

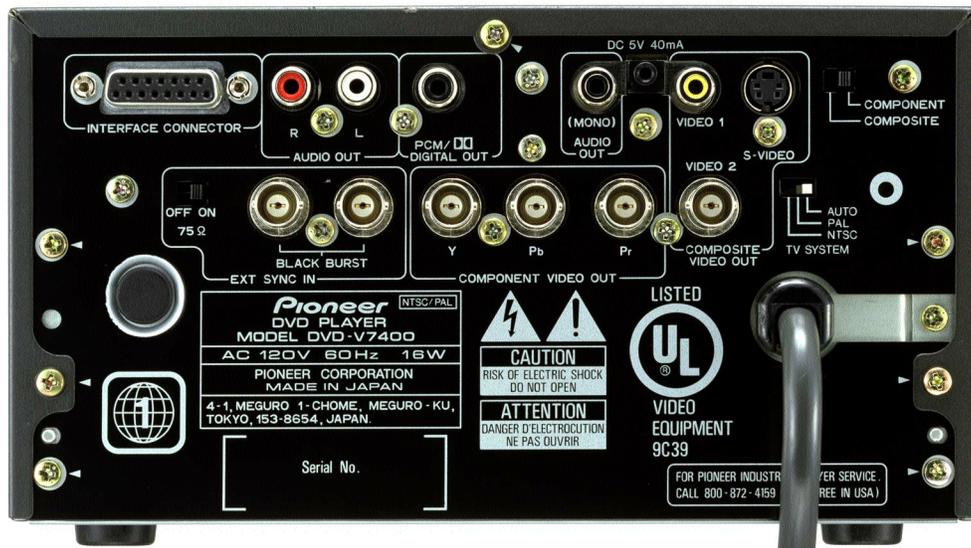
PIONEER

Industrial DVD-Video Player

DVD-V7400

COMPACT, VERSATILE AND HIGHLY DURABLE, PIONEER'S NEXT GENERATION PLAYER IS DESIGNED TO MEET THE NEEDS OF DVD PROFESSIONALS.

Pioneer's amazing new DVD-V7400 brings together the highest level of reliability and versatile functions demanded by industrial DVD-Video users in a compact, lightweight and easy-to-operate player.



Pioneer launched the world's first true industrial DVD-Video player and remains the world's leading DVD player manufacturer. Pioneer's latest model, the new DVD-V7400, is the top-of-the-line industrial DVD-Video Player on the market today. Designed for applications that require reliability in rigorous operating environments, the DVD-V7400 is a significant improvement over conventional industrial-use models.

Pioneer launched the world's first true industrial DVD-Video player and remains the world's leading DVD player manufacturer. Pioneer's latest model, the new DVD-V7400, is the top-of-the-line industrial DVD-Video Player on the market today. Designed for applications that require reliability in rigorous operating environments, the DVD-V7400 is a significant improvement over conventional industrial-use models.

To ensure easy operation, all major functions can be accessed via a newly designed wireless remote or optional wired remote. In addition, most user interface functions, such as on screen menu buttons, can be accessed via a standard PS/2 mouse which connects directly to the front panel of the player. To round off the package, Pioneer has added compatibility with DVD Barcode™ and LaserBarcode™ control systems.

Pioneer has also built in playback compatibility for both NTSC and PAL video standards. The following disc formats and disc media formats are supported:

Multiple Disc Formats

- * Video CD
- * CD-DA
- * DVD-Video
- * DVD Hybrid (DVD-Video segments)

Multiple Disc Media

- * CD-R
- * CD-RW
- * DVD-R

The player also adds component video and DTS audio stream outputs to the host of other hardware connections.

High Reliability -- Equipped with a high-performance brushless spindle motor combined with a heat and dust resistant enclosure, this player is designed for use in tough environments. The DVD-V7400 offers the high level of durability that industrial applications demand.

Compact and Lightweight -- The DVD-V7400 has a small foot-print and takes up little space on a desk, shelf or store counter. For multiple player installations, two players will fit side-by-side in a standard video rack system. Weighing only 10 lb. 6 oz. (4.7 kg), the player is easy to transport. Measurements: 8-1/4"(W) x 4-11/16"(H) x 16-1/16"(D) (210 x 119 x 408 mm).

Hardware Connections -- The DVD-V7400 features an expanded range of hardware connections, including component video output BNC terminals (Y, Cr, Cb), two composite video outputs (BNC/RCA) and an S-Video connector.

Mouse Control -- By connecting a standard PS/2 mouse directly to the front panel of the player users can perform a variety of operations including menu selections (during DVD video playback), player control and set up, similar to operating a computer with a mouse.

Interface Options-- The DB-15 computer interface connector provides additional signal lines that allow simple external switches to select DVD menu items or execute Barcode Stack/Command Stack functions. For example, with a simple contact closure switch, 70 separate commands including Play, Pause, etc., can be performed. This allows sophisticated custom control from a simple and inexpensive user input device.

