

PLEXWRITER™ 12/10/32S

WRITE • REWRITE • READ

PLEXTOR
PROVEN

12X CD-Write 10X CD-ReWrite 32X max CD-Read

The PlexWriter™ 12/10/32S drive, with built-in BURN Proof™ technology, delivers the high performance and speed you need for your professional applications.

BURN-Proof™

Ultra SCSI

Features

- Ultra SCSI interface
- BURN-Proof technology eliminates buffer underrun errors in fast write modes and allows for multi-tasking
- 3-in-1 drive: 12X CD-R, 10X CD-RW, 32X max CD-ROM
- Fast 150 ms average random access time
- 4 MB buffer
- Windows 95/98/2000/ME and NT4.0 compatible
- Flash ROM allows for easy upgrade over the Internet
- High quality Digital Audio Extraction
- Supports Track-at-Once, Disc-at-Once, Session-at-Once, Multisession, fixed and variable packet writing
- Full 1-year warranty

Proven Performance Leader

The Plextor®, PlexWriter 12/10/32S combines proven reliability with the most exceptional record, rewrite and playback capabilities available. Recording at blazing 12X speeds, the PlexWriter 12/10/32S maintains the highest quality and stability while creating a 650 MB disc in 6 minutes. CD-ReWriting is now achieved at 10X speed, making this drive a great option for frequent backup of files or your entire hard drive. With 32X max read and fast high quality digital audio extraction, the PlexWriter 12/10/32S provides you with all the performance you need.

For Professional Applications

The PlexWriter 12/10/32S delivers industry leading performance for incremental backups, archiving images, creating multimedia or software, mixing and creating audio discs, CD duplication, file sharing and much more. Professional users trust Plextor with their most valuable data.

Easy to Install

With an Ultra SCSI 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. The PlexWriter 12/10/32S comes with built-in BURN-Proof technology, eliminating buffer underrun errors that can occur in fast writing modes. These are the errors that result in wasted "coasters"—CDs rendered unusable due to a failure during recording.

With BURN-Proof technology, a slow source drive or multi-tasking while burning a CD will no longer lead to recording failures. You can now do other things on your PC—like sending email or Web surfing—while recording flawless CDs.

Software

Once your drive is installed, put powerful and easy to use Plextor software into action. The software ships with our retail kits.

- PlextorManager™ 2000 puts you in the CD driver's seat. Control every aspect of your drive's performance and create audio CDs like a pro.
- CD Res-Q™ 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.
- Also included are CD mastering and CD writing software.



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Performance

Data Transfer Rate	CLV Write/CAV	
Sustained Read/Write Speeds	14X/32X (CAV read only)	2.1-4.8 MB/sec (Mode-1, XA Mode-2 Form1)
	14X/24X (CAV read only)	2.1-3.6 MB/sec (CD-DA)
	10X/24X (CAV read only)	1.56-3.6 MB/sec (XA Mode-2 Form2)
	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
	8X (max) (read)	1200 KB/sec (Max)
UDF Packet Writing Data Burst Read/Write	20 MB/sec (max)	
Average Random Access	150 ms	
Buffer	4 MB	
Error Rate	Mode 1: block/10 ¹² bits Mode 2: block/10 ⁹ bits	
Spindle Motor	Brushless	

Reliability

MTBF	60,000 POH
Reading	5000 Hours
Recording	2000 Hours
Tray Load/Unload Cycles:	200,000 Load cycles

Recommended Media

CD-R (74 min or 80 min)	12X, 8X, 4X, 1X	TDK, Taiyo Yuden, Mitsui Advanced Media, Ricoh, KODAK, Imation, Philips, Maxell, Mitsubishi Chemicals, Fuji Photo Film, Sony, Pioneer
CD-RW	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	Eject Button/emergency eject hole
Lights	Disc in, on/busy, high speed write and rewrite, normal write and rewrite
Disc Loading	Auto load/auto eject
Headphone Jack	Stereo Minijack, 0.8 V +/- 0.2 V at 32 Ohms
Volume Control	Wheel knob

Rear Panel

	Internal	External
Power Supply	DC +5 V and DC +12 V	AC 100-250 V, 50/60 Hz
Interface Connector	SCSI Bus, 50-pin flat ribbon type	SCSI Bus, Two (2) 50-Pin High Density
Audio Output	Analog output, Molex connector	Analog output, RCA jacks
Jumper Switches	SCSI-ID, parity, terminator, test, block size, SPDIF	N/A
Dip Switch	N/A	Parity, termination, test, block size
Rotary Switch	N/A	SCSI-ID

Dimensions and Weight

	Internal	External
Dimensions (W/H/D) (without front panel)	5.75 in. x 1.63 in. x 7.95 in.	7.13 in. x 2.134 in. x 12.13 in.
Weight	2.65 lbs.	5.8 lbs.



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