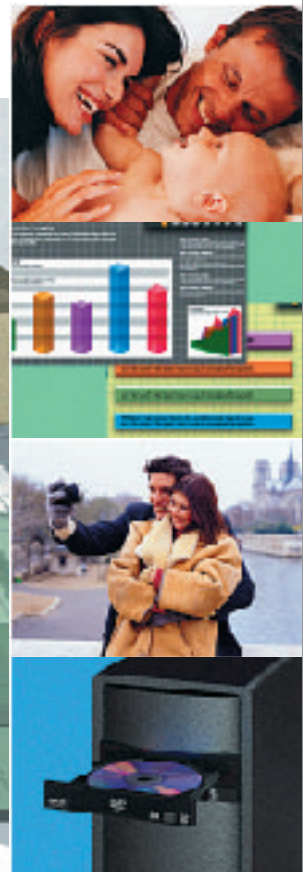


**Pioneer** *sound.vision.soul*



DVR-A07XLA



DVR-A07XLB

**8X8**  
WRITING SPEED  
DVD±R

# DVD±R/RW Writer DVR-A07XL

New Quiet Drive Technology reduces drive's operating noise by up to 15dB (75%) for quieter operation.\*

\* Compared to previous Pioneer model.

**Pioneer Precision Recording Technology for optimized recording quality.**

**Writes:** DVD-R\*, DVD-RW, +R, +RW, CD-R, CD-RW \*DVD-R For General

**Reads:** DVD-R, DVD-RW, +R, +RW, DVD-ROM, DVD-Video, DVD-RAM, CD-ROM, CD-R, CD-RW, CD-Text, CD-DA, Photo CD

**8X DVD±R**  
**4X DVD±RW**  
**24X CD-R**  
**24X CD-RW**



## DVR-A07XL Main Features

### State-of-the-art multiple format writer: 8x DVD ±R writing speed

Pioneer's dual format DVD/CD internal writer records DVD-RW and +RW discs up to 4x speed, and CD-R and CD-RW discs at up to 24x speed. RAM discs can also be read.

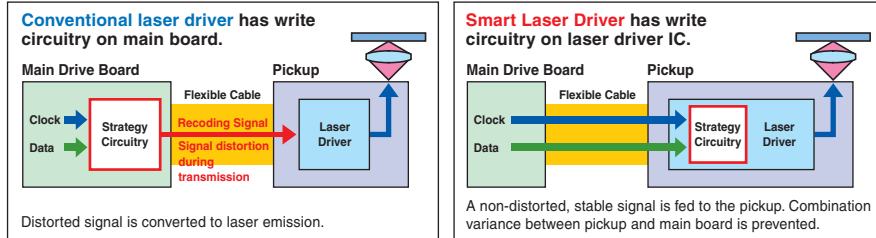
### Precision recording technology

Pioneer's exclusive performance enhancing features ensure high quality recording characteristics and low operational noise.

#### Smart Laser Driver

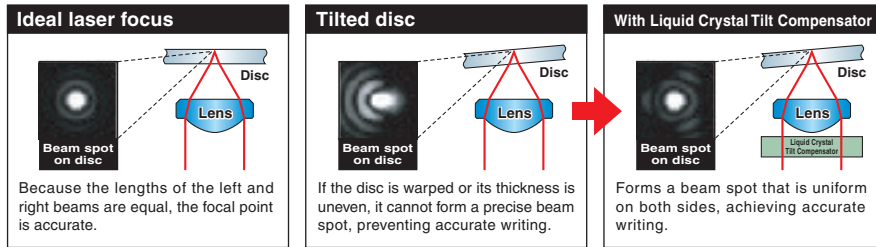
Write strategy control circuitry positioned in close proximity to the writing laser limits signal delay, allowing high quality recording at high speed.

Smart Laser Driver: write circuitry is on the laser driver IC, reducing signal delay.



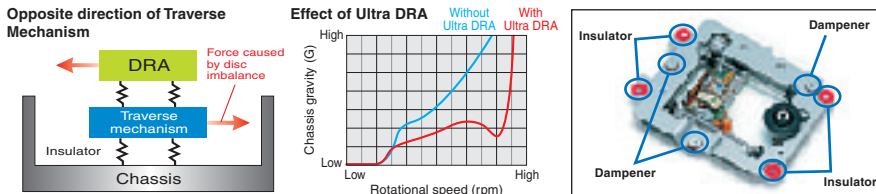
#### Liquid Crystal Tilt Compensator

Provides accurate, reliable read/write performance with a variety of disc characteristics, even with irregularly curved or thick/thin media.



#### Ultra Dynamic Resonance Absorber

Absorbs vibration caused by imbalanced media. Stabilizes media for higher quality writing and quieter read performance even at high speed.



#### Quiet Drive

Operating noise has been reduced up to 75%\* due to internal retooling used in conjunction with the performance adjusting firmware.

\*Compared to previous Pioneer model

#### Performance Adjusting Firmware

Automatically adjusts between Performance mode and Quiet mode. Achieves an ideal solution by lowering disc rotation for quieter drive performance during DVD Video and Audio CD playback, while speeding up for high performance when required.

