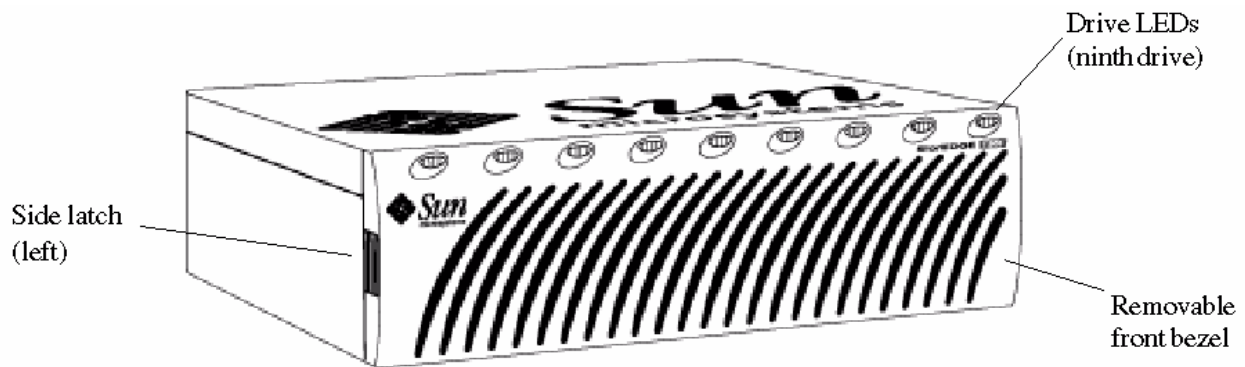*The diagrams and information shown below are excerpts from the Just the Facts document for the Sun StorEdge T3 Array.*

To open the front cover (or bezel), the user depresses the latches on each side of the front panel and pulls forward to completely remove the bezel. The unit's nine disk drives are positioned sideways with their activity and status LEDs at top.
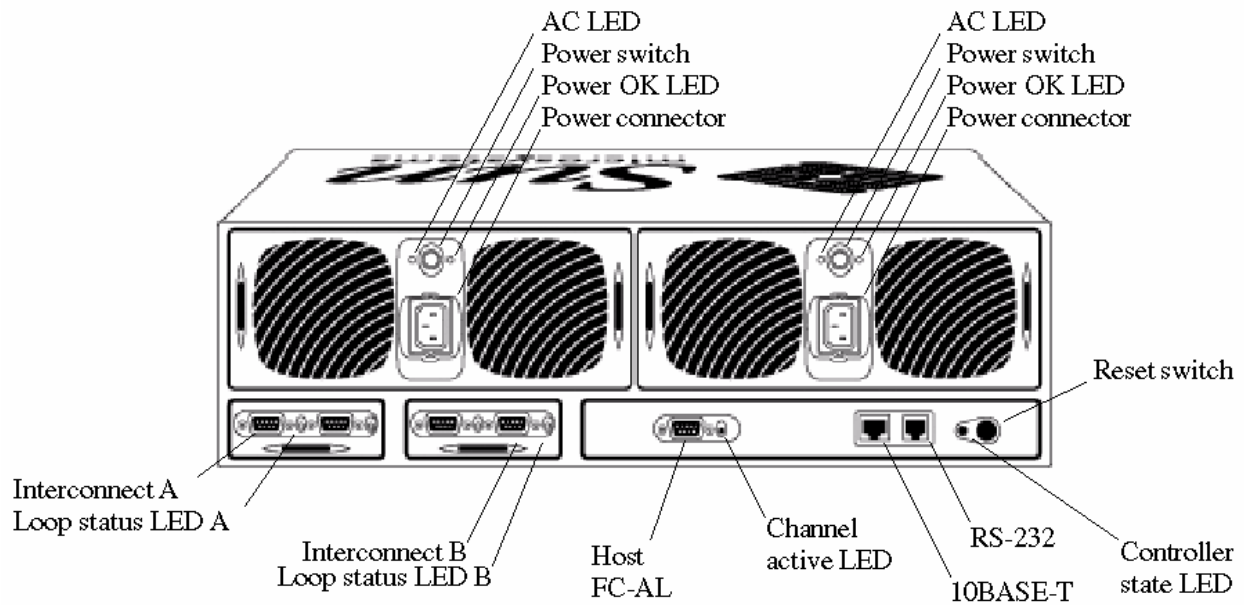

