

Sony Branded Optical Storage



BWU-100A

Internal Blu-ray Disc Rewritable Drive for Windows® XP/2000 PCs

Looking to keep 1080 HD video in native High Definition from capture to playback? The Sony BWU-100A Blu-ray Disc rewritable drive is the solution. Record up to 4 hours 1080 HD video or up to 50GB of data on BD-R/-RE discs* that are playable on Blu-ray Disc home players** or PC's with Blu-ray Disc drives installed.*** Use the included Cyberlink® authoring software to capture HD video from your HDV format camcorder and record onto 50GB or 25GB BD discs. The BWU-100A can also burn standard 4.7GB and 8.5GB DVD±R/±RW/RAM discs and CD's too—giving you a multi-format burner **like no other™!**

Features and Benefits

- Burn up to 50GB data or 4 hours 1080 HD video per disc
- Keep high definition video in native 1080 format
- Burns standard 4.7GB and 8.5GB DVD±R and DVD±RW/RAM discs and CDs too
- Comprehensive Cyberlink® BD/DVD/CD burning software suite
- Easy to install internal P-ATA/EIDE drive



Recommended
Blu-ray Disc Media
(sold separately)



* Video recording to Blu-ray Disc media is done in MPEG2 format only.

** Certain circumstances may limit/prevent Blue-ray discs playback, or require an HDMI™ capable TV for HD playback. Requires compatible HDTV for high definition playback.

*** Certain circumstances may limit/prevent Blu-ray disc playback. Personal computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates. Requires compatible high-definition display for high definition playback. Playback of AAC protected media may require HDCP compliant display.

SPECIFICATIONS

PART NUMBER	BWU-100A
DRIVE TYPE	Internal BD/DVD/CD Burner
MEDIA & MODES SUPPORTED	BD-ROM*, BD-AV, BD-R, BD-RE, DVD-R/-R DL/-RW, DVD+R/DVD+R DL/+RW, DVD-RAM: DVD-ROM, DVD-Video CD: CD-DA, CD-ROM (XA), CD Extra, Video CD, Photo CD*, CD Text, multi-session
READ/WRITE SPEED	Write (BD-R 50GB***/25GB) 2X CLV max** Write (BD-RE 50GB***/25GB) 2X CLV max** Write (DVD-R) 4X CLV, 6X ~ 8X Z-CLV max.** Write (DVD-R DL) 4X CLV max. *** Write (DVD-RW) 6X CLV max. ** Write (DVD+R) 6X ~ 8X Z-CLV max** Write (DVD+R DL) 4X CLV max*** Write (DVD+RW) 6X ~ 8X Z-CLV max** Write (DVD-RAM) 5x Z-CLV max** Write (CD-R) 12X ~ 24X Z-CLV max** Write (CD-RW) 12X ~ 16X Z-CLV max. ** Read (BD-ROM) 2X max. Read (DVD-ROM) 8X max. Read (CD-ROM) 32X max.
SUSTAINED DATA TRASFER RATE	9MB/s max. (2X BD-ROM)**** 10.8MB/s max (8X DVD-ROM)**** 4.6MB/s max (32X CD-ROM)****
AVERAGE ACCESS TIME	210 ms (BD-ROM) 170 ms (DVD-ROM) 160 ms (CD-ROM)
INTERFACE	Parallel ATA (P-ATA)/EIDE
BURST TRANSFER RATE	66.6MB/sec Ultra DMA Mode 4 33.3MB/sec Ultra DMA Mode 2 16.6MB/sec Multiword DMA Mode 2
BUFFER MEMORY	8MB
POWER CONSUMPTION	1.1A max (+5V DC), 2.2A max (+12V DC)
DIMENSIONS (WxHxD)	5.25 X 1.63 X 7.0 in. *****
WEIGHT	3.5lbs. *****
PACKAGE CONTENTS	Internal BWU-100A Blu-ray Disc Rewritable Drive Cyberlink® PowerProducer™ BD/DVD Authoring Software Cyberlink PowerDirector™ Editing Software Cyberlink Power2Go Data Burning Software Cyberlink InstantBurn™ Packet Writing Software Cyberlink PowerBackup Backup Software Cyberlink PowerDVD™ Player Software Mounting Screws User's Manual & Quick Start Guide
SYSTEM REQUIREMENTS	Pentium® IV 3.0GHz or faster 512MB or more RAM 30GB free HDD space i.LINK (IEEE1394/FireWire compatible) port for camcorder connection UXGA (1600 x 1200) display (recommended) Graphics card capable of 1600 x 1200 resolution display Windows® XP SP2 Home or Professional Operating Systems
WARRANTY	One Year Limited

* Playback of commercial movies on Blu-ray Disc (BD-ROM) requires additional software/hardware not included with this product. Requires compatible high-definition display for high-definition playback. Playback of AACs protected media may require an HDCP compliant output and HDCP compliant display. Photo CD playback requires additional software not bundled with this drive.

** Appropriate speed discs required.

*** Requires appropriate double/dual layer BD-R, BD-RE, DVD+R DL media

**** Transfer Speeds may vary and are dependent upon host hardware.

***** Weights and measurements are approximate and may vary.

www.sony.com/discburners

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