\*Patent pending

## DVR-A07XL Specifications

|  |                 |   |  |
|--|-----------------|---|--|
| Write Support                                    | DVD             | DVD-R*1, DVD-RW, DVD+R, DVD+RW  |  |
|  | CD              | CD-R 700MB(type 80), 650MB(type74), CD-RW, Highspeed CD-RW, Ultraspeed CD-RW  |  |
| Read Support                                     | DVD             | DVD-ROM, DVD-Video, DVD-R, DVD-RW, DVD+R, DVD+RW, DVD-RAM(Non-cartridge DVD-RAM Version 2.0/2.1 only)   |  |
|  | CD              | CD-ROM(Mode1&2), CD-ROM XA, CD-DA(CD Audio), Video CD, PhotoCD(single/multi-session), CD EXTRA, CD-Text, CD-R, CD-RW                            |  |
| Interface  |                 |   |  |
| PIO Mode4, Multi Word DMA Mode2, Ultra DMA Mode2 |                 |   |  |
| Audio Interface                                  |                 |   |  |
| Analog Audio Output                              |                 |   |  |
| Write Speed                                      | DVD-R           | 8x Zone CLV (8x DVD-R Media)*2, 6x(8x DVD-R Media)*2<br>4x(4x DVD-R Media), 2X, 1X  |  |
|  | DVD-RW          | 4x(4x DVD-RW Media)*3, 2x(2x DVD-RW Media), 1X  |  |
|  | DVD+R           | 8x Zone CLV, 6x, 4x, 2.4x   |  |
|  | DVD+RW          | 4x, 2.4x  |  |
|  | CD-R            | 24x Zone CLV*, 20x Zone CLV, 16x, 8x, 4x  |  |
|  | CD-RW           | 24x Zone CLV(Ultraspeed CD-RW Media)*2, 20x Zone CLV(Ultraspeed CD-RW Media)*2, 16x(Ultraspeed CD-RW Media)*2, 10X(Highspeed CD-RW Media)*2, 4X |  |
|  | Read Speed      |   |  |
|  | DVD-ROM(Single) | Max 12x CAV   |  |
| DVD-ROM(Dual)                                    | Max 8x CAV      |   |  |
| DVD-R, DVD-RW                                    | Max 8x CAV      |   |  |
| DVD+R, DVD+RW                                    | Max 8x CAV      |   |  |
| DVD-RAM  | 2x CLV          |   |  |
| CD-ROM   | Max 40x CAV     |   |  |
| CD-R   | Max 40x CAV     |   |  |
| CD-RW  | Max 32x CAV     |   |  |
| CD-DA(DAE)                                       | Max 40x CAV     |   |  |
| CD-DA  | Max 9.3x CAV    |   |  |
| Video-CD   | Max 9.3x CAV    |   |  |
| Access Time (Random Average)                     |                 |   |  |
| DVD-ROM  | 140 msec        |   |  |
| CD-ROM   | 130 msec        |   |  |
| Seek Time (Random Average)                       |                 |   |  |
| DVD-ROM  | 130 msec        |   |  |
| CD-ROM   | 120 msec        |   |  |
| Data Buffer Size                                 |                 | 2Mbytes   |  |
| Mounting Orientation                             |                 | Horizontal & Vertical   |  |
| Maximum Power Consumption                        |                 | 25.25W  |  |
| Dimensions(W x H x D)                            |                 | 148mm x 42.3mm x 198mm 5-13/16" x 1-11/16" x 7-13/16"   |  |
| Net Weight                                       |                 | 1.1kg 2.42lbs.  |  |

Note: RPC setting

The DVR-A07XL includes Regional Playback Control(RPC Phase II Mode). Region changes can be made up to five(5) times including the initial setting. Be aware that the fifth(5th) change will be PERMANENT. Therefore, please use caution when changing the region code on the DVR-A07XL. The method of changing the region code number may vary on the decoder or operating system used.

\*Cautions

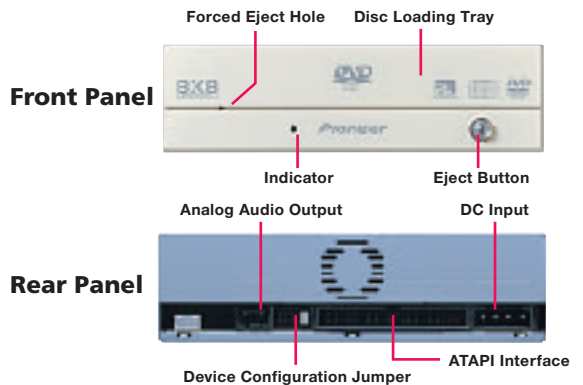
\*1DVD-R Version 2.0 for General only

\*2 Media specific feature Use speed certified media

\*3 DVD-RW Part1 Version1.2 4X-SPEED DVD-RW Revision 2.0

Please note this product does not guarantee writing at write speeds specified on media

## DVR-A07XL Appearance



\*The DVD Forum in 2000 approved the use of the DVD-Video format for recording on DVD-R/DVD-RW discs. On Pioneer's DVD Recorders this is referred to as recording in "Video Mode". Supporting playback of DVD-R/DVD-RW discs with this type of content is optional for manufacturers of DVD playback devices, and there are DVD-Video players, DVD-ROM drive equipped PCs, or other DVD playback devices that do not play DVD-R or DVD-RW discs recorded in Video Mode. \*Abide by the relevant copyright laws when using this product. \*Photo CD is a registered trademark of Eastman Kodak Company. \*To record MPEG videos, a video capture card and hardware or software MPEG encoder device are required. \*To playback DVD-Video, a DVD-compliant MPEG2 hardware or software decoder is required. \*Product design and specifications are subject to change without notice. \*Due to printing limitations, the color of the product photos in this catalog may look different from that of the real product. \*Pioneer assumes no liability for any loss of data when this product is being used.

**Safety Precaution** Read the instruction manual before operating this product.

### Pioneer is a member of the RWPPi (RW Products Promotion Initiative)

The RWPPi is an organization of 58 companies whose goal is to promote and popularize DVD-R/RW products, i.e., products developed on the basis of DVD-R/RW standards governing the recording and playback of DVD discs.

RWPPi website: <http://www.rwppi.com>

\*As of August 2003

**RWPPi**  
RW Products Promotion Initiative

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