

BLU-RAY DISC REWRITER

BP40NS20

OPTICAL
DRIVE

Blu-ray™ Disc Rewriter

Super Multi Blue Slim Portable with 3D Blu-ray Disc Playback & M-DISC™ Support



The LG Super Multi Blue BP40NS20 slim portable Blu-ray rewriter features USB 2.0 connectivity with a 6x BD-R write speed. Simply plug in and record up to 128GB of files, photos, or business documents onto a BD-XL (quadruple) disc. With Blu-ray, DVD and CD burning capabilities, the BP40NS20 gives you the option to choose the media best suited for each task.

EXTERNAL - CONNECTS VIA USB 2.0

SILENT PLAY

Reduces noise from disc spin during movie playback

SUPPORTS 3D BLU-RAY DISC PLAYBACK

SUPPORTS BD-XL (128GB, QUADRUPLE) DISC

ANTI-SCRATCH UV COATING

MAC COMPATIBLE

JAMLESS PLAY

Smooths out playback of damaged Blu-ray or DVD discs

6X BD-R READ AND WRITE CAPABILITY

MAX. 6X DVD±R WRITE SPEED

BLU-RAY DISC (INCLUDING BDXL), DVD (INCLUDING M-DISC & DVD-RAM), AND CD FAMILY READ/WRITE COMPATIBLE

4MB BUFFER UNDER-RUN PREVENTION FUNCTION EMBEDDED

 RoHS COMPLIANT



BLU-RAY DISC					DVD								CD		
6x	2x	4x	6x	6x	8x	8x	6x	5x	8x	6x	4x	8x	24x	24x	24x
BD-R (S/DL) MAX WRITE	BD-RE MAX WRITE	BD-R (TL) MAX WRITE	BD-R (TL) MAX READ	BD-ROM MAX READ	DVD±R MAX WRITE	DVD±RW MAX WRITE	DVD±RW MAX WRITE	DVD±RAM MAX WRITE	DVD±ROM MAX READ	DVD±R DL MAX WRITE	M-DISC MAX WRITE	M-DISC MAX READ	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

LGsolutions.com



THE SUPER MULTI BLUE ADVANTAGE

Multi Blue Compatibility

LG Super Multi Blue optical drives can read and write four types of disc formats in one convenient package:

1. DVD+R
2. RW DVD-R
3. RW DVD-RAM
4. Blu-Ray Disc

This gives you the option to choose the media best suited for each task.

Blu-Ray

Blu-ray Disc is the next generation in optical storage, offering 25GB and 50GB of storage capacity on a disc.

BDXL™

The BDXL format supports high-capacity blu-ray discs (up to 128GB write-once discs) for users that need to store a large amount of data.

M-DISC™

Compared to other recordable DVDs on the market today, M-DISC offers superior reliability in data storage that provides the permanent optical data storage solution.

Silent Play

As a disc is being read, Silent Play technology automatically controls the disc read speed for optimal noise reduction.

Jamless Play

A damaged disc can cause interruptions during movie playback. Jamless play technology automatically skips past damaged parts of a disc to maintain smooth playback while reducing interruptions.

