

OPTICAL DISCS

OPTICAL DISC MEDIA FORMATS

The LaCie d2 Blu-ray XL allows you to create, save, and share your digital files on most current and legacy optical discs. Recording performance is based upon the disc type, format, and speed rating as well as its physical condition (i.e. scratches on the surface, dust, etc.).

BD-R (Single or dual layer) / BD-R XL (Triple or quadruple layer)

Blu-ray Disc Recordable. Record data once and it will never be erased. This is the ideal format for archiving valuable data or storing and distributing video material.

BD-RE (Single or dual layer) / BD-RE XL (Triple or quadruple layer)

Blu-ray Disc Rewritable. Record over data or video that you do not wish to keep. Good quality Blu-ray discs can be overwritten approximately 10,000 times. Additionally, you have extensive editing functionality to this type of disc. This is the ideal format for making sequential backups and recording video for time shifting purposes.

BD-ROM

Blu-ray Disc Read Only Memory. A BD-ROM disc contains pre-recorded data. Although a BD-ROM may store any form of data, most feature HD movies for playback on Blu-ray Disc players. A BD-ROM can be played back on your computer using the LaCie d2 Blu-ray XL provided that you have:

- The required playback software
- A compatible computer
- A compatible graphics card
- A compatible monitor

BD-R LTH

Blu-ray Disc Recordable Low to High. Similar to standard BD-R, this is a record once disc. Though it is a less expensive Blu-ray format, BD-R LTH is compatible with most Blu-ray drives.

DVD-R / DVD-R DL

Digital Versatile Disc Recordable - 4.7GB / Digital Versatile Disc Recordable Dual Layer - 8.5GB. Record data once and it will never be erased. There are two forms of DVD-R:

- General Media. Good for the home user due to its lower cost and availability.
- Authoring. Precision recording and compatibility with high-end authoring programs offer support for professional DVD-Video production.

DVD+R / DVD+R DL

Digital Versatile Disc Recordable - 4.7GB / Digital Versatile Disc Recordable Dual Layer - 8.5GB. Record data once and it will never be erased. Potentially more efficient than DVD-R due to support for “lossless linking”, a technology that optimizes storage capacity by minimizing the empty data spaces on a disc.

DVD-RW

Digital Versatile Disc Rewritable. Discs can be written, re-written, and erased up to 1,000 times. The Direct Overwrite (DOW) system available on this disc allows you to write directly over existing data in a single pass.

DVD+RW

Digital Versatile Disc Rewritable. Discs can be written, re-written, and erased up to 1,000 times. The Direct Overwrite (DOW) system available on this disc allows you to write directly over existing data in a single pass. Potentially more efficient than DVD-RW due to support for “lossless linking”, a technology that minimizes the empty data spaces on a disc.

CD-R

Compact Disc Recordable. Record data once and it will never be erased.

CD-RW

Compact Disc Rewritable. Discs can be written, re-written, and erased multiple times.

D2 BLU-RAY XL SUPPORTED BD/DVD/CD FORMATS

Disc	Write	Read	Write Speed	Read Speed	Capacity
BD-R XL TL (Triple layer)	X	X	6x	4x	100GB
BD-R XL QL (Quadruple layer)	X	X	6x	4x	128GB
BD-RE XL TL (Triple layer)	X	X	2x	2x	100GB
BD-R	X	X	12x	10x	25GB
BD-R DL (Dual layer)	X	X	12x	8x	50GB
BD-R LTH	X	X	6x	6x	25GB
BD-RE	X	X	2x	10x	25GB
BD-RE DL (Dual layer)	X	X	2x	6x	50GB
BD-ROM	-	X	-	10x	25GB
BD-ROM DL (Dual layer)	-	X	-	8x	50GB
DVD-R	X	X	16x	16x	4.7GB
DVD-R DL (Dual layer)	X	X	8x	12x	8.5GB
DVD-RW	X	X	6x	12x	4.7GB
DVD+R	X	X	16x	16x	4.7GB
DVD+R DL (Dual layer)	X	X	8x	12x	8.5GB
DVD+RW	X	X	8x	12x	4.7GB
DVD-RAM	X	X	5x	5x	4.7GB
DVD-ROM (Single)	-	X	-	16x	4.7GB
DVD-ROM DL (Dual layer)	-	X	-	12x	8.5GB
CD-R	X	X	40x	40x	700MB
CD-RW	X	X	24x	24x	650MB
CD-ROM	-	X	-	40x	Varies