



6X External BD Combo

BD Reader and Super Multi Writer

PX-B310U

USB2.0

Turn your PC into a Hi-Def Entertainment System

Plextor's External USB PX-B310U BD Combo Super Multi Drive gives you an all-in-one solution for playing back Blu-ray Discs, while maintaining the capability of archiving data onto CD or DVD. The PX-B310U BD Combo Drive reads BDs at 6x, writes to DVDs at 16x, and writes to CDs at 48x. It comes bundled with Cyberlink's BD Suite for the ultimate in High Definition playback and CD/DVD authoring. With a Plextor drive and Blu-ray, you have a complete entertainment PC.

Power Software for all your digital media needs.

Take control of several powerful features of Plextor drives. With the power of PlexUTILITIES for Windows® you now have extra support for your Plextor hardware. PlexUTILITIES allows you to view basic and advance drive information as well as offering high quality audio and multimedia capabilities.

By allowing you to measure and control the burn quality of every disc on a Windows® platform, PlexUTILITIES makes coasters a thing of the past. The distinctive design in PlexUTILITIES allows ease of use for newcomers without compromising on the powerful features that experienced burners demand.

PlexUTILITIES also features:

Viewing Basic and Advanced Drive Information which lists the drive's hardware, including serial number, firmware version and jumper settings, and shows the capabilities of the drive. Concurrently, it reveals extensive information about the inserted disc— like format, sessions and tracks, manufacturer, and CD TEXT.

Permitting Drive Identification and Control which allows you to control different features of your Plextor drive.

Measure Disc Burning Quality which tests the quality of a written or pressed disc by counting the number of errors, measures the mechanical characteristics of blank media, shows the write quality by checking the jitter rate and the beta value of written media, and measures the quality of the written DVD media by checking the pits and lands for compliance with the DVD specifications.

Automatic software and firmware updates immediately notifies you of pending updates to your Plextor drive so that you always have the most current applications.

CyberLink BD Suite lets users do everything they want with video and discs: authoring and burning, data archiving, disc playback, slideshow creation, video editing, photo retouching, music ripping, label printing, and data burning. As a complete suite of CyberLink's most comprehensive range of software, CyberLink BD Suite features advanced technologies for enjoying and creating the latest audio and video disc formats. The PowerStarter interface supports task-based operation of burning and creativity features, and provides an easy means to update and enhance products online.

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System Requirements

CPU	Intel Pentium 4 2.0 GHz or equivalent or higher
Memory (RAM)	512 MB (1GB recommended)
Interface	USB2.0
Operating System	Microsoft Windows® 7 or Vista (32 or 64 bit OS) or XP SP2
Hard disk Drive	1 GB free space required for software installation, and up to 10 GB free space required for DVD authoring
Other	Internet connection recommended for updates
For BD Playback:	Intel Pentium-D 3.0 or Higher CPU; 1GB RAM; HDCP supported graphic cards with 256MB RAM and 32-bit color support. ATI x1600 or nVidia 7600GT or later GPU; HDCP capable monitors required. Microsoft Windows XP SP2 or Vista or later required

Front Panel

Eject Button	Eject or retract disc tray
LED Light	Activity indicator
Emergency Eject	Manually eject disc tray

Rear Panel

Power Connector	Connector for 12V Power Adapter
Data Connector	USB2.0

Dimensions and Weight

Dimensions (W/H/D)	6.42 x 2.03 x 8.85 inch 163 x 51.5 x 224.7 mm
Weight	2.43 lbs 1100g

Package Contents

Drive	PX-B310U Blu-ray Disc Combo
Software	Cyberlink BD Suite with TTHD
Accessory	USB Cable + Power Adapter + Vertical Stand
Document	QIG and Warranty Statement

Performances

Transfer Rate	
BD Media (Read Only)	
BD SL	6X Maximum
BD DL	4X Maximum
DVD Media (Read/Write)	
DVD±R	16X Maximum
DVD±R DL	8X Maximum
DVD+RW	8X Maximum
DVD-RW	6X Maximum
DVD-RAM	12X Maximum
DVD-ROM	16X Maximum
CD Media (Read/Write)	
CD-R	48X Maximum
CD-RW	32X Maximum
CD-ROM	48X Maximum

Access Time (Typical)

BD Media	350 ms
DVD Media	160 ms
CD Media	150 ms
Buffer Size	2MB

Media Information

Supported BD Format	BD-R, BD-RE, BD-ROM, BD-R DL, BD-RE DL, BD-ROM-DL
Supported DVD Format	DVD-ROM, DVD-Video, DVD-RAM, DVD±R (Single/Multi Boarder), DVD±R DL (Single/Multi boarder), DVD± RW
Supported DVD Write Method	Disc-at-Once, Incremental Recording, (DVD-RW) Restricted Overwrite, (DVD+RW/DVD-RAM) Random Access Write, (DVD-R DL) Layer Jump
Supported DVD Size:	12cm or 8cm Diameter
Supported CD Format	CD-DA, CD-Text, CD ROM Mode-1/2, CD-ROM XA, CD-I, Photo CD, Video CD, CD Extra
Supported CD Writing Method	Disc-at-Once, Track-at-Once, Session-at-Once, Fixed Packet, Variable Packet
Supported CD Size:	12cm or 8cm Diameter