



Tape Cartridge Information

This tape drive uses 4mm 60, 90, or 120m tape cartridges, which have a typical storage capacity with data compression of 1.3 - 8.0 Gbytes. The cartridges do not require preformatting.

Cartridge Storage Capacity

Format	Length	Native Capacity	Compressed Capacity
DDS	60m	1.3 Gbytes	2.6 Gbytes
DDS	90m	2.0 Gbytes	4.0 Gbytes
DDS-2	120m	4.0 Gbytes	8.0 Gbytes



Caution - Never use DAT audio media. Always use computer grade media with a DDS-2 logo.

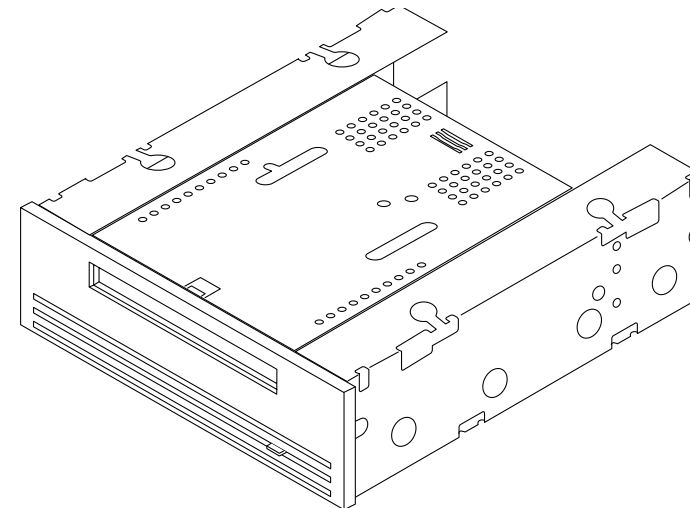
Thermal Conditioning

To assure proper thermal conditioning, keep the cartridge at the same temperature as the drive for 24 hours.

Handling and Storage

- Keep cartridges away from anything magnetic.
- Store cartridges in a dust-free environment.
- Keep cartridges away from direct sunlight and sources of heat, cold, or humidity. Constant room temperature and 50% humidity is best.
- Do not open the cartridge door and touch the surface of the tape.

DDS-2 Tape Drive Specifications



Physical Characteristics

Height	41.2mm (1.6 in)
Width	146 mm (5.7 in)
Depth	175 mm (6.9 in)
Weight	1.1 kg (2.4 lbs)

Power Requirements

DC Voltage	+12 Vdc 10%, +5 Vdc 7%
Operational current	400 milliamps, 770 milliamps

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About the Tape Drive

The DDS-2 tape drive is equipped with a single-ended small computer system interface (SCSI controller) and 1 megabyte on-drive buffer. Data is transferred at 400 Kbytes per second before the additional enhancement of data compression. The SCSI burst rate is 5.0 Mbytes per second. The tape rewind speed is approximately 3.05 m/s (94 ips). This SCSI device is in compliance with ANSI/ECMA DDS, DDS-DC and DDS-2 storage device format standards.

Installation

The procedure for installing this device is covered in your enclosure or system documentation.

Software Commands

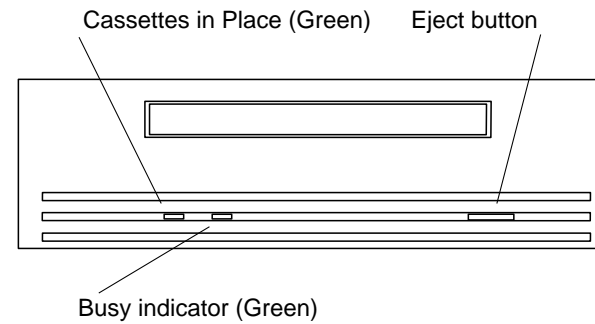
Refer to the *Solaris Handbook for SMCC Peripherals* that corresponds to your operating system or *AnswerBook* documentation for information about software commands.

