

Tandberg DLT Autoloader

The Tandberg DLT Autoloader brings you the productivity and security of an automated tape solution, as well as the proven reliability and scalability of DLT technology.



- Up to 800GB* storage capacity
- Up to 43GB*/hr transfer rate
- Available with Tandberg DLT8000 drive (SDLT220 available in Q4-01)
- Fits easily on a desk, in a rack or on top of a server
- Removable magazine for easy storage management
- Optional barcode reader for fast cartridge inventory and data retrieval
- Added security with TapeAlert™
- Supported by all major software suppliers
- 3-year warranty

Unattended Backup – High Speed, Capacity and Reliability

The Tandberg DLT8000 autoloader is one of the highest capacity (4U half-width) autoloaders available. This highly reliable autoloader contains a single Tandberg DLT8000 tape drive and holds up to 10 DLTape™ IV data cartridges supporting random or sequential access. Based on the widely accepted DLTape™ technology renowned for its ultimate reliability, you can be assured that your mission critical data is well protected.

Automated Storage Management – Made Easy

The Tandberg DLT Autoloader has an easy-to-read LCD readout which provides information about the tape drive, media status, robotics, installation and configuration. The removable cartridge magazine provides easy handling and allows for exchanging weekly backups in one simple step. The Tandberg DLT autoloader

also supports an automatic drive cleaning feature which does not require operator intervention. In addition, the optional barcode reader provides an inventory of stored data and automated media tracking so that access to stored data is fast and simple.

Integration and Administration – Made Easy

The Tandberg DLT Autoloader fits easily on a desktop or server and the 4U size allows two units to be placed side by side in a standard 19" rack. Drive exchange and upgrade can be carried out in the field by the user in less than 30 minutes. With simplistic and comprehensive diagnostics, user-friendly configuration and installation, the Tandberg DLT autoloader provides the industry's easiest maintenance for the network administrator.

* Assuming 2:1 data compression
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TECHNICAL SPECIFICATIONS DRIVE AND MEDIA

DRIVE AND PERFORMANCE

Drive Type:	DLT8000
Data Capacity Native:	400GB
Data Capacity Compressed (2:1):	800GB
Transfer Rate Native:	6 MB/s / 360MB/min / 21.6GB/hr
Transfer Rate Compressed (2:1):	12MB/s / 720MB/min / 43.2GB/hr
SCSI Interface:	SCSI-2, Fast/Wide LVD/SE
File Access Time (Avg.):	60 sec.
Data Compression:	On-board DCLZ with variable block size
Recording Format:	Multiple-track, linear serpentine
Data Buffer:	8MB cache buffer adjusts to host rates
Tape Capacity:	10-cartridge capacity
Media:	DLTtape™IV
Tape Length:	1800 feet
Recording Density (bits/in):	98 000
Tracks Per Tape:	208

Operation

Cartridge Change:	17 sec. maximum
Indicators:	LCD menu display for drive, media, configuration and diagnostic status; power and alarm LEDs
Controls:	4-button keypad; front panel on-off button
Interface:	High density, 68-pin

Reliability

Hard Error Rate:	Less than 1 in 10 ¹⁷ bits read
Tape Shelf Life:	30 years minimum (at 20°C, 40% RH)
Maintenance:	Head cleaning with DLT cartridge when indicated by drive, or automatic with auto clean enabled
MSBF:	> 50 000 cartridge changes (robotics)
MTBF:	> 220 000 power-on hours (robotics)
MTTR:	< 30 minutes
Error Correction Code:	Reed Solomon ECC; 64-bit CRC on each 4KB of data; 16-bit CRC on each record; internal parity checking on cache buffer

Physical

Dimensions:	Width: 8.78 in (22.3 cm); Depth: 23.6 in (59.9 cm); Height: 7.01 in (17.8 cm)
Rack Height:	4u (7 inches / 17.8 cm)
Weight:	39.7 lbs. (18.0 Kg)

Environmental

Electrical:	100-240 VAC; 50-60Hz; 1.2 – 0.45A; Auto Voltage Select
Temperature:	10°C to 40°C operating
Humidity:	20 to 80% non-condensing operating
Vibration:	0.3g (5-500 Hz) Operating
Shock:	2g operating; impact tested per ISTA for storage / shipping

Compliance and Platforms

Safety:	UL-60950/CUL C22.2 No.950; TÜV EN 60950
Emissions:	FCC #47 CFR, Part 15, Class B; CSA C180.8M; EN 55022, Class B; EN61000-3-2; EN61000-3-3
Susceptibility:	EN 55024
Certification Marks:	CE, UL, CUL, GS / TÜV, VCCI, C-tick

Software and Platforms

See the most recent Tandberg Data Software Compatibility Guide for a complete list of software and platforms compatible with the Tandberg DLT Autoloader at www.tandberg.com

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