

DR-544/504S DR-566/506S**• CD-ROM Performance At It's Best**

Utilizing Pioneer's original CAV/CLV combination technology, the new 32X Pioneer CD-ROM drive realizes a superior sustained data transfer rate of up to 4.8 MB/s, plus an unprecedented average random seek time of less than 60 ms. The result is a new high-speed CD-ROM drive that provides users with significantly improved performance and convenience.

• New Tray and Slot Load Features Offer Enhanced Mounting Flexibility

The DR-504S and DR-506S models feature Pioneer's revolutionary slot-load disc mechanism. The mechanism features a chucking system for safer disc handling, and enables both horizontal and vertical mounting for added flexibility. The new mechanism grips the disc by both edges without touching the data surfaces and operates gently to eliminate any risk of damage. In addition, ejected discs are held in the slot with the central hole visible to allow the discs to be removed without leaving fingerprints on the data surfaces. The DR-544 and DR-566 models feature new tray clips which secure the disc without touching the data surfaces to allow for vertical mounting.

• Choice of ATAPI/SCSI Interface

Pioneer's new 32X drives are available with ATAPI (DR-544 and DR-504S) or SCSI-2 (DR-566 and DR-506S) interfacing. All models support advanced multimedia applications and allow easy connection with all personal computer systems.

• Equipped with Headphone Jack and Volume Control

Pioneer's 32X CD-ROM drives incorporate a built-in headphone jack and volume control to enable personal listening to music and other CD-based audio recordings. The 32X drives feature both digital and stereo audio output.

DR-544/504S

General	
Disc Format	CD, DA, CD-ROM Mode 1, CD-ROM XA Mode 2 (Form 1 and 2), Photo CD Multisession
Interface	ATAPI
Sustained Transfer Rate CAV/CLV Combination Mode	Min. 2.1 MB/s (14X) Max. 4.8 MB/s (32X)
Average Random Seek Time	Less than 60 ms
Average Random Access Time	Less than 70 ms
Capacity of Data (per 1 block) User Data/Block	2048 Bytes (Mode 1) 2336 Bytes (Mode 2)
Capacity of Data Buffer	128 KB
MTBF	100,000 PCH (20% duty)
Regulatory Approval	UL, CSA, TUV, FCC, FDA, CE
Physical Characteristics	
Power Requirement	DC + 5V + 12V
Dimensions (W x H x D) (front panel not included)	5 1/2" (140mm) x 1 1/2" x 8 1/8" 146mm x 208.5mm x 42.3 mm
Load Mechanism	Tray (DR-544) Slot (DR-504S)
Mounting Orientation	Horizontal or Vertical

DR-566/506S SPECIFICATIONS

General	
Disc Format	CD, DA, CD-ROM Mode 1, CD-ROM XA Mode 2 (Form 1 and 2), Photo CD Multisession
Interface	SCSI-2
Sustained Transfer Rate CAV/CLV Combination Mode	Min. 2.1 MB/s (14X) Max. 4.8 MB/s (32X)
Average Random Seek Time	Less than 60 ms
Average Random Access Time	Less than 70 ms
Block Sizes	2048/512 User Selectable
Capacity of Data Buffer	128 KB
MTBF	100,000 PCH (20% duty)
Regulatory Approval	UL, CSA, TUV, FCC, FDA, CE
Physical Characteristics	
Power Requirement	DC + 5V + 12V
Dimensions (W x H x D) (front panel not included)	5 1/2" (140mm) x 1 1/2" x 8 1/8" 146mm x 208.5mm x 42.3 mm
Load Mechanism	Tray (DR-566) Slot (DR-506S)

For more details, contact the address below. Design and specifications are subject to change without notice. All product and company names are registered trademarks.