

DVD-V8000 SPECIFICATIONS

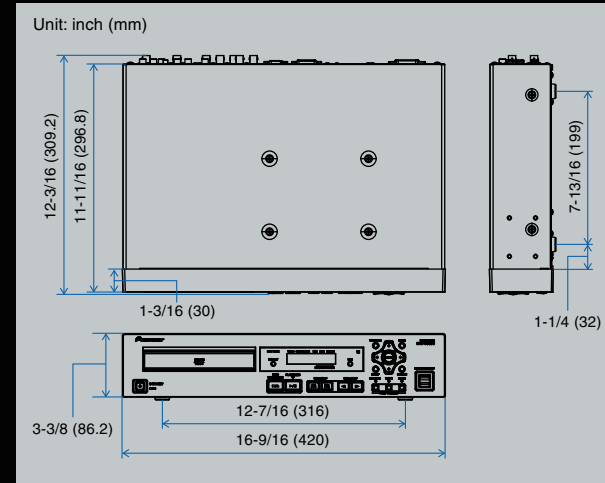
General	Format	DVD-Video (Video, VR), Video-CD and CD-DA		
	Power Requirement	AC 120 V, 50 Hz / 60 Hz		
	Power Consumption	23 W (Playback), 0.8 W (Standby)		
Environment	Weight	11 lbs., 11 oz., 5.3 kg		
	Dimensions (WxHxD)	16-9/16" x 3-3/8" x 12-3/16", 420 x 86.2 x 309.2 mm		
	Operating Temperature	+41°F to +95°F, +5°C to +35°C		
Playable Discs	Operating Humidity	5% to 85% (no condensation)		
	Disc Type	DVD-Video (NTSC/PAL), DVD-R/RW Video mode (NTSC/PAL), DVD-RW VR mode (NTSC/PAL, CPRM compliant), Dual layer DVD-R Video mode (NTSC/PAL), Video-CD (NTSC/PAL), CD-AUDIO, CD-R, CD-RW		
Safety Standards	Safety	UL, FDA		
	Radiation	FCC (Class B)		
Video Signal	DVI-D	Resolution	NTSC : 1080i, 720p, 480p, 480i, VGA PAL : 1080i, 720p, 576p, 576i	
		Terminal	DVI-D 24-pin x1 (HDCP Ver.1.0)	
	Video Output	Output Level	1Vp-p (75 ohms load, synchronous load)	
		Terminal	BNC x1, RCA (Monitor) x1	
	S-Video Output	Y Output Level	1 Vp-p (75 ohms load, synchronous load)	
		C Output Level	286 mVp-p (75 ohms load)	
	Component Video Output	Terminal	S-video jack x1	
		Y Output Level	1 Vp-p (75 ohms load)	
	Signal to Noise Ratio	Pb Output Level	0.64 Vp-p (75 ohms load, NTSC with Black Set up)	
		Pr Output Level	0.64 Vp-p (75 ohms load, NTSC with Black Set up)	
Audio Output	Terminal	Y / Pb / Pr BNC x1		
	Horizontal Resolution	73 dB or more		
Other Connectors	Analog Audio	Audio Output Level	540 lines or more	
		Channels	200 mVrms (1 kHz, -20 dB)	
	Digital Audio	Terminal	RCA x1, Optical x1	
		Output	AC-3, PCM, MPEG, DTS	
	External Sync. Input	Input Level	Black Burst 0.3 Vp-p (75 ohms load) BNC x2 (loop-through)	
		RS-232C Communication	D-sub 15-pin Female x1, D-sub 9-pin Male x1	
	Mouse/Memory	Extended Terminal	D-sub 15-pin Female x1 (This connector can also be used as an RS-232C interface.)	
		Pass Through	USB TYPE-A connector Front x2, Rear x1	
	Functions	Mouse/Memory	Input Level	1 Vp-p (75 ohms load), Composite Video
		Pass Through	Terminal	BNC x1
Other Connectors	Audio Input	Input Level	2 Vrms (0 dBfs) 22 kilohms or more	
		Channels	2 channels (Left , Right)	
Functions	Level Control	Terminal	RCA x1	
	Level Control	- to +6 dB		
Functions	RS-232C Serial I/F	Baud rate	4800/9600/19200 bps (Default Setting: 4800 bps)	
	LCD Front Panel Display	Character	16 character, 2 rows	
Functions	Remote Control Unit	Type	Wireless SR Type	
	TV System	NTSC / PAL		
Functions	External Sync Lock	Black Burst		

* Design and specifications are subject to change without notice.