Cleaning

When using a new tape for the first time, clean the tape drive after the first four hours of use. After that clean the tape drive after every 25 hours of use to maintain reliable operation. Clean the drive up to twice as often if you use it in a particularly dusty environment or operate it infrequently. Cleaning the tape drive is done by using a cleaning cartridge. Do not use any methods other than a DDS approved cleaning tape cartridge to clean your tape drive.

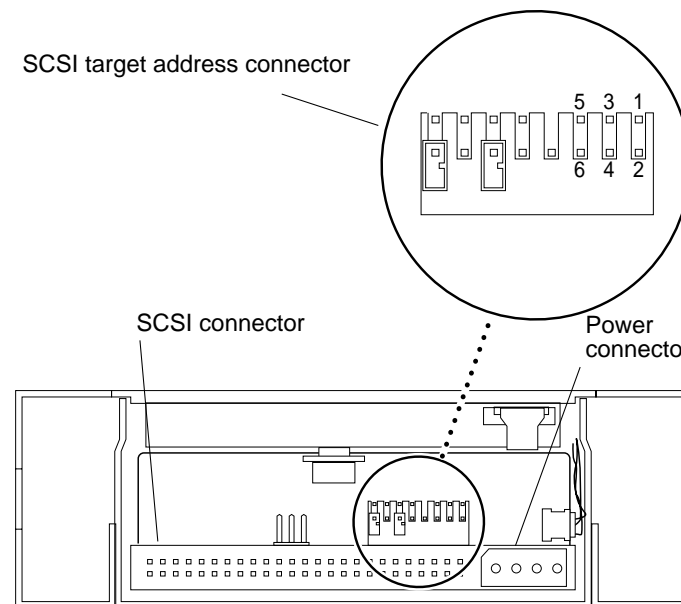
Panel Descriptions

Front Panel Controls and Indicators

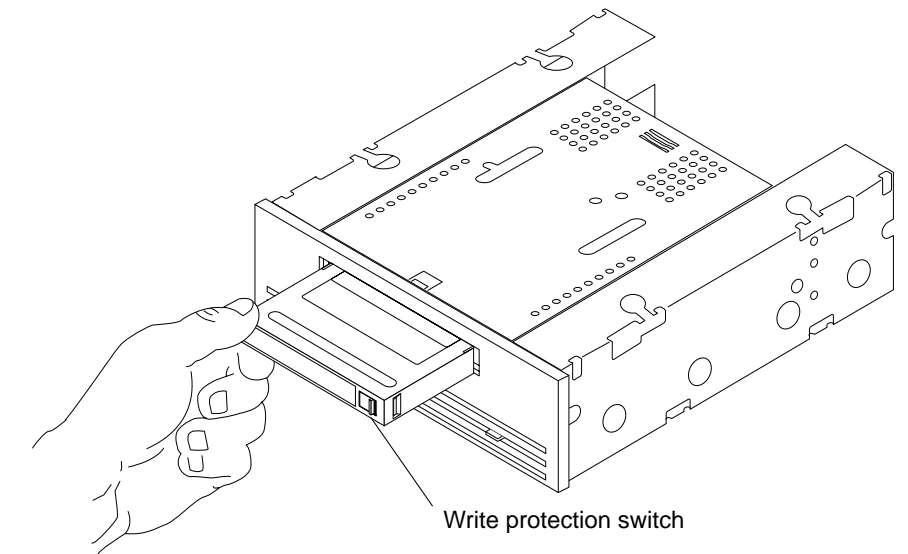


Cassettes in place indicator - Lit when a tape is in the drive
 Drive busy indicator - Flashes while data is being written to/read from the drive
 Eject button - Used to eject the tape

Back Panel Connections



Removing/Inserting a Tape Cartridge



1. Check that there is no drive activity.

Caution - Check drive busy indicator to ensure there is no drive activity before ejecting the tape cartridge.

2. Push the eject button and remove the tape cartridge.
3. Verify that the tape cartridge write protect switch (see illustration above) is set correctly. If the lock window is closed, the tape is write protected.
4. Insert the cartridge face up into the drive (see illustration above).
5. Push gently on the tape until the unit pulls the cartridge into the drive.