

WORM /EOD /MOD DRIVES

The WORM Laserdrive uses ablative optical disks, specific only for laserdrives, that can be written to only once, but read many times. These are:

- M810 double sided
- M405 single sided

The EOD drive also uses magneto-optical disks (Rewritable) that can be written to and read.

The MOD drive can use magneto-optical disks Worm type (which can be written to once and read many times) and Rewritable type (which can be both read and written to). These are:

- Rewritable EDM-1DA0 (1024 bytes per sector - 650 MB)
- Rewritable EDM-1DA1 (512 bytes per sector - 594 MB)
- Worm CWO-1DA0 (1024 bytes per sector - 650 MB)
- Worm CWO-1DA1 (512 bytes per sector - 594 MB)

When inserted into the drive, the disks must be enclosed in a protective caddy.

COMPATIBILITY

CD-ROM disks are not compatible with WORM, EOD and MOD disks.

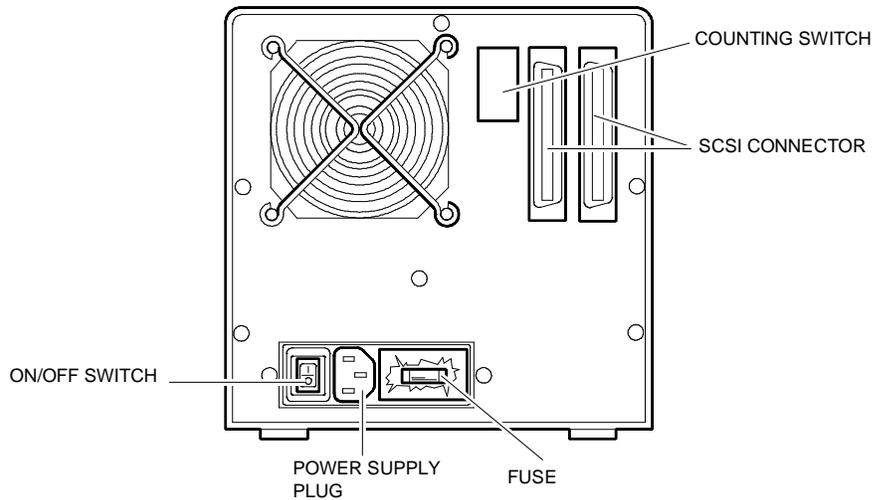
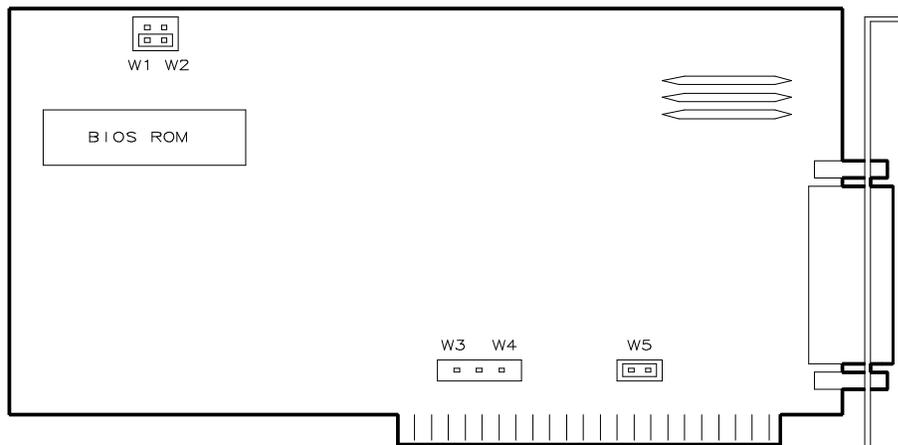
WORM Laserdrive disks are not compatible with EOD disks and MOD, and vice versa.

EOD disks can also be used on MOD drives.

EXTERNAL WORM**LASERDRIVE OD-810****WRM 25-810****DRIVE SELECTIONS**

- Set the SCSI address by using the counting switch shown in the figure.
- Connect the interface terminator, (a connector with a terminator resistance, included in the kit), to a free SCSI connector on the back of the drive.

