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For Section 3, DVD Players & Recorders, use Quick Dial #: 813
JVC

DVD Players

JVC’s DVD players offer high-end video performance with style and convenience. Sporting an ultra-slim profile and stylish design the **XV-N332 (silver)** / **XV-N3330B (black)** feature Express Play Start for fast disc start up, high-resolution graphical user interface (GUI), Direct Digital Progressive Scan Output, Video Fine Processor, 10-bit/54MHz video digital-to-analog (DAC) converter, 192kHz/24 bit audio DAC, 3-step Zoom Play, 30-disc memory and one-touch replay that instantly replays the last ten seconds viewed. They include **Track Adjust**, a new feature designed to tackle playback issues with problem discs. Track Adjust offers three user-selectable modes for disc playback. In addition to the “normal” mode that offers auto jitter correction, there are two other modes: one for handling scratched discs and another for playing back off-center discs. They offer playback compatibility with the full range of formats: DVD, CD, CD-R/RW, DVD+R/+RW, DVD-R/RW, VCD, SVCD and MP3(CD-R/RW)/JPEG digital stills. Connections include component and composite video outputs and a coaxial digital audio output.

**FEATURES**

- They play DVD Video, DVD-R/RW (Video Format), CD, CD-R/RW, VCD, SVCD, and MP3/JPEG Digital Still (CD-R/RW)
- They provide smooth, sharp, high-resolution images in NTSC progressive format. Moreover, the Digital Direct Progressive Scan Output delivers the NTSC progressive pictures without converting the original frames to the interlaced one when viewing a movie. The result is a reduction of conversion loss, which translates into natural, smooth images.
- Coaxial digital outputs for PCM, Dolby Digital and DTS
- DTS analog 2 ch. downmix output
- Digital Direct Progressive Scan output delivers smooth, sharp, high-resolution images in progressive format
- 192kHz/24-bit audio D/A converter for astounding sound quality with high clarity and fidelity.
- Component, composite and S-Video output plus analog L/R front output
- Zoom play (3 steps)
- Variable-speed playback with sound and subtitles (1.5x/2.0x/1.0x/0.8x/0.6x)
- One-touch instant replay (10-seconds)

**Rolling Pickup**

JVC’s laser pickup has been known for superior resistance against mistracking caused by the variable thicknesses of two-sided discs, serious scratches, disc wobbling and non-concentricity. JVC developed a higher-performance pickup — the Rolling Pickup — that follows wandering tracks and plays warped discs with impeccable precision. You can play difficult discs and enjoy movies with JVC DVD players when you can’t with other players.

- Turn on the system and load a disc into the DVD player. The first movie scene appears on screen with virtually no waiting. Express Play Start has a unique algorithms to identify media and optimize parameters, the wait for the show to start is over.
- VFP (Video Fine Processor): 7 parameters with 2 presets and 2 manual settings let you control image quality according to your personal preferences.
- Bookmark function memorizes where the DVD stopped playing and resumes playback at that position (up to 10 discs).
- 1.5x Quick playback with sound lets you catch up to the real-time broadcast schedule. You can speed up playback or slow it down to half-speed. Either way the picture is distortionless and soundtrack audible.
- Variable search/slow in forward/reverse
- High resolution GUI (Graphic User Interface) with PC-like tool bars overlaid at the top of the TV screen, with drop-down menus, for simple point and click operation.
- On-screen languages (English, Spanish)
- They include full-function remote control

**Track Adjust — For Noise-Free Playback of Privately-Created Discs**

Track Adjust is a JVC software innovation for noise-free playback of difficult discs. It applies special signal processing to improve tracking accuracy to playback uncentered, scratched, or poorly-recorded discs — problems often seen with privately created DVDs. Three modes are available — Normal for overall improvement, plus two modes geared specifically for scratched or uncentered discs. The last mode used for a particular disc can be memorized by the Disc Resume function (available for the last 30 loaded discs).
**HR-XVC17S/16B • HR-XVC39S/38B**

**DVD Player/VHS Hi-Fi Recorder Combos**

JVC’s DVD/VCR combo’s offers outstanding performance combined with convenience features that make operation quick and easy. With JVC’s Auto Select feature all that’s required to begin DVD or VHS playback is to insert a cassette or disc – it’s that simple, and works with both the RF and video outputs. The **HR-XVC17S (silver)** / **HR-XVC16B (black)** offer DVD, CD-R/RW, MP3/JPEG (CD-R/RW), Video CD, SVCD and DVD-R/-RW (video format) playback. Other DVD features include coaxial digital audio output, 5.1-channel Dolby Digital/DTS output, component video output and multi-session CD playback. Other features include Express Play Start that initiates program play about five seconds after the tray is closed, S-VHS Quasi-Playback (SQPB) and a multi-language color on-screen display. For convenience, they offer a six-digit display with real-time counter, and one-touch replay to replay the last 10 seconds of DVD or seven seconds of VCR programming – ideal when a bit of dialog was missed or that funny moment needs to be replayed immediately. The **HR-XVC39S (silver)** / **HR-XVC38B (black)** step-up by adding an HDMI output with 1080i/720p up-conversion. HDMI supports standard, enhanced and high-definition video plus digital audio all on a single cable.

**DVD Section**
- Digital Direct Progressive Scan
- DVD component video output
- 192kHz/24 bit audio D/A converter
- Front AV inputs; composite, S-Video output
- Dolby Digital/DTS digital coaxial output
- Variable Search and Variable Slow
- Video Fine Processor (7 parameters)
- 3-D Phonic for virtual surround sound
- Full-Function Remote Control
- They play DVD Video, CD Audio, CD-R/RW, Video CD/SVCD, DVD-R/RW, (Video Format), MP3 & JPEG Playback (CD-R/RW)
- Turn on the system and load a DVD into the player. The first scene appears on screen with virtually no waiting. Express Play Start identifies the media and optimizes parameters, the wait for the show to start is over.
- Multi-session CD playback means you can playback both audio and data content recorded in one media.

**VHS Section**
- Hi-Fi VHS Stereo with MTS Decoder
- SQPB (S-VHS Quasi Playback)
- Auto Tracking
- Auto Clock Set and Active Channel Memory
- 1-Month/ 8 Event Programmable Timer
- DVD playback while recording on VCR
- Composite video output
- Information on the programs you record is stored in VCR memory – up to 2000 titles! To watch something you’ve recorded, just browse through the program lists. These can be listed by the tape number assigned to each cassette, date of recording or program category (like movies, sports, news, etc.)
- Simply follow the instructions on the on-screen menu and set-up starts automatically.

**Conveniences**
- In DVD mode, if you insert a cassette with its safety tab removed, the deck will automatically switch to the VHS mode. Conversely, when you load a DVD disc with automatic playback function in the VHS mode, the deck automatically switches to output the DVD program.
- Missed an important scene? Hit the “One-Touch Replay” button on the remote and the deck will rewind and play back scenes from 10 sec. (on DVD) and 7 sec. (on tape) before.

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DR-MV7S
DVD Recorder/VHS Hi-Fi Combo

The DR-MV7S is combination DVD/VHS recorder designed for those with a collection of VHS recordings they want to continue watching or to archive onto DVD. A one-touch intelligent dubbing system between the VHS and DVD sections make it easy to archive and edit.

The DR-MV7S records DVDs in the DVD-RW/-R/+RW/+R formats, and is compatible in both playback and record with +R dual layer discs. Features include an HDMI output with 1080i/720p up-conversion and a DV (IEEE 1394) input, plus component video outputs. For even more flexibility, the DR-MV7S also offers VHS HD up-conversion. Using the deck’s HDMI output, the VHS signal is up-converted to 1080i or 720p to match the resolution capability of the HD display, delivering a better quality VHS picture. Also offered are a 16-program/one-month timer, progressive scan, six-hour recording maximum, Dolby Digital/DTS output, 1.5x playback with audio, 3D surround sound, and a slimmer, easier-to-use remote control. Compatible playback formats are DVD-Video, DVD-RW/-R/+RW/+R, CD, CD-R/RW, VCD/SVCD, JPEG and MP3.

FEATURES

- Twin tuners in the DR-MV7S allows tape recording and DVD recording to be done separately. You can record programs from different channels simultaneously onto DVD and VHS tape.
- Use multiple formats to record your favorite programs, whether they are home movies, Hollywood features or television programs: DVD+R, DVD+RW, DVD-RW, DVD-R and VHS.
- Up to 12-hour DVD recording (on Double-Sided Disc)
- Playlist-based Editing (DVD)
- 1.5x Quick Playback with Sound
- Dolby Digital/DTS Digital Output (DVD); component video output
- The DR-MV7 comes with HDMI interface for transmitting uncompressed video and audio signals on a single cable connection. In addition to digital-to-digital transmission, it also converts the video signal conversion from 480i (interlaced)/480p (progressive) to 720p or 1080i.
- The i.LINK terminal permits digital connection with other equipment, including MiniDV camcorders. The input DV signal is directly converted to the MPEG-2 format — a digital-to-digital conversion which ensures high quality images with less noise and less loss. This connection also lets you control the camcorder using the DVD recorder’s remote.
- SQPB (Quasi S-VHS) lets you playback S-VHS tapes (in standard VHS resolution).
- Stylish, slim design — only 3 ¼” high

One-Touch Expert Dubbing (VHS —> DVD)
The DR-MV7S comes with “One-Touch Expert Dubbing” button. Simply press the button, and the unit starts VHS-to-DVD dubbing with the following advanced functions:

1) Auto Thumbnail Creation Dubbing: The JVC recorder automatically creates thumbnails by detecting the tape-encoded signals that indicate program changes. This allows easy access to each dubbed program.
2) Auto Blank-Cut Dubbing: The unit skips any blank space on the tape. This results in DVD discs free of the unwanted blank spaces typically seen between VHS-recorded programs.
3) Auto Recording Mode Optimizer: Press and hold the “One-Touch Expert Button” for 2 seconds, and the unit automatically selects the optimum bit rate to ensure the best picture quality possible while precisely fitting the whole content to a 4.7GB disc. Dubbed pictures are free of unwanted blank space.
DVD/HDD/MiniDV Triple Recorder with 250GB Hard Drive

Combining a 250GB hard disk drive, DVD recorder and MiniDV recorder into a single deck, the versatile DR-DX5S is ideal for camcorder users looking for a simple editing and DVD burning option or even just a convenient way to play Mini DV recordings.

A triple combo unit — large-capacity 250GB hard drive which stores up to 473 hours of programs, multi-format DVD recorder and MiniDV recorder. The DR-DX5S allows six-way dubbing — between any two of the three recorders. Edit and dub footage from your camcorder in native DV format. Transfer footage over to hard disk in original DV format. Edit the scenes as you like on hard disk and dub the result back to MiniDV while retaining high resolution. This function is also available when the unit is connected with a MiniDV camcorder via i.LINK terminal video.

**FEATURES**

**Recording and Playback**
- Recording is available in DVD-RAM, DVD-RW or DVD-R format, letting you choose the most suitable depending on the purpose or contents. Playback is possible with a vast majority of audio and video disc formats: DVD-Video, DVD-RAM, DVD-RW/+RW, DVD-R/+R, SVCD, VCD, CD and CD-R/RW. You can also enjoy WMA/MP3 music files or JPEG files burned on a CD-R or CD-RW. The Slide Show function enhances the fun of viewing JPEG digital still images.
- 16-Hour DVD Recording (Double-Sided Disc)
- Simultaneous REC/Playback (HDD/DVD-RAM)
- Relief Recording (HDD)
- Linear PCM Audio Recording (XP Mode Only)
- 1.5x Quick Playback with Sound (HDD)
- Component video, Progressive Scan output
- DV input for HDD/DVD/MiniDV; DV output for MiniDV
- Longer recording with high resolution pictures (DVD-RAM/DVD-RW VR Format). The quality of images tends to degrade with longer recordings, due to the trade-off between reducing noise and maintaining resolution. However, JVC provides a solution to this problem. For example, in the 3-hour recording mode (FR180), MPEG noise is reduced while maintaining a 400-line horizontal resolution.

**Hard Disk Drive**
- The 250GB HDD allows a max. 473 hours of recording and lets you easily transfer the stored programs to DVD discs for archiving. It is also convenient when you do not want to miss any of your favorite TV programs while away from home.
- In addition, JVC’s HDD automatically activates Temporary Loop Recording when the unit is turned on. This lets you “go back” and watch or record a program you missed, because it records TV programs (up to a specified number of minutes/hours) in a continuous loop.

**DVD Recorder + HDD**
- Record a program on the HDD, and you can change the order of scenes, delete unwanted parts of a recording, and insert scenes from other titles. A window shows the scene, and the Preview and Retry functions ensure you won’t make a mistake. Then, at the touch of a button, they’re dubbed over to a DVD. Up to 99 Playlists can be stored, allowing you to set maximum 99 scenes.
- Dubbing video contents from disk to DVD can be completed at up to 64x normal speed. A one-hour program can be copied to a DVD disc in less than 1 minute.
- While you’re watching a broadcast in real-time, Live Memory is saving the program on Hard Disk temporarily so an interruption won’t disrupt your TV viewing enjoyment.
- You can watch a program recorded on the HDD, while recording another on HDD or DVD. You can also watch a DVD, while recording another on Hard Disk.
- You’re watching and want to save it for reviewing, Live Memory lets you “go back” and start recording it from the beginning or from any previous points during the show.
- Advanced technologies allow precise editing of HDD-recorded content — with minimum unwanted scenes left in, and without eliminating scenes you want to keep. Also solves the problem of image freeze for DVD-dubbed footage, which is often seen in pictures edited with conventional recorders.
- Innovative Bit-Rate Optimizer, analyzes content as it is recorded on the HDD and then intelligently optimizes the bit rates — low for simple scenes, high for complicated scenes. This provides the best picture quality, while still fitting the entire program on the disc.
Mini DV/S-VHS VCR Combo

The HR-DVS3 is the ultimate solution for easy editing and viewing of high quality digital and analog video. A double deck, HR-DVS3 incorporates a Mini DV VCR and an S-VHS VCR, allowing direct playback of S-VHS or DV tapes, direct dubbing from S-VHS to DV and vice versa, or connect directly to your DV camcorder for DV-to-DV edits—no cable connections necessary. To watch and dub DV footage, the deck offers one-touch viewing and dubbing of DV recordings. Integration also enables a variety of advanced features like automatic DV-to-S-VHS Random Assemble Editing.

FEATURES

**DV VCR**
- Play back and watch DV footage without any cables to connect. Perform DV-to-S-VHS editing, DV-to-DV dubbing via its DV input terminal, or analog-to-DV recording from an external source
- Records digital audio with a choice of two modes: two-channel 16-bit, 48kHz for maximum quality or four-channel 12-bit 32kHz, allowing another stereo channel to be added (background music or narration for example)

**S-VHS VCR**
- Incorporating JVC’s exclusive DigiPure technology, the S-VHS VCR section delivers over 400 lines of horizontal resolution for quality that approaches digital
- DigiPure technology uses a digital wide TBC and 3-dimensional circuitry for clearer color separation, improved S/N ratio, enhanced detail, and elimination of dot crawl
- Hi-Fi stereo audio with MTS decoder delivers wide dynamic range for maximum impact, while the built-in MTS decoder lets you record stereo and SAP TV broadcasts

**S-VHS ET**
- S-VHS ET recording allows S-VHS signals to be recorded on regular VHS High Grade cassette. This allows you to enjoy high resolution images with more affordable, more widely available VHS tapes

**Editing Features**
- One-touch dubbing from DV to S-VHS or S-VHS to DV
- Insert editing and audio dubbing (32kHz for MiniDV) on both DV and S-VHS
- Equipped with DV (IEEE1394) input/output, so you can connect directly from your DV camcorder to make DV-to-DV lossless-quality dubs, or to download to a DV-equipped PC for non-linear editing
- Random Assemble (RA) editing lets you choose up to 8 segments at a time (in any order) from your DV tape, and at the touch of a button the HR-DVS3 will automatically put them in the order you want

**Conveniences**
- Active Video Calibration optimizes recording and playback by monitoring S-VHS/VHS head and tape performance
- During real-time recording, you can take advantage of the double-deck design by watching DV playback while recording on S-VHS/VHS. This is the kind of viewing versatility not possible with ordinary video decks
- Repeat playback (up to 50X), 60-minute power back-up, and tape position indicator (S-VHS)
- Multiple speed search (two speeds in DV, five speeds in S-VHS)
- Include Multi-Brand TV/Cable/DSS compatible remote control with large jog/shuttle dial

**Programming**
- Simply hook up the antenna and plug in the VCR and the HR-DVS3 automatically takes care of clock and tuner setting (even daylight savings time). And since the clock time is kept accurate by time data found in PBS broadcast signals, set-up is literally a one-time operation
- Features VCR+ with “Cable Eye” Cable Box Controller. Just punch in the PlusCode number to program the timer automatically There is no lengthy set-up process either, because VCR+ guide channels are set “on-the-fly”. And with the supplied “Cable Eye” cable box controller, you can also count on correct timer-recordings of cable TV
- 1-year/12 event timer (6 events each for DV and S-VHS)
- Hate missed endings? Auto SP/EP Timer recording automatically switches from SP to EP mode, if necessary, to fit the entire program on the tape
- Express Programming for easy manual timer setting just by following a single row of buttons on the remote control
- Multi-lingual on-screen programming (English, Spanish and French)

**Inputs/Outputs**
- S-Video input on front and back panel
- Two S-Video outputs on back panel
- Two A/V outputs
# JVC Recorders Comparison Chart

<table>
<thead>
<tr>
<th>DVD RECORDER COMPARISON</th>
<th>DR-MV7S</th>
<th>DR-DX5S</th>
<th>HR-DVS3</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>DVD-RAM/-RW/-R/+RW/+R</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>SVCD/VCD</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>CD-DA</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>MP3 on CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>JPEG on CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

##Playable Formats

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
<th>HDD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD-Video</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>DVD-RAM/-RW/-R/+RW/+R</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>SVCD/VCD</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>CD-DA</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>MP3 on CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>JPEG on CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</table>

##Recordable Formats

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD-RAM/-RW (VR &amp; Video Format) /-R</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>HDD Capacity</td>
<td>250GB</td>
<td></td>
</tr>
<tr>
<td>PAL Playback on NTSC TV</td>
<td>Yes</td>
<td>Yes</td>
</tr>
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##Audio

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
<th>HDD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dolby Digital / Linear PCM (XP Mode Only)</td>
<td>NTSC VHS HiFi</td>
<td>Dolby Digital / Linear PCM (XP Mode Only)</td>
<td>PCM Digital</td>
</tr>
<tr>
<td>Audio D/A Converter</td>
<td>192kHz/24-bit</td>
<td>192kHz/24-bit</td>
<td>192kHz/24-bit</td>
</tr>
<tr>
<td>Dolby Digital/DTS/MPEG Digital Out</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>Virtual Surround</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Output Level</td>
<td>2.0V RMS</td>
<td>2.0V RMS</td>
<td>2.0V RMS</td>
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</tbody>
</table>

##Video

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
<th>HDD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximate Recording Time XP</td>
<td>1 hour</td>
<td>60 hours</td>
<td>2 hours</td>
</tr>
<tr>
<td>Approximate Recording Time SP</td>
<td>2 hours</td>
<td>2 hours (T-120 Tape)</td>
<td>2 hours (T-120 Tape)</td>
</tr>
<tr>
<td>Approximate Recording Time LP</td>
<td>4 hours</td>
<td>240 hours</td>
<td>4 hours</td>
</tr>
<tr>
<td>Approximate Recording Time EP</td>
<td>6 hours</td>
<td>6 hours (T-120 Tape)</td>
<td>6 hours (T-120 Tape)</td>
</tr>
<tr>
<td>Approximate Recording Time FR</td>
<td>1-8 hrs (63 Step)</td>
<td>60-350 hrs (63 Step)</td>
<td>1-8 hrs (10-1.2Mbps)</td>
</tr>
<tr>
<td>Live Memory</td>
<td>Yes (DVD-RAM)</td>
<td>Yes</td>
<td>Yes (DVD-RAM)</td>
</tr>
<tr>
<td>RetroActive Recording/Relief Recording</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes (Max 600 Discs/2,000 Titles)</td>
</tr>
<tr>
<td>Library Database DVD NAVIGATION</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

##Library Database DVD NAVIGATION

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>(DGD-RAM/ DVD-RW VR)</td>
<td>(DGD-RAM/ DVD-RW VR)</td>
</tr>
<tr>
<td>Animated Thumbnail</td>
<td>Yes</td>
</tr>
<tr>
<td>Variable Search (Forward/Reverse)</td>
<td>±4x Steps</td>
</tr>
<tr>
<td>Quick Skip (30-sec. FWD Skip)</td>
<td>Yes</td>
</tr>
<tr>
<td>Instant (One-Touch) Replay</td>
<td>(7 sec.)</td>
</tr>
<tr>
<td>HDD–DVD High-Speed Dubbing</td>
<td>RAM 5x-RW 4x, 8x</td>
</tr>
<tr>
<td>DVD-R MENU</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto 16:9 Record &amp; Playback</td>
<td>Yes</td>
</tr>
</tbody>
</table>

##Terminals

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Inputs</td>
<td>Yes</td>
</tr>
<tr>
<td>S-Video in / Composite in / Audio L/R in</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>Rear Inputs</td>
<td>Yes</td>
</tr>
<tr>
<td>Component out / S-Video out / Composite out</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>Audio L-R out / Optical out / Coaxial Digital out</td>
<td>Yes/Yes</td>
</tr>
<tr>
<td>DV In - Cable Box Control - 3.5 mini</td>
<td>Yes</td>
</tr>
</tbody>
</table>

##General

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>On Screen Display Graphical User Interface</td>
<td>Yes</td>
</tr>
<tr>
<td>On Screen Languages (English/French/Spanish)</td>
<td>Yes</td>
</tr>
<tr>
<td>Multi-Brand Remote</td>
<td>Yes</td>
</tr>
<tr>
<td>Power Backup Time</td>
<td>5 Sec.</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>17.1 x 3.8 x 13.8”</td>
</tr>
</tbody>
</table>

##Dimensions (W x H x D)

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.1 x 3.8 x 13.8”</td>
<td>17.1 x 3.8 x 15.1”</td>
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</tbody>
</table>

##Dimensions (W x H x D)

<table>
<thead>
<tr>
<th>DVD</th>
<th>HDD</th>
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HR-S2902 • HR-S3902/S3912 • HR-S5902/S5912

S-VHS Hi-Fi Stereo VCRs

JVC’s S-VHS VCRs feature over 400 lines of horizontal resolution, plus they offer Super VHS ET recording. This lets you use inexpensive high grade VHS tape while enjoying nearly the same picture quality as with much more expensive S-VHS tape. They also feature Hi-Fi VHS stereo with MTS Decoder, Active Video Calibration and Picture Control. Ensures easy installation and operation by utilizing Plug & Play, Shuttle Plus, Express programming and more.

