



E-IDE ATAPI

PX-800A

DVD Super Multi Drive

18
X

DVD±R

12
X

DVD-RAM

18X DVD±R

12X DVD-RAM

8X DVD±R DL

8X DVD+RW

6X DVD-RW

16X DVD-ROM

48X CD-R/ROM

32X CD-RW



The PX-800A DVD Super Multi Drive from Plextor® offers all the advantages of our legendary DVD and CD-RW drives. It supports blazing fast 18X burns on single layer DVD±R media (4.7 GB), 8X burns on double/dual layer media (8.5 GB) and 12X on reliable DVD-RAM media. The PX-800A DVD Super Multi Drive is the only DVD burner you'll need to get the job done right the first time.

Achieve high-quality recording at optimum speeds using any media!

FEATURES

- Works with Windows® 2000/XP/Vista™
- Double layer allows you to record up to 4 hours of high-quality MPEG-2/DVD video on a 8.5 GB disc
- Supports a wide array of DVD-RAM, DVD±R/RW, CD-R, and CD-RW Media Brands
- Supports DVD+RW background format
- Supports DVD±VR format for direct disc recording
- Supports Lossless Linking (DVD+R/RW) and Zero Link (DVD-R/RW)
- Buffer Underrun Proof technology prevents buffer underrun errors
- RoHS Compliant*
- Replaceable front beige bezel included
- One-year full warranty (parts and labor)
- Unlimited toll-free technical support

* The RoHS directive prohibits the use of the following elements in electrical/electronic equipment sold after 7/1/2006: cadmium (Cd), lead (Pb), mercury (Hg), hexavalent chromium (Cr(VI)), polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs).

Powerful Software that Works for You

EASY MEDIA CREATOR® 9

An award winning software suite which combines full-featured photo, video, music, burning, and authoring applications for the PC. Burn music CDs and DVDs, back up fast, and copy with ease. Take your media with you — easily transfer files to iPod, PSP, or other devices.

Get the most out of your digital videos, music, and photos. **Easy Media Creator™ 9** lets you create, manage and enjoy them the way you want them — where you want them.

MyDVD®

Video Authoring

Create a DVD with MyDVD®, make a disc using your video device, multimedia clips and pictures. Customize your disc and share with your friends and family.

VIDEOWAVE®

Video Editing

Create professional looking video by removing unwanted scenes, reordering content, and applying special effects.

KinePlayer®

DVD-Video Playback

Plays all DVD-ROM movies, DVD and VCD titles. Uses any resolution or color depth video display (depending only on VGA memory).

Backup MyPC™

Archive and Backup

Archive your important music, video, and data files by transferring them to discs or a hard drive using Backup MyPC technology. Back up individual files or your entire system using Backup MyPC™



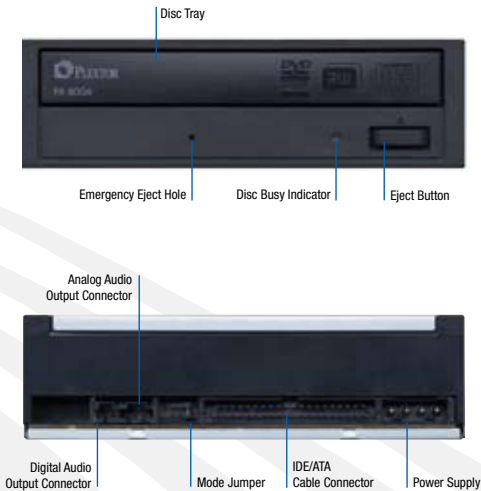
PX-716A



PX-716UF



PX-716A



Front Panel

Eject	Auto Eject/Manual Emergency
Lights	Power on/ Disc Busy Indicator
Disc Loading	Auto load/Manual load

Rear Panel

Power Supply	DC12V ±10% and DC5V ±5%
Mode Jumpers	Master; Slave; Cable Select
Interface Connector	IDE host adapter and 40-pin Flat E-IDE cable
SPDIF	Digital Audio Out

