

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

DVD-R/RW Writer  
CD-R/RW Writer

# DVR-A04



**Now with greater capabilities!**

**One drive . . .  
One complete recording solution.**

**Writes:** DVD-R<sup>\*1</sup>, DVD-RW, CD-R, CD-RW<sup>\*2</sup>

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



<sup>\*1</sup> DVD-R For General

<sup>\*2</sup> Including High Speed CD-RW

## DVR-A04 Main Features

### ■ Pioneer further improves the combination drive

Having introduced the world's first combination DVD/CD recordable drive, Pioneer now offers the further improved DVR-A04. It provides wider compatibility, higher speeds, lower noise and UDMA33 support. Plus, it can be installed vertically and its depth has been shortened. This means it can now be installed in more types of PC's.

### ■ High speed performance

The higher the quantity of data, the more important the recording speed. Because the DVR-A04 can record at 2X for DVD-R (roughly equivalent to 18X CD-R), you can finish recording in a short time. And now it supports High Speed CD-RW media recording at 4X. What's more, read speed has been boosted to 6X for DVD(single layer) and 24X for CD-R/RW and CD-Audio Extraction.

### ■ Buffer under-run protection for both CD and DVD recording

The DVR-A04 prevents buffer underruns for both DVD and CD media through the use of a unique Loss-less Linking scheme. This saves both time and money by eliminating the most likely cause of wasted media.

### ■ Pioneer's renowned reliability

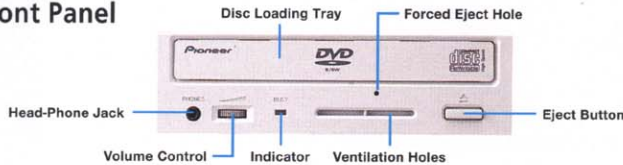


Pioneer DVD drives have won an excellent reputation for long-term reliability. The DVD-A04 is a fourth generation model, and takes advantage of all the technological developments that have gone into our professional DVD products.

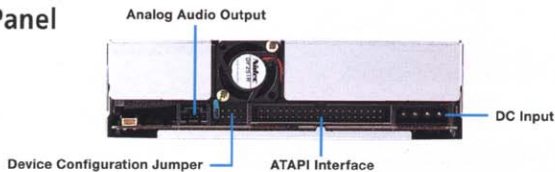
*This two-laser pickup is at the core of the DVR-A04's advanced technology. Separate lasers are used for DVD and CD writing and reading operations.*

## DVR-A04 Appearance

### Front Panel



### Rear Panel



## DVR-A04 Specifications

<b>Write Support</b>	DVD-R (4.7 GB For General disc only*1), DVD-RW, CD-R, CD-RW
<b>Read Support</b>	DVD-ROM single layer/dual layer, DVD-R (all types), DVD-RW, CD-ROM Mode 1, CD-ROM XA Mode 2 (form 1, form 2), CD-TEXT, Photo CD (single and multiple session), CD-DA (Audio CD), CD-Extra, CD-R, CD-RW (Support AM2)
<b>Write Speed</b>	DVD-R 2X-CLV (2.770MB/s), 1X-CLV (1.385MB/s)
	DVD-RW 1X-CLV (1.385MB/s)
	CD-R 8X-CLV (1.200MB/s), 4X-CLV (0.600MB/s)
	CD-RW 4X-CLV (0.600MB/s)*2
<b>Read Speed</b>	DVD-ROM (Single) 6X-CAV (8.310MB/s)
	DVD-ROM (Dual) 2X-CLV (2.770MB/s)
	DVD-R, DVD-RW 2X-CLV (2.770MB/s)
	CD-ROM 24X-CAV (3.600MB/s)
	CD-R, CD-RW 24X-CAV (3.600MB/s)
	CD-Audio 24X-CAV (3.600MB/s) (Audio Capture through ATAPI), 10X-CAV (1.500MB/s) Video-CD 4X-CLV (0.600MB/s)
<b>Access Time (Random Average)</b>	DVD 200 Msec
	CD 180 Msec
*When DVD-ROM Single Layer Disc and CD-ROM Mode 1 Disc are used	
<b>Interface</b>	ATAPI (ATA/ATAPI-5, MMC3, SFFC INF8090 Ver.5)
<b>Data Buffer</b>	2Mbytes
<b>Mounting Orientation</b>	Horizontal and Vertical
<b>Regulatory Approval</b>	UL, CSA, TÜV, CB Report, FIMKO, SEMKO, FCC Class B, FDA, CE Marking, C-Tick, CISPR-22B, Korean EMC, Taiwan EMC
<b>Dimensions (W x H x D)</b>	148 x 42.3 x 197.7 mm 5-13/16" x 1-11/16" x 7-13/16"
<b>Net Weight</b>	1.2 kg 2 lbs.10 oz

\*1 DVD-R For Authoring media (3.95GB or 4.7GB) writing is not supported.  
\*2 High Speed CD-RW media is supported.  
\* DVD-RAM writing or reading are not supported.  
\* Specific application program that supports above format is needed.

## DVD-R/RW Disc (For General)



DVD-R (For Video and Data)  
**DVS-R47A**



DVD-RW (For Video and Data)  
**DVS-RW47B**

\*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 RWPPPI (RW Products Promotion Initiative)

The RWPPPI is an organization of 46\* 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.

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

\* As of August 2001

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