

Pioneer *sound.vision.soul*

DVR-7000 DVD Recorder



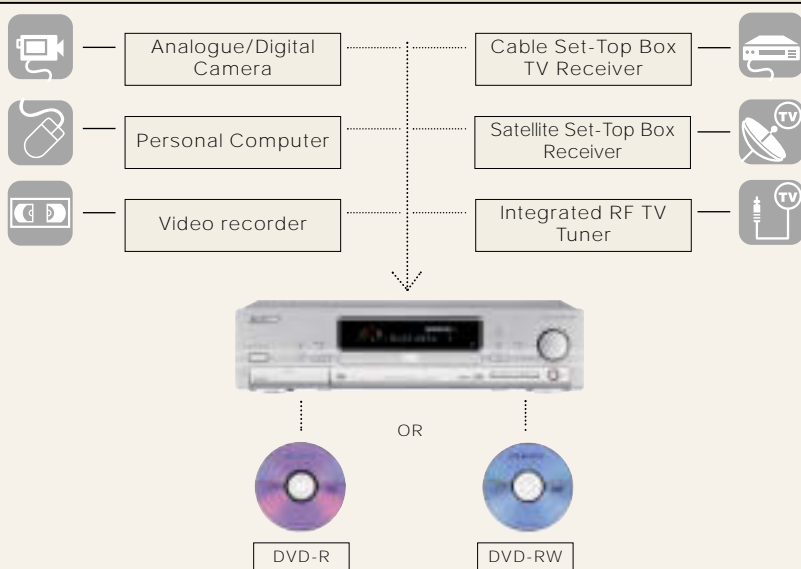
Move over, tapes. The DVD Recorder is taking

Digital recording with DVD discs is technology's newest wonder. Pioneer's DVR-7000 puts it in your hands today. At last, you can keep home movies as vibrant as when you shot them. Edit them to professional-quality standards. Even do the same with your digitally-splendid TV recordings. You can't get any of this with VCR tapes, but it's yours — and more — with the DVR-7000. With your own recordings on DVD-R and DVD-RW discs, you'll enjoy high quality images and dynamic sound. They stay spectacular, too, without fading or turning fuzzy. You can use random access — just as with CDs — to get to any scene instantly — no more winding or rewinding tape. Moreover, unlike bulky videocassettes, DVD discs save you space. Best of all, the DVR-7000 integrates a host of Pioneer-only advanced features yet it's super easy to use. So move up to the revolutionary DVR-7000. It's leading the way in digital recording.



over.

EASY RECORDING FROM A VARIETY OF SOURCES





Claim your share of the future today.

An unmatched heritage in optical disc technology.

It's no surprise the DVR-7000 is out front when you look at the history behind it. In 1980 Pioneer launched the first laser disc player — two years before the audio CD. In 1996 we scored another hit with the first DVD player. In 1999 home entertainment changed forever with Pioneer's introduction of the first DVD recorder. As a member of the DVD Forum Pioneer supports a global standard for DVD recording. Pioneer's heritage in optical disc technology is unmatched.

DVDs evolved the same way as CDs.

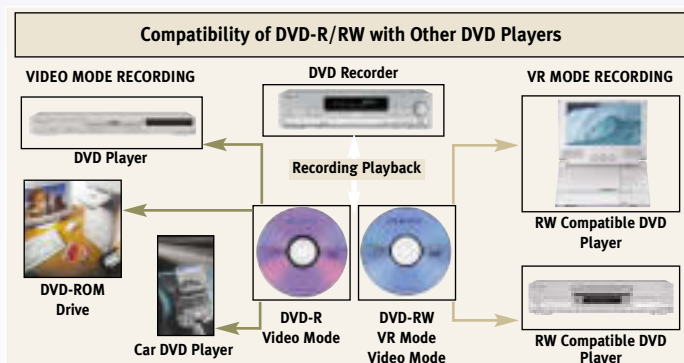
RW
COMPATIBLE

DVD discs measure just 12 cm — the same as CDs — yet they feature a massive 4.7 GB storage capacity. DVD-R discs can be recorded only once in Video Mode, to record digitally but with limited editing facilities. DVD-RW discs can be used to record, erase and re-record up to approximately 1,000 times in either Video Mode or Video Recording (VR) Mode. In Video Recording (VR) Mode you can edit DVD-RW discs. Both are the global standards adopted by the DVD Forum.