Figure 5. Front view of the Sun StorEdge T3 controller unit

Rear Components

The rear of the Sun StorEdge T3 controller unit provides user access to redundant Fibre Channel unit interconnect cards (lower left), one RAID controller card (lower right), and redundant power/cooling units (upper left and right):

- Each of the two unit interconnect cards includes interface circuitry and two Fibre Channel connectors for interconnecting units.

- The RAID controller card includes RAID controller hardware and firmware, one host Fibre Channel interface, a 10BASE–T Ethernet host interface, and an RS–232 COM service port.

- Each of the two power/cooling unit contains a power supply, two cooling fans, an integrated UPS battery, and status indicators for AC LED (green/amber) and POWER OK LED (green).

Figure 6. Rear view of the Sun StorEdge T3 controller unit

Interconnect
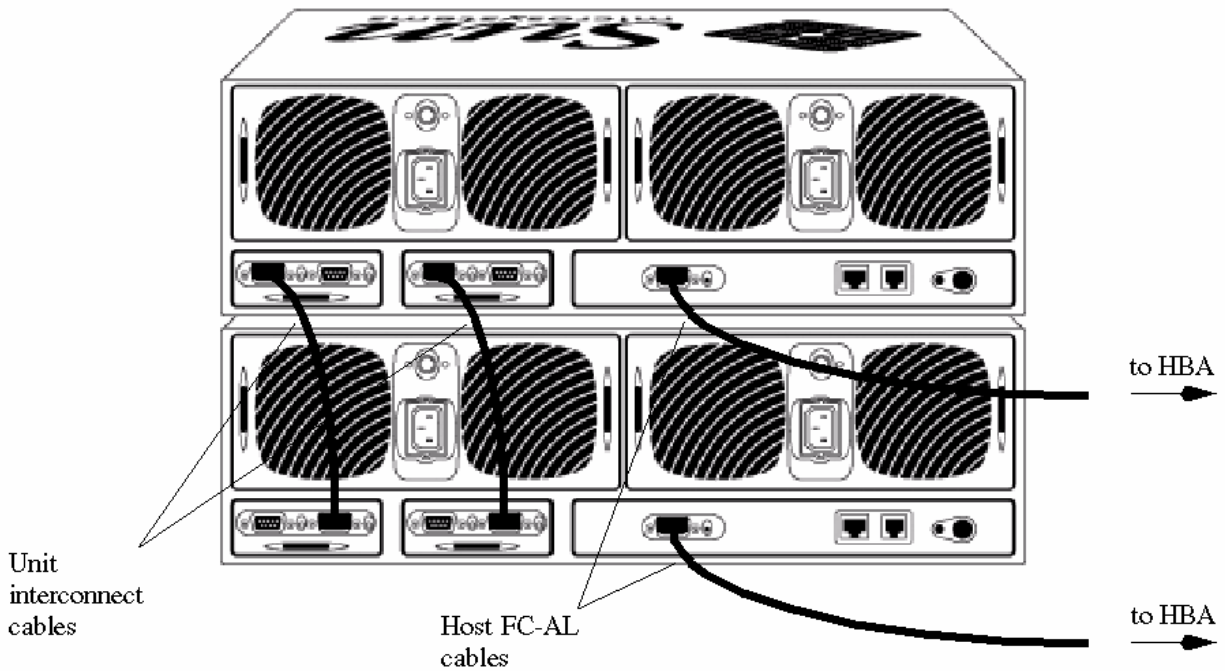
Figure 7. Sun StorEdge T3 interconnect

The Sun StorEdge T3 array uses two unit interconnect cables for connecting controller units and expansion units together. The unit interconnect cables use a proprietary connector. In addition to FC–AL signals, these cables also carry a serial bus that functions as the nervous system of the Sun StorEdge T3 array. The serial bus carries FRU state information to the RAID controller card that then processes the information. This data is used to create `syslog` entries.

