

Most External Hard Drives Won't Protect Your Data From "Knocks, Jars, or Bumps"

# Our Handheld Ultra-Rugged Transportable Hard Drive Survives Numerous Drops From Up To 7 Feet Onto Concrete

- MILITARY-GRADE SHOCK & VIBRATION PROTECTION**  
 Utilizing patented (over 10,000 Gs) shock protection, this drive withstands numerous drops from 7 feet and over **75 drops** from 3-6 feet onto concrete. Certified to exceed the MIL-STD-810F Transit Drop Test (Method 516, Proc. IV). Offers excellent operational vibration protection for mobile applications.
- LONG OPERATIONAL LIFE**  
 The ultra-rugged hard drive is built to be highly reliable, and is backed by a 2-year warranty. Optional extended warranty with replacement coverage is available.
- HIGH CAPACITY**  
 Capacities range up to **1TB** per drive - Eliminate piles of media and consolidate data.
- LIGHTWEIGHT, SMALL & COMPACT DESIGN**  
 Weighs just 12 ounces and is about the size of a VHS tape. Compact design is stackable and stands vertically.
- PLUG & PLAY – EASE OF USE**  
 Use with Windows XP+, Macintosh OS 8.6+, or Linux OS.
- BUS-POWERED**  
 No separate power supply required; Power is supplied to the drive via Mobile DataVault USB 2.0 data cable.
- USB 2.0 CABLE OR 5.25" DOCKING BAY CONNECTIVITY**  
 The 5.25" Docking Bay allows for cable-free usage and locks for additional security of Mobile DataVault hard drives. Mounts in any standard 5.25" slot in a rack or tower, and is available with IDE, USB 2.0, or SATA connectivity. Mix and match with other Mobile DataVault drive products!
- OPTIONAL ENVIRONMENTAL FILTER**  
 Dust and splash resistant environmental filter for use in harsh conditions.
- ENCRYPTION**  
 FIPS 140-2 Level 1 available now, Level 2 & 3 coming soon!



**ENERGY EFFICIENT DRIVES AVAILABLE**

**AVAILABLE IN THE FOLLOWING CAPACITIES:**  
 500GB, 750GB, 1TB

**NEW! Extreme Series Mobile DataVault 2LE**  
 See specs on back for details

**APPLICATIONS**

- Military / Field Applications**  
*Perfect for harsher mobile computing environments that require ultra-ruggedness and extreme protection.*
- Backup and Disaster Recovery**  
*Highest level of shock and vibration protection for backup, rotation and offsite archiving of critical data.*
- Transferring or Moving Data**  
*Versatile interface allows for interchangeable connection to PCs, Macs and Linux based systems. Patented shock and vibration protection allows for safe transport and shipping.*
- Critical Storage**  
*Safe storage for business- and mission-critical data, digital media, photography, music and other important data.*
- Custom Applications**  
*Use this hard drive in a 5.25" docking bay, 19" rackmount, or tower.*

See back of datasheet for more information.

## PRODUCT SPECIFICATIONS

### Mobile DataVault 2L Ultra-Rugged Transportable Hard Drives\*

\*Specifications may vary based on drive capacity & are subject to change.

General Characteristics	2LX	2LE
Capacity (GB)	500GB, 750GB, 1TB	100/200 GB
Physical Dimensions	1.40 in x 4.45 in x 7.50 in	
Weight	12.5 oz	
Interface	Mini-Centronics	
Connectivity Options	USB 2.0 Cable or 5.25" Docking Bay	
Rotational Speed	5400 or 7200 RPM	4200 or 5400 RPM
Respective Buffer Size	Varies, Call Us!	
OS Compatability	Windows XP+, Mac OS 8.6+, Linux OS	
Power	2LX	2LE
Supply Voltage	+5 V (± 5%)	
Bus-Powered Operation	Yes (with exceptions**) using USB 2.0	
Startup Current (max)		
Idle	1.0 A (+5 V)	.60 W 1.55 A (+5 V)
Shock (Half-Sine Wave)	2LX	2LE
Operating	1,750 G (2.0 ms)	
Non-Operating	11,000 G (0.3ms)	
	Exceeds MIL-STD-810F Transit Drop Test, Method 516, Proc. IV	
Vibration (Half-Sine Wave)	2LX	2LE
Operating	1.5 G (5-500 Hz)	3.0 G (5-500 Hz)
Non-Operating	7.5 G (5-500 Hz)	
Environmental Characteristics Operating:	2LX	2LE
Amb. Temperature (°C)	0° to +55°	-30° to +85°
Rel. Humidity (non-cond.)	5% - 90%	
Altitude (ft)	-1,000 to +10,000	-1,000 to +11,000
Non-Operating:	2LX	2LE
Amb. Temperature (°C)	-40° to +65°	-40° to +85°
Rel. Humidity (non-cond.)	5% - 95%	
Altitude (ft)	-1,000 to +40,000	
Reliability	2LX	2LE
Error Rate (Non-Recoverable)	1 in 10 <sup>14</sup>	
Start/Stops (at 40° C)	600,000	
Warranty	2 Years Optional 2-year extended warranty & replacement coverage is available.	

## Ultra-Versatile Connectivity Options

This product can be used *interchangeably* with any of the following cable kits and/or docking bay:

### USB 2.0 CABLE

Burst Transfer Rate: 480 Mbps



### 5.25" DOCKING BAY

Docking Bay Connectivity Options: IDE, USB 2.0, or SATA  
Locks for additional security.



## USE IN RACKMOUNT & MOBILE TOWERS

High Capacity Internal/Desktop Removable Hard Drive Solutions



Large Capacity Desktop Tower with RAID, Separate Volume or Hybrid Configurations Available



Large Capacity 19" Rackmount with RAID, Separate Volume or Hybrid Configurations Available



MIL-STD-810F Racks Optional

Also Available: New USB 3.0/eSATA External Removable Drives with up to 4TB capacity.

## Customized Solutions Available – Call Us

Contact information is below.

Visit [www.olixir.com](http://www.olixir.com) for new product updates, additional specs, applications, case studies, and promotions.

**RAID Compatible Hard Drives:** Certain rack and tower systems may require a specific model Mobile DataVault hard drive. Please call for details.

\* Requires Mobile DataVault cable (which has mini-centronics port on one side)

\*\* Bus-Power always requires a USB host port with sufficient power for the hard drive. Also, some 2LX/E models require a power cable regardless, which is included with all cable kits sold. Please contact Olixir to verify the models that are known to run via bus-power.



Olixir Technologies Worldwide Sales Office

370 South Abbott Ave | Milpitas, CA 95035 | phone: 800.719.0595 x101 or 408.719.0595 x101 | fax: 408.719.1372  
www.olixir.com | sales@olixir.com | Available via GSA Contract GS-35F-0538P