PLAYER ACCESSORIES

- Remote Control Unit • Dry Battery • Power Cable
- Operating Instructions • Warranty Card

DIMENSIONS



OPTION



This label indicates playback compatibility with DVD-RW discs recorded in VR mode (Video Recording format). However, for discs recorded with a record-only-once encrypted program, playback can only be achieved using the CPRM compatible device.



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DTS and DTS Digital Out are registered trademarks of Digital Theater Systems, Inc.



NSV® (Noise Shaped Video) is a registered trademark of Analog Devices, Inc.



This mark indicates compatibility with Pioneer system remote control.



DVD players and DVD discs have Regional Code classifications that determine their market area and compatibility. Discs and players must have matching codes in order to be played. This player is classed as Regional Code 1.

* All other product names and company names are registered trademarks of their respective owners.



PIONEER ELECTRONICS (USA), INC. Home Entertainment and Business Solutions Group
2265 E. 220th Street, Long Beach, CA 90810 Tel: 310-952-2000 Toll Free: 800-527-3766 Fax: 310-952-2990 URL: <http://www.pioneerelectronics.com/>

PIONEER CORPORATION
4F, Ebisu-East Bldg., 1-13-7, Hiroo Shibuya-ku, Tokyo 150-0012, Japan TEL: +81-3-6408-3928 FAX: +81-3-6408-3804 URL: <http://www.pioneer.co.jp>



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INDUSTRIAL DVD-VIDEO PLAYER
DVD-V8000



Pioneer's new industrial DVD-Video Player featuring improved durability, higher reliability, and better picture quality, plus many functions that make it the best choice for professional users.

Video exhibits in museums and art galleries. Sales promotions in showrooms and stores. Information displays in shopping malls, building lobbies and airports. Training and education in businesses and schools. For all these applications and more, the DVD-V8000 is the ultimate DVD-Video Player, providing outstanding durability, reliability and image quality, as well as a wide range of extremely convenient functions. To ensure superb picture quality, it employs a high performance video DAC, digital noise reduction and digital filters. In addition to conventional analog video terminals, it provides a DVI-D digital video terminal for high quality digital video reproduction. Built for professional use, it features previous Pioneer functions like Frame Search, Power On Start, RS-232C Control and External Sync, as well as new user-friendly ones such as Monitor Output, Pass Through and a Command Stack GUI. Measuring 16-1/2" (420mm) wide and 3-3/8" (86.2mm) high to neatly fit on a 19-inch EIA rack, it has a large LCD display and a cross-shaped cursor key on the front panel, making it even easier to use. Two USB interface jacks are conveniently located on the front of the player and another on the rear. These can be used to connect a USB mouse for menu selection or a USB device to store and load data.



INDUSTRIAL DVD-VIDEO PLAYER **DVD-V8000**



Packed with Features that Make Operation Easy and Convenient for Any Type of Application

Successor to the widely popular DVD-V7400, the DVD-V8000 offers an even more impressive array of useful functions. Its wide range of operational modes ensures that for any type of application, including multi-player configurations, you can set up your system to operate just the way you want it to.

■ High Durability and Reliability

We know that durability is a major consideration, and we have insured that the new DVD-V8000 is our most rugged industrial player. The drive components are sealed to protect the optical parts from dust, a brushless spindle motor is used for the disc drive, and a stepping motor is employed for the optical drive. These are some of the features that make the DVD-V8000 the standard for professional use.



■ Superior Image Quality

Pioneer video expertise ensures high quality image reproduction with the use of a 12-bit/216MHz video DAC, digital filters and digital noise reduction technology. DVI-D digital video connectors (compliant with HDCP Ver. 1.0) allow the output of high-definition digital images. From signal input handling to final output, the entire process is fully digital.



Full Digital Processing



■ Frame Search

The random access, frame accurate search function is a flagship feature of Pioneer industrial DVD-Video players. The ability to search, cue and stop video playback based on frames, offers the precision required by many high performance application environments. Especially when multiple players are synchronized and playing content simultaneously. Search times are extremely fast, and when controlling the player via RS-232C you can easily pre-define playback between two specific points, followed by automatic stop.



INDUSTRIAL DVD-VIDEO PLAYER DVD-V8000



■ External Sync Playback

Another professional feature that lets you apply a black burst sync signal and loop through the External Sync terminals for clean switching with other video sources. This also allows frame synchronization when playing video from multiple players.

■ Command Stack with New GUI

The DVD-V8000 features a new GUI that makes Command Stack operations easy to create and execute. This is a convenient tool for demonstrations and display presentations. You can save video playlists which then automatically control playback via stacks of linked instructions.



