

PLEXTOR WRITER™ 16/10/40A

WRITE • REWRITE • READ

PLEXTOR
PROVEN

16X CD-Write 10X CD-ReWrite 40X max CD-Read

PlexWriter™ 16/10/40A E-IDE (ATAPI) drive, with built-in BURN-Proof™ technology, delivers exceptionally fast performance in a professional 3-in-1 CD solution, while upholding the legendary Plextor® reliability.

BURN-Proof™ **E-IDE (ATAPI)**

Features

- E-IDE (ATAPI-4) interface
- 3-in-1 drive: 16X CD-R, 10X CD-RW, 40X max CD-ROM
- Fast 140 ms average random access time
- BURN-Proof technology eliminates buffer underrun errors in fast write modes, and allows for multi-tasking
- Flash ROM allows for easy upgrade over the Internet
- Supports Track-at-Once, Disc-at-Once, Session-at-Once, multisession, fixed and variable packet writing
- Full 1-year warranty including unlimited toll-free technical support

Proven Performance Leader

The PlexWriter 16/10/40A combines Plextor's proven reliability with the most exceptional record, rewrite and playback capabilities available. CD-Recording at blazing 16X speeds, the PlexWriter 16/10/40A maintains the highest quality and stability while creating a 650 MB disc in less than 5 minutes. CD-ReWriting is now achieved at faster than ever 10X speeds. With 40X max read, the PlexWriter 16/10/40A qualifies as a full-time replacement for your existing CD-ROM or CD-R drive.

For Professional Applications

The PlexWriter 16/10/40A delivers industry leading performance for incremental backups, archiving images, creating multimedia, mastering new software, mixing and creating custom audio discs, CD duplication, file sharing and much more. Professional users trust Plextor with their most valuable data.

Easy to Install

With an E-IDE (ATAPI) interface and Plug & Play compatibility, installing a CD-RW drive has never been easier. You can reclaim valuable hard disk space or copy and share files with Drag & Drop simplicity within minutes of opening the box.

BURN-Proof Reliability

Plextor's reputation for maintaining the highest reliability in the industry is achieved through state of the art engineering. Plextor has now engineered into the PlexWriter 16/10/40A a new technology called BURN-Proof, eliminating buffer underrun errors that occur in fast write modes. These are the errors that result in wasted "coasters"—CDs rendered unusable due to a failure during recording.

BURN-Proof not only compensates for slower source drives, but also allows the PlexWriter 16/10/40A to be used for multi-tasking. You can now do other things on your PC—like sending email, or Web surfing—while burning flawless CDs.

Plextor Software

Once your drive is installed, put powerful and easy to use Plextor software into action.

- PlextorManager™ 2000 puts you in the CD driver's seat. Control all aspects of your drive's performance and create audio CDs like a pro.
- CD Res-Q™ (can be purchased separately) simplifies disaster recovery operations by allowing you to record an image of your hard drive directly to CD. In the event of a catastrophic failure, boot directly from your Res-Q CD and restore an entire system in one fast, painless step.



PlexWriter 12/10/32A
September 2000



PlexWriter 8/20
May 1999



PlexWriter 8/20
February 1999



PlexWriter 12/10/32
June 2000



PlexWriter 8/20
February 1999



PlexWriter 8/4/32
July 2000

 **PLEXTOR®**

PLEXWRITER™ 16/10/40A

WRITE · REWRITE · READ

Performance

Data Transfer Rate	CLV write/CAV read or PCAV read	
Sustained Read/Write Speeds	17X/40X (CAV read only)	2.6-6.0 MB/sec (Mode 1, XA Mode 2 Form 1, and CD-R)
	16X (write only)	2.4 MB/sec
	14X/32X (CAV read only)	2.08-4.8 MB/sec (CD-DA and CD-R)
	10X/24X (PCAV read only)	1.56-3.6 MB/sec (CD-RW)
	12X (write only)	1.8 MB/sec
	10X (rewrite only)	1.5 MB/sec
	8X (read/write/rewrite)	1.2 MB/sec
	4X (read/write/rewrite)	600 KB/sec
	2X (rewrite only)	300 KB/sec
	1X (read/write)	150 KB/sec
Burst Read/Write	16.6 MB/sec (PIO Mode 4/DMA Mode 2)	
Average Random Access	140 ms	
Buffer	2 MB	
Error Rate	Mode 1: block/10 ¹² bits, Mode 2: block/10 ⁹ bits	
Spindle Motor	Brushless	

Reliability

MTBF	60,000 POH
Tray Load/Unload Cycles	75,000 times

Recommended Media

CD-R (74 min or 80 min)	16X 12X, 8X, 4X, 1X	TDK, Taiyo Yuden, Ricoh, Mitsubishi Chemicals, Mitsui Chemicals TDK, Taiyo Yuden, Mitsui Chemicals, Ricoh, Kodak, Philips, Maxell, Mitsubishi Chemicals, Fuji Photo Film, Pioneer
CD-RW (74 min)	10X – 4X 4X – 2X	Mitsubishi Chemicals, Ricoh Mitsubishi Chemicals, Ricoh, TDK (All CD-RW Media is re-writable up to 1,000 times)

Disc

Useable Formats	CD-DA, CD-ROM Mode 1, CD-ROM XA (Mode 2, Form 1 or Form 2 and Mixed Form), CD ROM Mixed Mode, Photo CD, Video CD, CD-I, CD-Extra (CD-Plus), CD+G, CD-Text
Disc Diameter	12 cm (74, 79 minutes)
Recording Modes	Track-at-once, Disc-at-once, Session-at-once, Multisession, Fixed and Variable Packet Writing

Front Panel

Eject	Auto Eject/Manual Emergency/Software Control
Lights	Power on/disc access/writing
Disc Loading	Auto load/auto eject
Headphone Jack	Stereo Minijack, 0.8 V at 32 Ohms
Volume Control	Wheel Knob

Rear Panel

Power Supply	DC +5 V and DC +12 V
Interface Connector	IDE host adapter and 40-pin Flat E-IDE cable
Audio Output	Analog output, Molex connector
Jumper Switches	Master; Slave; Cable Select
SPDIF	Digital Audio Out

Minimum Systems Requirements

CPU	Pentium MMX 200 MHz
RAM	64 MB
HDD	1GB of free space for writing in CD to Image mode
ATAPI	DMA must be set to ON in every OS. IDE controller must be set to PIO Mode 4 or DMA Mode 2 (Consult the Operations Manual or Plextor's Web site FAQs for current details on specific IDE chip sets and drives)

Dimensions & Weight

Dimensions (W/H/D)	5.75 in x 1.63 in x 7.95 in (without front panel)
Weight	2.65 lbs



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