

SONY



DRU110A/C1

DPW47

DVD+RW/CD-RW DRIVE AND DISCS

PUTTING A WHOLE NEW SPIN ON COMPUTING AND ENTERTAINMENT

Sony is recognized throughout the world as a leader in new technologies—and as a developer of practical and powerful storage solutions. One such example is the new Sony DVD+RW drive. It's a versatile all-in-one device. It harnesses the power of DVD technology and lets users burn high-capacity DVD+RW discs and standard CD-R and CD-RW discs with a single drive. Sony also includes a complete suite of software that makes it easy to author custom DVD video discs and to share and store large amounts of data—including original audio and video files.

- Sony's new DVD+RW drive supports up to 2.4X max. DVD+RW writing speed, which is equivalent to approximately 22X CD-R/RW recording. 1 GB of data can be recorded within 5 minutes
- Sony's new DVD+RW media offers users 4.7 GB of storage capacity—which equals more than two hours of high quality (MPEG-2) digital video
- DVD+RW discs can be reused up to 1000 times and are compatible with most existing consumer DVD-video players - offering users affordable, easy creation of custom DVD videos to share with friends*.

*DVD+RW discs recorded on this drive may not play back on some older or entry-level DVD systems.

DVD+RW/CD-RW DRIVE AND DISCS

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DVD+RW DRIVES

The DVD+RW format employed by Sony's Combination DVD Drive is ideal for data systems that require a high performance medium. Consider its capabilities. It employs CAV (Constant Angular Velocity) to stabilize disc rotation speeds— which improves random access times. It also includes Defect Management to protect data integrity; and it provides a Quick Formatting feature to prep blank discs. And with Lossless Linking for video applications, this technology allows for variable bit rate recording and longer playing times.

KEY FEATURES

- 2.4X max. DVD+RW write speed, 8X max. DVD-R/ROM read speed
- 12X max. CD-R, 10X max. CD-RW and 32X max. CD-ROM
- Internal EIDE/ATAPI
- Equipped with buffer underrun protection technology

DVD+RW DRIVE TECHNICAL SPECIFICATIONS

Part Number	DRU110A/C1	Burst Transfer Rate	33 MB/s Ultra DMA
Driver Type	Internal DVD+RW/CD-RW drive	Buffer Memory	2 MB
Interface	EIDE (ATAPI)	Power Consumption	Maximum of 16 W
Compatible Disc Format	DVD+RW, CD-R, CD-RW and High Speed CD-RW	Dimensions (WxHxD)	5.73 x 1.63 x 7.5 inches
Media & Modes Supported	DVD+RW: DVD-ROM, DVD-Video, DVD+RW CD: CD-DA, CD-ROM (XA), CD Extra, Video CD, Photo CD*, CD Text	Weight	2.6 lbs.
Read/Write Speed	Write (DVD+RW) 2.4X max. Write (CD-R) 2X, 4X, 8X, 12X max. Write (CR-RW) 2X, 4X, 10**X max. Read (DVD-ROM/+RW) 8X max. Read (CD-ROM) 32X max.	Package Contents	Internal DRU110A DVD+RW/CD-RW drive B's Clip™ software B's Recorder Gold™ software MyDVD™ software WinDVD® software DVD+RW blank disc User's Manual
Sustained Data Transfer Rate	11.4 MB/s (8X DVD-ROM)	Supported OS	Windows® 98SE/2000, Windows®
Average Access Time	140 ms (DVD 8X)	Warranty	Millennium Edition operating systems One Year Limited

*Not supported with the bundled software, additional software required.

**High-speed CD-RW disc required.

DVD+RW DISCS

Sony has also developed DVD+RW discs for storage of all kinds of data and video content. They are available in write-once and rewritable versions, so there's a disc for every application. Each disc can hold 4.7GB of information, which means users can record more than two hours of high-quality MPEG2 DVD video (with a picture quality comparable to that of commercially released DVD movies). The discs are the perfect mate for the Sony DVD+RW drive; and they're compatible for playback with most DVD players, so now users can edit a movie on a PC and view it on their home entertainment system.

DVD+RW DISC TECHNICAL SPECIFICATIONS

Unit Model	DPW47	Recording Capacity	4.7GB
Description	4.7 GB DVD+RW Disc	Track pitch	0.74mm
UPC	0-27242-59880-5	Wobble frequency	840 Khz
Disc Diameter	120mm	Reflectivity	18-30%
Disc Thickness	1.2mm	Active Layer	Phase change (ex. AgInSbTe)
		Direct Over Write DOW (Cycles)	1,000