Two recording modes for immeasurable enjoyment.

Which mode should you record in? Depends. Both are superb, each offers distinct benefits. Video Mode records one or two hours on a DVD-R or DVD-RW disc and do basic edits. With DVD-R discs, there's no physical erasing. With DVD-RW, you can re-initialise. Recordings made in Video Mode by DVR-7000 play back on many existing DVD-video playback systems. Video Recording (VR) Mode can record up to six hours on a single DVD-RW disc, and you can carry out advanced post editing. DVD-RW discs recorded in Video Recording (VR) Mode play on "RW Compatible" players from Pioneer and other manufacturers.



The quality you want. The choice you deserve.

Only Pioneer lets you fine-tune video recording quality so exactly.

Short recording time allows higher image quality compared to long recording time. This is possible in Video Recording (VR) Mode with DVD-RW discs. Pioneer offers no less than 32 steps, combining variable bit rate recording with the best matching resolution. Record for one hour and you get prime image quality. Go up to six hours of video footage on one disc and picture quality is on par with that of tapes. You can also select the level closest to program length. The higher the level, the shorter the recording time and the higher the image quality. With more levels to choose from, you're assured of optimum recording quality for your program. In Video Mode, there's either V1 for one hour high-quality recording or V2 for two hours of recording. Both leave tape far behind.



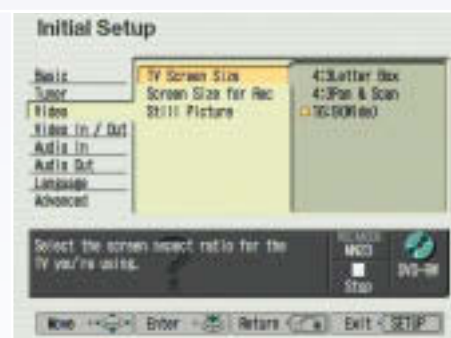
Astonish them with your perfectly-edited home movies.

Great home movies aren't born great — they're edited that way. Only the DVR-7000 makes advanced editing so easy. You can record and erase scenes as well as cut and paste within your personalised playlists. All that — and more — is possible with DVD-RW discs in Video Recording (VR) Mode. You can even take your show on the road — it plays on any "RW-Compatible" player.



Maximum enjoyment. Minimum fuss.

You don't need advanced technical know-how to use the DVR-7000. On-screen help with the Advanced Graphical User Interface (GUI) leads you right into the fun. Record at the touch of a button. Edit with the remote controller and easy-to-follow menus. In Playback, you enjoy an array of versatile features. Everything is spelled out for you on the screen. In fact, basic operation is so clear and streamlined, you'll use the manual simply to stretch your digital video pleasure to the extreme.



You'll be amazed how quickly you master it.

DVD Recording

A quantum leap over tapes.



However you compare them, digital recording is superior to VCR tape. As keepsakes of your precious memories, DVD videos of camcorder footage last and last — many years from now, images look as brilliant as the day you shot them. DVD recording delivers incomparably brighter, more natural colour than VCR tapes. Details look crisper, and audio sounds more dynamic. Operation? DVR-7000 recording outperforms tapes hands down. You can source many devices, analogue or digital (DV).

No Cueing.

Tapes make you wind and rewind for the right spot to start recording. The DVR-7000 finds it for you. Insert a disc and the DVR-7000 automatically scans recorded content, then starts recording at the first available location. You'll never accidentally overwrite your favourite program again.

One-Touch Recording.

Just press the REC button to start recording for thirty minutes. Each time you push, you add another thirty minutes. That means for a full two hours' recording, you simply push four times. It's that straightforward.

Two Convenient Recording Modes.

