

Ultra Slim Blu-ray / DVD Writer

Ultra HD Blu-Ray Playback & M-DISC™ Support

► **BU40N**



BDXL™



PLAYBACK



Jamless
PLAY



M
DISC



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±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™

M-DISC offers high reliability and long-lasting optical data storage.

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
TRANSFER RATES- READ (MAX)	CD-R		10x CLV, 16x PCAV, 24x CAV
	CD-RW		4x, 10x CLV, 16x ZCLV
	BD-ROM	SL/DL	6x CAV
	BD-R	SL/DL	6x CAV
		TL/QL	6x CAV
		SL LTH	6x CAV
	BD-RE	SL/DL	6x CAV
		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
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		719192625105

- <http://www.lg.com/us/business/commercial-display>
- <http://www.twitter.com/LGCommDisplays>
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