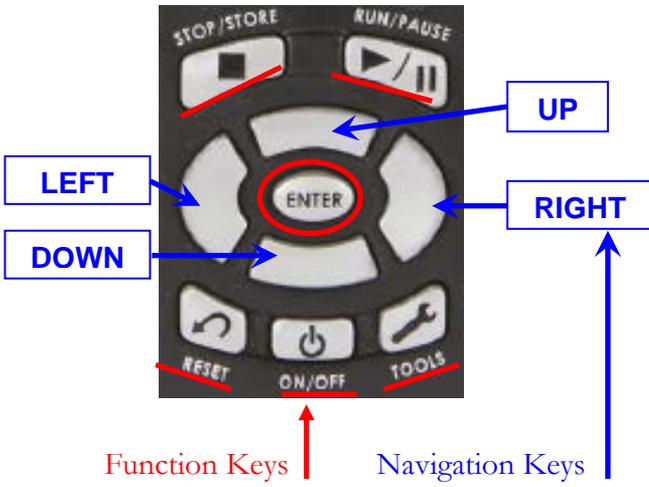


ASSEMBLY FOR MEASUREMENT

- Step 2. Verify that the meter and printer have charged batteries. LxT uses alkaline batteries.
- Step 3. Connect preamp and microphone to LxT by aligning the line on the preamp with the preamplifier release button on the meter and inserting the end with the multi-pin connector into the top of the LxT while applying gentle pressure until the preamplifier snaps into position. To release press the **preamplifier release button** and pull out.
- Step 4. Attach the windscreen.



N/FORCER KEYS & SCREENS



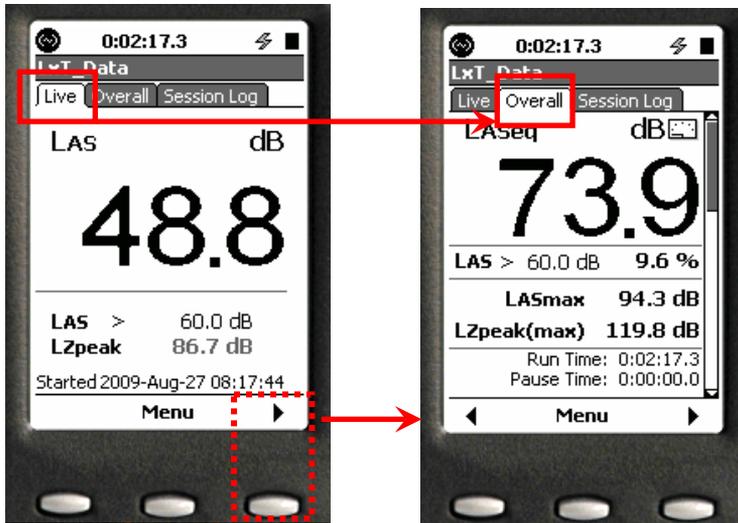
Blue arrow points to ACTIVE VIEWING tab
Red arrow points to tabs that are NOT currently being viewed



These three buttons allow you to control the views and functions available on the LCD display. They are used as both FUNCTION and NAVIGATION controls.

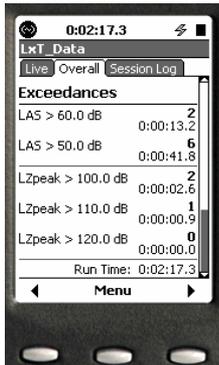
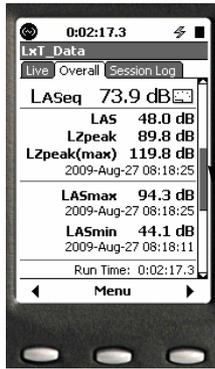
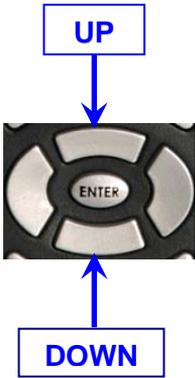
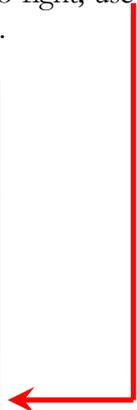
and NAVIGATION controls.

Data screens have a tab at the top like a file folder. To move from one to the next, simply use the left and right control keys to maneuver.