◆ S-VHS “high-band” recording technology delivers 400 lines of horizontal resolution and supports separate luminance (Y) and chroma (C) input/output for purer signal transmission when recording from a high resolution sources or viewing on a high-resolution big-screen TV.

◆ Super VHS ET (Expansion Technology) allows the wider bandwidth S-VHS signal to be recorded on standard VHS tapes (HG tapes are recommended). This allows you to enjoy high resolution images with more affordable, widely available VHS tapes.

◆ Express Programming for easy manual timer setting just by following a single row of buttons on the remote control.

◆ Hi-Fi stereo recording and playback with wide dynamic range and full frequency response. Built-in MTS decoder lets you record stereo and SAP TV broadcasts.

◆ Hate missed endings? Auto SP/EP Timer recording automatically switches from SP to EP mode, if necessary, to fit the entire program on the tape

◆ 1-year/8-event programmable timer

◆ Instant ReView for simple playback of timer-recorded programs.Auto Index

◆ Ease of use is boosted by Plug & Play installation. It sets the tuner and gives you Auto Clock Setting (current time, date and bi-annual DST adjustments).

◆ Frame advance, variable speed slow motion, and multi-speed search (± 21x normal speed in 19 steps).

◆ Repeat playback up to 100x

◆ Picture Control with selectable modes to best match the material you’re viewing. Modes include Auto for optimum picture; Edit to minimizes picture degradation during recording and playback; Soft to reduce image coarseness when watching overplayed tapes; and Sharp for a clear, sharp-edged picture, ideal for viewing images with lots of flat, same-colored surfaces, like cartoons.

◆ Front A/V and S-Video inputs, S-Video and A/V rear outputs

HR-S3902 (Black) and HR-SS3912 (Silver)
STEP-UP FEATURES

The HR-S3902/HR-S3912 step-up with VCR Plus+, Rec Link, advanced jog shuttle, AV Compu-Link and a multi-brand remote control

◆ VCR Plus+ for instant programming by just inputting a PlusCode number. For added convenience a Cable Box Controller (available with a mail-in coupon) automatically switches channels on a set-top box. Minimal set-up is necessary since the VCR Plus+ Guide Channels are set “on-the-fly” while you program.

◆ Multi-Brand TV/Cable/DBS compatible remote gives you total control over the VCR, TV, cable or satellite receiver in a single unified remote.

◆ Advanced jog dial on the deck allows you to precisely control everything from frame-by-frame playback to variable-speed slow motion and search.

◆ Shuttle Plus gives you all the flexibility of a traditional jog/shuttle control plus more. Enjoy fingertip control of frame advance, variable slow motion, multiple speed search and index search.

◆ A/V Compu Link provides one-touch operation with matching JVC components.

◆ Rec Link makes it easy to detect when a connected cable box or DBS (with timer) turns on and to start recording from it.

◆ Child Lock allows you to disable the operation of the unit to prevent timer recordings from being disturbed.

◆ Multi-Brand TV/Cable/DBS compatible remote gives you total control over the VCR, TV, cable or satellite receiver in a single unified remote.
HR-S5902 (Black) and HR-S5912 (Silver) Step-Up Features

The HR-S5902/HR-S5912 step up with professional-style editing capabilities with insert editing, flying erase head, audio dubbing and more.

- Insert editing lets you replace the original picture without affecting the audio. The flying erase head makes sure that transition points between recordings are distortion-free.
- Audio dubbing enables you to dub your own soundtrack over the original sound (the mono linear track—not the Hi-Fi tracks), leaving the picture as it is.
- Instant Review turns the VCR on, rewinds to the beginning of the last recording and starts playback.
- Video Stabilizer corrects vibration when playing back unstable EP recordings made on another VCR.
- If two timer-programmed shows have overlapping times, a Timer Overlap Warning displays the conflicting programs on-screen so you can choose which show gets priority.
- Regardless of which programming option you choose, a Permanent Program function keeps program timer information in the deck's memory even if power is interrupted. You won't have to re-program the timer after a power outage.
- Glow key multi-brand remote control.

Audio Components

**TDW354BK  Dual Well Cassette Recorder**

Robustly constructed, the TD-W354BK is a full-featured, attractively priced double-mechanism cassette deck. It has twin auto-reverse transports (one transport records and plays, the other is playback only), Compu Calibration tape biasing with parameter memory, a 1/4” microphone input with level control and offers full-logic Compu-Link control capability. Offers continuous play of two tapes, Pitch Control on deck A, and Music Scan high speed forward and reverse for playback selection.

**XL-FZ258BK  5-Disc Carousel CD Changer**

Add convenience to your CD entertainment with the XL-FZ258BK. It includes a full function remote, and a 10-key pad on the front of the unit for easy track selection. A fiber optic digital output makes it easy to make great digital recordings. Continuous play, “Smart” random play, and program play provide flexible listening options. A headphone output with volume control is included for private listening.

**XL-FZ700BK  7-Disc Carousel CD Changer**

Add convenience to your CD entertainment with the JVC XL-FZ700BK, which uses JVC's exclusive 7-disc carousel changer with play and exchange. It includes a full function remote, and a 10-key pad on the front of the unit for easy track selection. A fiber optic digital output makes it easy to make great digital recordings. Continuous play, “Smart” random play, and program play provide flexible listening options.

**XL-MC2000  200-Disc CD Changer**

The XL-MC2000 200 Disc CD Changer features an optical digital output for easy connection to a digital recording device such as a CD-R, CDR-W or Mini Disc. The Play & Exchange feature makes it possible to change up to 25 of the 200 discs without stopping playback. A jog control makes selecting tracks and discs simple.
HM-DH5 • HM-DT100

D-VHS Player/Recorders

The HM-DH5 and HM-DT100 are D-VHS machines that record, play back and archive high-definition content, and play D-Theater HD movies. They are also the first D-VHS Hi-Def digital recorders equipped with a digital High-Definition Multimedia Interface (HDMI), which provides the highest quality, uncompressed digital pictures and sound through a single connection. Since HDMI is all-digital, there is virtually no signal deterioration, resulting in pristine, “lossless” images just like the original. For maximum convenience and full access to high-definition programs, the HM-DT100 is equipped with an integrated digital HDTV receiver. This allows you to receive, record, and view all forms of digital programs, including HD broadcasts, without an extra set-top box.

FEATURES

HDMI With HDCP Protection

- HDMI's integrated High-bandwidth Digital Content Protection (HDCP) copyright protection technology supports secure one-way transfer of digital content between a source, such as D-VHS and projectors, monitors and digital TVs (DTVs). HDMI plays back high definition D-Theater software, prerecorded high definition material available from five Hollywood studios and other providers, and even standard definition analog tapes. It transfers analog and S-VHS signals after conversion to 480p (progressive) digital video for greatly improved image quality.
- Moreover, since a single HDMI cable carries all video and audio signals, it is easier to set up and enjoy today's most advanced home theater performance than it is to set up a conventional system. HDMI makes ugly tangles of cables a thing of the past.

Motion Active Progressive Scan

- Today, demand for large-screen displays has never been higher. Unfortunately, there is an inverse relationship between screen size and picture quality; a poor quality signal looks even worse on a large screen. This is especially true for lower resolution analog sources. To offset this problem, JVC's advanced Motion Active Progressive Scan circuit upconverts 480i interlace signals to 480p (progressive). It uses sophisticated motion detection circuitry for pixel compensation. This eliminates jitter and flicker to produce smoother, cleaner images that come close to matching the quality of true progressive scan sources. Since this minimizes the perceived picture degradation that normally appears as the display screen gets larger, you'll experience better picture quality than before when playing back S-VHS and VHS tapes.

Three Recording Modes

- HS mode (28.2 Mbps) for up to 4 hours HDTV recording; STD Mode (14.1 Mbps) for up to 7 hours SD recording; LS3 Mode (4.7 Mbps or 400 TV lines) for up to 24 hours long-time recording per DF-420 cassette

Super MPEG Encoder

- To enable high-quality digital recording of analog sources, the HM-DH5 and HM-DT100 use JVC's exclusive Super MPEG Encode Pre-Processor to prepare analog signals for digital conversion so that digital recordings appear to surpass the quality of the original analog sources. Incorporates a Time Base Corrector (TBC) to eliminate jitter, a Frame Synchronizer to correct frame crossover jitter and process any deviant frames, and a 3-Dimension Noise Reduction circuit to remove noise from both still and moving parts of video pictures.

i.LINK Terminals

- They offer front and rear i.LINK (IEEE-1394) terminals to conveniently connect to i.LINK-compatible DV or HD camcorders for editing. The IEEE 1394 compliant connection converts DV to MPEG-2 for editing of camcorder footage. It can also receive and transfer 720p MPEG-2 Transport Stream data signals from an HD camcorder for editing and dubbing.

What sets D-VHS apart from other digital systems is that it is the only format that can record HDTV in full quality and without further compression or decoding and re-encoding stages. Because D-VHS’s 28.2 Mbps HS mode far exceeds the 19Mbps specification of ATSC MPEG-2 HD broadcasting formats, and because a single DF-480 D-VHS cassette stores up to 50 GB of data, D-VHS records high-definition sources such as 1080i or 720p digital broadcasts complete with 5.1-channel surround sound. Of course, D-VHS also records standard definition (SD) sources such as 480p and 480i digital broadcasts thanks to its 14.1 Mbps STD and other LS modes. There's even a built-in MPEG-2 encoder to easily make high-quality digital recordings from analog NTSC sources in the high quality HS, STD, or extended-time LS3 modes.
Progressive Scan DVD Player

The DVD 27 may be slim in design, but it doesn’t scrimp on features. Indeed, this is a compact giant that offers progressive-scan-video perfection with super-fine slow motion, a backlit remote, and image-format playback from JPEGs and Kodak Picture CDs, as well as MP3 and WMA audio files. A built-in test signal for critical setup, and high-end DACs for analog connectivity make the DVD 27 a true “best in class” performer.

- Press the Zoom button and enlarge the picture by 2x, 3x, 4x or 5x to get a better look
- Progressive scan playback
- DVD-R/RW/+R/+RW playback
- Supports both MP3 and WMA playback
- Playback modes include Resume and Slow

DVD 47

DVD Audio/Video Player with SACD and HDMI

The DVD 47 is Harman Kardon’s most advanced DVD player, delivering performance that satisfies audiophiles and videophiles alike. On the video side, advanced processing upscales the signal to 720p or 1080i via an HDMI output, along with the ability to view both JPEG and Kodak Picture CD images. Critical listeners will revel in the fidelity of both DVD-Audio and SACD, in addition to MP3 and WMA playback of compressed music formats. Sound and image, in any combination, all at the best possible resolution.

- Built-in test signal for critical setup, and high-end DACs for analog connectivity
- HDMI output with upscaling to 720p or 1080i
- DSD (direct Stream digital) decoding for SACD
- Bass management for Analog outputs
- 192kHz/24-bit audio output DACs

FL 8385

5-disc CD Changer

If you want high-quality music playback that can run uninterrupted throughout the day – or for the length of the party – the FL 8385 is for you. This five-disc CD changer has a wide range of programming options to play back the perfect mix while High Definition Compatible Digital (HDCD) processing delivers the most realistic sound processing to date from both HDCD-encoded and standard discs. High-end Burr-Brown digital processors convert the digital signals back to analog without inducing any artifacts; or use the coax digital output to connect the FL 8385 directly to the processor in your A/V receiver.
DV-SP404
DV/CD/MP3 Player

Striking the balance between economy and better home theater standards, the DV-SP404 will do what you expect from higher-priced players, and it will also serve as a capable playback device for all your audio sources from your CD library. Best of all, if you've already invested in an HDTV or planning to in the near future, the DV-SP404 takes standard DVDs to high-definition quality by converting them to 720p or 1080i through the HDMI (High Definition Multimedia Interface) on the rear. Also, with a 108 MHz/12-bit video DAC supporting progressive scan, you're assured of spectacular viewing time-after-time.

- Plays DVD Video, VCD, DVD-R/RW, CD, Audio CD, CD-R/RW and MP3/WMA/JPEG encoded CDs
- Progressive scan and component video output
- Composite and S-Video outputs
- Parallel video outputs—all active
- 192kHz/24-Bit D/A audio converters
- MP3 playback with on screen display
- Dolby Digital and DTS digital outputs
- Coaxial digital and analog line level output
- Dynamic Range Control
- Last Play Memory (Resume, Bookmark)
- Title/Chapter/Track repeat
- On-screen display (English, Spanish, French)
- FF/REV (DVD/CD/VCD) 4-steps
- Step and slow motion playback
- Picture zoom function
- Parental lock function

Onkyo Direct Digital Path — Exclusive to all Onkyo DVD Players

Part of the Onkyo advantage is the direct digital path which routes the digital information of a DVD or CD directly from the digital processor to the digital output(s) through a specially designed, shielded cable. Not only is this the shortest distance between two points, but the digital audio signal now bypasses most of the internal, noise generating circuits. The use of the heavily shielded cable, combined with the short, direct path, assure that the digital audio information makes it to the receiver or processor with all of its character and dynamic qualities intact. You can now enjoy the best sound possible because the signals stay pure and clean.

DV-CP704 6-disc DVD Changer

With multiple disc format capabilities, extended playback capability and superior signal processing, the DV-CP704 is a great complement to any home theater system. It takes charge of DVD-Video and MP3/WMA/HD JPEG-enabled discs for output via HDMI (on top of digital, component, S-Video outputs) to compatible HDTV displays and receivers. All of this brought to you from state-of-the-art 192 kHz/24-bit audio DACs and a 108 MHz/14-bit video DAC for one of the most technologically advanced carousel changers on the market. You may just find yourself staying at home a bit more often.

- Ultra-thin 6-disc carousel with illuminated disc tray and ultra-quiet loading mechanism.
- Optical and coaxial digital outputs.
- Play exchange capability allows you to change discs while the current one continues to play. You don't have to interrupt the movie or music to change a disc, and you're not limited to changing only one disc at a time.

www.bhphotovideo.com
The DV-SP504 is a progressive scan DVD player that is compatible with nearly every disc format in use today, including DVD-Audio and multichannel SACD high-resolution audio formats. It features 192-kHz/24-bit audio DACs with Onkyo's Vector Linear Shaping Circuitry (VLSC) for smoother, more detailed analog output. Onkyo's exclusive Direct Digital Path ensures maximum integrity of Dolby Digital, DTS and PCM audio signals to the rear-panel digital outputs. There is a complete multichannel analog audio output, including a defeatable second set of surround channel connections for use with 7.1-channel home theater systems.

For video, it features a sophisticated 108-MHz/12-bit video D/A converter for superior video clarity and detail, and advanced progressive scan component video output with 3-2 pulldown capability. In addition to component video, there is composite and S-video connections for compatibility with nearly all televisions, and all video outputs are continuously active. Fully compatible with DVD, DVD-R/RW, DVD+R/RW, and CD-R/RWs encoded with JPEG, MP3 or WMA files.

**Same features as the DV-SP404 Plus—**

- DVD-Audio's data-loss-free reproduction of 192 kHz/24-bit 2-channel stereo or 96 kHz/24-bit 6-channel surround sound recreates music with such clarity, it sounds as if it were played live in your own home. Add on a super-high frequency rate of 192,000 samples per second—4.3x greater than an audio CD—and you have a musical experience that goes beyond just listening.

- With SACD (Super Audio CD), all channels provide for up to 100 kHz frequency response and a sampling rate 64x that of a regular CD! A multi-channel Super Audio CD provides you with up to 6 channels of high-resolution audio in addition to a regular CD layer for playback on any existing CD player.

- 108MHz/12-bit Video D/A converter

- 32-track programming

- Optical and coaxial digital outputs

- Selectable (48/96 kHz) digital output

- Multi aspect ratio (16:9 and 4:3)

- Illuminated disc tray

- Six language on-screen display

- Bi-directional RS-232 port for interface control

- IR input/output

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**DX-C390 6-Disc CD Changer**

Those looking for the ultimate in CD playback from an audiophile-grade component will be impressed with a high-precision, multi-bit D/A converter and 128x oversampling. Those looking for convenience will thrill at the sight of 6-disc capability, 6 repeat modes, 40 track programming—and no worries about interruptions to your music, with the ability to change 5 discs while the last one is still playing. Housed in a sturdy chassis graced with a brushed aluminum front panel, the DX-C390 delivers crystal-clear playback, enhanced by Onkyo's exclusive Vector Linear Shaping Circuitry, for a smoother sounding audio signal. In addition, Direct Digital Path, a heavily shielded, high-quality cable protects the delicate audio signal from noise emitted by the surrounding circuits.

**TA-RW255 Dual Tape Deck**

Dual autoreverse lets you copy both sides of a tape with the press of a button, or relay-play both sides of two tapes without interruption. The deck also includes Dolby B and C noise reduction to eliminate tape hiss, auto-spacing to insert blank spaces between songs, high-speed dubbing, rec-level control, CD synchro recording, 8-segment peak level meters, an auto tape-bias selector, a 4-digit electronic tape counter, and a brushed aluminum front panel.
The Ultimate THX Ultra-Certified DVD-Audio/Video and SACD Player

The DV-SP1000 brings an entirely new dimension to the term “universal”. Not only does it provide you with DVD Audio/Video and SACD playback, but also analog and pure digital reproduction with HDMI (High-Definition Multimedia Interface) and i.LINK (IEEE1394) to deliver high-quality movies and multi-channel music.

This reference-grade universal player features state-of-the-art circuitry and connectivity options for ultimate reproduction quality with virtually any disc format. Featuring a beautiful brushed aluminum front panel, it plays DVD-Audio and SACD, while Onkyo’s exclusive ExperienCinema concept provides you with the finest visual and audio experience through Progressive Scan, Direct Digital Path, 192 kHz/24-bit audio DACs and Vector Linear Shaping Circuitry (VLSC). DVDs are further enhanced with lossless 108 MHz/12-bit D/A video processing. Add Onkyo’s VLSC and high-quality FlexScale from Oplus (which enables video scaling of DVD discs from 480i to 480p/720p/768p and 1080i) and you have the ultimate in DVD-video performance. For convenience, it offers Last Play Memory, Slow-motion DVD-Video playback, dedicated subwoofer output, DVD Quick Start Play, Bit-Rate Meter, Screen Saver and parental control.

**FEATURES**

- Only players capable of realizing the highest potential of DVD technology can bear the THX certification badge. It means the DV-SP1000 meets the standards of Lucasfilm, not only for sound and picture, but also for user convenience, basic quality and long-term reliability.
- Specifically designed for the smoothest delivery of your movies and music, it features extremely solid construction with a rigid aluminum chassis, integrated stabilizer network, and feet to reduce vibration for sonically superior playback.
- Built-in Dolby Digital and DTS decoder
- Plays DVD-Audio & Video, DVD-R/RW, SACDs, MP3 CDs, CD-R/RW, Video and Audio CDs
- Slow motion DVD-Video playback (without sound) at 1/2, 1/4, 1/8 or 1/16 normal speed
- Last play memory (5 DVDs)
- Program playback and memory (24 DVDs)
- Condition memory (15 DVDs) for audio and subtitle languages, multi-angle video adjust, onscreen display (position), and parental lock
- For SACD and DVD-Audio discs, the DV-SP1000 includes two iLink (IEEE 1394) connections for digital output of high resolution 5.1-channel audio signals. When combined with a compatible receiver, such as the Onkyo TX-NR1000, it delivers the ultimate in sound reproduction and simplifies bass management duties, all over a single cable. Additionally, there are 7.1-channel analog outputs for consumers wishing to take advantage of the player’s high quality internal decoding circuitry.
- Employs an Analog Devices 216 MHz/14-bit video D/A converter, with high quality Silicon Images deinterlacing circuitry with 3:2 pulldown conversion.
- Front panel cursor control
- For analog component video, the need for menu selection of interlaced or progressive scan output is eliminated by the inclusion of dedicated connections for each.
- 4-level display dimmer (normal, dim, dark, or off)
- Includes a bidirectional RS-232 port and IR in and out jacks for compatibility with control systems.
- Full-time active video outputs (two component, two composite and two S-Video).
- For video reproduction, the rear-panel HDMI (High Definition Multimedia Interface) connection delivers digital video and audio signals on a single cable without the degradation caused by additional circuitry.
- Includes backlight pre-programmed learning remote control with scroll wheel
- Includes one A/V cable, HDMI and FireWire cable
Blu-ray Disk Player

The DMP-BD10 takes full advantage of Blu-ray Disc technology to create a new level of home theater performance with breathtaking picture and sound quality. It can play Blu-ray Discs in 1080p (1920 x 1080 pixels progressive-scan) resolution — making it the ideal match for today’s 1080p-capable TVs. Better yet, this advanced player can also upconvert standard DVDs to resolutions as high as 1080p, so your existing DVD collection will look better than ever. Blu-ray, also known as Blu-ray Disc (BD), is the name of a next-generation optical disc format jointly developed by a group of the world’s leading consumer electronics, personal computer and media manufacturers (including Apple, Dell, Hitachi, HP, JVC, LG, Mitsubishi, Panasonic, Pioneer, Philips, Samsung, Sharp, Sony and TDK). The format was developed to enable recording, rewriting and playback of high-definition video (HD), as well as storing large amounts of data. The format offers more than five times the storage capacity of traditional DVDs and can hold up to 25GB on a single-layer disc and 50GB on a dual-layer disc. This extra capacity combined with the use of advanced video and audio codecs offers an unprecedented HD experience.

