

## Slim Portable Blu-ray / DVD Writer

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

► **BP60NB10**



**BDXL™**



PLAYBACK



The LG BP60NB10 Slim Portable Blu-ray / DVD Writer features USB 2.0 connectivity with a 6x BD-R write speed and M-DISC support. Simply plug in and record up to 100GB of files, photos, or business documents onto a BDXL(triple layer) disc. With Blu-ray, DVD and CD burning capabilities, the BP60NB10 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

Support 3D/UHD 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

TV Connectivity

### BLU-RAY DISC

**6x**

BD-R  
MAX WRITE

**2x**

BD-RE  
WRITE

**4x**

BD-R TL  
MAX WRITE

**4x**

M-DISC  
MAX WRITE

**6x**

BD-ROM  
MAX READ

### DVD

**8x**

DVD±R  
MAX WRITE

**8x**

DVD+RW  
MAX WRITE

**6x**

DVD-RW  
MAX WRITE

**5x**

DVD-RAM  
MAX WRITE

**8x**

DVD-ROM  
MAX READ

**6x**

DVD±R DL  
MAX WRITE

**4x**

M-DISC  
MAX WRITE

### CD

**24x**

CD-R  
MAX WRITE

**16x**

CD-RW  
MAX WRITE

**24x**

CD-ROM  
MAX READ

# Slim Portable Blu-ray / DVD Writer

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

## ▶ BP60NB10

### 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                                                                              | BP60NB10                                                                                                                                          |
|----------------------------|------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                            |                                    | Type                                                                               | Slim Portable 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                                                                                                                                            |
|                            |                                    | UHD DL/TL                                                                          | 6X PCAV                                                                                                                                           |
|                            | 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                                                                                                                               |
| OTHER FEATURES             |                                    |                                                                                    |                                                                                                                                                   |
|                            |                                    | Silent Play                                                                        | Yes                                                                                                                                               |
|                            |                                    | Jamless Play                                                                       | Yes                                                                                                                                               |
|                            |                                    | TV Connectivity                                                                    | 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.                                                                                                                               |
| 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)                                                                   | 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, RCM, 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, Mac OS X |                                                                                                                                                   |
| SYSTEM REQUIREMENTS (BD)   |                                    | 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 - IntelE6400 or higher                                                                                                  |
|                            |                                    | Graphic Card: Card recommended with following GPU (Graphin Processing Unit)        | nVidia GeForce 7600GT or higher / GeForce 8400 or higher<br>ATI Radeon HD 2400 or higher Graphic Card Driver Shall meet AACs compliance criteria. |
| SYSTEM REQUIREMENTS (UHD)  |                                    | CPU                                                                                | Intel Kabylake or Higher                                                                                                                          |
|                            |                                    | HDD                                                                                | 30GB or more of available space                                                                                                                   |
|                            |                                    | RAM                                                                                | 4GB or Higher                                                                                                                                     |
|                            |                                    | Network                                                                            | Required For Specific UHD BD Disc                                                                                                                 |
|                            |                                    | Display                                                                            | 4K Resolution , HDMI 2.0a , HDCP 2.2                                                                                                              |
| DIMENSIONS                 |                                    | W x H x D                                                                          | 5.7" x 0.6" x 6.1" (144 x 14.6 x 156 mm)                                                                                                          |
| WEIGHT                     |                                    |                                                                                    | 0.6 lbs. (Max 270g)                                                                                                                               |
| CONTENTS                   |                                    | Slim Portable Blu-ray / DVD Writer                                                 | Yes                                                                                                                                               |
|                            |                                    | Blu-ray Drive Install Disc for Windows                                             | PowerDVD / Power2Go / PowerProducer / MediaEspresso                                                                                               |
|                            |                                    | USB 2.0 Cable                                                                      | Yes                                                                                                                                               |
| OTHER                      |                                    | UPC                                                                                | 719192613706                                                                                                                                      |
|                            |                                    | Warranty                                                                           | Labor / Parts 1 Year                                                                                                                              |

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