

DLT LoaderXpress®



LOW COST, UNATTENDED BACKUP... WITH THE RELIABILITY OF DLT

LOW COST, UNATTENDED BACKUP

The Overland DLT LoaderXpress brings you the productivity, security, and reliability of more expensive tape libraries at a cost comparable to a single DLT tape drive. Accommodating one tape drive and either a five or ten cartridge magazine (five cartridge magazine available with the DLT4000 drive), the LoaderXpress is designed to back up your system for a full week or up to two months without operator intervention.

USER-FRIENDLY INTERFACE MAKES OPERATION EASY

A cartridge magazine is standard with either the five or ten cartridge configuration, and whether one or ten cartridges are required for your backup needs, each cartridge is easily loaded and captured in the removable magazine. In addition, the LoaderXpress easy-to-use interface provides direct access to magazine, cartridge, and drive status information, as well as a security feature that allows you to lock the loader and regulate access to the cartridges and magazine.

STEP UP TO AN AUTOMATED DESKTOP SOLUTION AND ENJOY PROVEN MAINFRAME CLASS™ RELIABILITY

Designed and manufactured by Overland, the LoaderXpress provides safe, secure backup and on-line access for your critical data with proven, streaming DLT tape technology that extends media life up to an industry-leading 1,000,000 passes. With Overland's exclusive Mainframe Class robotics, the LoaderXpress' is ideal for unattended backup and restore and delivers the security and confidence needed for critical data management throughout the organization. These uncomplicated, durable library mechanics ensure reliable long-term automated performance and no-worry operation for many years. And Overland backs this reliability with a full, three-year warranty.

- **Up to 1.1 TB native capacity for two months or more of unattended backup**

- **Throughput of up to 39.6 GB per hour to meet the storage needs of your enterprise**

- **Compatible with broad range of backup software allowing you to configure an optimal solution**

- **Removable magazine for easy loading and unloading of tapes**

- **New SDLT drives provide optimum capacity at fast backup rates**



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MAJOR OPERATING SYSTEM AND SOFTWARE CONNECTIVITY

Operating system and platform software support is assured by seamless compatibility with all leading software packages for Sun Solaris, Novell NetWare, Windows NT/2000, IBM AIX, SCO UNIX, HP-UX, Mac OS, Tru64 UNIX, Linux and more. Tape information, in combination with the intelligence built into the automated LoaderXpress, keeps host software fully aware of the presence of all media and the status of the DLT tape drive and robotics.

REMOTELY MONITOR AND CONTROL WITH WEB TLC

Monitoring, controlling and administering storage centrally is becoming essential to insure your data is available when you need it. With Overland's Web TLC you can be sure your LoaderXpress tape loaders are on-line properly from anywhere in the world. Web TLC's direct LAN attach is platform independent and operates with any web browser for convenient access.

PROTECTING YOUR STORAGE INVESTMENT

Overland's more than 20 years of experience in providing business-critical tape storage solutions provides reliability and service you can depend on. Manufacturing interchange, backup and archival storage solutions, Overland meets the needs of IT professionals in industries worldwide.

SPECIFICATIONS

| Drives and Media | LXL405/410 | LXL710/810 | LXL1S10 | LXL1B10 |
|----------------------|------------|--------------|-----------------|------------|
| Drive type | DLT4000 | DLT7000/8000 | Super DLT 220N | DLT1 |
| Number of drives | One | One | One | One |
| Media type | DLTape® IV | DLTape® IV | Super DLTape™ I | DLTape® IV |
| Number of cartridges | 5/10 | 10 | 10 | 10 |

System Performance

| | | | | |
|---------------------------------|------------|---------------|------------|------------|
| Sustained native transfer rate | 1.5 MB/sec | 5/6 MB/sec | 11 MB/sec | 3 MB/sec |
| | 5.4 GB/hr | 18/21.6 GB/hr | 39.6 GB/hr | 10.8 GB/hr |
| Compressed transfer rate (2:1)* | 3 MB/sec | 10/12 MB/sec | 22 MB/sec | 6 MB/sec |
| | 10.8 GB/hr | 36/43.2 GB/hr | 79.2 GB/hr | 21.6 GB/hr |

Data Organization and Capacity

| | | | | |
|----------------------------|---------------|------------|--------|--------|
| Native capacity | 100 GB/200 GB | 350/400 GB | 1.1 TB | 400 GB |
| Compressed capacity (2:1)* | 200 GB/400 GB | 700/800 GB | 2.2 TB | 800 GB |

System Reliability and Data Integrity

ROBOTICS:

| | | | | |
|-------------------------|-----------|-----------|-----------|-----------|
| Design life | 7 years | 7 years | 7 years | 7 years |
| Mechanism life (cycles) | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 |

DRIVE:

| | | | | |
|--------------------------|---|-----------------|---------|---------|
| MTBF** (hours) | 200,000 | 200,000/250,000 | 250,000 | 200,000 |
| Error correction code | Reed Solomon ECC, 64-bit CRC on each 4 kb of data, 16 bit parity check on each record, internal parity check on the buffer. | | | |
| Uncorrected error rate** | less than 1 in 10 ¹⁷ bits read | | | |
| Undetected error rate** | less than 1 in 10 ²⁷ bits read | | | |

MEDIA:

| | | | | |
|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Media durability** | 1,000,000 passes 15,000 uses | 1,000,000 passes 15,000 uses | 1,000,000 passes 17,850 uses | 1,000,000 passes 15,000 uses |
|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|

Connectivity and System Compatibility

| | | | | |
|-------------------|-----------------------------|---------------------------------------|---------------------|--------------------------|
| Library interface | Fast SCSI-2 Single-ended | Fast/Wide SCSI-2 SE, LVD/SE or HVD | Ultra 2 SCSI LVD | Fast/Wide SCSI LVD/SE |
|-------------------|-----------------------------|---------------------------------------|---------------------|--------------------------|

Physical Dimensions

| | | | | |
|--------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Dimensions (HxWxD) | 8 in. x 17.25 in. x 20.25 in. | 8 in. x 17.25 in. x 20.25 in. | 8 in. x 17.25 in. x 20.25 in. | 8 in. x 17.25 in. x 20.25 in. |
| Dimensions (HxWxD) | 20.3 cm x 43.8 cm x 51.43 cm | 20.3 cm x 43.8 cm x 51.43 cm | 20.3 cm x 43.8 cm x 51.43 cm | 20.3 cm x 43.8 cm x 51.43 cm |
| Weight | 46 lb/20.87 kgs | 46 lb/20.87 kgs | 46 lb/20.87 kgs | 46 lb/20.87 kgs |

Power Requirements

| | | | | |
|-------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Power | 100 to 240 VAC, 50 to 60 Hz | 100 to 240 VAC, 50 to 60 Hz | 100 to 240 VAC, 50 to 60 Hz | 100 to 240 VAC, 50 to 60 Hz |
|-------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|

Warranty

| | | | | |
|----------------------------|--------|--------|--------|--------|
| Return-to-Factory Warranty | 3 year | 3 year | 3 year | 3 year |
|----------------------------|--------|--------|--------|--------|

* Transfer rate depends upon data.

** As published by manufacturer.



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