The unit interconnect cables may be replaced without taking the partner group offline. One cable MUST be in place at all times for the partner group to remain functional.

The RAID controller card has a single DB−9 copper FC−AL connector. A media interface adapter (MIA), supplied with each controller unit, is used to attach a multimode fiber cable. This cable is then attached to a supported FC−AL HBA.
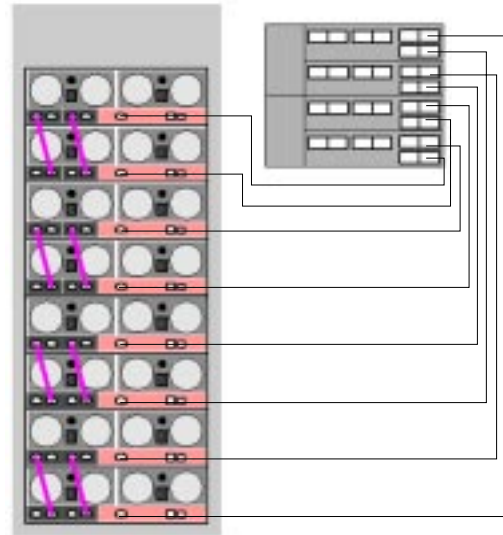
Configuration Options

Refer to the diagrams in this section and to the product descriptions in the Ordering section for more details.