RS-232C Control -- The DVD-V7400 is equipped with an RS-232C terminal that enables connection to an external device such as a computer or custom controller. The player's mnemonic command protocol is backward compatible with Pioneer's other industrial LaserDisc and DVD-Video players. This compatibility makes it possible to use LaserDisc control programs with little revision and to control features unique to DVD, such as multi-angle and sub-picture.

DVD Barcode -- With DVD Barcode, video and audio playback control can be achieved by scanning printed barcodes with the optional barcode reader. In addition, DVD Barcode is fully compatible with the LD Laser Barcode system™, so the same barcode reader can be used for both DVD and LD discs.

Touch Screen Support --The DVD-V7400 supports X-Y coordinate RS-232 commands that allow it to be directly connected to special video monitor touch screens (available through 3rd party developers). This feature makes the DVD-Video player with touch screen integration a reliable and cost-effective interactive display for use in museums, art galleries, shopping malls or hotels.

User Response Tracking -- The DVD-V7400 is able to track user selections and store the data in the player's non-volatile Flash RAM. The data can then be retrieved to evaluate user selections and preferences. This feature is perfect for kiosk and point of purchase & information installations.

Wireless and Wired Remote -- Control For extra flexibility, users can operate the DVD-V7400 using the wireless remote control accessory or the optional wired remote control unit.

Faster Searches & Seamless Frame Searches -- The DVD-V7400 features an advanced frame search function that offers the precision of random access, frame accurate search required in many industrial applications. Compared with the previous 1st generation product, the DVD-V7400 cuts average search times in half (depending on the search point). Moreover, all frame search operations are now completely seamless with the player's expanded video buffer.

External Sync Playback -- An external black burst sync signal can be applied and looped through the EXT SYNC IN/OUT terminals to enable clean switching with other video sources and frame synchronization when using multiple players.

Barcode Stack/Command Stack -- This function allows the user to save video play lists into the player's non-volatile flashram (up to 300 command lines, organized in up to 150 groups) for automatic recall and display. Playback of single commands or stacks of several linked commands is possible. Users can input command sequences via remote control, barcode reader or RS-232C control.

Video Blackboard -- With a standard PS/2 mouse users can draw over video to illustrate key images on the screen. Graphics can be created over still or moving video images. The user can add free-hand and pre-defined graphic objects in eight colors and enter text using a standard PS/2 keyboard. Video in & out points can be saved in the player's memory to enable automatic or special display of graphics and text during video playback.

Weekly Timer and Power ON -- Start

This function lets you simultaneously set the player's ON and OFF times and set particular video segments for playback on each day of the week. For added flexibility, the timer memory in the DVD-V7400 has been expanded to accommodate up to 24 events per week. Users can distribute the commands throughout the week as required by their specific application. Also, it is now possible for the player to immediately display the DVD disc's first-play menu upon Power ON Start. This unique function is ideal for exhibits, point-of-purchase & information, and retail display applications.

SPECIFICATIONS

MTBF	37,000 hours *100% Duty Cycle
Disc Types	DVD-Video, Video CD, CD-Audio
Disc Media Types	DVD-R, CD-R, CD-RW
Component Video Output	Yes Y, Pb, Pr (BNC Connectors)
NTSC/Pal Video Playback	NTSC & PAL
S-Video Output	Yes
Composite Video Outputs	Yes BNC & RCA
Digital Audio out	DTS/Dolby Digital/PCM
User Response Tracking Data	Yes Stored in NV-RAM
PS/2 Mouse control & Keyboard INterface	Yes
Video Blackboard	Yes Can Save Graphics to NV-RAM
Random Access Frame Accurate Search capability	Yes 1.5 Seconds Average** no Video Squelch
DVD Barcode	Yes
LaserBarcode2 Compatible	Yes
Barcode/Command Stacks	Yes Stored in NVRAM
Power On Start	Yes

Weekly Timer Yes 7 Days /24 Events

Contact Closure Switches For Custom Kiosk Controllers Yes

Expanded Command Set Yes

RS-232 interface port Yes DB-15

On Screen Player Control Yes includes Menu & Set-up Buttons

Text Retrieval Yes

External sync Yes NTSC & PAL Black burst

Power Consumption 16 W(0.5W in stand-by mode)

RF A/V Output (Ch. 3 or 4) Yes Modulator Optional

Front Panel Headphone Jack & Volume Control Yes

Tray Lock Yes

Anti-theft provision Yes

Small footprint chassis 8 1/4 W x 4 11/16 H x 16 1/16 D 10 lbs. 6 oz.

Rack Mount Kit Optional

** Based on Pioneer New Media Technologies' lab tests, this is not a factory spec. Search times may vary depending on the disc and type of search.