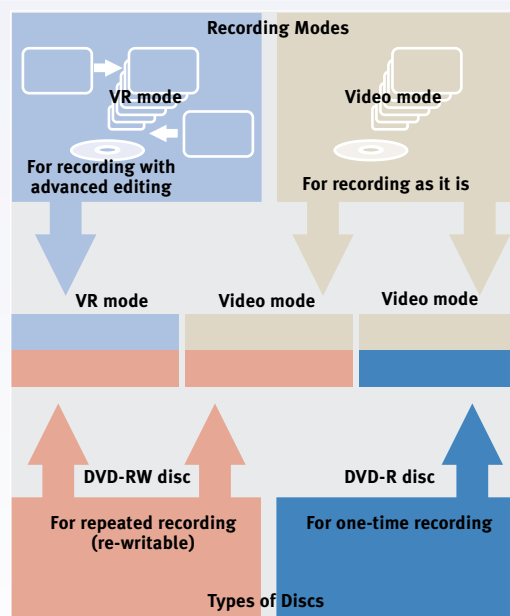
Both the Video Mode and Video Recording (VR) Mode are based on MPEG compression technology for real-time recording of high quality images.

VIDEO MODE

Using DVD-R and DVD-RW discs, you can record 1 or 2 hours on one disc. You can playback the discs recorded by DVR-7000 on many existing DVD-Video playback systems.

VIDEO RECORDING (VR) MODE

Using DVD-RW discs, you can record 1-6 hours depending on desired picture quality. Pioneer offers no less than 32 steps, combining variable bit rate recording with the best matching resolution. Advanced editing is possible. Playback is on "RW-Compatible" players only.



From recording to editing to playback, the DVR-7000 offers so much you might think it's complicated to use. Not at all – Pioneer's cutting-edge technology makes this new format user-friendly. It's all part of the Pioneer commitment to bring the finest digital recording to everyone, young and old alike.

Automatically optimised recording time.

Let the DVR-7000 make the setting for you. With Best-Rate Recording, you automatically get the best quality recording linked to the available disc space.*

* Not available with PDC/VPS/ timer recording.

Easy Recording Features from a variety of Sources.

With the Pioneer DVR-7000, the recording fun never runs out. Look at all you can do. Record from your digital camcorder. Transfer your existing video tape library. You can even make DVD recordings of TV/satellite broadcasts.



RECORD FROM A DIGITAL OR ANALOGUE TV TUNER

The DVR-7000 is crammed with features for smooth recording from terrestrial or cable TV. It records digital broadcasts from a connected set-top box or TV with integrated digital tuner. Using the ShowView number of the ShowView® system the recording date, start, stop, time and channel settings are done automatically for you. You can programme up to eight TV events up to one month in advance. Be sure to catch the beginning and end of your favourite movie with PDC (Programme Delivery Control)/VPS. Even dedicate a single disc to a specific programme with Disc Timer recording. You simply encode the instructions on the disc, insert it, and recording is done automatically.



Note: This DVD Recorder features an integrated TV tuner that is capable of handling analogue TV broadcasting signals via the "RF antenna input" according to the following TV standards: PAL B/G – PAL I – SECAM L. Please consult your local dealer for further information regarding TV broadcasting reception details in your area. The specifications of the integrated TV tuner do not restrict the ability of this DVD Recorder to accept PAL/SECAM video via its "analogue video inputs" from other sources, for example, set-top box TV receivers, or via the digital i. LINK input.

RECORD FROM A DIGITAL CAMCORDER (DIGITAL A/V INPUT) VIA I. LINK.*

Dubbing from digital sources to DVD discs is simplicity itself. Just connect your camcorder to DV IN/OUT connector on the front of the DVD recorder, and use the remote controller – and Pioneer's easy-to-use GUI – to control both machines. You can dub, playback, pause, fast forward, and rewind. To temporarily restore some of your home-made DVDs to your camcorder, plug into DV IN/OUT connector and you're ready. One DV cable is all you need to input/output A/V data and control signals.



You can connect to the DV IN/OUT connector a DV camcorder/deck (some models of camcorders/decks may not be supported). You cannot make a connection using the DV IN/OUT connector of the DVR-7000 to a Digital VHS video recorder because of signal format incompatibility.

* The i. LINK interface is also known as IEEE 1394-1995. "i. LINK" and the "i. LINK" logo are trademarks.