Blu-ray Technology

While current optical disc technologies such as DVD, DVD±R, DVD±RW, and DVD-RAM rely on a red laser to read and write data, the new format uses a blue-violet laser instead, hence the name Blu-ray. Despite the different type of lasers used, Blu-ray products can easily be made backwards compatible with CDs and DVDs through the use of a BD/DVD/CD compatible optical pickup unit. The benefit of using a blue-violet laser (405nm) is that it has a shorter wavelength than a red laser (650nm), which makes it possible to focus the laser spot with even greater precision. This allows data to be packed more tightly and stored in less space, so it’s possible to fit more data on the disc even though it’s the same size as a CD/DVD. This together with the change of numerical aperture to 0.85 is what enables Blu-ray Discs to hold 25GB/50GB.

Blu-ray Overview

◆ Everything that DVD can do, Blu-ray disc does and more. Blu laser technology enables up to 50 GB of storage—5x the capacity of DVD. That’s room for 9 hours of HD. Or 23 hours of standard definition content. Or tens of thousands of songs. Unbelievable data storage.

◆ Blu-ray discs are 8 and 12cm, so they are backward-compatible with your CDs and DVDs and other optical disc formats. Even better, when playing a BD-ROM or DVD disc, the DMP-BD10 up-converts content recorded in standard 480i/480p or high definition 720p/1080i formats to 1080P with high precision. So your existing DVD collection will look even better than before.

◆ In digital, picture quality depends on bit rates. For example, DVDs can deliver 10 Mbps. HDTV broadcasts can reach 19 Mbps. But Blu-ray Disc outshines them all with up to 48 Mbps! Think about a marvelous ceiling painting with intricate detail. Or beautiful evening scenery with many subtle variations of the same color. The DMP-BD10 renders images like these with enormous accuracy, faithfully conveying details, textures and color depth. The high-definition images reproduced by the DMP-BD10 may be the most beautiful images you’ve ever seen.

◆ DVD can provide a dynamic, lifelike 5.1ch surround sound, but in the recording process the original sound data is thinned out and compressed. With up to 7.1 channels of surround sound and options for up to 32 streams of audio, BD is an amazing experience for your ears. And since the DMP-BD10 can provide up to 7.1ch surround sound, it can recreate the ambience of a concert hall with remarkable accuracy and even convey the movement of rising clouds of mist.

DMP-BD10 Features

◆ Plays Blu-ray high-definition discs (selectable output resolution: 1080p signals available through HDMI output only; 720p/1080i signals available through HDMI or component video)

◆ P4HD (Pixel Precision Progressive Processing for HD) processes more than 15 billion pixels per second and applies the optimum processing to every pixel in the video data on the disc.

◆ 297MHz/14-bit video D/A converter renders ultra-fine images with smooth gradation. The DMP-BD10 can theoretically reproduce up to 4.4 trillion colors.

◆ Plays DVD-Video, DVD-R/RW, DVD+R/+RW, DVD-RAM, CD, CD-R/RW, and MP3, WMA and JPEG file CDs

◆ Selectable 720p/1080i/1080p video upconversion for DVD

◆ EZ Sync control simplifies operation with a compatible Panasonic plasma TV

◆ Built-in audio decoding for Dolby Digital Plus, Dolby Digital, DTS, and multichannel uncompressed PCM

◆ Separate 192kHz/24-bit audio D/A converters for each of the eight channels

◆ Inputs and outputs include: HDMI digital output, set of A/V outputs (composite component and S-Video), stereo and 7.1-channel audio outputs, coaxial and optical digital audio outputs.
Blending astounding performance with an elegant design, Panasonic’s DVD players offer a host of advanced features to deliver an unsurpassed home theater experience. They feature Advanced Progressive Scan, resulting in an extended frequency response, reduction of background noise and enhancement of depth. The higher-density video signal brings a film-like quality to DVD images, extraordinarily close to the way they originally appeared in the cinema, with rich detail, incredible depth of field, and precise color reproduction.

The DVD-S1 (silver) features Advanced Surround (V.S.S), Dialogue Enhancer, 64x Hi Speed Scan and composite, component and S-Video output. The DVD-S52S (silver) / DVD-S52K (black) adds 5.1-channel DVD-Audio to the mix, and an HDMI (High-Definition Multimedia Interface) with 720p/1080i upconversion. The DVD-S97S (silver) steps-up with a built-in Dolby Pro Logic II decoder, MPEG Digital Noise Reductions and Audio Navigation Menu.

**FEATURES**

**Video**
- Progressive Scanning (480P) delivers higher picture resolution, sharper image quality, and the elimination of virtually all motion artifacts.
- They play DVDs, DVD-R/RW, DVD+R/RW, CD, HDCD and CD-R/RW (including JPEG, WMA, and MP3). DVD-S52 and S97 are compatible with DVD-RAM and HighMAT as well.
- HighMAT significantly improves interoperability for digital media content between PCs and devices such as DVD players.
- Twin laser pickup gives these player a phenomenal ability to track discs that are warped, off center, or otherwise imperfect.
- Picture control (brightness, color, contrast, gamma correction, sharpness)
- 108Mhz/12-bit video D/A converter
- Variable and auto zoom (S1 is variable only)
- Picture Mode selection (Normal, Cinema1, Cinema 2, Animation, Dynamic) selection
- Monitor select for optimum picture quality according to monitor type (not on the S1)
- Black Level Control (depending on you connection); lighter when connected to TV via composite or S-Video, darker when connected via component video.
- An advanced picture noise reduction system, Depth Enhancer gives you sharp images with incredible depth. It only processes an image's background, leaving the details of the main subject intact. The end results are images with startling depth, true-to-life skin tones, and a soft, movie-like background focus. (Not on the S1).

**Audio**
- High-end 192kHz/24-bit D-A converters for superb musical performance (96kHz/24-bit on the DVD-S1).
- Double Re-Master Processing increases the data density in CD or DVD signals to reproduce even high-frequency sounds outside the audible range, creating incredible sound quality.
- Built-in 2-channel DTS & Dolby Digital decoders.
- Dialogue Enhancer boosts the volume of the center channel, from which most of the principal dialogue emanates.
- Headphone VSS (Virtual Surround Sound) provides simulated surround sound using regular headphones.

**Inputs/Outputs**
- They feature component video, composite and S-Video output, as well as Dolby Digital and DTS coaxial and optical (not on the S1) digital output.

**Conveniences**
- Hi-Speed Smooth Scan enables fast-forward/reverse at up to 64x (S1), 100x (S52), 200x (S97S) normal speed. This lets you scan a two-hour movie in up to 40 seconds, offering a quick way to access desired scenes.
- Sleek, slim, and stylish, these DVD players are designed to integrate with Panasonic home theater receivers, both functionally and cosmetically. Plus, their slim design makes them a perfect fit for any system.
- Additional conveniences include position memory (bookmark) for up to 5 discs, commercial skip, dynamic range compression, guide set-up (not on the S1), progress indicator and quick replay.
- Advanced Virtual Surround Sound (VSS) makes it easy for those who don’t have the room or budget for a full-blown home theater system to still enjoy superb audio. Using Advanced VSS, a surround sound system can be simulated by using only the front two speakers.
**DVD-S52 Step-up Features**

- HDMI interface carries high-quality digital video and audio over a single cable. Run just one cable from your DVD player to an HDMI-compatible TV or home theater receiver.
- Can up-convert the video resolution of ordinary DVDs (480p) to 720p/1080i to more closely match the capabilities of today's high definition TV.
- Playlist playback lets you perform simple non-linear video editing, such as rearranging order of scenes, skipping over unwanted scenes, or copying selections, to create custom playlists of favorite scenes on a disc.
- Select from five video and audio playback speeds: 0.8x, 0.9x, 1.0x, 1.2x or 1.4x normal speed. The sound is smooth even with slow or fast playback. You can use faster playback when scanning through the contents of a disc and slower playback, when listening to a foreign language, for example.
- Audio/JPEG Navigation menu lets you quickly search for MP3 and WMA audio files or view JPEG images recorded onto CD-R or CD-RW discs via an on-screen menu. This feature also works with CD-Rs that feature multi-session recordings.
- DVD-RAM speed control playback
- Picture control (brightness, color, contrast, gamma correction, sharpness)

**DVD-S97 Step-up Features**

- Built-in DTS, Dolby Digital 5.1 and Dolby Pro Logic II surround sound decoders
- MPEG Digital Noise Reduction is advanced 3D-DNR circuitry that effectively and selectively removes only noise components from the signal during playback. The result is stunningly clear image reproduction.
- Gamma correction, channel balance control and delay time control
- Audio only function (video circuit off)
- Progressive component video output and switchable 480p/480i component video output
- 5.1-channel surround sound audio output
- Subwoofer output
- Sleep timer

---

**DVD Players Comparison**

<table>
<thead>
<tr>
<th>DVD PLAYER COMPARISON</th>
<th>DVD-S1</th>
<th>DVD-S52</th>
<th>DVD-S97</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Playable Formats</strong></td>
<td></td>
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<tr>
<td>DVD-Audio</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>DVD-Video</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>DVD-RAM</td>
<td>Yes</td>
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<td>DVD-RW/R+R+R</td>
<td>Yes/Yes/Yes/Yes</td>
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<td>CD-DA</td>
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<tr>
<td>CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
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<td>MP3 on CD-R/RW</td>
<td>Yes</td>
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<td>Yes</td>
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<td>JPEG on CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>WMA on CD-R/RW</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>HighMAT Compatible</td>
<td>Yes (Level 2)</td>
<td>Yes (Level 2)</td>
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<td><strong>DVD Player</strong></td>
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<tr>
<td>Video D/A Converter</td>
<td>108MHz/12-bit</td>
<td>108MHz/12-bit</td>
<td>216MHz/11-bit</td>
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<td>Progressive Scanning</td>
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<td>Yes</td>
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<td>720p/1080i Upconversion</td>
<td>Yes (HDMI output only)</td>
<td>Yes (HDMI output only)</td>
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<tr>
<td>Zoom</td>
<td>Variable</td>
<td>Variable and Auto</td>
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<td>Depth Enhancer</td>
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<td><strong>Audio</strong></td>
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<td>Audio D/A Converter</td>
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<td>Channel Balance Control</td>
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<td>Dolby Surround Pro Logic II</td>
<td>Yes</td>
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<td>Built-in DTS Surround Decoder</td>
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<td>Built-in Dolby Digital Surround</td>
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<td>Yes</td>
<td>Yes</td>
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<td>Yes (HDMI-HDCP)</td>
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<td>Component Video Out</td>
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<td>Yes (switchable)</td>
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<td>S-Video Out</td>
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<td>5.1ch Surround Sound Audio Out</td>
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<td>Video Out</td>
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<td>Subwoofer Out</td>
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<td>Hi Speed Scan</td>
<td>x64</td>
<td>5 Speed up to x200</td>
<td>x100</td>
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<td>Progress Indicator</td>
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<td>Yes</td>
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<tr>
<td>Audio/JPEG Navigation Menu</td>
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<td>Yes</td>
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<td>Advanced Disc Preview</td>
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<td>Horizontal Resolution</td>
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<td>Video S/N</td>
<td>More than 65db</td>
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<td>Dimensions (H x W x D)</td>
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<td>1⅝ x 16⅛ x 9⅝”</td>
<td>2¼ x 16⅛ x 10⅛”</td>
</tr>
</tbody>
</table>

(212) 444-5003 • 1-800-947-9903 • Quick Dial 813
**DMR-ES15S • DMR-ES25S**

**DVD-ARAM/DVD-R Recorders**

Panasonic’s seventh generation of DVD recorders, the DMR-ES15S and DMR-E25S can record onto both DVD-RAM and DVD-R discs. With a DVD-RAM disc recording time is 16 hours in the EP mode on a 9.4 GB double-sided disc. They are also Progressive Scan players which ensure optimum picture quality when viewing DVD movies. A thumbnail display of contents is also possible for recording to disc. Since each scene is displayed with a thumbnail image, it’s easy for users to select the sequence of scenes they want to playback. They can play back DVD-Video, music CDs, video CDs and CD-R/RW, and MP3 formatted discs. Direct Navigator simplifies the process of previewing recorded programs. Other features include Time Slip function which lets you replay a scene recorded 30 seconds earlier without disrupting the recording process, simply by touching a button on the remote, and Chasing Playback which lets you view the recorded portion of a live program, from the beginning, while continuing to record that program until its completion. Otherwise the same, the DMR-ES25S steps-up with a built-in SD Memory Card slot enabling downloading of digital still pictures, and EZ Sync HDAVI via HDMI interface.

**Features**

**Selectable Recording Modes**

They offer five recording speeds: EP mode yields the most recording time, LP & SP provide less recording time with higher quality recording, and XP for the highest quality recording. FR (Flexible Recording) mode lets you record with the best picture quality possible for the recording time and space on the disc.

**Simultaneous Recording and Playback**

The second part of the Time Slip feature, Simultaneous Recording and Playback lets you record a program onto a disc while you’re watching any other program that’s previously been recorded on the same disc.

**Playlist Playback**

Lets you perform simple non-linear video editing, such as rearranging the order of scenes, skipping over unwanted scenes, or copying selections, to create custom playlists of favorite scenes on a disc.

**One-Touch Record and Play**

If you own a VCR, it’s almost certain that at some point someone has accidentally recorded over a movie or show that you wanted. One-Touch Record will save your favorite programs from the same fate by automatically scanning the disc for blank space before starting the recording process. No more worries that your favorite sitcom’s season finale will be overwritten by a family member’s Sunday fishing show.

**Direct Navigator**

Direct Navigator makes it easy to find a previously recorded program on a disc. A list of recording dates, times, channels and (user-entered) titles are shown on screen. When you move the cursor to a recording, the segment is played in the background, so playback can begin immediately upon selection. Program deletion, protection, and title input are also easy to perform. Can handle up to 99 titles at once.

**Chasing Playback**

Now you no longer have to wait for an entire program to be recorded before watching it from beginning to end. With chasing playback, an element of Panasonic’s Time Slip feature, you can skip back to watch a program currently being recorded from any point that’s already been recorded — while continuing to record the live program in progress.

**Rapid Random Access**

Jump directly to any spot on a DVD-RAM disc and begin playback or recording right away. Even if there is no sequential area of empty space available, the recorders can record data on available space throughout the rest of the disc. You avoid searching for a blank spot to start recording, or accidentally recording over desired material. Random access also makes it easy to perform non-linear editing using just a single DVD Video Recorder, with no need for additional editing equipment.
Additional Features

- Incredibly versatile and format friendly, these DVD recorders can record to and play back just about any DVD you can throw at it. Specifically, they can record to and play back DVD-R/-RW/-RAM/+R/+RW discs.
- They can also play back many more disc formats, including: DVD-Video, DVD-Audio, DVD-R(dual layer), DVD+R(dual layer), CD, CD-DA, and CD-R/RW (including MP3 and JPEG files). With a Panasonic DVD recorder, you never think twice about what disc you need.
- Progressive Scan (480P) provides higher picture resolution, sharper image quality, and elimination of virtually all motion artifacts.
- DV input terminal allows you to connect a compatible digital camcorder to the DVD recorder (via IEEE 1394 cable) and transfer your home movies onto a DVD disc.
- Preserve precious VHS tapes by transferring them to DVD, which will provide durability and many years of enjoyment. With One-Touch 2-Way Transfer, you can dub a VHS tape to DVD by pushing a single button.
- To ensure accurate reproduction of the original content (in the case of DVDs, most content is film-based) they utilize advanced progressive scan playback techniques and very accurate MPEG video decoders to provide images that faithfully represent the ones you've seen in the theater.
- Actually improve your old VHS tape.s Built-in TBC circuit and advanced 3D Y/C separation refine dot interference and jitter. Combined with 3D Digital Noise Reduction, the result is refined dot interference and jitter. Combined with 3D Digital Noise Reduction, the result is a higher picture quality on DVD-RAM than on your original recording.
- 20-bit AD Converter and an original Panasonic LSI chip enable Dolby Digital 2-channel recording for a new level of audio quality. Improves sound quality during transfer of images from video tapes to the DVD-RAM disk.
- They can play back at 1.3x normal speed with audio, so you can quickly check the contents of a recorded program when you don't have time to watch it at normal speed.
- They include Smart Wheel user-friendly remote control to quickly find recorded programs (200x quick search and fast-forward smooth search) and start playback faster than ever.

About DVD-RAM Discs

- The ideal medium for long-term storage of your valuable video images, a DVD-RAM disc preserves quality over time, permits overwritten as desired, and takes up only about a third of the space of a VHS cassette.
- A DVD-RAM disc can be rewritten up to an incredible 100,000 times and come in the double-sided (9.4GB capacity) and single-sided (4.7GB) varieties in both cartridge (provides additional protection) and non-cartridge types, all of which can be used with the recorders. DVD-RAM discs can be played back on Panasonic's DVD-RAM-compatible DVD home players and portable players as well.
- You can record favorite video recordings onto removable DVD-RAM discs and instantly access favorite scenes without searching, fast-forwarding or rewinding.
- Record up to 12 hours of video on 2-sided, 9.4GB DVD-RAM discs. These discs can also be played back on a DVD-RAM-compatible DVD home player or portable player.
- The smaller, 8cm DVD-RAM and DVD-R discs utilized for Panasonic's DVD camcorders can be used in the DVD recorders.
- The DVD-RAM disc format is supported by major hardware and media manufacturers and functions as the "bridge format" for compatibility with A/V and personal computing applications. Any DVD-RAM discs that are formatted for PC or other media use can be reformatted for use with a DVD recorder.

DMR-ES255 Step-up Features

- EZ-Sync HDAVI control function makes it as easy as possible to connect and control multiple products such as Panasonic plasma TVs and A/V receivers.
- Built-in SD Memory Card slot enables fast sharing with digital still cameras, camcorders and other SD-enabled devices.
- Taking an SD memory card from a digital camera and inserting it into the SD card slot, you can transfer JPEG or TIFF images to the recorder and view them on your TV. (Via the Image Viewer/Storage function which allows on-screen playback of JPEG or TIFF images, or recording to DVD). Once in the recorder, you can organize the images into folders and create photo albums that you can store on a DVD-RAM disc or hard drive.
- HDMI interface with 720p/1080i Up-Conversion. When connected to an HDMI-compatible TV via an HDMI cable, this DVD recorder can up-convert the DVD content that you’re watching to 720p or 1080i resolution (depending on your TV’s display capability) so you can enjoy beautiful, high-quality imagery in high definition.

Original Panasonic HDMI Cables

- 33' HDMI Cable (PARPCDHG100) ................................................................. 249.95
- 23' HDMI Cable (PARPCDHG70) ............................................................... 99.95
- 16.4' HDMI Cable (PARPCDHG50) ............................................................ 69.95
- 9.8' HDMI Cable (PARPCDHG30) ............................................................. 49.95
- 4.9' HDMI Cable (PARPCDHG15) ............................................................. 34.95
DMR-ES35VS • DMR-ES45VS
DVD Recorder/ VHS Recorder Combos

Dual deck DVD and VHS recorders, the DMR-ES35VS and DMR-ES45VS combine the features and benefits of two technologies allowing users to easily dub their home movies and recorded VHS tapes onto either a DVD-RAM or DVD-R disc, and from a DVD disc back to a VHS tape. The dual deck also includes one touch dubbing, another feature geared to make the process truly user friendly. Otherwise the same with all the features as the DMR-ES15S (previous page), the DMR-ES25S steps-up with a built-in SD Memory Card slot enabling downloading of digital still pictures, and EZ Sync HDAVI via HDMI interface.

DMR-EH55VS • DMR-EH75VS
DVD Recorder/ Hard Disk Drive Combos

The DMR-EH55VS features a 200GB hard drive, offering users up to 355 hours of programming in EP (8-hour) mode. The DMR-EH75VS also features a hard drive (80GB), offering users up to 142 hours of programming in EP (8-hour) mode, plus it has a built-in VHS VCR. Both decks can record onto DVD-RAM or DVD-R discs as well, making them ideal for compiling personal movie libraries or for archiving, preserving, cataloging and enjoying favorite videos. They also features the TV Guide On Screen (TVGOS) Electronic Programming Guide (EPG), and built-in SD Memory Card slot enabling faster, easier networking and file sharing of JPEG/TIFF digital pictures and MPEG-2 videos between the DVD recorder PCs, digital still cameras and video camcorders.

