digital™

VAXstation 3100 Cover Letter

EK–393AA–CL–001

December 1989

Thank you for purchasing a VAXstation 3100 workstation. In an effort to keep you, a valued Digital customer, up-to-date with the changes to Digital workstations, expansion devices, and documentation, we chose to add this cover letter to your documentation kit.

Unless otherwise noted, the information contained in this cover letter applies to each of the following:

VAXstation 3100	Manual Description	Documentation Order No.
Model 30	*Owner's Manual*	EK–265AA–OM
Model 30	*Desktop–VMS Basic System Guide*	EK–259AA–OM
Model 30	*Desktop–VMS Advanced System Guide*	EK–260AA–OM
Model 38	*Owner's Manual*	EK–VSM30–OM
Model 40	*Owner's Manual*	EK–266AA–OM
Model 40	*Desktop–VMS Management Guide*	EK–261AA–OM
Model 48	*Owner's Manual*	EK–VSM40–OM

SCSI IDs and Expansion Boxes

Digital first introduced the VAXstation 3100 family of products in January 1989. Since that time, changes to existing Small Computer System Interface (SCSI) products and the introduction of new SCSI products have prompted questions from customers about SCSI. For example, customers ask: How many expansion boxes and SCSI devices may be connected to a VAXstation 3100?

SCSI Configuration Rules

The draft ANSI SCSI-2 specification (Revision 10b) provides up to 8 SCSI IDs (addresses). One of the 8 addresses is always used by the system itself (by default address 6); the 7 remaining addresses may be configured by the customer. SCSI-2 specifies that the cable should be no more than 6 meters.

Digital's SCSI Recommendations

To reduce potential problems with signal integrity that may occur when transmission lines are poorly matched, Digital recommends:

- Cables should be no more than 4 meters.
- Use cables and terminators that are supplied by Digital.
- Connect no more than 3 expansion boxes to the VAXstation 3100 SCSI port. Remember the following:
  - Seven SCSI IDs are available for customer configuration.
  - Multiple SCSI devices may be housed in one expansion box. Count the number of SCSI devices (total cannot exceed 7) and the number of expansion boxes (total cannot exceed 3).
- In the future, some SCSI devices may not be housed in an expansion box. Again, count the number of SCSI devices when you configure your VAXstation 3100 system.

Connecting to a ThinWire Ethernet Network

When verifying the position of the ThinWire Ethernet or standard Ethernet network select button, remember the following:

- OUT position — standard Ethernet
- IN position — ThinWire Ethernet

VAXstation 3100 Shutdown Procedures

Refer to your operating system documentation for shutdown procedures before turning off your VAXstation 3100 system and SCSI devices. Devices may not be added to the SCSI bus, removed from the SCSI bus, or re-cabled while the operating system is running.

Caution: Failure to meet this requirement may cause loss of user data or system failure.

The order for hardware shutdown is:

1 Expansion box

2 Monitor and peripheral device

3 System unit

Display Monitors

Digital provides customers with the opportunity to select a display monitor from an offering of several models. Digital's newest monitor for the VAXstation 3100 workstation is a 16-inch color display monitor that utilizes Trinitron technology. As new products are offered for use with the VAXstation 3100 product family, configuration rules may change. For example, the VAXstation 3100 system unit automatically adjusts itself to the correct voltage. Likewise, some of the new monitors automatically adjust to the correct voltage. Refer to your monitor guide to learn the new features specific to the product you ordered.

Errata

The VAXstation 3100 documentation indicates that the erase disk utility formats a hard disk. Please note the following in your documentation: the erase disk utility erases all data on a specified hard disk. Formatting of a Digital hard disk is unnecessary.

Add the following changes to your VAXstation 3100 Model 38 documentation:

- Add to Table D–2, System Specifications:
  - Input voltage — Automatically adjusting AC input. Range: 100 to 120 VAC, and 220 to 240 VAC
  - Input current — 5.8 Amps @ 100 to 120 VAC and 3.2 Amps @ 220 to 240 VAC (maximum current for a system and monitor)
  - Power consumption — 348 Watts maximum

- Change line 11 in the example on page 7–15, Section 7.6, to:

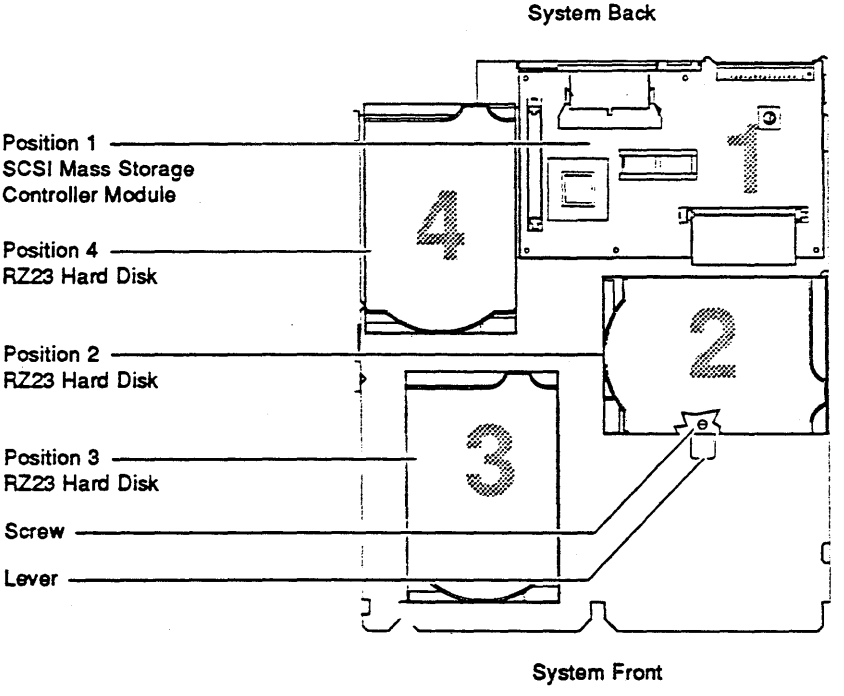
  ```
  DKB500    RZ13    B/5/0/00    DISK    665 MB    FX    RZ56
  ```

  Note: the number of megabytes displayed on line 10 (for the RRD40) varies with the size of the files on your compact disc.

- Change the text at the top of page 9–44 to:

  If you do not have a tape or a diskette drive, the first, second, and third hard disks go on the drive plate in positions 3, 4, and 2, in that order. See Figure 1.

Figure 1 Three RZ22/RZ23 Hard Disks on the Drive Plate



ANSI is a registered trademark of the American National Standards Institute, Inc. Trinitron is a trademark of Sony Corporation.

S1403