

Slim Portable BD-ROM/ DVD Writer

3D Blu-ray Disc Playback &
M-DISC™ Support

▶ CP50NS20



The LG CP50NS20 Slim Portable BD-ROM / DVD Writer features USB 2.0 connectivity with BD read and M-DISC(DVD) support. Simply plug in, DVD and CD burning capabilities, the CP50NS20 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

Support BDXL (100GB Triple Layer) Disc

Jamless Play
Smooths Out Playback of Damaged Blu-ray or DVD Discs

Max. 6X BD-R Read Capability

Max. 8X DVD±R Write Speed

Blu-ray Disc Read Compatible, DVD (Including M-DISC & DVD-RAM), and CD Family Read/Write Compatible

4MB Buffer Under-Run Prevention Function Embedded

RoHS Compliant

TV Connectivity

BLU-RAY DISC			DVD				CD					
6x	6x	6x	8x	8x	6x	5x	8x	6x	4x	24x	16x	24x
BD-R MAX READ	BD-RE 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	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

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THE SUPER MULTI BLUE ADVANTAGES

Compatibility

LG Ultra Slim Blu-ray / DVD Writer can read and write all kinds of disc formats in one convenient package:

1. BD-R/RE
2. DVD-R/-RW/+R/+RW
3. DVD-RAM
4. CD-R/RW

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

BDXL™

The BDXL format supports high-capacity Blu-ray discs (up to 100GB write-once discs) for users that need to store a large amount of data.

M-DISC™

Compared to other recordable discs 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 and maintain smooth playback.

TRANSFER RATES-WRITE (MAX)	Model	CP50NS20
Type	Slim Portable BD-ROM/DVD Writer	
DVD-R (SL)	2x CLV, 4x PCAV, 8x CAV	
DVD-R (DL)	2x CLV, 4x, 6x ZCLV	
DVD+R (SL)	2.4x CLV, 4x PCAV, 8x CAV	
M-DISC DVD (DVD+R)	4x PCAV	
DVD+R (DL)	2.4x CLV, 6x ZCLV	
DVD+RW	2.4x, 3.3x CLV, 4x, 6x, 8x ZCLV	
DVD-RW	2x, 3x CLV, 4x, 6x ZCLV	
DVD-RAM	2x, 3x CLV, 5x PCAV	
CD-R	10x CLV, 16x PCAV, 24x CAV	
CD-RW	4x, 10x CLV, 16x ZCLV	

TRANSFER RATES-READ (MAX)	Model	CP50NS20
BD-ROM (SL/DL)	6x CAV	
BD-R (SL/DL)	6x CAV	
BD-R (TL/QL)	6x CAV	
BD-R (SL/LTH)	6x CAV	
BD-RE (SL/DL)	6x CAV	
BD-RE (TL)	4x CAV	
BDMM (AACSCompliant Disc) (SL/DL)	6x CAV	
DVD-ROM (SL/DL)	8x CAV	
DVD-R (SL/DL)	8x CAV	
DVD+R (SL/DL)	8x CAV	
DVD-RW	8x CAV	
DVD+RW	8x CAV	
DVD-RAM	2x, 3x CLV, 5x PCAV	
DVD-Video (CSS Compliant Disc) (SL/DL)	8x CAV	
CD-R/RW/ROM	24x/24x/24x CAV	
CD-DA	24x CAV	
OTHER FEATURES	Silent Play Jamless Play	
ACCESS TIME (RANDOM)	BD-ROM	250 ms typ.
	DVD-ROM	200 ms typ.
	CD-ROM	200 ms typ.
SUSTAINED TRANSFER RATE	BD-ROM	26.97 MB/s (6x) max.
	DVD-ROM	11.08 MB/s (6x) max.
	CD-ROM	3.6 MB/s (24x) max.
BUFFER SIZE	4MB Buffer Under-run prevention function embedded	
HOST INTERFACE	External (Host)	USB 2.0 (480Mbps/s)
	Internal (Drive)	SATA
COMPLIANCE	RoHS	Yes
	Safety UL	UL 60950-1 Second Edition
	C-UL	CSA C222 No. 60950-1 Second Edition
	TUV	EN 60950-1 / EN60825-1
	SEMKO	EN 60950-1 / EN60825-1
	EMC	CE Marking, C-Tick Mark, BSMI, FCCI, KC, CU, 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-q/IEC 60825-1
OPERATING SYSTEMS	Windows 8.1, Windows 8, Windows 7, Windows Vista, Windows XP	
SYSTEM REQUIREMENTS	CPU	Intel® Pentium D 3.2GHz or Higher (with USB 2.0)
	Recommended	Intel Core 2 Duo P8600 2.4GHz or higher
	HDD	30GB or more of available space (60GB for Blu-ray Disc authoring)
	RAM	1GB or Higher
	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 Graphic Card Driver shall meet AACSC compliance criteria.
		ATI ATI Radeon HD 2400 or higher Graphic Card Driver Shall meet AACSC compliance criteria.
DIMENSIONS (WxHxD)	5.7" x 0.6" x 6.1" (144 x 14.6 x 156 mm)	
WEIGHT	0.60 lbs. (270g)	
UPC	058231 312690	
CONTENTS	Slim Portable BD-ROM/DVD Writer	Yes
	Blu-ray Drive Install Disc for Windows	Blu-ray Drive Install Disc for Windows PowerDVD Power2Go PowerProducer MediaEspresso
	USB 2.0 Cable	Yes



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