All the features of the DMR-ES15S (previous page), PLUS—

- They can record from hard disk at up to 12x normal speed to a DVD-RAM disc or 24x speed to DVD-R (EP mode). This means you can record a one-hour program to DVD-RAM in 5 minutes or to DVD-R in just 2.5 minutes.
- The fastest DVD recorders in the industry, the DMR-EH55S and DMR-E75VS offers high-speed dubbing from hard disk drive onto DVD-RAM at speeds of 40x and onto DVD-R up to 64x in EP mode. Record a one-hour program onto DVD-R in under one minute!
- Compatible with DivX files (on CD-R/RW)
- Simultaneous Record & Play lets you view a previously recorded program on a DVD-RAM disc or the hard disk drive while simultaneously recording a different program.
- Relief Recording (on the hard disk drive) automatically checks the remaining disc space when recording onto a DVD-RAM or DVD-R disc. If there’s not enough space, the recorder shifts the recording to the hard drive. Other PVR functions such as Time Slip, Chasing Playback and Simultaneous Record & Play (see previous page) are available using either the hard disk drive or DVD-RAM.
- TV Guide On Screen Electronic Program Guide lets you easily find your favorite programs and set up your DVD recorder to record them unattended. Explore program listings up to 8 days in advance, searching by genre or keyword to help narrow down your choices. Once you’ve found what you want in the listings, simply select the program and they will automatically begin recording at the preset time. The TV Guide On Screen Program Guide makes recording TV programs as easy as using a PVR, only without subscription fees or telephone line hook-up.
## DVD Recorder Specifications

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<tbody>
<tr>
<td><strong>Rapid Random Access, Recording/Playback</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Built-in Hard Disk Drive</strong></td>
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<td>200 GB</td>
<td>80 GB</td>
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<td><strong>Relief Recording to Hard Drive</strong></td>
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<td><strong>Playlist Playback</strong></td>
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<td><strong>One-Touch Record and Play</strong></td>
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<td><strong>Built-in SD Card Slot</strong></td>
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<td><strong>Bilingual Recording (DVD-RAM only)</strong></td>
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<td>Yes</td>
<td>Yes</td>
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<td><strong>TV Guide On Screen Program Guide</strong></td>
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<td><strong>Horizontal Resolution</strong></td>
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<td>1</td>
<td>1</td>
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<td><strong>Universal Remote Control (TV/DVD)</strong></td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>Image Viewer/Storage (for memory cards)</strong></td>
<td>JPEG &amp; TIFF files</td>
<td>JPEG &amp; TIFF files</td>
<td>JPEG &amp; TIFF files</td>
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<td><strong>Dimensions (H x W x D)</strong></td>
<td>2¼ x 16½ x 9¾”</td>
<td>2¼ x 16½ x 9¾”</td>
<td>3¼ x 16½ x 13¼”</td>
<td>3¼ x 16½ x 13¼”</td>
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DVR-640H-S
Dual-Layer DVD Recorder with 160GB Hard Drive

Now it’s easier than ever to record your favorite television programming directly to DVD. The DVR-640H-S combines hard drive technology with software and program guide upgrades to make the process of creating a DVD easy. It allows you to find all of your favorite TV shows through the TV Guide onscreen program guide; store programming on a hard drive; or burn to DVD. For added convenience, Pioneer has created a ‘Help’ menu on screen for easy set up and use of the DVD recorder. The ‘Help’ button is located right on the remote control and offers information about what is currently scheduled for recording, how much space is available on the hard drive, and general operational instructions.

**FEATURES**

**Editing**
- Once your movies are on disc you can use high-speed scanning (FWD/ REV) to quickly find the best parts. And now, you’ve got a back-up copy of your best memories, just in case something happens to the tape.
- Organize your footage and record it to DVD without using your computer. Basic editing in Video mode lets you name, erase, lock, and unlock titles before finalizing the disc.
- In VR mode (using a DVD-RW disc) you can do even more, such as erase part of a title or make detailed changes to chapters in a title. You can also set up a Play List — for example, a title for each city you toured — which adds further editing capabilities, such as moving the position of a chapter, combining it with another, or dividing it in two.
- In Video mode you can finalize the disc and then select a suitable wallpaper to appear behind the disc’s menu during playback — so when you show your DVD it has a clean, professional look.

**TV Recording**
- Includes a built-in TV tuner, so it’s easy to find and record your favorite TV program. You can either use Pioneer’s timer record system or the widely used VCR Plus+ system.
- Smart VBR (Variable Bit Rate Recording) mode lets you choose the level quality/recording time (Fine, SP, LP, EP, and Auto) that suits you best.
- In Basic EP mode, you can record up to 10 hours on one disc.
- “Commercial Skip” button on the remote. When you encounter the first commercial, press “CM Skip” once and you jump ahead 30 seconds. Press again, another 30.
- Sometimes imperfections in blank DVDs cause the laser to lose accuracy, and you get less-than-perfect recording. Pioneer’s virtual lens tilt mechanism with liquid-crystal technology corrects these imperfections, and ensures the most accurate recording possible.

**Advanced Disc Navigator**
- The user-friendly menu makes all the key functions easy to operate. You can set up a Play List or move a chapter with this menu. Want to find and play a certain segment of your “My Kids” DVD? Select a thumbnail of that chapter and it will begin to play.
- Menu’s thumbnails are shown in full motion, with sound! These mini-movies make it easy to find what you’re looking for, and make your recordings look professional.

**Chase Play**
- You set the timer to record your favorite program, but get home early, while it’s still recording. You don’t have to wait until the recording is done to see the program from the beginning. With Chase Play, you watch the program as the rest of it is being recorded. It lets you watch, stop, or pause a show while you’re recording. Chase Play is performed using a memory buffer and recording directly to DVD-RW discs (VR Mode).

**Wide Playback Compatibility**
Besides regular DVD movies, you can play your homemade DVDs containing TV content or home movies (HDD/DVD-R/-RW/DVD-R DL/DVD-RAM/DVD+R/+RW/DVD+R DL Recorder, DVD-R/DVD-R DL/DVD-RW (Video Mode and VR Mode Recording, Compatible with CPRM3)/DVD-RAM (Compatible with CPRM3)/DVD+R/+RW/DVD+R DL/DVD). It also plays CDs and CD-R/RW discs with WMA and MP3 files, and its JPEG photo viewer is compatible with Fujifilm and Kodak discs and CD-R/RWs burned from your computer.
**Sophisticated Video Playback**

- Features PureCinema 2:3 Progressive Scan for a more film-like presentation when watching movies. A full set of connections is provided, including a component video output for higher-quality signal transfer to your TV.
- Compatible with DVD-Video, CD-R/RW, Video CD, DVD-R/RW, WMA, MP3 and JPEG embedded discs.
- Equipped with Dolby Digital and DTS Digital surround sound outputs, along with high-quality audio and video D/A converters.

**Built-in 160GB Hard Disk Drive**

- The built-in 160GB hard disk drive lets you record lots of home movies and TV shows for temporary storage. Once they’re recorded, you can watch them whenever you want, edit them, delete them, or burn them to DVD. The DVR-640H-S can hold up to 340 hours of content (recorded at lowest video quality - SEP mode).
- When burning your recorded content to DVD from the hard disk drive, an hour-long program recorded in SEP (lowest video quality) mode takes less than 30 seconds to burn — that’s approximately 120x speed.
- Pioneer’s exclusive Disc Backup lets you make a direct file transfer of your home-movie DVD back to the hard drive, and from that make as many copies of your home movie as you want, all at blazing speed. This is great for videophiles who do their editing on their home computer and burn their material to DVD that way. And unlike other HDD-to-DVD recorders, the DVR-533H/633H don’t recompress the video to another format during the process. Instead, they make a perfect copy that is bit-for-bit identical to the original, every time.

**HELP Button**

- Here’s another big “ease of use” feature. Let’s say you’re about to dub a home movie to the recorder, and you can’t figure out what the next step is... So Pioneer put a HELP button right on the remote — it’s for when you get stuck. Pressing HELP doesn’t have you start over again; instead, it makes a recommendation on what to do next. Sometimes it will alert you if your remaining disk space is limited, or offer a hint about watching a show you’ve recorded.

**DV393-S DV-490V-S DVD Players**

Slim and stylish, the DV-393-S and DV-490V-S look great, play everything, and deliver exceptional video and audio performance. They play DVDs, DVD-R/RWs, and CD-R/RWs with WMAs and MP3 files, while the Disc Navigator feature makes it easier to browse and view JPEG picture files. For smooth, high-resolution video imagery, they feature a 12-bit/108MHz Video D-A converter, and offer Pioneer’s PureCinema 2:3 Progressive Scan system. For great audio they are equipped with high-end 192kHz/24-bit D-A converters. For convenience Video Adjust Menu lets you fine tune the video image with adjustments to sharpness, brightness, and four other levels. Otherwise the same, the DV-490V-S steps-up with HDMI output and 720p/1080i up-conversion capability.

- 24-bit/192kHz DAC means they are capable of delivering exceptional sound quality in terms of dynamic range, low-level resolution and high-frequency detail.
- Pure Cinema progressive scan video output for extremely stable, flicker free images, with the same frame refresh rate as the original movie.
- They are compatible with DVD-Video, CD-R/RW, Video CD, DVD-R/RW, WMA, MP3 and JPEG embedded discs.
- Video Adjust Menu makes it easy to fine-tune picture settings, including Sharpness, Brightness, Contrast, Gamma (for picture 'warmth'), Hue (for red/green balance), and Chroma Level (for color saturation).
- Disc Navigator with moving pictures plays the first few seconds of each title or chapter in a thumbnail image on screen.
- Enjoy surround sound effects from just two speakers. Virtual surround can produce realistic 3D sound from a pair of stereo speakers using any source.
- JPEG PhotoViewer enables you to create an ongoing slide show of digital images.
- Dialogue Enhancer lets you set how much you dialogue to stand out from background sound in the soundtrack. Choose from High, Medium, Low or Off.
- Component video (DVD), composite and S-Video output and audio output (RCA)
- Coaxial digital output
- Advanced GUI (Graphical User Interface) with Set-up Navigator makes operation fun and simple
- Title, Track/Time Search
- Screen Saver and Auto Power Off
- Slim design with cursor key on the front panel
- Compatible with discs using DivX, the video compression technology that’s the video equivalent of MP3 audio. Just create a DivX movie on your computer, burn it to DVD, and play it on your deck.

**DV-490V-S Step-up Features**

- HDMI interface with 720p/1080i Up-Conversion. When connected to an HDMI-compatible TV via an HDMI cable, this DVD recorder can up-convert the DVD content that you’re watching to 720p or 1080i resolution (depending on your TV’s display capability) so you can enjoy beautiful, high-quality imagery in high definition.

(212) 444-5003 • 1-800-947-9903 • Quick Dial 813
DV-F727

301-Disc CD/DVD Player Changer

A high-end AV jukebox, the DV-F727 will play DVD’s, Video CD’s, audio CD’s and CD-R’s, storing 301 discs in all. Plus you can extend your universe of digital disc controlling possibilities by connecting two of them for access to an incredible 601 discs. Engineered for superb audio and video reproduction, the DV-F727 also offers great convenience. You can enter title/artist CD text with a keyboard and mouse, find a disc or artist alphabetically, or sort discs for playback by type. This serious piece of AV hardware will be the life of the party.

- 301-disc control and management
- Easy title/artist input using keyboard and mouse
- Easy disc alphabetical title/artist
- Easy disc sorting with 20 custom files (audio 10, video 10)
- Auto update of text and types for all discs
- Master/Slave allows two DV-F727’s to be connected for control of up to 601 discs
- Advanced digital video noise reduction with film recognition and gamma control
- Virtual Dolby Digital with SRS TruSurround
- 24-bit/96kHz DAC for Superb Sound Quality
- Dolby Digital and DTS Output
- Joystick & Jog Remote Control Unit
- Component video output (DVD, Video CD)
- 2 digital audio outputs (coaxial and optical)

High-Capacity Disc Management with GUI

Managing such a vast library is surprisingly simple, thanks to two conveniences: Auto Update Function that registers information of all loaded discs automatically. And a Disc Identification Function that “tags” each disc, not by rack number, but by assigned disc name, making it easy to reload discs in the rack freely. You can input the disc title, artist name and /or the custom file name using a computer keyboard and mouse (not included) to edit the information by alphabetical order or by disc type such as DVD, VCD or CD so that you can find the disc you want to watch at once. The DV-F727 keeps the disc information of up to 330 discs including discs that have been removed from the rack. Moreover you can classify the discs by up to 10 groups and name each group. Using a mouse even lets you control the setup and player menus.

Advanced Digital Video Noise Reduction with Film Recognition

The Advanced Digital Noise Reduction stores the impact of images from film sources by compensating for the degradation in image quality that normally occurs in the film-to-video transfer process, and a high-quality video encoder allows viewers to tailor picture characteristics to their tastes. Two-dimensional (horizontal/vertical) edge control keeps object edges clean and sharp. Moreover, the Gamma Correction function adjusts the black level.

DVL-919 DVD/LD/CD Video CD Player

The DVL-919 is engineered to make all your discs look and sound their best, with one tray for laserdiscs, and another for DVDs and CDs. Pioneer added DTS capability for laserdiscs (there are 100+ titles) and DVDs (still only a few). The back panel has all the jacks you’ll need for the best possible picture and sound quality from your system: component video, 2 S-video jacks, 2 sets of composite video, plus optical and coaxial digital outputs for Dolby Digital/DTS multichannel surround sound and PCM stereo for music CDs.

The DVL-919 delivers state-of-the-art laserdisc playback, with a sturdy auto-reverse mechanism so you’ll never have to get up to flip an LD. Digital TBC (Time Base Corrector) and a 3-line digital comb filter guarantee razor-sharp, noise-free images. There’s an 8-bit digital field memory for outstanding special effects on both CAV and CLV laserdiscs. An RF digital output is included so you can enjoy 5.1-channel sound from Dolby Digital-encoded laserdiscs (AC-3 RF input required on receiver, decoder, or outboard demodulator).
PD-M426
6-Disc Magazine CD Player
If you prefer to store your CD’s in magazines, the PD-M426 is a perfect 6-disc CD player for you. Its magazines (sold as accessories) hold up to 6 discs and can be used to organize a CD collection by music type or by artist. For convenience, the PD-M426 features random play and several programmed play options.

PD-F407
25-Disc CD Player
Throwing a ‘60s party? Load 25 of your Hendrix, The Who, Country Joe, and Santana CD’s into the PD-F407 and hit Random Play. If you just can’t get enough of Santana, put that CD into Repeat Mode. To locate a specific Country Joe and the Fish song, use Hi-Lite Scan. See? The 60’s were a lot of fun.

PD-F1009
301-Disc CD Player
If you’ve assembled a big CD collection over the years, load your favorites—let’s say, 301 of them—into the PD-F1009. It displays disc titles from text-encoded discs and has an optical digital output for connection to a CD recorder. This machine offers random play and Best Selection Memory functions, and also plays your CD-R’s and CD-RW’s as well.

PL-990
Turntable
2-speed, fully automatic stereo turntable with phono EQ and moving magnet cartridge included. Dimensions (WxHxD): 16¾” x 3¾” x 13¾”. Weight: 5 lbs. 14 oz.

CT-W208R
Double Auto Reverse Cassette Deck
You still have a big cassette tape collection, or maybe a family vehicle has a tape deck and not a CD player? The CT-W208R may be the perfect deck for you, with dual wells, dual motors, auto-reverse, tape-to-tape dubbing in normal or high speed, and Dolby B/C noise reduction for cleaner sound.

CT-W606DR
Double Auto Reverse Cassette Deck
The cassette tape format continues to add sonic improvements. The dual-well CT-606DR includes Digital Noise Reduction, Digital Noise Suppression, and Dolby HX Pro for clean recording and playback, and includes CD-Deck Synchro for easy recording from a CD player. So don’t put those tapes into storage just yet—they’ll still sound great with this deck.
DVD-HD860 • DVD-HD960

High-Def Conversion DVD Players

Slim elegant DVD players that complement Samsung’s stylish HDTVs, the DVD-HD860 and DVD-HD96 feature upconversion capabilities HDMI outputs for simple, single-cable connection of uncompressed digital video, and HD JPEG playback for viewing crystal clear photos in the comfort of your home theater. Utilizing a digital process, they’ll rejuvenate your DVD libraries by converting a DVD’s native resolution (480p) to near HD levels (720p/1080i). And unlike with analog conversion, no data is lost since the up-conversion process occurs digitally, resulting in rich, pristine images every time. The DVD-HD960 boasts a natural, clear picture, up-converted by DCDi by Faroudja (directional correlation de-interlacing) which substantially eliminates jagged edges that appear when standard interlaced video is viewed on progressive-scan displays. The DVD-HD960 goes all the way up to a near HD, super crisp 1080p resolution.

FEATURES

High Performance


◆ Their progressive scan output allows superior or non-interlaced images to be sent to the latest digital TV receivers. The smooth, 480P progressive scan image eliminates blur and distortion, bringing new realism to DVD movies and DVD video selections.

◆ 3:2 pulldown system further improves progressive scan images that are converted from film at 24 frames per second. These features help make sure your television images look great.

◆ Component video output delivers the best video quality to your display.

◆ The offer an HDMI connection to stream multi-channel digital audio and video information on one cable to compatible digital TVs and monitors.

◆ HD JPEG playback displays enhanced resolution JPEG images without the usual image compression of component interfaces.

Conveniences

◆ Motion Zoom allows 2x or 4x magnification of selected screen areas, without distortion, even as the movie is playing.

◆ Instant Replay/Skip function enables you to replay or skip 10 seconds back/forward with the push of a button on the remote control.

◆ Parental Control (DVD) allows you to set the level necessary to prohibit children from viewing harmful movies such as those with violence, adult subjects.

Hi-Def Conversion

◆ Many home theater aficionados find themselves lacking high-definition programming. The DVD-HD850/HD960DVD open a vast library of DVD material by up-converting a DVD’s native resolution (480p) to output high definition formats (720p/768p/1080i). This process takes place entirely in the digital domain (in the DVD player rather than in the TV) which eliminates data loss and other artifacts associated with analog conversion.

DVD-HD960 Step-up Features

◆ Incorporates DCDi for smoother image resolution. Faroudja’s acclaimed DCDi de-interlacing technology analyzes video pixel-by-pixel to produce clear and natural images. No jagged lines, no blurs. Your eyes feel very comfortable. By adopting Faroudja’s award-winning technology, the DVD-HD960 corrects vibration, stair-stepping, cut-off, and other standard video processing artifacts that commonly occur.

◆ Faroudja’s Cross Color Suppression technology eliminates any cross color artifacts that have been encoded onto DVDs. No flickering, no leafy scenery. Your eyes feel at ease.

◆ TrueLife™ Tech (Color Advanced) enhances image details and colors, and improves depth perception by sharing edges. No visual artifacts, no distortion.

◆ Can play DVDs & CDs that have DivX movies downloaded via computer and enjoy watching them on the large-scale TV.

◆ Up converts DVDs all the way up to a near HD, super crisp 1080p resolution.
An award-winning line with three enhanced combination players, the DVD-V5650 (silver), DVD-V8650 (black), and DVD-V9650 (black) offer the best in DVD and VHS capability in a sleek, space-saving design. Besides offering progressive 480p DVD playback, they integrate a 4-head Hi-Fi VCR, ensuring easy hook-up and playback no matter the media type. They are compatible with most DVD/CD formats and offer front A/V input jacks.

The DVD-V8650 steps-up with a 10-in-2 multi-card reader for digital photo viewing that accepts virtually every popular format of memory card, including SD, Compact Flash, Mini SD, XD, MMC, Smart Media, Memory Stick and Memory Stick Pro. For HDTV owners, the DVD-V9650 combines DVD and VCR capabilities along with advanced hi-def conversion technology that up-converts a DVD’s native resolution (480p) to high-definition formats (720p/768p/1080i). This allows HDTV owners to view their existing collections of DVDs and VHS tapes in high-resolution formats. An HDMI port facilitates connections between components. The DVD-V9650 also includes a multi-TU (DVD/VCR/TV) remote control.

**FEATURES**

**DVD Section**
- Dual-mode optical pick-up ensures compatibility with DVD, DVD-R/RW, DVD+R/RW, and CD-R/RW discs encoded with MP3, WMA, MPEG, JPEG and DivX files.
- Component video and 480P progressive scan video output for connecting to the latest large-screen direct view and projection televisions without blur or distortion, bringing new realism to DVD movies.
- 2x Audio Playback delivers clear audio as the disc is played at double speed. This allows you to find the exact moment on the disc you are searching for.
- Analog left/right audio output provides Dolby Surround encoded audio for superb stereo, or complete surround sound when connected to a Dolby Pro-Logic receiver.
- Coaxial digital audio output
- EZ View Letter Box Eliminator gets rid of the black letterbox bars of 4:3 TV screens with the push of a button on the remote control.
- Motion Zoom allows extreme magnification of selected screen areas, without distortion even as the movie is playing.

**VHS Section**
- VHS Hi-Fi stereo provides top quality video and audio recording from your favorite stations and external source components.
- Dual Azimuth 4 Head system ensures jitter-free video performance even when using scan and still modes.
- Timer recording (VCR) 7 Events/1 Month automatically starts and stops recording at time and date set by the user
- Auto clock set automatically sets the month, day, year and time when connected to a cable or antenna and is turned off.

**DVD-V8650 Step-up Features**
- 10-in-2 Multi-Card reader compatible with SD, Compact Flash, Mini SD, XD, MMC, Smart Media, Memory Stick and Memory Stick Pro. Now you can view digital pictures on a TV or listen to audio files on a main audio system, instead of having to rely on a computer.
- Coaxial and optical digital audio output

**DVD-V9650 Step-up Features**
- Given the increasing growth of HDTV, home theater aficionados find themselves with digital televisions but a lack of high-definition programming to make the best use of their investment. The DVD-V9650 opens a vast library of DVD material by up-converting a DVD’s native resolution (480p) to output high definition formats (720p/768p/1080i). Significantly, this process takes place entirely in the digital domain (in the DVD player rather than in the TV) which eliminates data loss and other artifacts associated with analog conversion.
- Has an HDMI (High-Definition Multimedia Interface) connection to stream multi-channel digital audio and video information on one cable to compatible digital TVs and monitors.
DVD PLAYERS & RECORDERS
SAMSUNG

DVD-R130 • DVD-R135 • DVD-R145

DVD Recorders

The perfect DVD recorder solution for everyday recording needs, the elegant, ultra-slim DVD-R130 records in DVD-RAM and DVD-R/RW formats with an Auto Chapter Creator function for added convenience, as well as the quick start-up recording feature. A wide variety of video playback formats including DVD-RAM, DVD-Video DVD-R/RW and MP3 files on CD-R/RW discs give you assurance that your favorite music and video entertainment will be playable. For added flexibility and convenience, the DVD-R130 offers front composite video and DV-inputs.

