

**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**

| <b>General</b>                                       |   |
|--|---|
| 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<br>CAV/CLV Combination Mode  | Min. 2.1 MB/s (14X)<br>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)<br>User Data/Block    | 2048 Bytes (Mode 1) 2336 Bytes (Mode 2)                                       |
| Capacity of Data Buffer                              | 128 KB  |
| MTBF   | 100,000 PDH (20% duty)  |
| Regulatory Approval                                  | UL, CSA, TUV, FCC, FDA, CE  |
| <b>Physical Characteristics</b>                      |   |
| Power Requirement                                    | DC + 5V + 12V   |
| Dimensions (W x H x D)<br>(front panel not included) | 5 1/2" (140mm) x 1 1/2" x 8 1/8"<br>146mm x 208.5mm x 42.3 mm                 |
| Load Mechanism                                       | Tray (DR-544)<br>Slot (DR-504S)   |
| Mounting Orientation                                 | Horizontal or Vertical  |

**DR-566/506S SPECIFICATIONS**

| <b>General</b>                                       |   |
|--|---|
| 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<br>CAV/CLV Combination Mode  | Min. 2.1 MB/s (14X)<br>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 PDH (20% duty)  |
| Regulatory Approval                                  | UL, CSA, TUV, FCC, FDA, CE  |
| <b>Physical Characteristics</b>                      |   |
| Power Requirement                                    | DC + 5V + 12V   |
| Dimensions (W x H x D)<br>(front panel not included) | 5 1/2" (140mm) x 1 1/2" x 8 1/8"<br>146mm x 208.5mm x 42.3 mm                 |
| Load Mechanism                                       | Tray (DR-566)<br>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.