Note: If the source DV tape contains post-recorded audio, either original audio (Stereo 1) or post-recorded audio (Stereo 2) will be dubbed on a DVD.

RECORD FROM ANALOGUE A/V SOURCES

Own a regular VCR or analogue camcorder? Pioneer looks out for you, too. Make sure there's no further deterioration or quality loss for your favourite movies and memories. Cable IN to the DVR-7000 and beautiful digitally-recorded versions are yours.



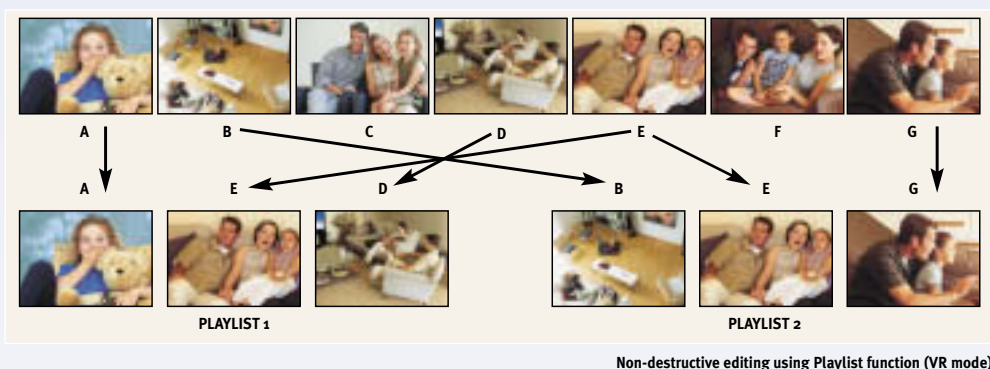
Easy, expert Editing. Another Pioneer plus.



Make your home movies more entertaining. Adapt playlists and the playback order of various scenes. Erase unwanted footage. Access scenes with uncanny accuracy. With DVD-RW discs in Video Recording (VR) Mode, Pioneer makes advanced editing effortless.

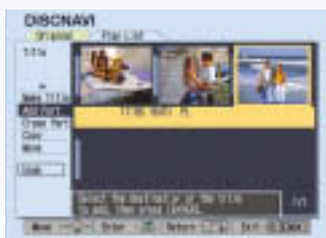
Numerous editing functions in video recording (VR) mode.

Forget multiple video decks. Turn your movie into a masterpiece using only your remote controller. Pioneer's GUI helps you each step of the way. Call up the DiscNavi (Disc Navigation) screen and here's every advanced editing function — add, erase, move, copy, combine two chapters, undo last edit, and more, in the playlists. DiscNavi is where you access your original content. It's also where you build a playlist based on the original content. You can erase all or part of the original and free up extra recording time. Or leave it as it is and play around with the playlists. You can watch where your edits start and end on screen. Preview final results. Even make multiple playlists based on the same content — one for the family, another for friends. The DVR-7000 plays back whatever is on your playlist, keeping your original content intact.

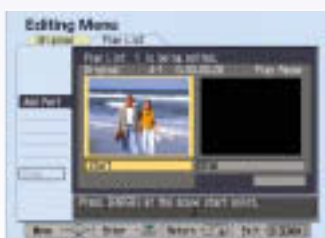


Finally, Frame accurate editing.

Say goodbye to fumbling with tapes. To look good, you need precision. That's what you get with DVD-RW discs in Video Recording (VR) Mode. DiscNavi lets you define exactly where you want to add — or delete — a part. You pick the very frame where editing starts and the one where it ends. Then select OK and it's done. Now that's what you call super control.



Choose where to insert the new part at exactly the frame you wish.



Define the start point of the part by selecting exact frame.



Define the end point of the part by selecting exact frame.



When you're done, select OK to add the part.

DVR-7000 Playback.

Truly, a polished performance.



The DVR-7000 is not only a remarkable recorder, it's a fabulous Pioneer DVD player, too. You'll love the many ways it makes playback a breeze. You'll thrill to the peerless pleasures of home cinema. Need we add — it plays a full range of digital discs as well.

All the features of a Pioneer DVD-Video player.