The DVD-R135 steps up with HDMI and is perfect for HDTV owners with its 1080i HD up-conversion abilities. Also offers DivX playback. The DVD-R145 includes all of the above advanced features as well as some notable extras including Dual Layer Recording, Cable Box Control, and Time Slip Recording with DVD-RAM. Each has a sleek black design that suitably matches Samsung’s stylish HDTVs, as well as a slim body that makes for easy stacking. Each features high-speed audio, which allows you to play back and listen to video in 1.5X high speed, Auto Chapter Creator and quick startup recording, which improves the speed when beginning to record to one second.

**FEATURES**

- Powered by SMART RP technology, they support three recording formats (DVD-RAM, DVD-R and DVD-RW) and offer a ‘Time Shift’ function on the DVD-RAM. Simultaneous recording and playback is available as well as live picture ‘Pause and Replay’.
- Time Slip provides two features that give you added flexibility and control when recording on discs: Chasing Playback and simultaneous recording & playback.
- Auto Fit Recording automatically detects remaining disc space and sets up the best recording mode.
- ‘One-Touch’ and timer recording options offer extra convenience:
  - One Touch Recording lets you select up to four hour record periods in half hour increments from a single button on the remote.
  - Timer Recording enables automatic recording of a favorite TV show when you’re not home. Just set the time and the date and the recorder will automatically record it.
- 480p progressive scan output ensures pristine, flicker-free images with a compatible TV and sound quality is addressed with Digital Noise Reduction.
- In addition to front composite A/V inputs a front IEEE i394 DV input lets you edit and record from a DV camcorder directly onto a DVD disc through a single cable—without losing image quality.
- Use the integrated menu system to edit video content. You can perform basic (Title List) and advanced editing (Play List) on DVD-RAM and DVD-RW discs. For the Title List, you can rename, lock or delete a title.
- Auto Chapter Creator function lets you record a TV show or video clips from a camcorder onto a DVD disc and chapters are automatically created. This means you will no longer have to spend time searching an entire DVD looking for just the right spot.
- Auto clock set automatically sets the month, day, year and time when the unit is connected to a cable or antenna and is turned off.

**DVD-R135 Step-up Features**

- HDMI transfers 720p/1080i HD video and audio from the DVD Recorder to TV, receiver, or other digital AV components. Connects via a single HDMI cable for high quality pictures and sound.
- DivX Playback lets you watch DivX movies downloaded via computer on wide screen TV
- Up-converts the resolution of ordinary DVDs to 1080p/1080i/720p/high-definition.

**DVD-R145 Step-up Features**

- Record on both +R and -R Dual Layer discs. A single dual-layer DVD disc can hold over 14 hours of programming—so you can archive whole seasons of your favorite TV shows on one disc!
- Time slip recording (DVD-RAM): Record and playback from a disc at the same time. Pause and then continue watching where you left off—while the rest of the show is being recorded.
- Cable box control turns on your cable box and changes channels to record at a preset time. Record with only one remote control.
DVD PLAYERS & RECORDERS
SAMSUNG

DVD-VR330 • DVD-VR335 • DVD-VR345

DVD/VHS Combo Recorders

Otherwise the same as their DVD-R130, 135, 145 counterparts (previous page), the DVD-VR330, 335 and 345 are DVD/VHS combo recorders that lets users archive their cherished collections of VHS tapes by recording them onto DVDs at the touch of a button, or record directly from TV to either format. EVQ (Enhanced Video Quality) feature ensures exceptional picture quality every time. EVQ reduces pixel noise produced during digital signal processing, mitigates the cross color phenomenon occasionally produced by separation of Y/C signal and enhances sharpness.

FEATURES

◆ The DVD-VR330 provides super multi-format playback / recording and a smooth 480P progressive scan image. The unit also features an automatic chapter creator and front DV-inputs for true digital transfer from a digital camcorder.
◆ The DVD-VR335 includes all of the above as well as HDMI out and the ability to upconvert DVDs to near HD quality, up to 1080i.
◆ The DVD-VR345 upconverts the signal by way of HDMI output, only on line out.
◆ In addition to the upconversion capability, the DVD-VR345 also boasts a super multi format play & record feature, which minimizes any confusion by supporting any format DVD disc, and dual layer recording support, which doubles the potential record time on each DVD to 8.6 GB-14.4hrs in EP-when using dual layer DVDs to record.
◆ This advanced recorder comes with DivX codec preinstalled, letting users convert bulky videos into smaller DivX files. Insert DVDs and CDs that have DivX movies downloaded via computer and enjoy watching them on a large screen TV.
◆ The DVD-VR345 also offers STB (set top box) control and Time Slip via RAM.

BD-P1000 Blu-ray Disc Player

Samsung presents the highest-definition playback in the world - the Blu-ray disc player. You will marvel at the clarity and full-color spectrum of every scene, while multi-channel sound puts you in the center of the action. Samsung technology also offers backward compatibility, letting you enjoy your favorite current DVD and CDs. When viewing your existing library, the Blu-ray player will up-convert them to a near hi-def experience.

◆ Hi-Definition playback to HDTV via HDMI connection.
◆ 10-in-2 memory card Interface lets you play movie clips, view digital photos or listen to MP3 files using any type of memory card. The two slots on the BD-P1000 accept virtually every memory card format made.
◆ Includes various user interface menus & subtitle functions allowing users to easily discover and search for detailed content regarding the video. The full-color, high-definition animated menu and subtitle effects allows you to incorporate your own personal creative touch.
◆ With the easy top menu, you change the font & color of subtitles and menu titles as well as the background color and menu graphic-all to fit your individual style. A pop-up menu provides information which is already stored in the contents.
◆ HDMI output with 1080p/1080i/720p/upconversion.
◆ MPEG2, VC-1, H.264, HD JPEG decoding
◆ Dolby Digital, Dolby Digital Plus, DTS, MP3 audio decoding

(212) 444-5003 • 1-800-947-9903 • Quick Dial 813
DVP-NS55P • DVP-NS75H • DVP-NS90V • DVP-NC85H

Progressive-Scan DVD Players

Affordable, functional and reliable, Sony’s elegantly designed DVD players also offer high performance and flexibility. Incorporating Sony’s Precision Cinema Progressive technology and Precision Drive 3 systems, they deliver a picture that is more faithful to the source and virtually free of errors that a warped disc can produce.

The **DVP-NS55PS (silver)/DVP-NS55PB (black)** features 3:2 pull-down 480p progressive scan, 12-bit/108 MHz converter, Dolby Digital and DTS coaxial output. Plays DVD-R/RW, DVD+R/+RW, DVD+R DL, CD-R/RW discs, as well as MP3 files stored on CD-R/RW, DVD-R/-RW/+R/+RW, as well as view JPEG images stored on CDs, DVDs or Kodak photo discs. For added convenience, it offers Picture Navigation, Sony’s Quick Set-up, 10-second instant replay, Fast/Slow Playback with Sound, Virtual Surround Sound, custom parental control, and wireless remote control.

The **DVP-NS75H** steps-up with 720p/1080i upsampling video output through an HDMI connection to provide the clearest, most uncompressed picture to date, coaxial and optical outputs, and A/V Sync, which aligns audio and video playback.

The **DVP-NS90V** steps up with Super Audio CD (SACD) capability, Dolby Digital and DTS audio output and individual speaker settings for optimum sound reproduction. The **DVP-NC85HS (silver) / DVP-NC85HB (black)** DVD/CD changer also offers HDMI interface with 720p/1080i upconversion.

**FEATURES**

**Video**
- **Precision Drive 3 System** compensates for warped discs by moving the lens-instead of the entire optical block-for faster and more accurate error correction in DVD discs.
- **Sony’s Precision Cinema Progressive system** detects image change at the pixel level. The picture is more faithful to the source-whether film or video-because separate, optimized algorithms are used to handle the differing pixel behavior.
- **Component video output** maintains the highest possible image quality. Offers composite and S-Video output as well.
- **480p Progressive Scan** with full 3-2 Reverse conversion delivers beautiful, film-like images when used with the latest HDTVs.
- **Digital Video Enhancer** improves contrast and picture detail while controlling unwanted artifacts that degrade picture quality.

**Audio**
- **Stellar 192kHz/24-bit audio** adds breathtaking realism and impact.
- **Dolby Digital and DTS digital** (coaxial) output for 5.1 surround sound when connected to an A/V receiver with built-in Dolby Digital and/or DTS decoder.
- **TV Virtual Surround Sound** generates the effect of surround sound, using just the speakers in your TV. Offers various surround modes including dynamic, wide, standard and night for sound reduction at late hours.
- **Playing MP3 files** couldn’t be easier. Just insert an MP3 encoded disc and press MENU. A blue screen pops up to display your folders. Scroll down the list using the remote or front panel cursor to select the folder you want. The green files screen pops up to show the files in the selected folder. Now just select the song you want to hear.

**High Performance**
- **SmoothScan and SmoothSlow** provide clean playback in slow motion and scan speeds. Using high-speed processing, the system provides smooth, natural pictures in special effects modes, such as Frame Advance, Slow Motion (1/10 and 1/5 speed) and High-Speed Search (2x, 10x and 30x), in forward or reverse.
- **CD Text and DVD Text display** (using compatible CDs) shows song titles, artist name and disc titles. DVD text equipped discs will display titles, a jacket picture and other information.
- **Sometimes you come back to the movie and you don’t remember where you left off.** The multi-disc resume feature stores the point where you stopped and resumes playback at that point the next time you put the disc in your player (up to 6 discs).
Conveniences

- Custom Parental Control (up to 40 discs) “locks” mature-content discs with a 4-digit code, even if the discs don’t carry and MPAA rating.
- Instant Replay (goes back ten seconds) at the touch of a button is great for those times when you miss a line of dialogue.
- As soon as you connect the player, Sony’s Quick Set-up screen appears, guiding you through the initial menu set-up choices to optimize the DVD player for your particular system set-up.
- Fast/Slow playback with sound lets you play video at fast forward or slow motion with recognizable audio and compatibility with long-playing DVD+R Double Layer.
- Screen saver protects your TV from burn-in when a DVD is left in pause for too long.
- When you play “anamorphic” widescreen discs on a standard 4:3 TV, letterbox pictures are actually created by the player’s internal filter. Sony’s 4-tap weighted average design minimizes flicker and reduces jagged edges.
- Outputs include composite, component, S-Video and analog stereo. Dolby Digital and DTS output are available via coax.
- Supplied multi-brand remote also operates Sony and other brands of TVs and the volume control for 8 brands of A/V Receiver.

DVP-NS75H Step-up Features

- Up-scales video to 1080i/720p high definition resolution and transmits high quality audio through a High Definition Multimedia Interface (HDMI). HDMI connections allow for the transfer of uncompressed digital signals to other HDMI equipped components such as Sony’s Grand WEGA LCD rear projection high definition televisions.
- A/V Sync allows for the alignment of the audio tracks to match the video—necessary for some newer TVs that have video buffers or delays.
- Coaxial and optical outputs.

DVP-NS90V Step-up Features

- SA-CD playback and Dolby Digital and DTS audio output.
- Dolby Digital and DTS audio output and individual speaker settings for optimum sound reproduction.

DVP-CX995V 400-Disc Super Audio/DVD Changer

With enhanced technology and disc management tools the DVP-CX995V takes entertainment to the next level. It features Sony’s proprietary Disc Explorer for ease of use when managing discs, so whether it’s sorting, filing or categorizing, the DVP-CX995V provides an efficient solution. In addition, it uses an exclusive mechanism, giving it the ability to play single-sided discs or a selected side of dual-sided discs. With the touch of the “FLIP” button, the disc carousel is rotated 180° (or one-half revolution) and the disc is returned into the drive from the opposite side of the mechanism for playback.

The DVP-CX995V also up-scales video to high definition (1080i/720p) resolution and transmits high quality audio through a High Definition Multimedia Interface (HDMI). It features coaxial and optical Dolby Digital and DTS output. Offers DVD-R/-W, DVD+R/+W, MP3, JPEG, CD-R/RW, VCD and SVCD playback. Additional convenience features include parental controls (400 discs), playback memory (400 discs) and a universal remote control.

Disc Explorer — 400 Disc Management System

With libraries of DVD movies, shows and concerts, music CDs and image CDs growing rapidly, the DVP-CX995V is the perfect way for people to organize their entertainment life. But you have 400 discs loaded, you need a powerful system of organization. Equipped with the re-designed Disc Explorer, the on-screen graphic user interface provides intuitive access to an expansive disc library making it easy to locate your favorite movies and SA-CD music.

Disc Explorer brings up a full-screen, scrollable list of all loaded discs, including each one’s format (CD or DVD), title, artist and genre (Comedy, Action, Classical, Jazz, Sci-Fi, Rock, etc.). There is also a thumbnail image that gets loaded automatically from DVDs that take advantage of the Jacket Picture extension. For other DVD discs and CDs, thumbnails are provided according to genre from a built-in library.

You can sort the entire collection alphabetically, by slot number or by genre. But that is just the beginning. You can organize discs by folder (just like the folders on your computer screen). Discs are assigned automatically to folders labeled DVD and CD; in addition, you can assign each disc to one of four folders, which can be named “Dad”, “Jazz”, “Kid”, etc. Titles and artists names are automatically picked up from discs with CD or DVD Text. Other discs can be assigned Disc Memo names up to 16 characters via an on-screen keyboard or by plugging a PC keyboard into the changer’s keyboard port. You can sort the discs in each folder by name, slot number or genre.

DVP-NC85H 5-Disc DVD Progressive Scan Changer

Need more versatile home entertainment? The DVP-NC85HS (silver)/DVP-NC85HB (black) is an advanced five-disc DVD carousel changers that lets you play any mix of up to 5 CDs and/or DVDs—the answer for those with large and growing collections of DVD and CD titles.

It features Precision Cinema Progressive technology and Precision Drive 3 for high quality video output. With Fast/Slow Playback With Sound, A/V Sync, Dolby Digital and DTS 5.1 output and coaxial and optical digital outputs. Also delivers flexible playback with DVD-R/RW, DVD+R/RW, MP3, JPEG, CD-R/RW, VCD and SVCD compatibility.
SLV-D370P • SLV-D570H
DVD Player/VHS VCR Combo

The versatile and convenient SLV-D370P and SLV-D570H are 2-in-1 combo players that combine a progressive scan DVD player with a highly-advanced Hi-Fi VCR, and front A/V inputs for your camcorder or game system. They provide superb sound with Dolby Digital and DTS surround output, and are compatible with DVD-R/RW, DVD+R/+RW, DVD+R DL, CD-R/RW discs. They also playback MP3 files on CD-R/RW, DVD-R/-RW/+R/+RW, as well as view JPEG images stored on CDs, DVDs or Kodak photo discs. For convenience they offer Fast/Slow Playback with Sound and fast (60-sec.) rewinding of VHS tapes. With one easy connection to your TV, you just plug it in, and the clock and channels are automatically set—and you only need one remote to control both the DVD and VCR. The SLV-D570H DVD steps up with 720p/1080i DVD upscaling through an integrated HDMI connection, and VCR Plus+, which simplifies setting the VCR to record television programming.

**DVD Section**
- Compatible with DVD, DVD+R/RW, DVD-R/RW (Video Mode), DVD+R DL (Dual Layer) CD, SVCD, VCD and CD-R/RW with JPEG/MP3 embedded files.
- Progressive output for DVD (480P)
- Virtual Surround Sound
- Frame Advance (Forward)
- Screen Zoom Function
- Parental Lock
- Includes multi-brand TV remote control
- Play video at fast forward or slow motion with recognizable audio.
- Component and S-Video output for DVD
- Coaxial & optical digital output for DVD
- Front A/V inputs for camcorder or game system

**SLV-D570H Step-up Features**
- 720p/1080i DVD upscaling through an integrated HDMI connection
- VCR Plus+ programming, plus a quickset timer dial that lets you program your VCR with just a quick turn of the wrist. Press the quickset timer dial to activate the system. Turn the knob to set the date, start time, stop time, and channel.

**VCR Section**
- 4-Head Hi-Fi VHS video cassette recorder
- 19-micron wide heads for optimized EP recording
- S-VHS Quasi Playback
- Rewind a T-120 tape in 60 seconds
- Plug and play setup for tuner & clock
- Automatic head cleaner
- 1-Month/8-Event recording timer
- Commercial Skip; Screen Saver

**SLV-N750 • SLV-N900 VHS Hi-Fi VCRs**

The SLV-N750 and SLV-N900 are 4-head VHS Hi-Fi VCRs made with your home theater in mind. They have a 17” chassis and a silver finish that complements your flat panel TV. They feature Quasi S-VHS playback and can rewind a T-120 tape in about 60 seconds, and They also include include a multi-brand TV remote control, Commercial Skip, and are easy to set-up and use. The SLV-N900 steps up with Quickset Timer Dial, cable box/satellite box control, Control S input and a jog shuttle dial.

- 19 microns-wide video heads for optimized EP recording
- 4-head recording and playback allows crystal clear freeze frame, frame advance and high-speed search in forward and reverse.
- Commercial Skip in 30 second increments
- Autoclock set means no more flashing "12:00". VCR sets its own clock, using date and time signals from local PBS stations.
- MTS stereo tuner receives stereo broadcasts, even if you don’t own a stereo TV.
- Front A/V inputs to connect your camcorder or game console.

**SLV-900 Step-up Features**
- Press the Advanced Quickset timer dial to activate the system. Turn the knob to set the date, start time, stop time, and channel. You’re done! No menus to navigate and you don’t even have to have the TV on.
- Built-in cable box/satellite box control, Control S input and a jog shuttle dial.
Hi-Fi COMPONENTS

**RCD-W500C CD Player/Recorder**
Make your own music mixes and enjoy the sonic results. The RCD-W500 features a 5-CD/Dual Deck with 4x high-speed dubbing and CD, CD-R, CD-RW, and MP3 playback capability. It records to CD-R/RW and offers SBM - Super Bit Mapping recording and high-speed finalizing, and CD Text Entry. For convenience, it offers 24-Step Program Play, One-Touch Synchro Start/Record, and a supplied remote control.

**CDP-CE375 5-Disc CD Changer**
Your music has never sounded this good. Play your tunes on the CDP-CE375 for a superb sound experience. This 5-disc changer features CD-R/RW playback capability so you can enjoy your homemade music mixes as well as the latest industry releases. Additional features include a headphone jack & volume control, 20-track music calendar, and 32-step programming. Use the Jog Dial control with Direct Access track selection to control your listening experience and get ready to rock.

**CDP-CX355 300-Disc MegaStorage CD Changer**
Created for extensive CD collections of music connoisseurs and avid CD listeners alike. Featuring CD-R/CD-RW playback, it allows you to play your homemade music mixes as well as your commercial CDs. Additional features include Twin Jog Dial, Custom File Memo, CD Text, MegaChanger Control, optical digital output, two repeat modes (Disc or Track), and 32-step Program Play, providing all the tools you need to organize your CDs. Includes Remote Commander Remote Control.

**CDP-CX455 400-Disc MegaStorage CD Changer**
Perfect for your extensive CD collection. Access your CDs with ease using Twin Jog Dial and enjoy MP3 and CD-R/CD-RW playback. Utilize features like Custom File Memo, MegaChanger Control, optical digital output, CD Text, and two repeat modes (Disc or Track) to make the most of your music. Additional features include keyboard input, FL Display, 32 Step Program Play, Control A1 II, and a remote control.
- Advanced Mega Control for up to 400 additional discs
- Mega Control allows X-Fade Play/No-Delay Play between changers
- Custom File Disc Memo display 20 characters
- Classify discs according to artist name
- Jog Dial control with Direct Access Track Selection

**SCD-CE595 Super Audio CD Player**
Enhance your music experience. Featuring multi-channel Super Audio CD, the SCD-CE595 offers a superb sound experience. Additional features include CD/CD-R/CD-RW playback capability, multi-channel management system and multi-channel direct stream digital decoder. Use the Jog Dial control with Direct Access track selection to control your listening experience and get ready to rock.
- Multi-Channel Management System
- Direct Disc Selection plus Track Access via Jog Dial Control
- All Disc/All Track Repeat Function via Remote
- SACD Text/CD Text Capability
- Unbalanced Audio Output
- Optical and digital outputs for CD selection

**TC-W475 Cassette Player/Recorder**
The TC-W475 is packed with features that enable a great listening and recording experience. Utilize the Dual auto reverse feature as you listen, and hear the difference that Dolby B and C noise reduction makes as it suppresses high frequency noise. Also featuring Dolby HX Pro circuitry, Auto Record Level, Multi-AMS track search, Relay Play, and Full-logic feather-touch transport controls. Remote control capable with Sony A/V receivers.

**PS-LX250H Fully-Automatic Turntable**
The PS-LX250H offers you a way to save your LP records from extinction. Features fully automatic operation, front mounted controls, built-in Phono Pre-amp, 33-1/3 and 45 RPM speeds, and Belt Drive System. Includes dust cover and moving magnet phono cartridge.

**PS-LX350H Manual Turntable**
The PS-LX350H features Pitch Control, a full-size aluminum platter, Servo Speed Control, a Strobe, S-Shaped Static Balance Tonearm, and 33-1/3 and 45 rpm speeds. Includes dust cover and moving magnet phono cartridge.
DVD Recorder and DVD/VHS Recorder Combo

Just 2-inches high, the RDR-GX330 is a high performance DVD recorder designed for both first time users as well as sophisticated time shifters to produce high quality DVD recordings from a variety of original sources. In addition to being compatible with a wide range of DVD formats including DVD-R/RW and DVD+R/RW discs, it is also compatible with DVD+R double-layer discs for longer recording time. Variable bit rate recording (60-360 minutes) gives added flexibility when recording your favorite programs, while an easy-to-use graphical user interface (GUI) helps make recording from broadcast programs via off-air antenna, cable, or satellite receivers—very easy. It also features i.LINK One Touch Dubbing and chasing playback, which allows for simultaneous recording and playback on DVD-RW discs.