Note: *Whether the terminator is present or not depends on the SCSI channel configuration on the system. The terminator must usually be present if the WORM is the last peripheral in the SCSI bus chain, it must be removed from all the others. If the WORM is the only peripheral connected to the SCSI bus, the terminator must be present.*

**JUMPERS ON BOARD TMC 830**

JUMPERS		MEMORY ADDRESSING RANGE SELECTION
W1	W2	
OFF	OFF	CA0000 - CA1FFF *
OFF	ON	C80000 - C81FFF
ON	OFF	CE0000 - CE1FFF
ON	ON	DE0000 - DE1FFF

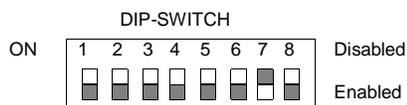
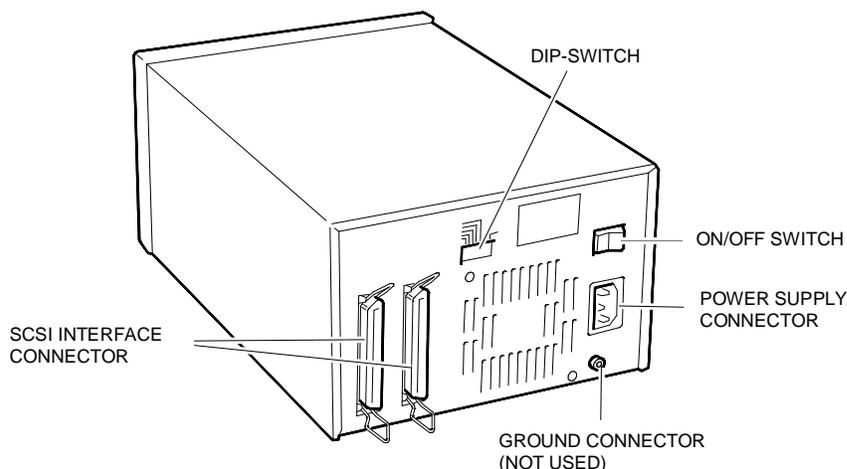
JUMPERS		BOARD INTERRUPT SELECTION
W3	W4	
OFF	OFF	Jumpers W3 and W4 are never inserted because the WORM does not use the interrupt feature of the interface board.

JUMPER W5	USE OF LINE 0WS SELECTION
ON	Jumper W5 should always be inserted to allow the interface board to exchange data with the system at the highest possible speed.

SOFTWARE INSTALLATION

- After installing the unit, insert the diskette included in the kit in drive A of the computer
- Type A: press Enter, type LINSTALL and press Enter
- The installation procedure starts to:
 - . Add the line DEVICE = LDRIVER.SYS to the CONFIG.SYS file
 - . Create a directory in drive C called LASER and copy all the files in the diskette to it
- Insert a new optical disk cartridge
- Remove the diskette from drive A and press the reset button
- Type cd C:\LASER and press Enter
- Type LFORMAT and press Enter to initialise the optical disk. DO NOT USE THE MS-DOS format command.

EXTERNAL EOD	SONY SMO-S501-11	EOD-400
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SWITCH	DESCRIPTION	SETT.
1	The drive motor does not start automatically when the cartridge is inserted The drive motor starts when the optical cartridge is inserted	ON OFF *
2	The cartridge is not ejected when the eject key is pressed The cartridge is ejected when the eject key is pressed	ON OFF *
3	No power is supplied to the terminator Power is supplied to the terminator	ON OFF *
4	Terminator disabled Terminator enabled	ON OFF *
5	Parity check disabled Parity check enabled	ON OFF *

TERMINATORS

Whether the terminator is present or not depends on the SCSI channel configuration on the system. Usually terminator switch 4 must be OFF (enabled) if the EOD is the last peripheral in the SCSI bus chain, on all the others it must be ON (disabled). If the EOD is the only peripheral connected to the SCSI bus, switch 4 must be OFF (enabled).

