

DW-S114X CD Writer

■ QUADRASPIN™ Enables Ultra High-Speed Reading and Writing

Thanks to Pioneer's exclusive QUADRASPIN™ technology, the DW-S114X single CD-ROM/CD-R drive is capable of both reading and writing data at a sustained rate of 614 kilobytes/second—a full four times the standard CD-ROM data transfer rate.

■ Versatile Interfacing Capabilities

The DW-S114X features an industry standard SCSI-2 interface equipped with switchable active SCSI termination to allow easy, trouble-free connection with a wide variety of computer systems for reliable high-speed and high-volume data transfer.

■ 1 MB Data Buffer

Pioneer has provided an advanced large-capacity 1 MByte data buffer to ensure uninterrupted data transfer during the writing process and to help the DW-S114X cope smoothly with today's increasingly demanding multimedia applications when used as a CD-ROM player.

■ Multisession Compatibility

With its powerful support of Multisession recording and playback, the DW-S114X is an ideal disc drive for people who want to take full advantage of the latest CD-ROM based photograph storage/retrieval applications.

■ CD-DA Data Transmission Capability

The DW-S114X is designed to handle data in the CD-DA format, a capability that allows digital audio data to be written, read and transferred in pure digital form without the need for conversion to or from analog.

■ Impressive Reliability Backed By Proven Technology

The leading-edge technology employed in this new model has already demonstrated its reliability in the DRM-5004X 500-disc changer. In particular, the DW-S114X boasts a QUADRASPIN™-capable pickup which draws on Pioneer's long history of creating highly reliable and durable laser pickup components.

■ Wide-Ranging Media Compatibility

Conforming to CD, CD-ROM, CD-ROM XA and CD-DA standards and fully compatible with most currently available CD-ROM based software packages, the DW-S114X opens up a host of applications in fields as diverse as CD audio, images, data, computer games and interactive multimedia.

■ Full ISO9001 Conformity

To ensure the highest reliability, the DW-S114X and its individual components are built at factories implementing ISO9001-recognised standards of quality and production control.

• For details, contact one of the address below.

• Design and specifications subject to change without prior notice.

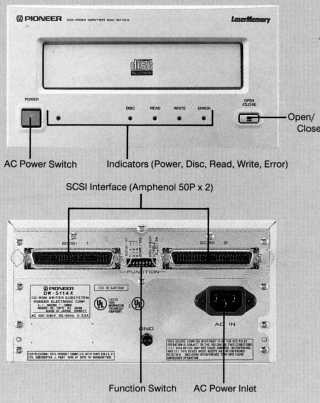
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DW-S114X SPECIFICATIONS

Media type	CD-ROM, CD-DA, Red Book, Yellow Book, Orange Book part 2, CD-ROM XA Mode 1, Mode 2, Form 1 and 2
Media diameter	120 mm
Interface	SCSI-II
Data transfer rate (Sustained)	Quadra speed: 614 KBytes/sec (mode 1, mode 2 form 1) 701 KBytes/sec (mode 2, form 2) Double speed: 307 KBytes/sec (mode 1, mode 2 form 1) (WRITE ONLY) 350 KBytes/sec (mode 2, form 2) 1.5MB (Asynchronous) 4MB (Synchronous)
(Burst)	
Access time (1/3 stroke) (full stroke)	630 msec 1300 msec
Block size	2048/512 Bytes (selectable)
Disc start up time	Less than 3 sec
Disc spin down time	Less than 1.5 sec
Data error rate	Less than 10 ⁻¹¹
Physical Characteristics	
Dimensions (W x H x D)	210 x 115 x 399 mm (8-9/32" x 4-17/32" x 15-23/32")
Weight (Net)	Main unit: 5.3kg (11 lb 11 oz)
Operating voltage	AC 100-240V 50/60 Hz (auto-sensing)
Power consumption	AC 120V 0.32A/AC 230V 0.23A
Environmental Conditions	
Operating temperature	5° to 40°C
Operating humidity (non-condensing)	10-80% RH (Wet Bulb Temperature 27°C)
Storage temperature	-20° to 50°C
Storage humidity (non-condensing)	10-90% RH (Wet Bulb Temperature 27°C)

Configuration & Functions



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The Art of Entertainment

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