

BLU-RAY DISC DRIVE

CP40NG10

OPTICAL
DRIVE

Blu-ray™ Disc Drive



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

Play your favorite blu-ray or DVD movies and burn DVDs. The LG Super Multi Blue CP40NG10 slim portable Blu-ray drive features USB 2.0 connectivity with a 6X BD-R read speed, 3D Blu-ray disc playback, M-DISC, and Silent Play to support all your backup and entertainment needs. Simply plug in and record up to 8.5GB of files, photos, or business documents onto a dual layer DVD disc. If data integrity is your priority, the CP40NG10 is supports M-DISC that offers unmatched reliability in data storage. .

EXTERNAL - CONNECTS VIA USB 2.0

SILENT PLAY
Reduces noise from disc spin during movie playback

SUPPORTS 3D BLU-RAY DISC PLAYBACK

Mac COMPATIBLE

JAMLESS PLAY
Smooths out playback of damaged Blu-ray or DVD discs

6X BD-R READ CAPABILITY

MAX. 8X DVD±R WRITE SPEED

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

2MB BUFFER UNDER-RUN PREVENTION
FUNCTION EMBEDDED

 RoHS COMPLIANT



BLU-RAY DISC			DVD								CD		
6x	4.8x	6x	8x	8x	6x	5x	8x	6x	4x	8x	24x	24x	24x
BD-R [SL] MAX READ	BD-R [DL/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

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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.

TECHNICAL SPECIFICATIONS

TYPE	Portable Blu-ray Disc Drive				
TRANSFER RATES—WRITE (MAX)	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	200ms typ.			
	DVD-ROM	160ms typ.			
	DVD-RAM	200ms typ.			
	CD-ROM	160ms typ.			
SUSTAINED RATE	BD-ROM	143.86 Mbits/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 2MB Buffer Under-run prevention function embedded					
HOST INTERFACE	External (Host)	USB 2.0 (480Mbps/s)			
	Internal (Drive)	X3T13 ATA/ATAPI Revision 4b			
		INF-8090i Ver. 7 Rev 1.20 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: 1GB 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 AACs 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)					

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

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