



Tandberg
SDLT600

The latest generation of the Super drives

The next generation of the Super DLT drives demonstrates previously unknown capacities and unbeatable performance. Tandberg SDLT600 is the new member of the Tandberg DLT family. It will be twice as fast and will have almost twice the capacity of the SDLT320.

The new Best in Class Product: SDLT600

As the new flagship of the SuperDLT line TANDBERG DATA introduces the SDLT600. With its transfer rate of up to 260* GByte per hour and a capacity of 600* GByte per cartridge this drive sets new records for the whole tape drive market. There are upgrade paths to the SDLT600 available from almost all the DLT product ranges.

It is of course able to read the SDLT tape™ I cartridges recorded with a SDLT220 or SDLT320 drive and is moreover the first Superdrive being able to read the DLTape VS1 written by the DLT VS160 drive. An upgrade from the VS product to the SDLT600 is therefore possible without great expenditure.

The SDLT600 with its transfer rate of 72 MByte of compressed data per second is a real perform-

ance marvel, it allows you to backup up to 260 GByte of compressed data in just one hour. To store the now available huge capacities there is also a new cartridges introduced: The Tandberg SDLTape™ II media. The combination of drive and cartridge out of one hand will provide extra reliability, quality and compatibility.

Take Control: TANDBERG DATA DLTSage

The free software tool DLTSage is available for all SuperDLT drives. With this application you will have the total control of your media and drives as well as of our backup quality and reliability. Use DLTSage for error prevention, diagnostics and inventory.



Special functions

- **High Capacity: 600*GB**
- **High Performance - transfer rate up to 260 MB* per hour**
- **Additional security and control with DLTSage™**
- **MTBF of more than 250,000 hours at 100 % Duty Cycle**
- **Extremely reliable media providing more than 200 full backups**
- **Excellent backward compatibility for easy update and migration**



Specification

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Drive		Tandberg SDLT600
Capacity:	Native / Compressed:	300 GB / 600 GB*
Burst Transfer Rate:		160 MB/s
Transfer Rate:	Native:	36 MB/s
	Compressed:	72 MB/s
File Access Time:		79 s
System Interface:		SCSI Ultra 160 / 2Gb Optical Fibre Channel (optional)
Format and Compatibility		
Number of Tracks:		640 track serial serpentine
BPI:		233 kbits per Inch
Encoding Method:		PRML
Data Compression:		DLZ
Read Compatibility:		SDLT220 / SDLT320 / DLT VS160
Media		
Data Cartridges:		SDLTape™ II
Dimensions:		106 mm; 105 mm; 25.40 mm; 223g
Tape Length:		628 m
Tape Width:		12.65 mm
Tape Life Archive Storage:		30 years with less than 5% loss in de magnetization, at 20°C and 40% non-condensing humidity

Reliability	
Unrecoverable Error Rate:	< 1 error in 10 Mio. GB
Head Life:	> 30,000 hours
Mean Time Before Failure (MTBF):	250,000 hours
Drive Warranty:	3 years

Dimensions	Internal (incl. Bezel)	External
Form Faktor:	5.25 inch Full High (FH)	
	Height: 86 mm	Height: 160 mm
	Width: 148 mm	Width: 175 mm
	Depth: 212 mm	Depth: 325 mm
	Weight: 2.38 kg	Weight: 6.27 kg

Power Requirements	5 V Current (A) / Typ	12 V Current (A) / Typ	DC Power (W) / Typ
Standby / Idle:	3.3	0.4	21.3
Media Loading/ Unloading:	3.3	0.7	25.1
Write-Motor Start:	4.3	0.7	29.9
Write-Streaming:	5.0	0.6	32.4

Environmental Specifications	
Temperature:	Operating: +10°C to +40°C Non-Operating: -40°C to +66°C
Relative Humidity:	Operating: 20% to 80% Non-Operating: 10% to 95%
Altitude:	3048 m max.
Regulatory Agency Approvals:	UL 1950, CSA C22.2 No. 950, FCC Part 15, EMC, EN 55022, EN 55024, EN 60950, EN 61000,

Certification	
Safety:	CE, UL 60950, CSA 950 C22.2 No. 950, EN 60950 /IEC 950, GS TÜV
Emissions:	FCC Part 15B Class B, ICES-003; EN55022, VCCI Class B; EN61000-3-2; EN61000-3-3, C-Tick, BSMI Class A
Susceptibility:	EN55024
* 2:1 Hardware Data Compression	



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