

Ultra Slim Blu-ray / DVD Writer

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

► **BU40N**



The LG BU40N Ultra Slim Blu-ray / DVD Writer features Blu-ray, DVD and CD burning capabilities and M-DISC support. Simply plug in and record up to 100GB of files, photos, or business documents onto a BDXL(triple layer) disc. The BU40N gives you the option to choose the media best suited for each task.

- Silent Play**
Reduces Noise from Disc Spin During Movie Playback
- Support 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 and Write Capability**
- Max. 8X DVD±R Write Speed**
- Blu-ray Disc (Including BDXL, M-DISC), 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	4x	6x	8x	8x	6x	5x	8x	6x	4x	24x	16x	24x
BD-R MAX WRITE	BD-RE WRITE	BD-R TL MAX WRITE	M-DISC MAX WRITE	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±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	BU40N	
Type		Ultra Slim Blu-ray / DVD Writer	
BD-R (SL)		2x CLV, 4x PCAV, 6x CAV	
M-DISC BD (BD-R)		2x CLV, 4x PCAV	
BD-R (DL)		2x CLV, 4x PCAV, 6x CAV	
BD-R (TL)		2x CLV, 4x PCAV	
BD-R (QL)		2x CLV, 4x PCAV	
BD-R (LTH)		2x CLV, 4x PCAV, 6x CAV	
BD-RE (SL/DL/TL)		2x CLV	
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)	BD-ROM	SL/DL 6x CAV	
		SL/DL 6x CAV	
	BD-R	TL/QL 6x CAV	
		SL LTH 6x CAV	
		SL/DL 6x CAV	
	BD-RE	TL 4x PCAV	
	BDMV (AACs Compliant 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	Yes	
	Jamless Play	Yes	
ACCESS TIME (1/3 STROKE)	BD-ROM	250ms typ.	
	DVD-ROM	200ms typ.	
	CD-ROM	200ms 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	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 10, 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 (Graphin Processing Unit)	nVidia	GeForce 7600GT or higher / GeForce 8400 or higher Graphic Card Driver shall meet AACs compliance criteria.
	ATI	ATI Radeon HD 2400 or higher Graphic Card Driver Shall meet AACs compliance criteria.	
DIMENSIONS	W x D x H	5.0" x 0.3" x 5.0" (128 x 9.5 x 127 mm)	
WEIGHT		0.28 lb +/- 0.02lb (Without Bezel)	
OTHER	UPC	719192612594	

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