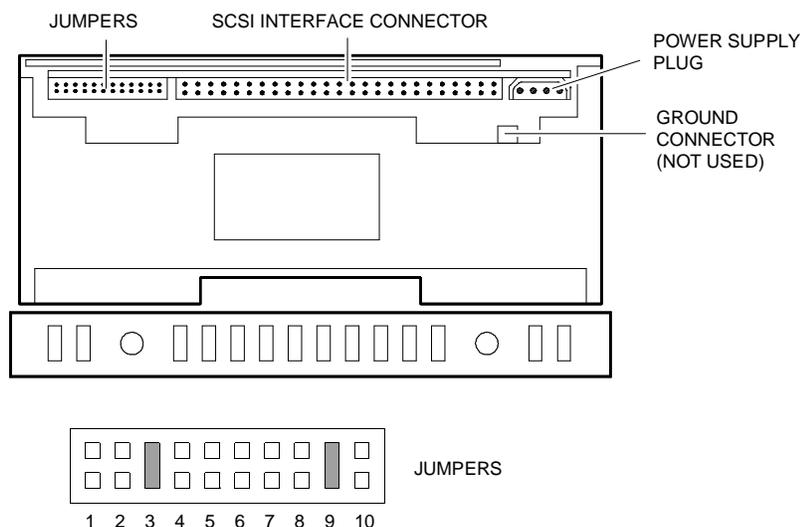
SWITCH			SCSI ID SELECTION
6	7	8	
OFF	OFF	OFF	0
OFF	OFF	ON	1
OFF	ON	OFF	2 (default)
OFF	ON	ON	3
ON	OFF	OFF	4
ON	OFF	ON	5
ON	ON	OFF	6
ON	ON	ON	7

Note: The jumpering on the SCSI interface board is described in the pocket guides of PC and LSX 5000 systems.

USER DISK EVOLUTION

DATE	REL.	CODE	REASON FOR MODIFICATION
	1.03	3937286N (1.44 MB) 3937284E (1.2 MB)	New User Disk.
12/92	1.05	2690192V (1.44 MB) 2690193Z (1.2 MB)	ASPI4DOS.SYS and ASPIDISK.SYS drivers have been modified.
9/93	3.21	2690607F (1.44 MB) 2690608U (1.2 MB)	The User Disk has been updated so that it could also be used on LSX 5025 E systems.
10/94	3.33	2690930 B (1.44 MB)	Diagnostic program updated so that it is aligned to SCSI Library 0.23 which includes management using theDPT and PCI SCSI controllers.
12/94	3.34	2690969 H (1.44 MB)	Diagnostic program updated so that it is aligned to SCSI Library 0.24. Solves a problem with the previous release (time out on the Adaptec 1540CF controller). From this release onwards the 5.25" diskette will no longer be inserted in the kit.

INTEGRATED MOD EOD	SONY SMO-E511 SONY SMO-E501	INMOD-650 (Only in ADL560)
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JUMPER	DESCRIPTION	SETTING
1	Not used	OFF
2	The drive motor does not start automatically when the cartridge is inserted The drive motor starts when the optical cartridge is inserted	ON OFF *
3	The external terminator is powered The external terminator is not powered	ON * OFF
4	The cartridge is not expelled from the drive when the Eject button is pressed The cartridge is expelled from the drive when the Eject button is pressed	ON OFF *
5	Not used	OFF
6	Not used	OFF
7	Parity check disabled Parity check enabled	ON OFF *

JUMPERS			SCSI ID SELECTION
8	9	10	
OFF	OFF	OFF	0
OFF	OFF	ON	1
OFF	ON	OFF	2 (default)
OFF	ON	ON	3
ON	OFF	OFF	4
ON	OFF	ON	5
ON	ON	OFF	6
ON	ON	ON	7

TERMINATORS

Since the drive is not equipped with an internal SCSI terminator, an external terminator will have to be inserted directly on the AMP #88-4163-081-1 or DATA MATE DM500-06-8 SCSI cable. Whether the terminator is present or not depends on the configuration of the system's SCSI channel. Usually the terminator must be installed if the drive is the last peripheral of the SCSI bus chain, and must therefore be removed from all others. If the drive is the only peripheral connected to the SCSI bus, its terminator must be present.

Note: The SCSI controller jumper settings are described in the Pocket Guides of LSX 5000 systems.