



GBW-H10N

H/H Super-Multi BD Drive



ALL-IN-ONE SOLUTION

Introducing the GBW-H10N, next-generation optical disc format Super-Multi BD Drive. Record, rewrite and playback high-definition video (HD). The Blue-ray disc format offers more than five times the storage capacity of traditional DVDs and can hold up to 25GB on a single-layer disc and 50GB on a dual-layer disc. You'll never have to worry about compatibility because this drive is compatible with all DVD formats as well as BD-ROM and BD-RF formats. Burn Fast, Burn Right with the LG GBW-H10N.



BLU-RAY DISC			DVD					CD				
4x BD-R SL Max Write	2x BD-RE SL/DL Max Write	4x BD-ROM DL Max Read	12x DVD+R Max Write	8x DVD+RW Max Write	6x DVD-RW Max Write	5x DVD-RAM Max Write	16x DVD-ROM Max Read	4x DVD+R DL Max Write	4x DVD-R DL Max Write	8x CD-R Max Write	10x CD-RW Max Write	40x CD ROM Max Read

System Requirements

- CPU : Intel Pentium D 3.2GHz or equivalent (Recommended: 3.4GHz or higher)
- O/S : Windows XP (Home / Professional / Media Center Edition) with SP2
- RAM : 1 GB or more
- HDD : 30GB or more of available space (60GB for Blu-ray Disc authoring)

KEY FEATURES

- CD-R/RW, DVD-R/RW/RAM/ +R/RW +/-R DL, BD-RE/R read and write compatible
- CD Family, DVD-ROM and BD-ROM read compatible
- Max. 12x DVD+R Write Speed
- Supports Double Layer DVD+R, Dual Layer -R Discs (8.5GB)
- High Speed Media Support
- 4MB Buffer with Buffer Under-run prevention function embedded
- Windows® 2000/XP Compatible

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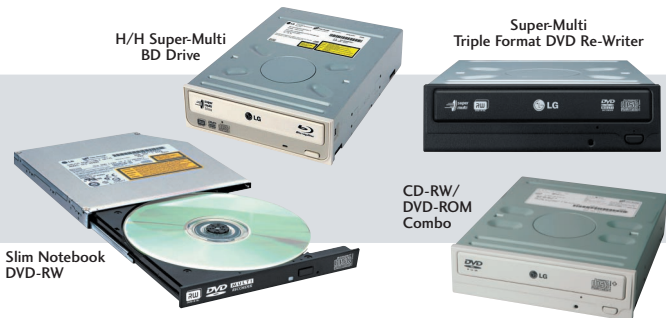
H/H Super-Multi BD Drive

SPECIFICATIONS

TYPE	Slim CD-RW / DVD-ROM DRIVE		WRITING METHOD (cont'd)	DVD-RAM/+RW DVD+R DVD+R(DL) CD-R/RW	Random Write Sequential Recording Sequential Recording Disc at Once(DAO) Session at Once(SAO) Track at Once(TAO) Packet Writing	
TRANSFER RATES – WRITE	BD-R(SL) BD-RE(SL) DVD-R DVD-R(DL) DVD-RW DVD-RAM DVD+R DVD+R(DL) DVD+RW CD-R CD-RW	2x, 4x CLV 2x CLV 2x, 4x CLV, 8x ZCLV, 12x PCAV 2x, 4x CLV 1x, 2x, 4x, 6x CLV 2x, 3x ZCLV, 3x-5x PCAV 2.4x, 4x CLV, 8x, 12x ZCLV, 12x PCAV 2.4x, 4x CLV 2.4x, 4x, 6x CLV, 8x ZCLV (High Speed DVD+RW: 6x CLV, 8x ZCLV) 4x, 8x CLV 4x, 10x CLV (High Speed 10x)	BUFFER SIZE	CD, DVD BD	2 MB 4 MB	
TRANSFER RATES – READ	BD-RM(SL) BD-ROM(DL) BD-R(SL) BD-RE(SL) DVD-R/RW/ROM(SL/DL) DVD-R(DL) DVD-RAM(Ver.2.2) DVD-Video(CSS Compliant Disc) DVD+R/+RW DVD+R(DL) CD-R/RW/ROM CD-DA	4.8x max. 4x max. 4.8 max. 2x CLV 10x/10x/16x/8x max. 8x max. 2x, 3x ZCLV, 3x-5x PCAV 8x max. (Single/Dual layer) 10x / 10x max. 8x max. 40x max. 40x max.	HOST INTERFACE	X3T13 ATA/ATAPI5/1321D INF-8090i Rev.6.0 INCITS xxx T10/1675D Revision 2b	DIMENSIONS (WxHxD)	External dimensions (W x H x D) 5.75" x 1.63" x 7.87" Front bezel (W x H x D) 5.83" x 1.65" x 0.20"
ACCESS TIME	BD-ROM DVD-ROM CD-ROM	170 ms 180 ms 170 ms	WEIGHT	0.40lbs (0.18kg)	SYSTEM REQUIREMENTS	
SUSTAINED RATE	BD-ROM DVD-ROM CD-ROM	172.632 Mbits/s (4.8x) max. 22.16 Mbytes/s (16x) max. 6,000 kB/s (40x) max.	SYSTEM REQUIREMENTS	Blu-ray Disc movie playback • Graphic Card: Card with following GPU (Graphic Processing Unit) recommended. – nVIDIA: GeForce 7600 GT / 7800 GTX 512 / 7900 GX2 / 7900 GTX / 7950 GX2 or higher with 256MB min memory (Please download PureVideo™, HD driver at http://www.nVIDIA.com – ATI: X1600 series / X1800 series / X1900 series or higher with 256MB min memory (Please download ATI catalyst 6.6 or above at http://www.atl.com) • Graphic Card Driver shall meet AACS compliance criteria. Please consult your graphics vendor for proper driver solution. • HDCP (High-Bandwidth Digital Content Protection): Required to view pre-recorded Blu-ray Discs which are copy protected. WARNING: Systems not meeting these minimum requirements may not be able to play or create Blu-ray Discs. You can check your system with "CyberLink BD/HD Advisor" available at http://www.CyberLink.com (Download the most updated S/W version at www.CyberLink.com > Support > BD/HD DVD Support)		
BURST TRANSFER RATE	Ultra DMA Mode 2, Multi word DMA Mode2, PIO Mode 4		WRITING METHOD	BD-RE BD-R	Random Write Sequential Recording Mode with Pseudo-Overwrite Sequential Recording Mode without Pseudo-Overwrite Disc at Once Incremental Recording Restricted Overwrite (DVD-RW only) Disc at Once Incremental Recording Layer Jump Recording	
WRITING METHOD	BD-RE BD-R	Random Write Sequential Recording Mode with Pseudo-Overwrite Sequential Recording Mode without Pseudo-Overwrite Disc at Once Incremental Recording Restricted Overwrite (DVD-RW only) Disc at Once Incremental Recording Layer Jump Recording	DVD-R/RW	Incremental Recording Restricted Overwrite (DVD-RW only) Disc at Once Incremental Recording Layer Jump Recording		
	DVD-R(DL)	Incremental Recording Layer Jump Recording				



LG's Super Multi line of DVD Writers enables recording of all available DVD formats in one convenient package. Whether it be DVD-RAM or DVD+RW, any DVD or CD you throw at it, the Super Multi can handle.



WARRANTY

- 1 Year Warranty on Optical Drives
- 48 Hour Swap Program
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