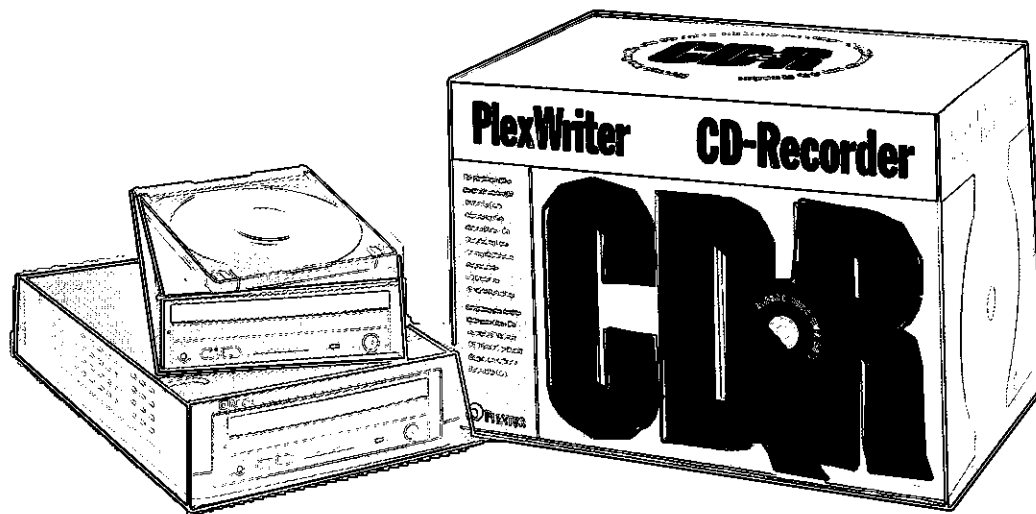# PLEXTOR®

PLE X WRITER™ 2/4

CD Recording From the Leader in CD-ROM Performance

TOTAL SOLUTION FEATURES:

- 2X Recorder/4X Reader
- 5MB/sec. Burst (SCSI-2)
- 512KB Buffer
- Writes at Double Speed & Single Speed
- Reads at Quad Speed
- Windows 95 Plug and Play Compatible
- Low Power Consumption

- Writes CD-ROM Modes 1 and 2, CD-XA Form 1 and 2, CD-DA, CD-I, Video CD, and Photo CD Formats
- Creates Audio, CD Plus, Enhanced CD, DOS, Mac, UNIX, Photo CD, CD-I & Video CD Titles
- Supports Disk-At-Once, Track-At-Once, Multisession, and Packet writing modes
- One-Year Full Warranty (parts, labor, replacement)

Designed for superior performance, Plextor's CD-Recorder/Player offers dependability at an affordable price. Producing data intensive, leading edge applications such as multimedia, training and promotional tools, recording audio/video, electronic publishing and data archiving can now be done at the desktop level. Ideal for today's heavily configured machines, the PlexWriter mounts either vertically or horizontally. Power consumption is also very low for cooler running over a greater range of ambient temperatures. Unique dust-proof design reduces the possibility of writing errors and increases product lifespan and reliability.

PLE✗WRITER™2/4

Benefits:

- Drive mechanism is completely sealed within a metal casing, while a unique shell design protects the optical unit with a dust-proof, heat resistant cover. Double-door structure further protects drive against dust contamination.

- Low power consumption reduces heat emissions and eliminates the need for an external fan.

- Running OPC (Optical Power Control) optimizes laser power during writing. Conventional CD-R drives correct media irregularities by test writing prior to the actual writing process and errors can occur due to a shortage of laser power.

- PlexWriter's enhanced disc-mount mechanism permits vertical or horizontal installation of the drive.

- Available in drive only and complete solution packages with CD-Mastering software and SCSI controller.

A key feature of PlexWriter is its ability to write to any CD Recordable disc, regardless of the manufacturer. Once written, the disc will then be readable by any CD-ROM drive.

SPECIFICATIONS	PX-R24CSi (Internal)			
Disc				
Usable Formats	**Format:**	**Write**	**Read**	**Play**
	CD-DA	X	X	X
	CD-ROM	X	X	N/A
	CD-ROM + CD-DA	X	X	X
	CD-ROM XA	X	X	X
	CD-I	X	X	
	Photo CD	X	X	
Writing Modes	Track at Once, Disc at Once, Multisession, Packet Writing			
Disc Diameter	12cm (60 min. & 74 min.)			
Data Transfer Rate	5.0MB/sec maximum (SCSI-2)			
Read/Write Speeds	4X (read only): 600KB/sec. (Mode 1, Mode 2 form 1)			
	4X (read only): 684KB/sec. (Mode 2, form 2)			
	2X (read/write): 300KB/sec. (Mode 1, Mode 2 form 1)			
	2X (read/write): 342KB/sec. (Mode 2, form 2)			
	1X (read/write): 150KB/sec. (Mode 1, Mode 2 form 1)			
	1X (read/write): 171KB/sec. (Mode 2, form 2)			
Access Time	390ms			
Ready Time	CD-ROM: less than 9 seconds			
	CD-R: less than 13 seconds			
Mounting Orientation	Horizontal or vertical (eject button side up)			
Data Buffer	512KB			
Read Error Rate	Less than once per 10^{12} bits			
Write Error Rate	Less than once per 10^{10} bits			
Front Panel				
Eject	Auto Eject; Manual Emergency Eject			
Lights	Disc (green); On/Busy (amber)			
Disc Loading	Caddy, auto load/auto eject			
Headphone Jack	Stereo minijack, 0.9V at 32 Ohms			
Rear Panel				
Power Supply	DC 5V ± 5% at 2.0A (2.5A MAX); DC 12V ± 10% at 0.2A (0.5A MAX)			
Interface Connector	SCSI-2			
Jumpers/Switches	SCSI ID, Device Type, Firmware Upgrade			
Dimensions and Weight				
Dimensions (W/H/D)	5.75" x 1.63" x 8"			
Weight	3.3 lbs.			
Reliability				
MTBF	60,000 POH			
MTTR	Less than 30 minutes (diagnosis time not included)			
Firmware Upgrade	FLASH ROM (upgradeable by SCSI command)			

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