DVD recording and dubbing has never been easier. The RDR-VX530 offers 2-way One Touch Dubbing between DVD and VCR. It also includes i.LINK (IEEE 1394) One-Touch Dubbing for easy transfer of DV content from digital camcorders. The RDR-VX530 also features progressive scan output, component output for both DVD and VCR, and IR blaster that enables it to change the channel on most cable boxes and satellite receivers to allow for easy timer programming. Flash Rewind allows a T-120 tape to be rewound in about 60 seconds. Supports recording and playback of DVD+R/+RW/+R double layer discs and it can playback DVD, DVD-RAM, CD, along with JPEG and MP3 files stored on CD or DVDs.

**FEATURES**

- Precision Cinema Progressive playback, which incorporates Pixel-by-Pixel I/P Conversion technology, augments and balances DVD-video elements. Additionally, a 12-bit/108MHz Video D/A Converter ensures exceptional picture quality for an unforgettable viewing experience.

- For greater playback/record flexibility, the recorder includes ‘chasing playback’, allowing you to rewind the recorded material while it’s still recording to view and catch up to the real time recording. Simultaneous recording and playback allows you to watch pre-recorded content while recording new content on the same disc.

- To further improve picture quality, Time Base Correction, Pre Frame Noise Reduction and Pre-video Equalizer technologies rebalance and equalize video content before it is recorded onto a DVD, improving the original source content before the encoding process begins. Very useful when recording from low resolution sources such as VHS tapes.

- For added convenience, they have the ability to control satellite receivers and cable boxes through their IR blaster. Instead of fumbling with two remote controls when using the “timer” function to record your favorite program, the supplied remote control allows users to select the channel directly from the set top boxes.

- In the output phase, Post Frame Noise Reduction, Block Noise Reduction and Video Equalizer technologies combine to produce a richly textured visual rendition while minimizing picture interference caused by background artifacts or distortion.

- Variable bit-rate control achieves the bit-rate that most effectively improves picture quality. By varying the compression rate to match image data volume and scene complexity, it assures both high picture quality and efficient recording.

- CD Text and DVD Text display (using compatible CDs) shows song titles, artist name and disc titles. DVD text equipped discs will display titles, a jacket picture and other information.

- Digital Video Enhancer improves contrast and picture detail while also controlling artifacts that degrade picture quality.

- Fast/Slow playback with sound lets you play video at fast forward or slow motion with recognizable audio.
Dolby Digital and DTS digital optical and coaxial output

Recording hours on DVD: 1H(HQ), 1.5H(HSP), 2H(SP), 2.5H(LSP), 3H(LP), 4H(EP), 6H(SLP), 8H(SEP)

Seamless integration with DV camcorders through the front panel i.LINK IEEE1394 digital interface for easy transfer. Additionally, the i.LINK interface enables you to control the camcorder via the supplied remote control. Expediting the content transfer process, you can copy the entire contents of a DV tape by selecting the convenient one-touch dubbing feature.

Also has front composite and S-Video inputs

SmoothScan and SmoothSlow provide clean playback in slow motion and scan speeds. Using high-speed processing to read ahead and keep frames in memory, the system provides smooth, natural pictures in special effects modes, such as Frame Advance, Slow Motion (1/10 and 1/5 speed) and High-Speed Search (2x, 10x and 30x), in forward or reverse.

TV Virtual Surround Sound generates a surround sound effect, using the speakers in your TV. Surround modes include dynamic, wide, standard and night, for late hour sound reduction. Also creates a virtual center channel for clearer dialog reception.

Built-in TV tuner and timer recording function. Easy to use GUI (Graphic User Interface), on-screen electronic programing guide and IR blaster (for satellite and cable box control) make recording, editing and organizing video content a simple task.

RDR-VX530 Step-up Features

Now you can make digital archives of your favorite VHS tapes. The RDR-VX530 DVD/VCR recorder combo saves space while simplifying component hookups. Offering broad format flexibility through DVD+R/RW and DVD-R/RW versatility, the deck permits dubbing from VHS to DVD and from DVD to VHS (subject to Macrovision anti-piracy technology in the source media).

19 microns-wide video heads for optimized EP recording

4-head recording and playback allows crystal clear freeze frame, frame advance and high-speed search in forward and reverse.

What Is the Difference Between Blu-ray and HD DVD?

Although Blu-ray and HD DVD are both high-definition media formats that rely on blue-laser technology, there are some important differences between them. One of these is capacity. Because a Blu-ray player utilizes a shorter wavelength blue-violet laser than an HD DVD laser, it can focus even more closely to read more densely packed data. This allows a Blu-ray disc to have higher capacity. A standard HD DVD can hold 15 GB per side (30 GB on a dual-layer disc), whereas Blu-ray can hold 25 GB per side (50 GB on a dual-layer disc). More capacity per disc could mean more extra features included with movies, higher quality audio, or more interactivity with titles should the studios choose to incorporate these features on the discs they release.
SD-3990 • SD-4990 • SD-6980

Single-Disc Progressive Scan DVD Players

Whether you desire reference-quality video playback, multi-disc compatibility, the sonic realism of DVD-Audio—Toshiba has the right solutions for you.

Designed for the style-conscious consumer, the SD-3990 features Digital Cinema Progressive Scan, ColorStream Pro component video output, multi-disc compatibility, DivX, MP3 and WMA playback and a JPEG viewer in a super slim chassis.

Stepping up, the SD-4980 incorporates an HDMI output with video upconversion to 720p/1080i and a HD JPEG viewer.

The combination of the HDMI output and specialized MPEG Decoder/Scaler chipset, provides a solution that maximizes viewing of high resolution digital images, up to six times greater resolution than component video on a 1080i display.

The top-of-the-line SD-6980 steps up with the ability to play DVD-Audio and Super Audio (SACD) multi-channel audio formats, offers 5.1-channel output with bass management and for added convenience, has a 10-in-2 media card slot.

**FEATURES**

- DVD, DVD-R, Video CD, CD and CD-R/RW playback with DivX, MP3 and WMA
- Provides playback of DivX movies. DivX is compressed digital video that can be downloaded fast and easy over DSL or cable modems with no reduction in quality. Watch full-screen, full-motion videos from the internet that actually look and sound like what you get from your TV or DVD player, and are not the size of postage stamps.
- DivX Home Theater Certified allows playback of DivX (.div/.dvix), AVI and MPEG4 (.ASF) compressed files downloaded from the internet and stored on a CD-R/RW. The support extends to full version of DivX 3.11, 4.12 and 5x as well as DivX PRO, with video resolutions of 720 x 480 @30 fps and 720 x 576 @25 fps. Audio support for a multitude of formats including: MP3, AC-3 (2 ch and 5.1 ch), WMA, LCPM, ADPCM and Ogg Vorbis.
- ColorStream Pro component video output allows the video signal to be sent to a component equipped interlaced (analog) or progressive scan (digital) TV. When utilized, typical artifacts-like video noise, dot crawl, and flicker—are virtually eliminated, resulting in a low-noise, highly detailed picture with unequaled color purity.
- Digital Cinema Progressive (3/2 Pulldown) delivers the smoothest, most film-like images to any progressive scan television, such as an HD-compatible one, and ensures maximum resolution.
- Toshiba JPEG Viewer enables you to display digital images on any TV. Plus, load the CD with your favorite photos and create custom slideshows. An intuitive onscreen display assists in the creation of customized slideshows with a few simple clicks of the DVD player’s remote control.

**Audio**

- 24-bit/192 kHz PCM audio compatibility delivers warmer, more natural-sounding audio from many types of discs.
- MP3 and WMA compatible audio playback expands the players’ functionality to include playback of custom music collections encoded via MP3 or Windows Media Audio (WMA) digital audio formats onto CD-R or CD-RW discs.
- Dolby Digital and DTS digital (coaxial) output for 5.1 surround sound when connected to an A/V receiver with built-in Dolby Digital and/or DTS decoder.
- 3D Virtual Surround Sound mode provides a simulated surround sound effect from sources that contain only a stereo soundtrack. Convenient when playing DVDs in home theaters not equipped with multi-channel playback compatibility.
**Conveniences**

◆ Digital Power Picture Zoom (up to 4x) allows you to select an area of the picture you want to zoom in on and magnify it. Enhanced digital processing during moving or freeze-frame playback produces superior color fidelity and resolution, even when you're zoomed in. Also can be used to expand letterbox-only films to increase the viewable area on-screen.

◆ Parental control allows you to restrict the playback of DVDs that have embedded control flags/markers. This ensures greater control over DVD content.

◆ They can be set to automatically go into a screen saver mode after five minutes of inactivity. While in this mode, the Toshiba DVD logo appears and "ping-pongs" across the screen. This is very important because many movies will display the main movie menu indefinitely after the movie has ended. If left onscreen for a prolonged period, this can result in burn-in on the TV screen.

◆ Supplied remote controls all DVD functions.

**SD-4990 Step-up Features**

◆ The SD-4990 steps-up with HDMI and video upconversion to 720p/1080i. HDMI supports uncompressed digital video up to HDTV resolution. The player makes the use of this medium by up-converting standard DVD resolution to near HDTV-quality with output resolutions of 720p or 1080i.

◆ HDMI (High-Definition Multimedia Interface) streams multi-channel digital audio and digital video information on one cable to compatible digital TVs and monitors. This makes the SD-4990 ideal for today's digital TVs. And because it performs 720p/1080i Upconversion in the player, the video signal remains free from excessive digital-to-analog conversion artifacts.

◆ HD JPEG provides the ability to view megapixel images in their enhanced resolution when using HDMI and an HDTV display device. Thanks to a specialize chipset (MPEG Decoder and Scaler) and the HDMI interface with an HDTV display, megapixel JPEG images are displayed in their enhanced resolution, versus the image compression that takes place with component interfaces.

**SD-6980 Step-up Features**

◆ The SD-6980 steps-up with multi-channel audio supporting both DVD Audio and SACD (Super Audio CD). DVD-Audio and Super Audio CD (SACD) bring the high resolution multi-channel audio experience to your living room. These enhanced optical discs offer higher sampling rates, greater frequency range, and enhanced dynamic range when compared to conventional CDs.

◆ DVD-Audio Multi-Channel Playback - Enjoy playback of DVD-Audio titles encoded with higher resolution audio than standard CDs and expanded multi-channel effects. Sampling rates can be as high as 24-Bit/192kHz capturing every nuance of the recorded performance. This 'total immersion' experience can include text (song lyrics), still pictures (slide show), and moving visuals (music video).

◆ Super Audio CD Multi-Channel Playback - Offers playback of SA-CD discs recorded using Direct Stream Digital (DSD) encoding technology. The frequency response delivered by DSD is almost five times greater than that delivered by a normal CD. And, up to 70-80 minutes of both stereo and multi-channel DSD content can be encoded on a disc. Enjoy a dynamic range of 120dB compared to 96dB on CD for an exciting audio experience.

◆ 5.1 Channel Output with Bass Management provides onboard decoding of Dolby Digital, DVD-Audio, and SA-CD content with control of independent channel parameters including control for bass reproduction. Use this feature to customize the player's multi-channel audio output to your particular home theater design.

◆ 10-in-2 Media Card Slot will accept SD, Mini SD, Memory Stick, Memory Stick Pro, Memory Stick Duo, Memory Stick Duo Pro, Smart Media, XD Picture Card, Compact Flash and Multimedia (MMC) cards. By taking advantage of these different media formats the DVD player will allow playback of JPEG, WMA and MP3 files without a computer.

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**Models**

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<tr>
<th>Models</th>
<th>SD-3990</th>
<th>SD-4990</th>
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Convenient and easy-to-use combination models, the SD-V394 features a 4-head HiFi VHS VCR and a full featured DVD player offering Digital Cinema Progressive Scan (3:2 Pulldown), ColorStream Pro component video outputs, DivX, MP3 and WMA playback, a JPEG viewer, 3D Virtual Surround Sound, front panel A/V inputs and universal glowing remote with TV control. The SD-V594 steps-up with HDMI and video upconversion to 720p or 1080i, an HD JPEG viewer and a USB interface for easy multimedia playback. Both decks permit DVD playback while recording a TV broadcast on VHS, and both let you record DVDs to VHS without color distortion.

### FEATURES

**Video and Audio**
- Play DVD, DVD-R/RW, VCD and CD-R/RW, as well as CD-RW discs embedded with MP3 and WMA audio and JPEG digital photo files.
- ColorStream PRO component video outputs provides low-noise, highly detailed picture with unequaled color purity, while Digital Cinema Progressive (3:2 Pulldown) delivers the smoothest, most film-like images to any progressive scan television (HD-compatible) and ensures maximum resolution.
- 24-bit/192 kHz PCM audio compatibility delivers warmer, more natural-sounding audio from many types of discs.
- Dolby Digital and DTS digital (coaxial) output for 5.1 surround sound when connected to an A/V receiver decoders.
- DivX Home Theater Certified allows playback of DivX (.div/.dvix), AVI and MPEG4 (.ASF) compressed files downloaded from the internet and stored on a CD-R/RW. The support extends to full version of DivX 3.11, 4.12 and 5x as well as DivX PRO. Audio support for a multitude of formats including: MP3, AC-3 (2 ch and 5.1 ch), WMA, LCPM, ADPCM and Ogg Vorbis.
- 3D Virtual Surround Sound mode provides a simulated surround sound effect from stereo soundtrack.

**DVD Conveniences**
- Digital zoom lets you select an area of the picture and magnify it up to 4x) lets Also can be used to expand letterbox-only films to increase the viewable area on-screen.
- Parental control to restrict the playback of DVDs with control flags/markers.
- They can be set to go into a screen saver mode after five minutes of inactivity. This is important because if a movie is left on-screen for a prolonged period, it can result in burn-in on the TV screen.
- JPEG Viewer lets you view digital images. An intuitive on-screen display assists in the creation of customized slideshows with a few simple clicks of the remote control.
- Supplied with unified glow remote control.

**VHS 4-Head VCR**
- 4-Head/19-micron head system offers superior slow motion effects, while also significantly enhancing tapes recorded in SLP mode.
- VHS Hi-Fi Stereo can be used to create Dolby Surround, Dolby ProLogic, or Dolby ProLogic II surround sound.
- S-VHS Quasi Playback allows playback of S-VHS tapes without a reduction in quality.
- Auto Clock Set to automatically set the clock display and keep it accurate.
- Commercial Skip lets you automatically advance the tape 30- or 60-seconds forward bypassing recorded commercials.
- 1-month/8-program timer, MTS/SAP tuner, high-speed FF and REW, automatic head cleaner, and tri-lingual on-screen display.

**SD-V594 Step-up Features**
- The SD-V594 can up-convert standard DVD 480p resolution to 720p/1080i HDTV resolutions and then sends the signal uncompressed via HDMI interface to HDTV televisions.
- HD JPEG lets you view megapixel images in their enhanced resolution when using HDMI and an HDTV display device. Thanks to a specialize chipset (MPEG Decoder and Scaler) and the HDMI interface with an HDTV display, megapixel JPEG images are displayed in their enhanced resolution, versus the image compression that takes place with component interfaces.
- Featuring a USB interface, the SD-V594 can support USB storage devices for simple multimedia playback of JPEG, WMA, MP3, and DivX (unencrypted) formats. Devices include: most USB memory sticks and memory card readers, and certain other USB devices with storage capability.
FEATURES

**Video**
- Plays DVD, DVD-R/RW, VCD and CD-R/RW, as well as CD-RW discs embedded with MP3 and WMA audio and JPEG digital photo files.
- ColorStream Pro® component video outputs allow the highest quality video signal to be sent from the DVD player to a component video equipped progressive scan TV. When this connection is utilized with today’s HD-compatible sets, typical NTSC artifacts-like video noise, dot crawl, and flicker—are virtually eliminated, resulting in a low-noise, highly detailed picture with unequaled color purity.
- Digital Cinema Progressive 3:2 pulldown detection and reversal—delivers the smoothest, most film-like images to any progressive scan television, such as HDTV and ensures maximum resolution. To adapt 24 frames-per-second movies to 30 fps video, frames in the original movie must be duplicated; 3:2 pulldown digitally corrects this by removing the redundant information to display a frame-accurate picture.
- Auto Title/Chapter/Thumbnail Creation (DVD-RW VR Mode) - Recorded content remains easy to find with the help of a menu that will be automatically created when you record. It displays the date and channel you recorded, along with a thumbnail of your recording by capturing the first video frame of the recording. Chapters within the recording can also be created by either predetermined intervals, or by the user selecting specific points within the recording.
- Time Slip lets you start watching a recording that is already in progress or ‘pause’ a live recording and then return to it later. During playback of both modes, a bar graph can be displayed on-screen depicting the ‘progress’ or location of the playback signal with regards to the real time recorded signal.

**Audio**
- 3D Virtual Surround Sound mode provides a simulated surround sound effect from sources that contain only a stereo soundtrack. Convenient when playing DVDs in home theaters not equipped with multi-channel playback compatibility.
- You get vivid, realistic sound, thanks to Toshiba’s 24-bit/192 kHz pulse code modulation (PCM) audio processor. PCM audio translates digital signals from your DVDs and CDs into warmer, natural sound. The DVD player offers Dolby Digital and DTS decoding, and you can connect to a multi-channel home theater surround sound system via the coaxial digital audio output. It also produces 3D virtual surround sound from two speakers.

**Inputs/Outputs**
- There are composite audio and video rear panel inputs, as well as RF (tuner pass through only) composite and S-Video inputs with L/R audio inputs on the front panel of the unit for easy camcorder dubbing.

**Conveniences**
- Easy off-air recording with advanced timer programming functions.
- Preset bit rates and audio setting for six levels of recording options. (1Hr./2Hr./4Hr./6Hr./8Hr./10Hr.
- Auto finalization completes DVD recordings automatically to simplify the completion of the disc.
- JPEG Viewer lets you digital images. An intuitive on-screen display assists in the creation of customized slideshows with a few simple clicks of the remote control.
- Digital Picture Zoom allows you to select an area of the picture to zoom in on and magnify it. Enhanced digital processing during moving video or freeze-frame playback produces superior color fidelity and resolution, even when zoomed in. Also can be used to expand letterbox-only films to increase the viewable area on-screen.
- Timer recordings (8 programs/1 month)
- On-screen keyboard
- Fast forward with audio (1.5x speed), fast scan, and slow motion.
- Auto Channel Setup
- Auto Clock with Daylight Saving Time adjustment
- Parental control to restrict the playback of DVDs with control flags/markers.
- Supplied with unified remote control.

**DVD Recorder**
A very affordable progressive scan DVD player/recorder, the D-RW2 lets you view DVD movies as well as the ability to record programming and home video footage directly to DVD disc. It lets you record TV programming with a timer function, or with easy one-touch recording. With the JPEG Viewer, you can easily display your favorite digital photos and create custom slideshows with a few simple clicks of the player's remote control. You get six compression modes for recording from 1 hour to 10 hours of video onto one disc. Other recording features include automatic title/chapter/thumbnail creation, time base correction, and auto finalization. Playback features include fast forward with audio (1.5x speed), fast scan, and slow motion.
**D-R5**

**Multi-Drive DVD Recorder**

*Featuring multi-drive versatility, the fully equipped DR-4 can record and playback DVD-RAM, DVD-RW, and DVD-R discs. With DVD-RW compatibility, the DR-4 offers more flexibility in home recording and viewing choices. It allows you to time shift frequently watched TV shows and create recordings that are compatible with virtually every DVD player currently in the market. Additional features include Digital Cinema Progressive Scan and Colorstream Pro component video outputs, and an optical digital output round out the package. For convenience, the DR-4 offers front panel A/V and S-Video inputs and comes with a universal remote control. A simplified EASY NAVI menu allows easy access to recordings and the ability to preview those titles, as well as a convenient and intuitive access to the unit's key features.*

**FEATURES**

- ColorStream Pro component video output for the highest quality video signal and a low-noise, highly detailed picture with unique color purity.
- Digital Cinema Progressive (3/2 Pulldown) - delivers the smoothest, most film-like images to any progressive scan television.
- Time Slip lets you start watching a recording that is already in progress or ‘pause’ a live recording and then return to it later. During playback of both modes, a bar graph can be displayed on-screen depicting the ‘progress’ or location of the playback signal with regards to the real time recorded signal.
- Preset audio and video settings makes it easy to set the recording bit rate and allow you to maximize disc space based on the content to be recorded. (1-, 2-, 3-, 4- and 6-hours).
- Recorded content easy to find with the help of a menu that is automatically created when you record. It displays the date and channel you recorded, along with a thumbnail by capturing the first video frame of the recording.
- The date and channel can be change to any 64-character title and the thumbnails to any image within the recording. Chapters within the recording can also be created by selecting specific points within the recording or predetermined intervals. These chapters can also, be named and assigned a specific thumbnail from any video frame within the chapter.
- Multi-Drive Recorder
  - The DR-4 provides the greatest flexibility in recording and playback by supporting DVD-RAM, DVD-R, and DVD-RW disc formats. You’ll have the right format for every application:
    - DVD-RAM is the most flexible of the recordable DVD formats when it comes to recording, editing and playback. Even more, re-record content approximately 100,000 times!
    - DVD-R is a write-once format perfect for sharing treasured video moments with virtually anyone who has a DVD-Video player.
    - DVD-RW (VR format only) can rewrite content up to 1000 times and playback in a wide variety of computer drives and DVD-Video players.

**Conveniences**

- One-Touch Record simplifies setup of timer for recording within a 24-hour period. One button starts record and allows setting of a record length of up to 6 hours.
- EASY NAVI Menu provides quick and easy access to key features such as Timer Recording or DV Capture. Additionally the EASY nav displays a “live action window”, providing feedback whether it is recording a program, in the Time Slip mode, or playing back content with DVD-RAM.
- There are composite audio and video inputs, as well as L/R inputs on the front panel for easy camcorder dubbing. As well, an S-Video input is available on the front panel as well.
- 3D Virtual Surround Sound mode provides a simulated surround sound effect from sources that contain only a stereo soundtrack. Convenient when playing DVDs in home theaters not equipped with multi-channel playback compatibility.
- 181-channel cable compatible tuner and a 2-month, 36-event timer programming functionality. Also offers Auto channel setup, Auto Clock, Daylight Savings Time Adjust and Time Zone Adjust.
- On-screen keyboard and parental lock.
**Multi-Drive DVD Recorder/VHS VCR Combo**

The D-VR5 combines the versatility of a DVD recorder with a full-featured Hi-Fi VCR in one convenient, compact package. Combining most of the features of the D-R5 with VHS capability allows you to easily transfer content from a VHS tape to DVD or DVD content to VHS. Dubbing from VHS to DVD provides the capability of either transferring the entire tape, or transfer multiple individual segments by programming the time codes through the use of an on-screen menu. The D-VR5 lets you record and playback videos in stunning resolution on either a DVD-RAM, DVD-R or DVD-RW formatted discs. DivX Home Theater Certification allows playback of DivX, AVI and MPEG4 (.ASF) compressed files downloaded from the internet from a personal computer and stored on a CD-R/RW. The convenient HDMI inputs include both digital audio and video signals in one cable for uncompressed connection of home theater components to the television.