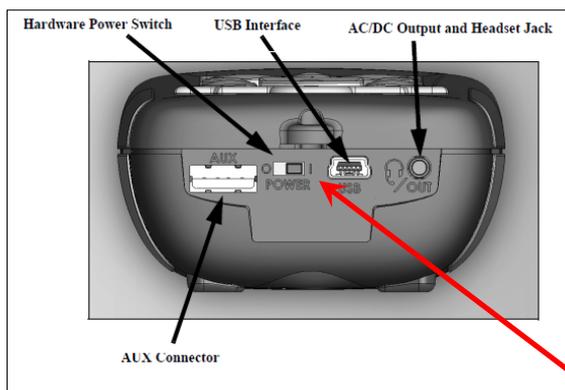
In this example you are on the Live tab screen and wish to view the Overall tab screen: Simply push the right key to move to the Overall tab; to move back push the left key.

Use the small control buttons to move from left to right; use the down key to view Overall data screens as below.



Notice how the scroll bar indicates more than one data display (available by pushing the down key)

MAKING A MEASUREMENT GETTING STARTED



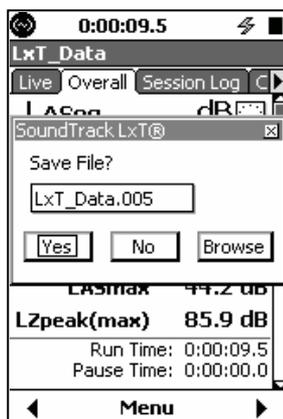
Check to see that the main power switch on the bottom of the LxT is in the “on” position (I). Turn on the LxT by pressing the power **ON** button once. Power on the printer by briefly pressing the large **M** (the green LED above the M will be lit). The printer will print a self test page if the “M” button is held for 2 or more seconds.



Power ON
Button

MEASUREMENT

- Step 1. When making a measurement, hold the SoundTrack LxT[®] extended from the body while pointing the sound level meter at the noise source.
- Step 2. Press the RUN/PAUSE button to begin.
- Step 3. When the measurement is complete, press the STOP/STORE button to end the measurement. The measurement will end and you will automatically be prompted to save the measurement. Using the left, right control buttons under the display screen you have “Yes”, “No” or “Browse” choices for the file save. Using the Enter key you can confirm your selection. Note if you select No, you must confirm delete by pressing the RESET button prior to making a new measurement.



PRINTING RESULTS

Step 4. Press the center control button below the word Menu on the LCD and then press down key to highlight Print Enforcement. Press Enter and the printout will begin. Repeat for Print Calibration.



Step 5. Tear off the Measurement and Calibration printouts and complete by writing the location in the space provided and signing the printouts.

<u>Measurement</u>	
Started	2009-Sep-21 14:51:16
End Time	2009-Sep-21 14:51:26
<u>Settings</u>	
Frequency Weighting	A
Detect or	Slow
<u>Results</u>	
LASeq	64.9 dB
LASmax	67.9 dB
	2009-Sep-21 14:51:19
LASmin	38.0 dB
	2009-Sep-21 14:51:16
Location:	_____
By:	_____
Dept:	_____

<u>Calibration</u>	
Larson Davis	
SoundTrack LxT	
Serial No.:	0001185
Preamp:	PRMLxT2L
Detect or:	Slow
Ref. SPL:	113.9 dB
New LAS:	113.9 dB
	2009-Sep-21 14:55:47
Old LAS:	114.0 dB
	2009-Sep-21 14:53:26
Location:	_____
By:	_____

Battery Charging

- Insert batteries following correct polarity
- Charge batteries for 16 hours with printer off before initial use
- Printer can be left connected to the power adapter
- If printing becomes faint, erratic or not possible, turn off the printer and charge for at least 15 minutes. The printer requires battery power to print.
- Use only the supplied power adapter. **The use of an unapproved source may void the printer's warranty.**

Printer head thermal limit—after extensive printing the print head temperature may rise to an unusable level. and printing will be stopped until the head temperature returns to normal levels.

Paper Out—the printer will automatically detect when the printer paper has run out. Replace the paper roll by lifting up on the printer paper window until the lid is released from its locked position. To avoid damage do not use excessive force.

Remove the remaining paper; reel off a few centimeters from a new



roll of paper, hold about 5cm of paper outside the printer as the roll is dropped into the paper reservoir. Close the lid by applying equal amounts of pressure on each side until the lid is locked into position.

Paper tear procedure—tear the surplus paper or the printout report off by pulling the paper toward the front of the printer and tearing from one side to the other across the serrated edge.



Total Customer Satisfaction Guaranteed

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