With this gifted Pioneer performer, you enjoy full-fledged home cinema. Connect the DVR-7000 to a Dolby Digital/DTS compatible amplifier/receiver and a multi-channel AV Surround speaker system. Now you're ready to immerse yourself in the incredible surround sound and special effects of all the latest flicks. To raise your pleasure quotient to the max, it plays CDs, CD-R and CD-RW discs, and Video-CDs, too.*

* Dolby Digital/DTS/MPEG/DVD-Video discs.



* Note: CD-R and CD-RW discs may be read on the condition that they comply to the applicable Orange Book standards, and have been recorded with data that adhere to the applicable Red Book (CD-DA) or White Book (Video CD; version 2.0) formats. Both CD-R and CD-RW discs which are recorded by music CD format can be reproduced. Discs may not be reproduced because of the following reasons: recording characteristics of recorder, characteristics of disc, scratch and dust on disc, dust and condensation on pickup lens. Unfinalised discs can be reproduced (however, because the TOC — table-of-contents — information is lacking, time display may not be shown).



Find what you want to watch quickly and easily.

You'll appreciate how the DVR-7000 shows you what's recorded at a glance. Using DiscNavi in Video Recording (VR) Mode, you call up on-screen thumbnails of still-frames from each title and even chapters within titles. Just select the thumbnail you want and push Playback — that's it. So much faster and more agreeable than winding or rewinding tapes.



Versatile Playback Functions.

Navigate through your recorded discs with enviable speed and ease. To scan contents, you can zip fast-forward as well as fast reverse in up to four steps. You can skip titles, pause, view in slow motion, repeat, and program your playback.



Thoughtful touches. Lavish technology.

New easy-to-use GUI.

Pioneer's Advanced Graphical User Interface — GUI, for short — with on-screen guidance makes every operation smooth and uncomplicated. GUI operates in five languages. It works via your joy-stick remote controller to perform key moves intuitively. Another plus — Pioneer includes instructive on-screen help messages.

TV Tuner supporting all major Video Programming Systems.

SHOWVIEW™

The built-in tuner records broadcasts off the air just like a VCR. It offers you the same convenience of the ShowView system* and PDC/VPS*. Just use the Auto Channel setting to tune into the channels in your area, then input your program's code. The DVR-7000 automatically makes the reservation.

* Available depending on area.

Picture Quality Adjustment Features.

With Picture Creation, you can adjust picture quality to your taste for both recording and playback. When recording from the built-in TV tuner and external inputs, you can control such parameters as luminance and colour signals, motion, still quality, and sharpness. That means you can even make images from an old video tape look better when you dub it to a disc. To optimise playback, the DVR-7000 lets you customise settings from a wide range of choice — including motion, colour, detail, sharpness, video noise reduction, and more.



An Advanced MPEG Video Encoder.

When it comes to stunning video, Pioneer outshines. Advanced encoder technology is why. By combining Single-Pass Variable Bit Rate Control with Multi-Resolution, the DVR-7000 can perform ideal video image compression encoding. The result? Dramatically improved picture quality. Multi-Resolution technology utilises three-quarter and two third resolution settings, in addition to full- and half-resolution. In Video Recording (VR) Mode, this allows for a less abrupt change in quality when selecting a longer recording time.

Best Level Video/Audio Output.

Pick the video output that best matches your playback environment. Choose between Y'P_B 'P_R component output (cinch triplet) or RGB (SCART). Audio output includes both optical and coaxial digital outputs.

RECORDING FORMATS AND PLAYBACK COMPATIBILITY

"DVD-Video format" recording:

The use of the DVD-Video format for recording on DVD-R and DVD-RW discs is referred to as recording in "Video Mode" on Pioneer DVD Recorders. Supporting playback of DVD-R/DVD-RW discs is optional for manufacturers of DVD playback equipment, and there is DVD-Video playback equipment that does not play DVD-R or DVD-RW discs recorded in the DVD-Video format.

Note: "finalisation" is required.

"Video Recording (VR) format" recording:

The use of the VR format for recording on DVD-RW discs is referred to as recording in "VR Mode" on Pioneer DVD Recorders. DVD-RW discs recorded in the VR format can be played back on Pioneer's and other company's players that feature the "RW Compatible" indication.

