

**TELASHOCK-XR 3-AXIS DATA LOGGER PROVIDES RECORDING DURATION UP TO 60 DAYS**

Available in 5g, 50g, or 100g models, Telatemp's programmable TelaSHOCK-XR Extended Run Tri-Axial Shock Recorder is a battery-powered, stand-alone data logger that simultaneously measures and records up to 349,525 date and time stamped peak acceleration data points per axis. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged.

The TelaSHOCK-XR is designed to operate within moving environments such as vehicles, trains and ships. The device is also useful in characterizing environments such as production and assembly lines of delicate electronics, IC fabrication, communications and computer components, as well as active, vibration-sensitive pharmaceuticals. The TelaSHOCK-XR is supplied with three internal accelerometers oriented for measurement of three perpendicular axes. This instrument can be mounted in any orientation.

Powered by 6 D-cell alkaline batteries. Typical battery life is up to 60 days.

With the Telatemp Micro Series Software\*, starting, stopping and downloading data from the TelaSHOCK-XR is simple and easy. Data can also be viewed in graphical, tabular, and summary form, displayed in date and time stamped gravities (g and mg) and saved to your PC as an electronic file. The data can also be exported to Excel® for further calculations.

Complete user manual can be viewed onscreen or printed out from the software.

\*MLSP-USB Software & USB Interface is required.

**FEATURES**

- High speed download (115,200 baud)
- Built-in accelerometers
- Real-time operation
- Programmable start time
- Reusable
- Compact
- User-friendly
- CE compliant

**APPLICATIONS**

- Shipment monitoring
- Assembly line monitoring
- Brake testing
- Fragility testing
- Laboratory drop testing
- Aircraft turbulence measurement
- Machinery monitoring
- Railcar coupling impacts

**TO ORDER**

- TelaSHOCK-XR Extended Run Tri-Axial Shock Recorder (specify 5g, 50g, or 100g models)
- MLSP-USB Software & USB Interface



**WARRANTY:** The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness of purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved by Telatemp Corporation to be defective.

**LIMITATION OF LIABILITY:** All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. Telatemp Corporation recommends each user determine the suitability of the products for the intended application. Telatemp Corporation shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

*\*Prices and specifications are subject to change without notice.*

**CALL TOLL FREE HOTLINE 1-800-321-5160 [www.telatemp.com](http://www.telatemp.com)**

Telatemp Corporation 2910-C East La Palma Avenue Anaheim, CA USA 92806  
Phone +714-414-0343 Fax +714-414-0383 [customerservice@telatemp.com](mailto:customerservice@telatemp.com)



**TELESHOCK-XR EXTENDED RUN TRI-AXIAL SHOCK RECORDER SPECIFICATIONS:**

Channels: Shock (3 axes)

Acceleration Specifications:

Acceleration Range (g):	±5	±50	±100
Calibrated Accuracy (g):	±0.2	±1	±2
Acceleration Resolution (g):	0.01	0.05	0.1

Sample Rate: 1.953ms/512Hz

Reading Interval: 64Hz to 5min

Memory: 349,525 readings per axis, 1,398,100 total readings

Start Modes: Software programmable immediate start or delay starts up to 180 days in advance

Status Indicators: Red: Blinks to indicate sleep mode  
Red & Green: Blinks to indicate delay start  
Green: Blinks to indicate taking sample (blinks at sample rate)

Password Protection: An optional password may be programmed into the device to restrict access to configuration options. Data may be downloaded without the password

Real Time Recording: Record instantaneous acceleration in real time (1 second or slower reading rate)

Calibration: Digital calibration through software

Calibration Date: Automatically recorded within device

Battery Type: Replaceable 6 D-cell alkaline batteries included

Battery Life: 60 days typical @25°C, 1 minute reading rate

Data Format: Date and time stamped gravities (g and mg)

Time Accuracy: ± 1 minute/month (at 20°C, RS232 port not in use)

Computer Interface: USB (interface cable required); 115,200 baud

Software: XP SP3 / Vista / Windows 7

Operating Environment: -20 to +54°C, 0 to 95%RH non-condensing

Dimensions: 5.5" x 5.4" x 3.2" (140mm x 137mm x 80mm)

Weight: 5 lbs (2.3 kg)

Materials: Anodized aluminum

Approvals: CE

*\*Prices and specifications are subject to change without notice.*

**CALL TOLL FREE HOTLINE 1-800-321-5160 [www.telatemp.com](http://www.telatemp.com)**

Telatemp Corporation 2910-C East La Palma Avenue Anaheim, CA USA 92806  
Phone +714-414-0343 Fax +714-414-0383 [customerservice@telatemp.com](mailto:customerservice@telatemp.com)