■ Convenient Timer/Power On/Off Functions

You can use the timer function to set the player for power on, standby/off, and disc playback at designated times or on designated days of the week. Programmed playback of certain video segments is also supported by this function in conjunction with the Command Stack feature. The weekly timer function lets you set up to 24 power on/off times on any single day.

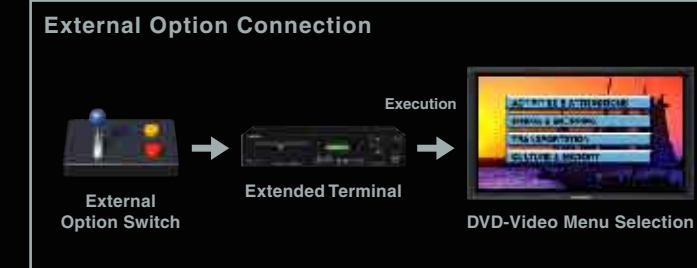
■ RS-232C Interfaces

The DVD-V8000 has two RS-232C connectors, a 15-pin and a 9-pin. Commands from a computer or custom controller input via RS-232C can be used to control the player and playback of DVD-Video, Video CD and CD Audio discs.



■ Extended Terminal

The 15-pin connector also serves as an Extended Terminal, with pins allocated for use as optional external switch functions. By connecting switches to these pins, DVD-Video menus can be selected, command stacks executed, and most remote control operations can be performed.





DVD PLAYER
DVD-V8000

INDUSTRIAL DVD-VIDEO PLAYER **DVD-V8000**

MOUSE/MEMORY



■ Multifunctional USB (MOUSE/MEMORY) Interfaces

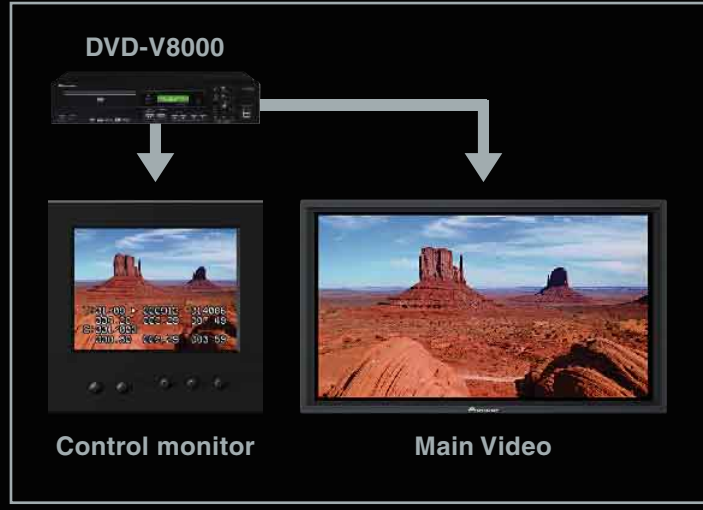
The three USB interfaces can be used connect a mouse to select on-screen buttons and control the player. A USB memory device can be used to save and load player settings and command stack data, which

is a time-saving convenience when multiple players must be identically configured. Some USB pen tablets also support the draw feature.*



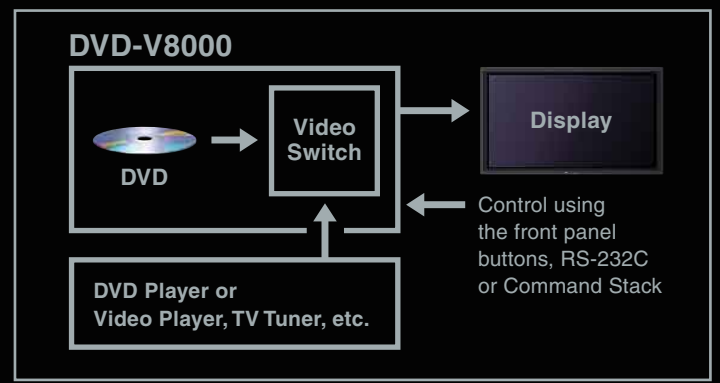
■ Monitor Output

A monitor video output is available which allows the operator to review on-screen information about the active video, such as time, chapter and title points. This on-screen information is not displayed on the main video outputs for composite, component, S-Video and DVI-D.



■ Pass Through

The DVD-V8000 is equipped with input connectors for composite video and analog audio inputs. You can connect another video device to these inputs and switch the player's output between the DVD and the external source using either the front panel buttons, RS-232C commands or the Command Stack function.



■ NTSC/PAL Dual Compatibility

You can play discs in either the NTSC or PAL standard formats.

Rear Panel



*Not all pen tablets are compatible with the Pioneer DVD-V8000.