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

TYPE	Portable Blu-ray Disc Rewriter		
TRANSFER RATES—WRITE (MAX)	BD-R (SL)	2x CLV, 4x PCAV, 6x CAV	
	BD-R(DL)	2x CLV, 4x PCAV, 6x CAV	
	BD-R (TL)	2z CLV, 4x ZCLV	
	BD-R (LTH)	2x CLV, 4x PCAV, 6x CAV	
	BD-RE (SL/DL/TL)	2x CLV / 2X CLV / 2x CLV	
	DVD-R (SL/DL)	2x CLV, 4x PCAV, 8x CAV / 2x CLV, 4x, 6x ZCLV	
	DVD+R (SL/DL)	2.4x CLV, 4x PCAV, 8x CAV / 2.4x CLV, 4x, 6x ZCLV	
	DVD-RW	1x, 2x CLV, 4x, 6x ZCLV	
	DVD+RW	2.4x, 3.3x CLV, 4x ZCLV, 8x ZCLV (8x disc: 3.3x, 8x)	
	DVD-RAM	2x, 3x ZCLV, 5x PCAV(Ver.2.2) (16x disc: No support)	
M-DISC	2.4 CLV, 4x PCAV		
CD-R	10x CLV, 16x, 24x ZCLV		
CD-RW	4x, 10x CLV, 16x, 24x ZCLV		
TRANSFER RATES - READ (MAX)	BD-ROM (SL/DL)	6x CAV / 6x CAV	
	BD-R (SL/DL/TL)	6x CAV / 6x CAV / 6x CAV	
	BD-R (LTH)	6x CAV max.	
	BD-RE (SL/DL/TL)	6x CAV / 6x CAV / 2x CLV	
	BD-MV	4.8x CAV max.	
	DVD-ROM	8x CAV max.	
	DVD-R (SL/DL)	8x / 8x CAV	
	DVD+R (SL/DL)	8x / 8x CAV	
	DVD-RW	8x CAV max.	
	DVD+RW	8x CAV max.	
	DVD-Video (CSS Compliant)	4x CAV max.	
	DVD-RAM (Ver.2.2)	2x, 3x ZCLV, 5x PCAV	
	M-DISC	8x / 8x CAV	
CD-R/RW/ROM	24x CAV max.		
CD-DA (Ripping/Audio Play)	24x CAV / 10x CAV		
OTHER FEATURES	Silent Play		
	Jamless Play		
ACCESS TIME (1/3 STROKE)	BD-ROM	260ms typ.	
	DVD-ROM	270ms typ.	
	DVD-RAM	240ms typ.	
	CD-ROM	260ms typ.	
SUSTAINED RATE	BD-ROM	143.86 Mbytes/s (6x) max.	
	DVD-ROM	11.08 Mbytes/s (8x) max.	
	CD-ROM	3,600 kB/s (24x) max.	
BURST TRANSFER RATE	USB 2.0 480 Mbps		
BUFFER SIZE	4MB Buffer Under-run prevention function embedded		
HOST INTERFACE	External (Host)	USB 2.0 (480Mbps/s)	
	Internal (Drive)	ATA8-ACS Revision 6	
		INF-8090i: Ver. 7 Rev 1.21 INCITS xxx T10/1675D Revision 4	
COMPLIANCE	RoHS		
	Safety UL:	UL 60950-1 First Edition	
	CUL:	CSA C22.2 No. 60950-1-07 Second Edition	
	TUV:	EN 60950-1 / EN60825-1	
	SEMKO:	EN 60950-1 / EN60825-1	
	EMC	CE Marking, C-Tick Mark, BSMI, VCCI, KCC, FCC Part 15 Class B Digital Device, ICES-003 Digital Apparatus	
	Laser Safety	Class 1 laser product comply with DHHS rules 21 CFR Subchapter J Class 1 laser product to EN60825-1 / IEC 60825-1	
	OPERATING SYSTEMS	Windows 7, Windows Vista™, Windows XP	
	SYSTEM REQUIREMENTS	CPU: Intel® Pentium® D 3.2GHz or Higher (with USB 2.0)	
		Recommended: Intel Pentium 4 Core 2 Duo P8600 2.4GHz or higher	
HDD: 30GB or more of available space (60GB for Blu-ray Disc authoring)			
RAM: 1 GB or Higher			
HDD: 60GB or more of available space			
BD Movie Playback: CPU: Following CPU recommended -Intel: E6400 or higher			
Graphic Card: Card recommended with following GPU (Graphic Processing Unit)			
-nVidia: GeForce 7600GT or higher / GeForce 8400 or higher			
-ATI: ATI Radeon HD 2400 or higher			
Graphic Card Driver shall meet AAC compliance criteria.			
DIMENSIONS (W x H x D)	6.29" x 0.86" x 6.02" (160 x 22 x 153mm)		
WEIGHT	0.8lbs (380g)		

Dimensions and weights are approximate. Design, specifications, and features subject to change without notice.

© Copyright 2012 LG Electronics USA, Inc. All Rights Reserved. "LG Life's Good" is a registered trademark of LG Corp.

Blu-Ray Disc is a registered trademark of Sony Corporation. Windows and Windows Vista are either a registered trademark or a trademark of Microsoft Corporation in the United States and other countries. Intel and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. IBM is a trademark of International Business Machines Corporation. All other product and brand names are trademarks or registered trademarks to their respective companies.

Printed in the USA. March 2012

LGsolutions.com



LG Electronics U.S.A., Inc.
HE B2B Division
2000 Millbrook Drive
Lincolnshire, IL 60069

Customer Service: 888.865.3026
www.LGsolutions.com/support

Contact your LG Regional Sales Representative:
Hospitality: 800.228.1236
Channel: 800.897.8871

E-mail: info@LGsolutions.com

SPEC_BP40NS20_031221_PR



LG

Life's Good