**Same as the D-R5 Except:**

- Built-in 4-head Hi-Fi VHS VCR with bi-directional dubbing lets you conveniently transfer content from a VHS tape to DVD or DVD to VHS. Dubbing from VHS to DVD provides the capability of transferring the entire tape from the unit’s front panel or remote control.
- Preset audio and video settings makes it easy to set the recording bit rate and allow you to maximize disc space based on the content to be recorded. (1-, 2-, 4- and 6-hours).
- Has coaxial and optical digital output.
- JPEG Viewer (not HD JPEG) lets you view your digital images. An intuitive on-screen display assists in the creation of customized slideshows with a few simple clicks of the remote control.

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<tr>
<th>Models</th>
<th>D-RW2</th>
<th>D-R5</th>
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<td>16.93 x 2.44 x 11.97&quot;</td>
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RD-XS35 • RD-XS55
DVD/HDD Combo Multi-Drive Recorders

The Multi-Drive RD-XS35 and RD-XS55 offer the option of recording on either a DVD disc or storing up to 280 or 420 hours of video on their built-in massive 160GB and 250 GB hard disk drives (respectively). This allows you to record and playback your favorite TV broadcasts as well as compile personal movie libraries for archiving and preserving family videos. They offer high speed dubbing from the HDD to DVD-RAM at up to 24x normal speed and 32x to DVD-R. They can record and playback DVD-RAM, DVD-RW and DVD-R discs and feature Time Slip function, Digital Cinema Progressive Scan and ColorStream Pro component outputs, cable and DBS box controls and multimedia playback for JPEGs, MP3 and WMA titles. The RD-XS55 steps up with Network NAVI, an Ethernet port for system networking and greater integration with a PC, and HDMI output with video upconversion to 720p/1080i.

SAME FEATURES AS THE DR-5 (No DivX) PLUS—

◆ With a built-in 160GB or 250GB hard disk drive, they can store up to 280 or 420 hours of recorded content and can be used to perform the Time Slip (Chase Play and Pause Live TV) function just like DVD-RAM. They also allow high-speed dubbing from the hard drive to DVD-RAM (12x normal speed) or DVD-R (24x normal speed) without any deterioration to the signal.

◆ To help with digital recordings, they feature TV Guide On Screen. An interactive program guide, it provides an easy to read listing of TV programs available to view or record: an 8-day program listing, flexibility of recording directly to DVD or the HDD, the ability to perform keyword searches and includes the G-Link IR Blaster for controlling cable boxes. When recording, name of the show, channel and date are automatically captured.

◆ Satellite programming and STB IR allow via IR blaster, channel control of DBS satellite boxes for manual timer programming.

◆ Preset bit rates and audio settings for 11 different recording options plus one user adjustable setting, including selections for LPCM audio recording.

◆ DV (IEEE1394 input) on the front panel allows direct dubbing from DV camcorders. The decks provide automatic recognition of the device and on-screen menu controls to easily direct the “downloading” process with the recorders remote control.

◆ EASY NAVI Menu provides quick and easy access to key features of the RD-XS55 such as Timer Recording or DV Capture. Additionally the EASY navi displays a “live action window,” providing feedback to the user on the current status of the recorder, whether it is recording a program, in the Time Slip mode, or playing back content with DVD-RAM or HDD.

RD-XS55 Step-up Features

◆ Equipped with an HDMI interface for a single cable connection to compatible digital TVs and monitors. The RD-XS55 also uses the HDMI connection to support video upconversion from 480i to 720p and 1080i HDTV level resolution. This makes the RD-XS55 a perfect match for today’s HDTVs. And because the conversion is performed in the player, the signal remains free from excessive digital-to-analog conversion artifacts.

◆ Includes Toshiba’s Network NAVI system for connection and control within a home network for: advanced editing, streaming content to a PC, e-mail timer and recordings and more.

◆ Incorporates an Ethernet port for system networking giving users the ability to dub copy free content to another room if there are two units in the house—record content in one room and watch it in another. It also allows for greater integration with a PC including the ability to:

  - Dub copy free content from another RD-XS55 to another if they are connected to the same network.
  - Stream recorded content or even live programming to a PC.
  - Edit and add title information to recorded content from a PC.
  - Upload custom menu backgrounds for creating DVD-R/RW discs.
  - Remotely schedule recordings via email.
  - Receive automatic software upgrades.
  - Use a PC scroll mouse to control the recorder for detailed video editing.

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HD (High Definition) DVD Players

The HD-A1 and HD-XA1 are HD DVD players that deliver outstanding resolution, bright, vivid colors and stunning sound from the next generation DVD standard adopted by the DVD forum. They are backwards compatible with standard DVDs and allows you to enjoy your existing collection of DVDs. They offer 720p/1080i Video Up-conversion via the HDMI interface which scales the standard DVD video to output resolution of 720p or 1080i, matching the output to the resolution of your HDTV. And with the built in multi-channel decoders for Dolby Digital, Dolby Digital Plus, Dolby TrueHD (2ch), DTS and DTS-HD, they will bring improved fidelity and sonic realism to your DVD movie soundtracks.

Stepping up, the HD-XA1 was developed not only for advancements in performance, but also for the refinements expected of a high performance player. It features a motorized door which conceals the disc drawer, function buttons and two front USB ports, for convenient connection of gaming controllers. The HD-XA1 also includes three different user selectable interfaces to further enhance customization and a backlit remote control that is conveniently motion activated. Because HD DVD Discs spin at higher revolutions than a standard DVD, accurate mechanical engineering went into the chassis design of both models. A double chassis construction is employed to add stability and strength against vibrations and the HD-XA1 adds insulated stabilizing feet to provide a steadfast foundation for the device.

**FEATURES**

- High Definition video requires a tremendous amount of space on a disc, thus a new Blue laser (versus a Red Laser for DVD) is utilized for HD DVD. The blue laser, with its shorter wave length, allows for information to be stored more densely on the disc, thus improving storage capacity about 3 times compared to that of a red laser technology.
- Compatible with the leading-edge efficient video compression standards of MPEG-4 AVC and VC-1 (based on Microsoft’s Windows Media) which compress information to achieve file sizes that are less than half of those of the current standard DVD’s MPEG2.
- HD DVD not only provides a deliverable HD media format to the home, but does so with the potential of greater performance than you have experienced with HDTV. The disc drive has an astounding 36.55Mbps transfer rate. To put that in perspective, standard DVD has an average bit rate of 10Mbps and HDTV’s maximum rate is 24Mbps.
- The HD-XA1 and HD-A1 are backwards compatible so you can continue to enjoy libraries of current DVD and CD software.
- They connect to HDTV sets via a High Definition Multimedia Interface (HDMI). They output copy-protected HD content through the HDMI interface in the native format of the HD DVD disc content of either 720p or 1080i. Through the HDMI interface, standard definition DVDs can be upconverted to output resolution of 720p or 1080i to complement the performance of a HDTV.
- They support a variety of HD audio options to complement HD video offerings. The mandatory audio formats for HD DVD include both lossy and lossless formats from Dolby Labs and DTS - including the newly developed Dolby Digital Plus and DTS-HD.
- The lossless mandatory formats include Linear PCM and Dolby TrueHD (only 2 Channel support is mandatory). The TrueHD format is bit-for-bit identical to the high resolution studio masters and can support up to eight discrete full range channels of 24-bit/96k Hz audio. Another lossless format (specified as an optional format) is DTS-HD. This employs high sampling rates of up to 192k Hz.
- Built-in multi-channel decoders for Dolby Digital, Dolby Digital Plus, Dolby TrueHD (2 channel), DTS and DTS-HD. They employ the use of four high performance DSP engines to decode the multi-channel streams of the wide array of audio formats. These high-performance processors will perform the required conversion process, as well as the extensive on-board Multi-Channel Signal Management including: User Selectable Crossovers, Delay Management and Channel Level Management.
- They can pass digital data to a surround sound processor/receiver via S/PDIF or HDMI. For Dolby Digital and DTS, the bitstream passes through both connections just as in a standard DVD player with the same interfaces. Dolby Digital Plus and DTS-HD content is converted to a standard bitstream format compatible with any processor equipped with decoders of the respective formats and output via S/PDIF and HDMI. Additionally, all the audio formats for either DVD or HD DVD will be decoded to PCM and output via HDMI in either stereo or multi-channel.
The DV-S5750 (black)/DVD-S5751SL (silver) play DVD-Video, DVD+R/+RW, SVCD, Video CD, Audio CD, and MP3, WMA, DivX and JPEG embedded discs. They feature CD upsampling, a variety of inputs and outputs and offer a host of conveniences including child lock and Night mode. The DV-S5860B (black)/DV-S5860SL step-up with the DVD-Audio and Super Audio CD (SACD) capability and are compatible with VR format recorded DVD-RW and DVD+R double layer (DL) discs.

**FEATURES**

**Audio and Video**
- The DV-S5750/DV-S5751SL offer terrific audio and video processing. 192 kHz/24-bit compatible audio digital-to-analog conversion assures that the player delivers superior sound performance. Yamaha's high quality, 12-bit, video DAC conversion assures the finest possible video performance.
- Video Picture Modes (Standard, Bright, Soft and Personal) are available for adjusting the picture to obtain maximum image quality with various sources and room lighting conditions.
- 2x and 4x CD Upsampling enables CD playback to approach the quality of DVD-Audio. Once CD Upsampling is selected, it is automatically engaged whenever a CD is played.
- Play PAL-format discs on NTSC televisions, and vice versa. The DV-S5750/DV-S5751SL convert the formats with no loss of quality.
- Compatible with DVD-Video, DVD+R/+RW, SVCD, Video CD, Audio CD, and MP3, WMA, DivX and JPEG embedded discs. JPEGs can be zoomed, rotated and scanned.
- Multiple Zoom function lets you vary the size of the image in six steps: 1/4, 1/3, 1/2, 2x, 3x an d 4x.

**Conveniences**
- The unique screen saver feature dims the screen to 75% when in the pause mode.
- Resume play allows you to interrupt a movie to go to a feature and then pick up the movie where you left off. It has a 5-disc memory.
- Child Lock allows parents the option of denying play of any specific DVD or VCD.
- Control and operation of the DV-S5750/DV-S5751SL is easy with the well designed remote control keypad.
- Night Mode lets you reduce the volume and still enjoy proper tonal balance and dynamic range when watching movies late at night.

**Inputs/Outputs**
- You want to get the best possible picture (and audio) when you’re playing your favorite DVDs. The DV-S5750/ DV-S5715L incorporate component video outputs as well as composite and S-Video outputs. On the audio side of things, you get the use of optical and coaxial digital audio outputs for Dolby Digital, DTS, MPEG, and PMC sound. Also feature a mixed 2-channel output.

**DV-S5860B / S5860SL Step-up Features**
- Versatile format and disc compatibility such as VR format recorded DVD-RW (with CPRM) and DVD+R Double Layer (DL) playback
- They are compatible with DVD-Audio and Super Audio CD (SACD). These high-end audio formats bring the high resolution multi-channel audio experience to your living room. These enhanced optical discs offer higher sampling rates, greater frequency range, and enhanced dynamic range when compared to conventional CDs.
- Create your own home slides shows with JPEG and MP3 simultaneous playback. Pick your favorite JPEG images and then select your favorite songs and transfer them to an MP3 format and you’ve got the perfect soundtrack to go with your pictures.
- If you’d like to review a particular part of a DVD set the repeat functions and see only those parts you need, over and over again. Or if you have little ones you can set a learning schedule for them and program in the DVD segments you want them to be focusing on for the day.
Yamaha's amazingly affordable state-of-the-art DV-S5770 is equipped to make the most of your home entertainment, from ultra-high-resolution audio and video performance to MP3 listening convenience and digital-photo viewing. The unit's dual-format DVD-Audio and SACD playback gives you complete listening freedom where most players make you choose one format over the other. Further, the DV-S5770’s progressive-scan video output and DCDi processing optimize the player for use with today's and tomorrow's high-definition and HD-ready TVs.

FEATURES

◆ Incorporates special technology from Faroudja to enhance all incoming interlaced video. Faroudja’s DCDi (Directional Correlation Deinterlacing) is a video algorithm that virtually alleviates jagged oblique lines that appear when standard interlaced video is viewed on progressive scan displays, enabling the reproduction of beautiful, natural-looking moving images. It’s used to upconvert standard definition material (480i) on conventional TVs to enhanced-definition quality (480p).

◆ Compatible with DVD-Audio and Super Audio CD (SACD). These high-end audio formats bring the high resolution multi-channel audio experience to your living room. These enhanced optical discs offer higher sampling rates, greater frequency range, and enhanced dynamic range when compared to conventional CDs.

◆ A set of stereo and a set of multichannel analog-audio outputs route audio from DVD-Audio/SACDs and Dolby Digital- and DTS-encoded DVDs to your A/V receiver.

◆ Dolby Digital and DTS 5.1-channel surround-sound signals can be routed through the player’s digital-audio outputs (one coaxial and optical) for simpler connection with your receiver.

◆ The DV-S5770 also performs 3:2 pulldown detection. DVD mastering introduces a common distortion when adjusting 24-frames-per-second movies to 30 fps video; reverse 3:2 pulldown digitally corrects this distortion, removing the redundant information to display a film-frame-accurate picture.

◆ Corrosion-resistant gold-plated terminals
## Case Logic

### CD/DVD Cases - Disc Wallets
- Wallet holds CDs/without Jewel Cases
- Patented polypropylene ProSleeves® keep dirt away to prevent scratching of delicate Disc surface
- Innovative fast-file pockets
- Resistant to heat, moisture and tearing.

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### ProSleeve II - Disc Binders
- Wallet holds CDs/DVDs without Jewel Cases
- Sleeves with writable strip
- Durable, zippered binder keeps dirt away

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<tr>
<td>25 CD Storage Pages</td>
<td>$4.99</td>
</tr>
<tr>
<td>50 CD Storage Pages</td>
<td>$7.95</td>
</tr>
</tbody>
</table>

### DVD Albums
- 3-ring binder with removable ProSleeve pages
- See-through front pocket holds movie title notes

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 DVDs/25 titles</td>
<td>$21.95</td>
</tr>
<tr>
<td>60 CDs/DVDs (DVB60)</td>
<td>$28.95</td>
</tr>
<tr>
<td>140 CDs/DVDs (DVB140)</td>
<td>$29.95</td>
</tr>
<tr>
<td>10 Refill Pages</td>
<td>$8.95</td>
</tr>
<tr>
<td>5 Refill Pages</td>
<td>$4.95</td>
</tr>
</tbody>
</table>

### ProSleeve II - Disc Binders
- CD/DVD storage sleeves with patented writable strip make organizing your CDs easy
- 4 universal binder holes allow CD sleeves to fit Disc Binders and standard ring binders

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 CDs (CDE24)</td>
<td>$8.95</td>
</tr>
<tr>
<td>48 CDs Black</td>
<td>$13.95</td>
</tr>
<tr>
<td>48 CDs Red</td>
<td>$13.95</td>
</tr>
<tr>
<td>72 CDs</td>
<td>$16.95</td>
</tr>
<tr>
<td>128 CDs</td>
<td>$24.95</td>
</tr>
</tbody>
</table>

### EZ CD/DVD Dispenser
- Universal Blank CD/DVD Dispenser can hold up to 100 (depending on size of box) discs and dispenses one at a time when the lever is pulled. Organize various media
- Easier to use than spindles with cake box lids. Economic disc storage.

<table>
<thead>
<tr>
<th>Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>$8.95</td>
</tr>
<tr>
<td>Blue</td>
<td>$8.95</td>
</tr>
<tr>
<td>Orange</td>
<td>$8.95</td>
</tr>
</tbody>
</table>

### BRYCO

#### Mountable Storage Rack
- Charcoal gray plastic storage rack for CDs.
- Wall mountable rack
- Organize your media and keep them safe from damage. Durable and guaranteed to last

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 CDs/DVDs (CDP60)</td>
<td>$19.95</td>
</tr>
<tr>
<td>20 DVDs (DADVD20)</td>
<td>$16.95</td>
</tr>
</tbody>
</table>

### NORAZZA

#### CD/DVD Data Destroyer
- The Data Destroyer damages disks on both sides, leaving your unwanted DVDs and CDs unreadable
- Destroys 15 disks per minute

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 DVDs/DVDs</td>
<td>$319.95</td>
</tr>
</tbody>
</table>

### NORAZZA

#### CD/DVD Data Destroyer
- Destroys up to 100 disks at a time. About 5 minutes is all it takes to have all 100 discs destroyed

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 DVDs/DVDs</td>
<td>$319.95</td>
</tr>
</tbody>
</table>

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www.bhphotovideo.com
CD/DVD ACCESSORIES

**Merit-Line**

- **Black Slim Jewel Cases**
  50-pack for CDs and DVDs
  \( \text{(MEBSJC50)} \) \( \ldots \) \$9.99

- **Color Slim Jewel Cases**
  50-Pack for CDs and DVDs
  \( \text{(MECSJC50)} \) \( \ldots \) \$8.99

- **Multi Color Cases**
  10-Pack for CDs and DVDs
  \( \text{(MEDVDC10)} \) \( \ldots \) \$4.95

- **Slim Ejector Cases**
  10-Pack for CDs and DVDs
  Made from shatterproof polypropylene, featuring a special 'hands free' mechanism which gently holds the disc by its edge, preventing the playing surface from becoming damaged.
  \( \text{(MESECJC10)} \) \( \ldots \) \$4.99

- **Paper Sleeves**
  with window for CDs and DVDs (25-Pack)
  \( \text{(MEPCSW25)} \) \( \ldots \) \$1.39

- **Tyvek Paper Sleeve**
  with window for CDs and DVDs (25-Pack)
  \( \text{(METCSW25)} \) \( \ldots \) \$3.99

**Inserts for DVD Cases**

- High resolution photo gloss or matte DVD case inserts
- Compatible with any inkjet or laser printer
- DVD insert cards are die-cut and perforated to allow for easy of printing, separation and insertion into DVD case
- Compatible with EZ label Pro, Click’n design
- 3D Neato & Sure Thing label software

- **Glossy Inserts**
  50 Sheets
  \( \text{(MEDVDCIG50)} \) \( \ldots \) \$19.95

- **Matte Inserts**
  50 Sheets
  \( \text{(MEDVDCIM50)} \) \( \ldots \) \$9.99

**Inserts for Jewel Case**

- Pair of J-card and tray card on one sheet
- Compatible with any inkjet or laser printer
- J-cards and tray cards are die-cut and perforated to allow for easy of printing, separation and insertion into jewel case.
- Compatible with EZ label Pro, Click’n design
- 3D Neato & Sure Thing label software

- **Matte Insert for Jewel Case** (50 Sheets)
  \( \text{(MEJCIM50)} \) \( \ldots \) \$7.49

- **Glossy Insert for Jewel Case** (50 Sheets)
  \( \text{(MEJCG50)} \) \( \ldots \) \$12.99

**TDK CD/DVD Label Kit**

**CD/DVD Labeling System**

TDK’s CD Labeling System is an affordable solution that will help you easily create your own labels and apply them to your CDs. Everything needed to make customized CD labels with your PC. You just design, print and apply. Create your own images or use the supplied clip art. Choose from a variety of different fonts, sizes, styles and colors.

Includes 50 white labels and Windows software
\( \text{(TDCDLK)} \) \( \ldots \) \$12.95

**TDK CD/DVD Markers and Slim DVD Cases**

4 Color Markers

TDK’s CD/DVD Marker pens is ideal for custom, permanent labeling of CD and DVD discs. Red, Blue, Green and Black
\( \text{(TDCDMPMC4)} \) \( \ldots \) \$4.95

**Slim DVD Cases**

TDK Slim DVD Boxes (10 Pack)
\( \text{(TDSC104)} \) \( \ldots \) \$4.95

**TDK CD/DVD LensCLEAR**

Laser Lens Cleaner

CD/DVD LensCLEAR removes contaminants from a CD/DVD player’s lens, helping prevent mistracking. Disc also includes voice tutorials about matching speaker levels, setting recording levels, car stereo testing and more.
\( \text{(TDCLCL)} \) \( \ldots \) \$7.95

**DSS CD/DVD Storage Cases**

All cases are designed for you to store your disc with it’s original marketing insert information from the jewel case. With DSS storage cases you don't have to sacrifice your song list, words or pictures from your CD’s, DVD, or Photo Disc.

- **DSS 200 CD Storage Case - Black**
  \( \text{(CADSS200CDB)} \) \( \ldots \) \$29.95

- **DSS 200 CD Storage Case - Silver**
  \( \text{(CADSS200CDS)} \) \( \ldots \) \$29.95

- **DSS 300 CD Storage Case - Black**
  \( \text{(CADSS300CDB)} \) \( \ldots \) \$39.95

- **DSS 500 CD Storage Case - Black**
  \( \text{(CADSS500CDB)} \) \( \ldots \) \$74.95

- **DSS 200 DVD Storage Case - Black**
  \( \text{(CADSS200DVDB)} \) \( \ldots \) \$39.95
## CD OPTICAL MEDIA Recordable Discs

### CD-R

CD-R is short for "CD-Recordable". Recordable CDs are WORM (Write Once, Read Multiple) media that work just like standard CDs. The advantage of CD-R over other types of optical media is that you can use the discs with a standard CD player. The disadvantage is that you can’t reuse a disc.

