LARSON DAVIS
A PCB DIVISION

M O D E L   **L X T - Q P R**

FIREARMS ACOUSTIC ANALYSIS

- Measure up to 178 dB peak (± 3 dB)

- Type 1 Accuracy for Courtroom Traceability

- Large backlit display

- 20 hour runtime on four standard AA batteries

- Simple setup specific to gunfire testing applications

- Large internal memory capable of storing multiple tests

- USB connection to PC for data archiving, reporting and storage

- Utility software provides custom report generation

- 24-hour factory support at no cost

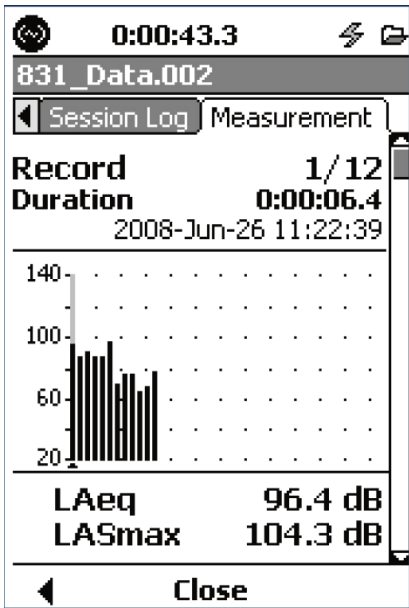- Web-based training courses

- Equipped with LDG4 Utility Software

MEASURE SOUND PRESSURE LEVEL

Many firearm examiners are tasked with determining whether installation of a suppressor on a firearm results in a "perceptible" reduction of the sound pressure level of a gun. The Larson Davis SoundTrack LxT® provides this functionality utilizing an easy-to-use handheld platform.

With the included ¼" prepolarized pressure microphone, Model LXT1-QPR, is capable of reading the very high levels typically associated with gunfire testing. These readings can quickly be organized and stored on internal memory, and exported to a PC for archiving and reporting. Reports generated include selectable noise parameters (peak, background level, max SPL, etc.) as well as calibration history of the instrument, important for courtroom presentations.

All Larson Davis sound level meters are supplied with NIST-traceable calibration certificates. Yearly calibration services are offered. The Larson Davis Model LXT1-QPR comes with the LDG4 Utility Software and is an ideal tool for gathering, analyzing and presenting detailed firearm noise data quickly, easily and concisely.

REPORTING (WITH LXT-ENV OPTION ENABLED)

Supression	Shot	Date	Time	Duration	LZpeak (max)	L90.00
-	1	2018/06/26	11:22:39	00:00:06.4	139.4	42.0
-	2	2018/06/26	11:23:04	00:00:03.3	128.5	48.3
-	3	2018/06/26	11:23:16	00:00:04.0	129.3	45.4
-	4	2018/06/26	11:23:30	00:00:02.9	129.3	48.9
-	5	2018/06/26	11:29:19	00:00:03.1	128.4	47.8
-	6	2018/06/26	11:29:47	00:00:03.0	137.4	45.4
√	7	2018/06/26	11:30:49	00:00:03.7	107.7	44.0
√	8	2018/06/26	11:30:57	00:00:03.2	112.4	45.3
√	9	2018/06/26	11:31:05	00:00:02.6	112.4	54.5
√	10	2018/06/26	11:31:12	00:00:04.1	103.3	51.5
√	11	2018/06/26	11:31:18	00:00:03.9	106.8	46.4
√	12	2018/06/26	11:31:25	00:00:03.1	112.1	49.1

Screen can be projected on PC for presentations and training.

Model LXT1-QPR