

TANDBERG DATA

Securing your Information



StorageLibrary T40+ Series

Installation and User Guide

P/N: 433559 rev.6
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Quick Installation Steps

For more information and complete step-by-step instructions, please refer to the *StorageLibrary T40+ Series Installation and User Guide* available at www.tandbergdata.com.



Warning

Although the StorageLibrary™ T40+ may be lifted by one person when drives, power supply, and magazines are removed, for your protection and safety, we recommend that two people lift the StorageLibrary™ T40+. All-inclusive library weight = 38 kg / 84 lbs (2 FH drives). Empty library weight = 23.6 kg / 52 lbs (not including drives, magazines or power supply).



Caution

Please ensure the StorageLibrary T40+ is mounted in the rack before you remove the transport screws. The transport locking screws must be removed before the StorageLibrary T40+ can operate normally.

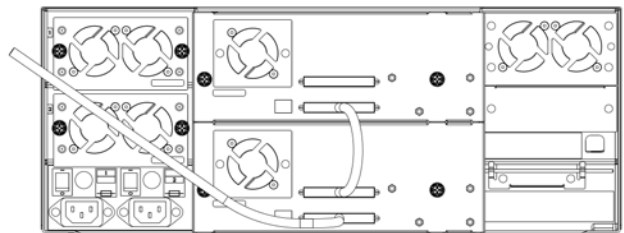
When following the steps below, please refer to the corresponding numbers and letters on the illustrations.

1. Please refer to the *StorageLibrary T40+ Series Pass-Thru Installation Manual* for instructions of how to install the unit. To insert the StorageLibrary T40+ onto the rack-rails, please request help of another person.
2. Before removing the locking screws, power-on the unit. The StorageLibrary T40+ will automatically eject the magazines if the transport locking screws are mounted. Remove all magazines, remove the four transport locking screws, and mount the rack mount ears. Re-insert the magazines.
3. Install SCSI, SAS or Fibre Channel cables.

SCSI installation:

Power-off the unit and the host system before plugging in the SCSI cables. When using more than two SCSI drives, please refer to the *StorageLibrary T40+ Series Installation and User Guide* for installation requirements.

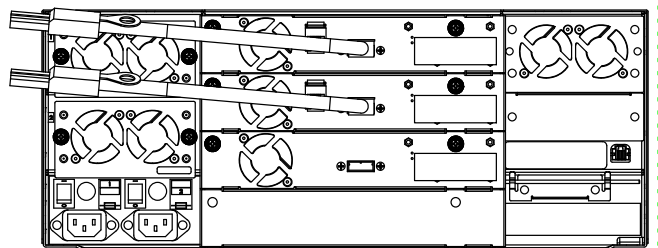
- a. Connect a SCSI cable from the host to the 1st drive (bottom SCSI connector).
- b. Connect a SCSI jumper cable from 1st drive (top SCSI connector) to the 2nd drive (bottom SCSI connector). If required repeat this step for all drive within the tape library.
- c. Terminate the last device on the SCSI bus using the correct SCSI terminator.



NOTE: The maximum SCSI bus length must NOT exceed 9 meters / 30 feet. Please ensure SCSI cables and terminators are securely fitted using thumbscrews.

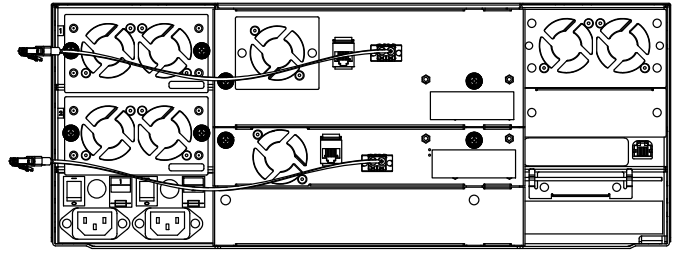
SAS installation:

If your library includes tape drives with SAS interface, connect a SAS cable to each tape drive separately and connect other end of the SAS cable to the host.



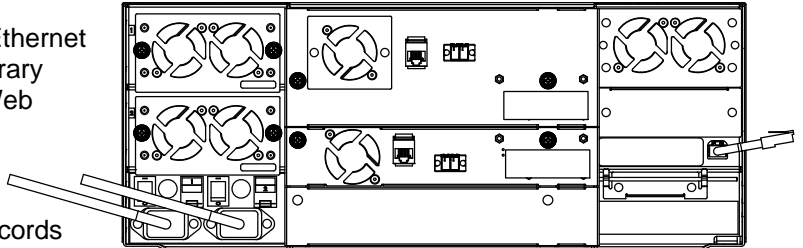
FC installation:

If your library includes tape drives with FC interface, connect a FC cable to each tape drive separately and connect other end of the FC cable to the host, switch or hub.



4. Configuring the library

- a. Connect your Ethernet cable to the Ethernet port at the rear of the library. The library Ethernet port allows the use of the Web Client.
- b. Connect the two power cords to the power connectors at the rear of the library. US and European power cords are supplied with the library. Two power cords are required for redundant power supply.
- c. Power-on the library (both switches).
- d. Power up the host system.
- e. Verify that each host can communicate with the library's tape drives. If you experience problems, please refer to the troubleshooting guide in the *StorageLibrary T40+ Series Installation and User Guide*.
- f. Configure your library using the library's operator panel.



NOTE: The LTO-5 automation tape drives contain an Ethernet port which will enable new features and functionality at a later time. For more information please refer to www.tandbergdata.com.

Table: Power Requirements

	Values
Input Voltage	100 – 240 VAC (1.2 – 0.5 A)
Input Frequency	50 – 60 Hz
Inrush Current (Cold Start)	Less than 15 A, 115 VAC Less than 30 A, 230 VAC
Power Consumption Average	70 W*
Power Consumption Peak*	120 W**

* Value per StorageLibrary T40+ unit with two LTO drives.

** Maximum peak length, less than 10ms.

Contact Information

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