![CD-R](image)

- **eFilm**
  - 100 Year archival Gold by Delkin Devices. Tested for storage to 100 years.
  - Maximum resistance to oxidation.
  - 74-min./52x Archival Gold 100 Pack Spindle (DECDR100) **108.95**
  - 74-min./52x Scratchless CD-R 25 Pack Spindle (DECDRSA25) **41.95**
  - 74-min./52x Scratchless CD-R 100 Pack Spindle (DECDRSA100) **139.95**
- **Verbatim**
  - 700MB (80 Minute) 52X CD-R
  - 80-min./52x Branded Surface 50 Pack Spindle (VECDR50) **11.99**
  - 80-min./52x Branded Surface 100 Pack Spindle (VECDR100) **19.49**
  - 80-min./52x Blank White 100 Pack Spindle (VECDRWBW100) **24.95**
  - 80-min./52x Shiny Silver 100 Pack Spindle (VECDRSS100Q) **29.95**
- **Inkjet Printable**
  - 5 Vibrant Colors 10 Pack with Jewel Case (VECDRIWV50) **5.99**
  - Digital Vinyl 25 pack Spindle (VECDRDV25) **10.49**
  - Digital Vinyl 50 pack Spindle Color (VECDRDV50) **19.95**
  - Inkjet Printable White Center 50 pack Spindle (VECDRIWDV50) **22.95**
- **700MB (74 Minute) 52X CD-R Discs, CD-R Inkjet Printable**
  - Inkjet Printable White Glossy Hub 50 pack Spindle (VECDRIGH50) **24.95**
  - Inkjet Printable White Surface 50 pack Spindle (VECDRIW50) **17.95**
  - Inkjet Printable White Surface 100 pack Spindle (VECDRWW100) **30.95**
  - Inkjet Printable White Hub 50 pack Spindle (VECDRIWH50) **17.95**
  - Inkjet Printable Silver Surface 50 pack Spindle (VECDRIS50Q) **17.95**
  - Inkjet Printable Silver Hub 50 pack Spindle (VECDRISH50) **19.95**
  - 700MB (80 Minute) 52X CD-R Discs, CD-R Thermal Printable/LightScribe
  - Thermal Printable White Hub 50 pack Spindle (VECDRTHWH50) **23.50**
  - Thermal Printable White Surface 50 pack Spindle (VECDRTHW50) **23.50**
  - Light Scribe 30 Pack Spindle (VECDRLS30) **19.95**

### CD-R Music

Designed expressly for music or audio recording, CD-R music discs provide the excellent sound quality of pre-recorded compact discs, and the ability to hear them on conventional home, auto and portable CD players. CD-R music discs record digital music and audio in the standard compact disc 16-bit, 44.1kHz format.

- **Fuji 40x CD-R Music**
  - 80-min./40x Music 30 Pack Spindle (FUCDRAP30) **12.95**
  - 80-min./40x Music 50 Pack Spindle (FUCDRAP50) **14.99**

- **Maxell 32x CD-R Music Gold**
  - 80-min./32x Music Gold 50 Pack Spindle (MACDR8050) **29.99**

- **TDK 32x CD-R Music**
  - 80-min./32x Music 10 Pack with Jewel Case (TDCDR80M10) **7.90**
  - 80-min./32x Music 30 Pack Spindle (TDCDR80M30) **12.99**

### CD-RW

CD-RW provides you the flexibility to write and rewrite your CDs, as much as 1,000 times, while offering compatibility for playback on your CD-R/RW burner, DVD-ROM, or your Multi-Read CD-ROM drive. Rewritability is ideal for MP2 files and JPEG images.

- **Fuji CD-RW**
  - 80-minute 20 Pack with Slim Case (FUCDRW20J) **19.95**

- **Verbatim**
  - 700MB (80 Minute) 52X CD-R
  - 80-min./52x Branded Surface 50 Pack Spindle (VECDR50) **11.99**
  - 80-min./52x Branded Surface 100 Pack Spindle (VECDR100) **19.49**
  - 80-min./52x Blank White 100 Pack Spindle (VECDRWBW100) **24.95**
  - 80-min./52x Shiny Silver 100 Pack Spindle (VECDRSS100Q) **29.95**
  - 700MB (74 Minute) 52X CD-R Multi-Speed Digital Vinyl
    - 5 Vibrant Colors 10 Pack with Jewel Case (VECDRIWV50) **5.99**
    - Digital Vinyl 25 pack Spindle (VECDRDV25) **10.49**
    - Digital Vinyl 50 pack Spindle Color (VECDRDV50) **19.95**
    - Inkjet Printable White Center 50 pack Spindle (VECDRIWDV50) **22.95**
    - 700MB (74 Minute) 52X CD-R Discs, CD-R Inkjet Printable
      - Inkjet Printable White Glossy Hub 50 pack Spindle (VECDRIGH50) **24.95**
      - Inkjet Printable White Surface 50 pack Spindle (VECDRIW50) **17.95**
      - Inkjet Printable White Surface 100 pack Spindle (VECDRWW100) **30.95**
      - Inkjet Printable White Hub 50 pack Spindle (VECDRIWH50) **17.95**
      - Inkjet Printable Silver Surface 50 pack Spindle (VECDRIS50Q) **17.95**
      - Inkjet Printable Silver Hub 50 pack Spindle (VECDRISH50) **19.95**

### DVD-RAM

Panasonic 4.7GB (120 Minutes) DVD-RAM Disc - Single Side

- Without Cardtridge (PALMAR120LJ) **2.49**
- 3-Pack w/o Cardtridge (PALMAR120LJ3) **5.99**
- 10-Pack w/o Cardtridge (PALMAR120LJ10) **21.69**
- 9.6GB (240 Minutes) Double Sided with Cardtridge (PAOVDRM3X) **8.99**
## DVD-R Optimal Media

**DVD-R** is a write once media that is readable in most DVD drives. It has a 4.7GB capacity and allows excellent compatibility with both stand-alone DVD players and DVD-ROM drives.

### eFilm

- **4.7GB (120 Min.) DVD-R, 100 Year Archival Gold**
  - 16 Pack with Binder (DEDVDMR4716) $44.95
  - 25 Pack Spindle (DEDVDMR4725) $59.95
  - 100 Pack Spindle (DEDVDMR47100) $214.95
- **4.7GB (120 Min.) DVD-R, ScratchLess 4x**
  - 16 Pack with Binder with Anti Scratch Coating (DEDVDMR47S16) $49.95
  - 25 Pack Spindle with Anti Scratch Coating (DEDVDMR54725) $64.95
  - 100 Pack Spindle with Anti Scratch Coating (DEDVDMR54710) $244.95

### Fujifilm

- **4.7GB (120 Min.) DVD-R 16X**
  - 50 Pack Spindle with Jewel Case (FUDMR1650) $24.99
  - 100 Pack Spindle (FUDMR168) $44.95

### TDK

- **4.7GB (120 Min.) DVD-R 16X**
  - 25 Pack Spindle (TDVDMMR47162) $14.95
  - 100 Pack Spindle (TDVDMMR47165) $24.50

### Verbatim

- **4.7GB (120 Min.) DVD-R 16X**
  - 50 Pack Spindle (VDDMR1650) $24.95
  - 100 Pack Spindle (VDDMR16100) $39.95

### Maxell

- **4.7GB (120 Min.) DVD-R 8X**
  - 50 Pack Spindle (MADVDMR85) $27.50

### DVD-R Printable Media

- **eFilm**
  - **4.7GB (120 Min.) DVD-R, 100 Year Archival Gold**
    - Inkjet Printable 100 Pack Spindle (DEDVDMR4100) $219.95

- **Fuji**
  - **4.7GB DVD-R 8X Silver 50 Pack Spindle** (FUDMR8550) $29.95
  - **4.7GB DVD-R 8X Silver HUB 100 Pack Spindle** (FUDMR85H88) $49.95
  - **4.7GB DVD-R 16X White 50 Pack Spindle** (FUDMRW1650) $29.95
  - **4.7GB DVD-R 16X White HUB 100 Pack Spindle** (FUDMRWH1650) $49.95
  - **4.7GB DVD-R 16X Silver HUB 50 Pack Spindle** (FUDMRSH1650) $29.95

- **Maxell**
  - **4.7GB DVD-R 8X Shiny Silver 50 Pack Spindle** (MADVDMRPS550) $33.95
  - **4.7GB DVD-R 8X Shiny White 50 Pack Spindle** (MADVDMRPSW50) $33.95

- **Verbatim**
  - **4.7GB DVD-R 8X Silver 50 Pack Spindle** (VDDMR8550) $29.95
  - **4.7GB DVD-R 16X Glossy White 50 Pack Spindle** (VDDMRG1650) $32.95
  - **4.7GB DVD-R 16X White HUB 50 Pack Spindle** (VDDMRWH1650) $25.95

## DVD-RW Optimal Media

Based on DVD-R, using similar track pitch, mark length, and rotation control, DVD-RW is playable in many DVD drives and players. Capacity is 4.7 GB. DVD-RW discs can be rewritten about 1,000 times. This format is probably most useful for the storage of a complete video film that is to be played on a domestic DVD player.

### Fujifilm

- **4.7GB (120 Min.) 4x - 5 Pack with Jewel Case** (FUDMW45J) $7.99
- **4.7GB (120 Min.) 4x - 15 Pack Spindle** (FUDMW415) $14.95

### Verbatim

- **4.7GB (120 Min.) 2x - 10 Pack with Video Trim Boxes** (VEDMW210) $14.95
- **4.7GB (120 Min.) 2x - 30 Pack Spindle** (VEDMW230) $26.95

## DVD+R Optimal Media

**DVD+R** was designed with both data and video recording uses in mind. Compatible with existing DVD players and DVD-ROM drives is a major strength of the DVD+R format. Each disc can hold 4.7GB of information, with up to two hours of high quality MPEG2 DVD video with outstanding picture quality.

### Fujifilm

- **4.7GB (120 Min.) DVD+R 16X**
  - 50 Pack Spindle (FUDPR1650) $24.99
  - 100 Pack Spindle (FUDPR168) $44.95

### Verbatim

- **4.7GB (120 Min.) DVD+R 16X**
  - 50 Pack Spindle (VEDPR1650) $19.95
  - 100 Pack Spindle (VEDPR16100) $34.95

### InkJet Printable Surface

- **4.7GB (120 Min.) DVD+R 16X**
  - 20 Pack Spindle w/Jewel Case (VEDPRIG1620J) $17.95
  - **4.7GB (120 Min.) DVD+R 16X**
    - White 50 Pack Spindle (VEDPRIW1650) $25.95

## DVD-RW Double Layer

**DVD+R Double Layer**

### Fujifilm Double Layer

- **8.5GB (240 Min.) DVD+R 2.4X - 3 Pack with Jewel Case** (FUDPRLDL243J) $15.95

### Verbatim Double Layer -DVD+R 2.4X - Inkjet Printable

- **8.5GB (240 Min.) DVD+R 2.4X - White 20 Pack Spindle** (VEDPRDLW20) $49.95

## DVD+RW Optimal Media

**DVD+RW**

- **Fujifilm**
  - **4.7GB (120 Min.) 4X**
    - 5 Pack with Jewel Case (FUDPW45J) $7.99
    - **4.7GB (120 Min.) 4X**
      - 15 Pack Spindle (FUDPW415) $14.95

- **Verbatim**
  - **4.7GB (120 Min.) 4X**
    - 10 Pack with Video Trim Case (VEDPWL410T) $15.95
First released in 1998, these racks became an overnight sensation. The best selling CD-600 has been on Stereophile magazine’s recommended components list for 5 consecutive years. Since their inception Boltz has added new finishes to choose from but the quality and style have remained the same and are built to the highest quality standards.

**CD-110**
Holds 110 CDs Wall Mounted
100% steel, incredible baked on powder coat finish. Includes 2 wall hangers. Steel slider divider on each tier keeps CDs in place. Wall hangers may be hidden from view by hanging rack on second rod from top. Rack may also be placed on a table or other flat surface. Measures 24 x 12 x 5.5˝ (WxHxD) and weighs 32 lbs. Loaded. Ships assembled, shipping weight is 9 lbs. Available in Black Matte (BOCD110B), Clear (BOCD110C) and Anthracite Metallic (BOCD110AM) finishes ........................................69.00

**CD-220**
Holds 220 CDs Wall Mounted
Same as above with capacity to hold 220 CDs. Measures 24 x 26 x 5.5˝ (WxHxD) and weighs 64 lbs. Loaded. Ships assembled / 21 lbs. Available in Black Matte (BOCD220B), Clear (BOCD220C) and Anthracite Metallic (BOCD220AM) ........................................129.00

**CD-150**
Holds 150 CDs Floor Standing
A 6 tier floor standing CD rack. Each tier has a slider divider for quick and easy organization. The rack includes stabilizer feet and can be infinitely expanded with expansion racks. Measures 12 x 37 x 6.5˝ (WxHxD) with feet. Ships assembled, shipping weight is 18 lbs. Available in Black Matte (BOCD150B), Clear (BOCD150C) and Anthracite Metallic (BOCD150AM) finishes ........119.00

**CD-275**
Holds 275 CDs Floor Standing
At 12˝ wide, this rack is ideal for corners or where space is at a premium. With 11 tiers, each holding 25 CDs, you can get 275 CDs. Each tier has sliding organization dividers. Stabilizer feet are included. Measures 12 x 67 x 6.5˝ (WxHxD), 12˝ deep with feet. Ships assembled / 33 lbs. Available in Black Matte (BOCDEXPSB), Clear (BOCDEXPSC) and Anthracite Metallic (BOCDEXPSAM) ..................................................219.00

**CD-330**
Holds 330 CDs Floor Standing
High capacity, 6 tier, floor standing system. Each tier has slider dividers. Ships with stabilizer feet. Easily expandable to grow with your collection. Measures 24 x 37 x 6.5˝ (WxHxD) with feet. Ships assembled / 24 lbs. Available in Black Matte (BOCD330B), Clear (BOCD330C) and Anthracite Metallic (BOCD330AM) ....................................................149.95

**CD-600**
Holds 600 CDs Floor Standing
The best selling rack holds up to 600 CDs, and accepts as many expansion kits as you want to add. Each tier has a slider divider. Comes with optional feet and stabilizer wall brackets. 24 x 67 x 6.5˝, 12˝ deep with feet. Ships assembled / 42 lbs. Available in Black Matte (BOCD600B), Clear (BOCD600C) and Anthracite Metallic (BOCD600AM) finishes ..............................................................269.95

**CD-600x2:** Holds 1200 CDs. Ships unassembled. Available in Black Matte (BOCD600X2B), Clear (BOCD600X2C) and Anthracite Metallic (BOCD600X2AM) Shipping Wt: 84 lbs..........428.95

**CD-600x3:** Holds 1800 CDs. Ships unassembled. Available in Black Matte (BOCD600X3B), Clear (BOCD600X3C) and Anthracite Metallic (BOCD600X3AM) Shipping Wt: 104 lbs .........579.00

**CD-600x4:** Holds 2400 CDs. Ships unassembled. Available in Black Matte (BOCD600X4B), Clear (BOCD600X4C) and Anthracite Metallic (BOCD600X4AM) Shipping Wt: 135 lbs.............729.95

**CD-600x2:** Holds 1200 CDs. Ships unassembled. Available in Black Matte (BOCD600X2B), Clear (BOCD600X2C) and Anthracite Metallic (BOCD600X2AM) Shipping Wt: 84 lbs..........428.95

**CD-600x3:** Holds 1800 CDs. Ships unassembled. Available in Black Matte (BOCD600X3B), Clear (BOCD600X3C) and Anthracite Metallic (BOCD600X3AM) Shipping Wt: 104 lbs .........579.00

**CD-600x4:** Holds 2400 CDs. Ships unassembled. Available in Black Matte (BOCD600X4B), Clear (BOCD600X4C) and Anthracite Metallic (BOCD600X4AM) Shipping Wt: 135 lbs.............729.95

**Short CD Expansion Kit**
This expansion kit holds 330 CDs. It will double the capacity of a CD-330 or triple the capacity of a CD-150. It can also be attached to a CD-600 or CD-275. Takes approx. 30 minutes to attach to existing rack and includes all hardware and tools. Available in Black Matte (BOCDEXPSB), Anthracite Metallic (BOCDEXPSAM) and Clear (BOCDEXPSC) ........109.00

**Tall CD Expansion Kit**
This expansion kit will increase your CD-600 or CD-275 capacity by 600 CDs. There is no limit to how many expansion kits you can add to your system. Each kit uses precision fasteners to connect and only takes about 40 minutes to add to your existing racks. Available in a Black (BOCDEXPTB) ....159.95
MULTIMEDIA RACKS

Are you still searching for storage to hold all your movies and music in all their formats? Look no further - Boltz’s solid steel multimedia racks are designed to hold DVDs, VHS, CDs, SACDs, and DVD-Audio all in the same unit. And, for those collectors that have large collections the unique Boltz design offers the option of infinite expandability by attaching as many expansion kits as you like. Floor standing units include optional stabilizer feet and wall brackets for maximum stability. Note: CD and Multimedia racks can not be joined together.

MM-72
100% steel floor standing multimedia rack. Steel slider divider on each tier keeps CDs, DVDs or VHS in place. Measures 12 x 38 x 6.5” (WxHxD), 12” deep with feet. Holds 72 DVDs, 100 CDs or 36 VHS tapes. Ships assembled / 17 lbs. Available in Black Matte (BOMM72B), Clear (BOMM72C) and Anthracite Metallic (BOMM72AM) .........................................................119.00

MM-76
Wall Mountable Media Rack
100% steel, baked on powder coat finish. Includes 2 wall hangers. Steel slider divider on each tier keeps media in place. Wall hangers may be hidden from view by hanging rack on second rod from top. Can also be placed on a table or other flat surface. Measures 24 x 18 x 5” (WxHxD). It holds 76 DVDs, 110 CDs, 36 VHS tapes. Ships assembled / 9 lbs. Available in Black Matte (BOMM76B), Clear (BOMM76C) and Anthracite Metallic (BOMM76AM) .........................89.00

MM-126
Holds 126 DVDs Floor Standing
Ideal for corners or where space is at a premium. Only 12” wide and 7 tiers high. Holds 126 DVDs, 175 CDs or 63 VHS. 100% steel construction with a beautiful baked on powder coat finish. Measures 12 x 68.5 x 6.5”, 12” deep with feet. Ships assembled / 32 lbs. Available in Black Matte (BOMM126B), Clear (BOMM126C) and Anthracite Metallic (BOMM126AM) .........................................................219.95

MM-160
Holds 160 DVDs Floor Standing
100% steel, baked on powder coat finish. Includes a steel slider divider on each of the 5 tiers. This rack holds 160 DVDs, 220 CDs or 84 VHS tapes. Comes with optional feet to add stability. Measures 24 x 38 x 6.5”, 12” deep with feet. Holds 160 DVDs, 220 CDs or 84 VHS tapes. Ships assembled / 26 lbs. Available in Black Matte (BOMM160B), Clear (BOMM160C) and Anthracite Metallic (BOMM160AM) .................139.00

MM-252
Holds 252 DVDs Floor Standing
The ultimate in multimedia storage the MM-252 holds CDs, DVDs, VHS, SACDs, and DVD-Audio. Individual slider divider on each of the 7 tiers allows you to organize or categorize your vast media library. The solid steel construction and baked on powder coat finish create a multimedia rack that is as strong as it is beautiful. Ships with optional feet and wall brackets for added stability. Holds 252 DVDs, 385 CDs or 147 VHS. Infinitley expandable with expansion kits. Measures 24 x 68.5 x 6.5” (WxHxD), 12” deep with feet. Ships assembled / 37 lbs. Available in Black Matte (BOMM252B), Clear (BOMM252C) and Anthracite Metallic (BOMM252AM) ..........................219.95

MM-252x2: Holds 504 DVDs. Includes one unassembled MM-252 and one unassembled Tall MM Expansion Kit. Available in Black Matte (BOMM252X2B), Clear (BOMM252X2C) and Anthracite Metallic (BOMM252X2AM) Shipping Wt: 62 lbs. ..........................................................388.95

MM-252x3: Holds 756 DVDs. Includes one unassembled MM-252 and two unassembled Tall MM Expansion Kit. Available in Black Matte (BOMM252X3B), Clear (BOMM252X3C) and Anthracite Metallic (BOMM252X3AM) Shipping Wt: 112 lbs. ..........................................................519.95

MM-252x4: Holds 1008 DVDs. Includes one unassembled MM-252 and three unassembled Tall MM Expansion Kit. Available in Black Matte (BOMM252X4B), Clear (BOMM252X4C) and Anthracite Metallic (BOMM252X4AM) Shipping Wt: 137 lbs .........................................................649.00

MM-252x4: Holds 1008 DVDs. Includes one unassembled MM-252 and three unassembled Tall MM Expansion Kit. Available in Black Matte (BOMM252X4B), Clear (BOMM252X4C) and Anthracite Metallic (BOMM252X4AM) Shipping Wt: 137 lbs .........................................................649.00

Short MM Expansion Kit
Doubles the capacity of an MM-160. Triples the capacity of the MM-72. Can also be attached to a MM-126 or MM-252. Approx. assembly time 20 minutes. Available in Black Matte (BOMMEXP5B), Clear (BOMMEXP5C) and Anthracite Metallic (BOMMEXP5AM) ..........................99.00

Tall MM Expansion Kit
Expands your MM-252 series or MM-126. There is no limit to how wide you can build your system. Each section uses precision fasteners for simple, easy assembly. Each kit increases your rack’s width by 24”. Approx. assembly time 40 minutes per kit. Requires attachment to a compatible multimedia rack. Available in Black Matte (BOMMEXPTB), Clear (BOMMEXPTC) and Anthracite Metallic (BOMMEXPTAM) ..................139.00

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