

BLU-RAY DISC COMBO

CH08LS10

OPTICAL
DRIVE

Blu-ray™ Disc Combo

Internal SATA 8x Super Multi Blue LightScribe



BURN DVD, READ BLU

The CH08LS10 is LG's internal dual format high definition drive that has the capability to read and play different Blu-ray Disc formats. The CH08LS10 also reads and writes in three types of DVD formats in one convenient package - DVD+R, DVD-R and DVD-RAM. LightScribe gives you the added feature of creating customized labels that are etched onto a special coated LightScribe disc (sold separately). Go Blu with the CH08LS10 by LG.

READ AND PLAY BLU-RAY DISC FORMATS

LIGHTSCRIBE DIRECT DISC LABELING

SERIAL ATA INTERFACE

SUPPORTS DOUBLE LAYER DVD+R, DUAL LAYER -R DISCS
(8.5GB)

LARGE BUFFER MEMORY: 4MB

 ROHS COMPLIANT



BLU-RAY DISC			DVD				CD	
8x	8x	2x	16x	8x	6x	16x	40x	24x
BD-ROM (SL/DL) MAX READ	BD-R (SL/DL) MAX READ	BD-RE (SL/DL) MAX READ	DVD±R MAX WRITE	DVD+RW MAX WRITE	DVD-RW MAX WRITE	DVD-ROM MAX READ	CD-R MAX WRITE	CD-RW MAX WRITE

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THE SUPER MULTI BLUE ADVANTAGE

Multiple Compatibility

In addition to reading and accessing Blu-ray Disc formats, the CH08LS10 Super Multi Blue optical drive can read and write three types of DVD in one convenient package:

1. DVD+R
2. RW DVD-R
3. RW DVD-RAM

This gives you the option to choose the media best suited for each task.

Serial ATA Technology

Serial ATA is a 1.5Gbps evolutionary replacement for the Parallel ATA physical storage interface used to connect storage devices, such as hard disks, DVD and CD rewriters to the PC motherboard. Serial ATA is scalable, enables design of smaller PCs, and will allow future enhancements to the computing platform.

LightScribe Technology

LightScribe gives you the ability to create customized labels that are etched directly onto a special coated LightScribe disc (sold separately).

TECHNICAL SPECIFICATIONS

TYPE	Super Multi Blue Internal SATA 8x Blu-ray Disc Combo Drive	
TRANSFER RATES-WRITE	DVD-R	2x, 4x CLV, 8x, 12x, 16x PCAV
	DVD-R DL	2x, 4x CLV
	DVD-RW	1x, 2x, 4x, 6x CLV
	DVD-RAM	2x, 3x CLV, 3-5x PCAV
	DVD+R	2.4x, 4x CLV, 8x, 12x, 16x PCAV
	DVD+R DL	2.4x, 4x CLV
	DVD+RW	2.4x, 4x, 6x CLV, 8x ZCLV
	CD-R	4x, 8x, 16x CLV, 24x, 32x, 40x CAV
	CD-RW	4x, 10x, 16x CLV, 24x ZCLV
TRANSFER RATES - READ	BD-ROM (SL/DL)	8x / 4.8x CAV
	BD-R (SL/DL)	8x / 4.8x CAV
	BD-RE (SL/DL)	2x / 2x CLV
	BDMV (AACs Compliant Disc)	4.8x CAV
	DVD-ROM (SL/DL)	16x / 8x CAV
	DVD-R (SL/DL)	12x / 8x CAV
	DVD-RW (SL)	10x CAV
	DVD+R (SL/DL)	12x / 8x CAV
	DVD+RW (SL)	10x CAV
	DVD-RAM	2x, 3x ZCLV, 3x-5x PCAV
	DVD-Video (CSS Compliant Disc) (SL/DL)	8x CAV
	CD-R/RW/ROM	48x CAV
	CD-DA (DAE)	40x CAV
	80 mm CD	10x CAV
ACCESS TIME	BD-ROM	180 ms typ.
	DVD-ROM	160 ms typ.
	DVD-RAM	180 ms typ.
	CD-ROM	150 ms typ.
SUSTAINED RATE	BD-ROM	287.72 Mbits/s (8x) max.
	DVD-ROM	22.16 Mbits/s (16x) max.
	CD-ROM	6,000 kB/s (40x) max.
BURST TRANSFER RATE	1.5Gbps	
BUFFER SIZE	4MB (Buffer Under-run prevention function embedded)	
HOST INTERFACE	Serial ATA bus interface (1.1a) X3T13 ATA/ATAPI7/1532D INF-8090i Ver.6.1 INCITS xxx T10/1675D Revision 4	
LIGHTSCRIBE	Pixel Resolution	600 DPI
	Track Resolution	745 TPI
	Linear Velocity	0.3 m/sec
	Laser Power	40 mW as Objective emission light of 780nm wavelength
	Color	Mono, Color BG
	Modes:	Best - 745 TPI Normal - 535 TPI Draft - 400 TPI
	Printing Time	745 TPI: Full Label - less than 28 min. 745 TPI: Title Label - less than 3:30 min.
OPERATING SYSTEMS	Windows Vista™, Windows XP	
COMPLIANCE	RoHS	
DIMENSIONS (W x H x D)	External dimensions	5.7" x 1.6" x 7.3" (146 x 41.3 x 185 mm)
	Front bezel	5.8" x 1.7" x 0.2" (148 x 42 x 5 mm)
WEIGHT	2.0 LBS (900G)	
UPC	AVAU00B (Bulk)	0 48231 31610 1
	AVAR10B (Retail)	0 58231 29198 8

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

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