- There are three configuration options: tabletop, rack−ready, and rack−installed.
- There are eight configurations and three drive types (18, 36, and 73 GB)
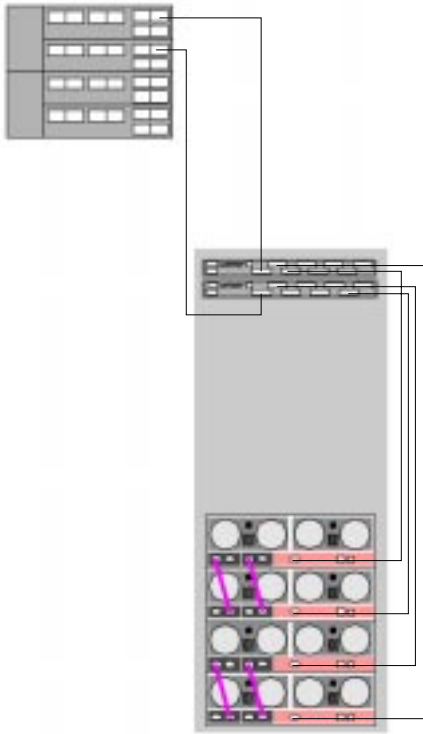
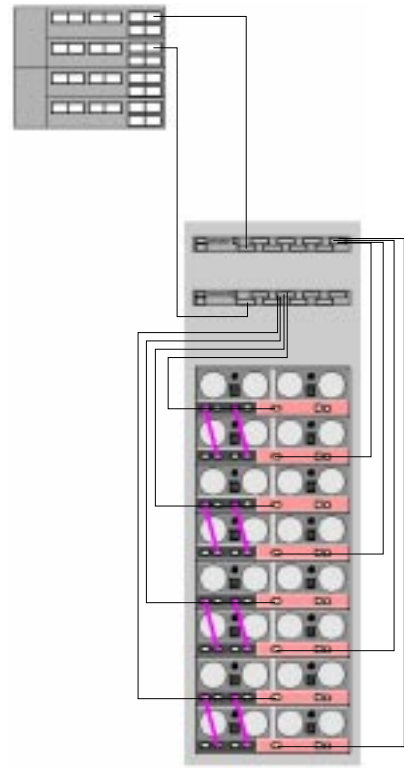## Configuration Diagrams
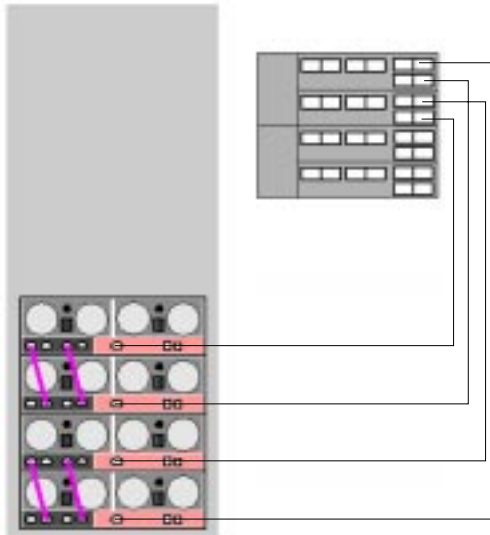
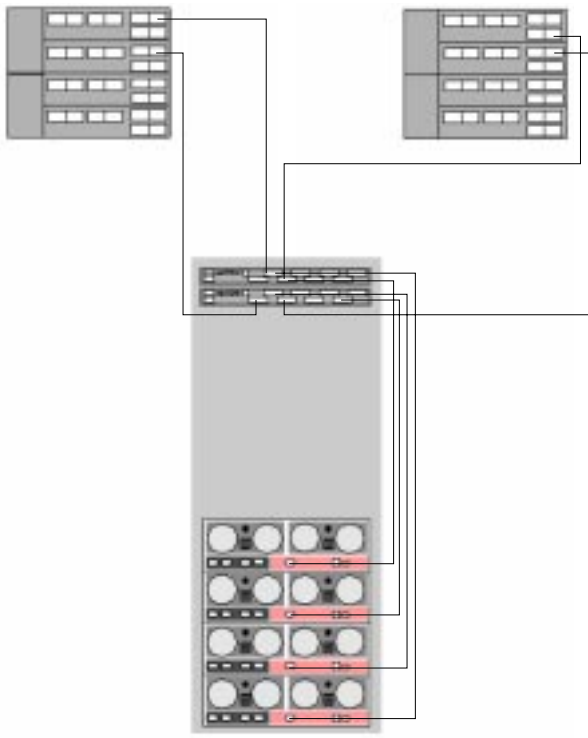4 controllers, direct host   8 controllers, direct host
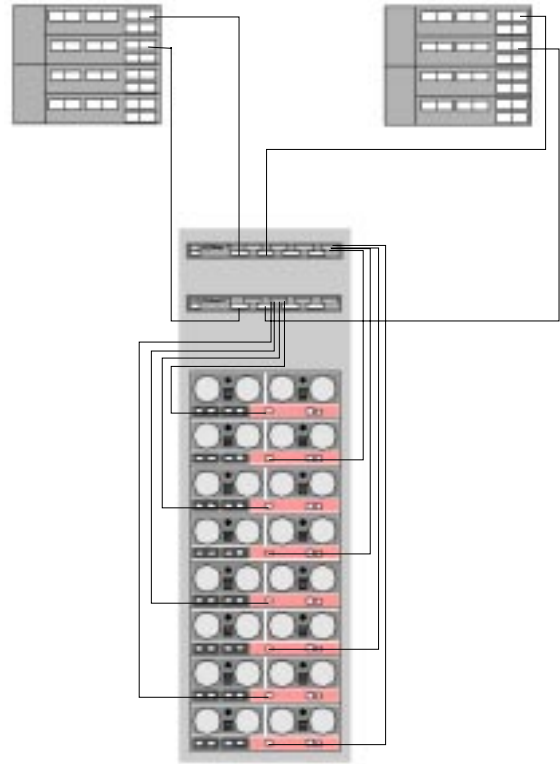
4 controllers, 2 hubs, 1 host

8 controllers, 2 hubs, 1 host

4 controllers, 2 hubs, 2 hosts   8 controllers, 2 hubs, 2 hosts