RESTRICTIONS ON VIDEO RECORDING

You cannot record copy-protected video using this recorder. Copy-protected video includes DVD-Video discs and some satellite broadcasts. If copy-protected material is encountered during a recording, recording will pause or stop automatically and an error message will be displayed on-screen.

Video that is "copy-once only" can only be recorded using a DVD-RW disc in Video Recording (VR) Mode with CPRM (Content Protection for Recordable Media).

WHAT IS CPRM?

CPRM is a copy protection system with scramble system regarding the recording of "copy once" broadcast programs. CPRM stands for "Content Protection for Recordable Media". This recorder is CPRM compatible, which means that you can record copy-once broadcast programs but you cannot then make a copy of those recordings. CPRM recordings can only be made on CPRM-compliant DVD-RW discs formatted in Video Recording (VR) Mode, and CPRM recordings can only be played on players that are specifically compatible with CPRM.

RECORDING EQUIPMENT AND COPYRIGHT:

Recording equipment should be used only for lawful copying, and you are advised to check carefully what is lawful copying in the country in which you are making a copy. Copy of copyright material such as films or music is unlawful unless permitted by a legal exception or consented to by the rightowners.

Now you can get all you want in video digital recording, editing and playback, including much more you never before imagined. The DVR-7000 embodies decades of forward-looking technology and the proud Pioneer tradition of excellence. For you, that translates in outstanding user-friendliness, utmost convenience, and superlative vision and sound.

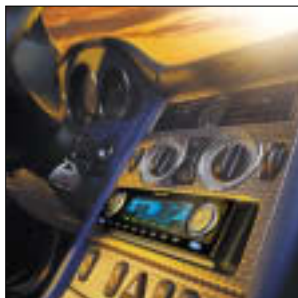


DVR-7000 Features

Miscellaneous		GUI	
Size	420 x 373.5 x 107 mm	Several languages*	• (English, French, German, Italian, Spanish)
Region	2	Others	
Power Consumption in stand-by mode	1.5 W (FL Off)	Program Memory	•
Weight	7.0 kg	Accessories	
Front Panel		Remote Control Unit	•
Material	Aluminum	Battery	•
VIDEO		Power-cable	•
DNR	•	Audio-cable	•
Mosquito Noise Reduction	•	Video-cable	•
Block Noise Reduction	•	RF-cable	•
Fine Focus Digital Filter	•	SCART-cable	• (Full)
REC-Format	PAL (625/50)	Connections Terminals	
Playback-Format-Video	PAL/NTSC	SCART RGB/S-Video/Composite	Rear: AV1 (out)
Playback-Format-VR	PAL/NTSC	S-Video/Composite	Rear: AV2 (in/out)
INPUT-Color System	PAL/SECAM	Component Y/P _B /P _R Video	Rear: 1 (out)
OUTPUT-Color System	PAL/NTSC/PAL-60	S-Video	Front: 1 (in)
AUDIO			Rear: 1 (in)/1 (out)
96/24 DAC	•	Composite Video	Front: 1 (in)
OTHERS			Rear: 1 (in)/1 (out)
PDC/VPS	•	Analogue Audio L/R	Front: 1 (in)
ShowView	•		Rear: 1 (in)/1 (out)
ANTENNA		Digital Audio Optical	Rear: 1 (out)
Antenna-IN	•	Coaxial	Rear: 1 (out)
Antenna-OUT	• (Through)	DV	Front: 1 (in/out)
Nicam	•	Antenna	Rear: 1 (in)/1 (out/through)
TV-System	PAL-B/G, I, SECAM-L	Pioneer System Remote Control	Rear: 1 (in)/1 (out)

* Available in English, French, German, Italian, Spanish.

Forget yesterday's limits, this is tomorrow's technology, Pioneer style.
So surround yourself with Pioneer – at work or play. You'll come alive. We promise.



Hard Disc Drive
CD Tuner



Plasma TV



DJ
Products



Computer
Hardware

The excitement's all there – and more – @

<http://www.pioneer-eur.com>

Drop by soon!

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