Dimensions & Weight

Dimensions (W/H/D)	5.75 in x 1.63 in x 6.89 in 146 mm x 41.3 mm x 175 mm
Weight	1.63 lbs 740 g

Recommended Media

(All DVD-RW and CD-RW media is rewritable up to 1,000 times)

DVD+R (4.7 GB)	Taiyo Yuden, Sony
DVD+RW	Ricoh, Mitsubishi/Verbatim, Sony
DVD+R DL (8.5 GB)	Mitsubishi/Verbatim
DVD-R	Taiyo Yuden, Sony
DVD-RW	JVC, Mitsubishi/Verbatim
DVD-R DL (8.5 GB)	Mitsubishi/Verbatim
DVD-RAM	Panasonic, Maxell
CD-R	Mitsubishi/Verbatim
CD-RW	Ricoh, Mitsubishi/Verbatim



Need more information?
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Performance

Data Transfer Rate	CAV, ZCAV, CLV	
Maximum Read/Write Speed DVD	18X	24.7 MB/sec (write)
	16X	22 MB/sec
	12X	16.6 MB/sec
	8X	11.0 MB/sec
	6X	8.20 MB/sec
	5X	6.9 MB/sec
	4X	5.5 MB/sec (write)
	2.4X	3.3 MB/sec (write)
	2X	2.7 MB/sec
	1X	1.38 MB/sec
Maximum Read/Write Speed CD	48X	7.20 MB/sec
	40X	6.0 MB/sec (write)
	32X	4.8 MB/sec
	24X	3.6 MB/sec
	16X	2.4 MB/sec
	10X	1.5 MB/sec
	8X	1.2 MB/sec
	4X	600 KB/sec
Burst Read/Write	66 MB/sec (Ultra DMA Mode 4)	16.6 MB/sec (PIO Mode 4/DMA Mode 2)
Typical CD Random Access	<140 ms (random typical) <230 ms (full typical)	Typical DVD Random Access <160 ms (random typical) <250 ms (full typical)
		Typical DVD-RAM Random Access <210 ms (random typical) <310 ms (full typical)
Buffer	2 MB	Error Rate Mode 1: <10 ⁻¹² Block/bit Mode 2: <10 ⁻⁹ Block/bit Seek Error Rate: <10 ⁻⁶ Block/bit

Disc

Useable DVD Formats	DVD-RAM, DVD-ROM, DVD-Video, Multi-border, Multi-session, DVD+VR, DVD-VR DVD±VR with CPRM (read only)
Useable CD Formats	CD-DA, CD-Extra, CD-ROM Mode-1, CD-ROM Mode-2, CD-ROM XA, CD-Extra, Photo-CD, Video-CD, Multi-session, CD TEXT, CD-I (FMV)
Disc Diameter	12 cm, 8 cm
Recording CD Modes	Track-at-Once, Disc-at-Once, Packet Write (variable and fixed), Session-at-Once
Recording DVD+R DL, DVD+R/RW Mode(s)	DVD+R: Disc-at-Once, Random Write, Sequential Write DVD+RW: Disc-at-Once, Random Write, Sequential Write DVD+R DL: Multisession, Incremental write
Recording DVD-R DL, DVD-R/RW Mode(s)	DVD-R: Disc-at-Once, Multi-Border Recording, Incremental DVD-RW: Disc-at-Once, Multi-Border Recording, Restricted Overwrite, Incremental Write DVD-R DL: Disc-at-Once, Sequential Write, Layer Jump Recording
Recording DVD-RAM Modes	Random Write, Sequential Write

Minimum System Requirements

CPU	Pentium® 4 1.6 GHz or equivalent (minimum)
HDD	1 GB free space for copying CD to CD image 6GB to 10GB free space for DVD authoring
Interface	Ultra ATA/66 Ultra DMA Mode 4
Resolution	1024 X 768 at 16-bit color
OS Support	Windows 2000/ XP/ Vista™