

2) i.LINK. In order for DVD players to deliver next-generation digital signals such as DVD-Audio and SACD, new methods of transmission had to be developed. i.LINK connectivity, a.k.a. IEEE1394, is an advanced digital interface that's become the industry standard for transmitting these high-resolution multi-channel recordings. Plus, you can simplify your system: what used to take up to six different connections to achieve, i.LINK handles with a single digital connection. This enables two-way communication between components such as receivers and DVD players. (DV-59AVi and DV-47Ai)

DVD PLAYERS THAT PUT YOU IN CONTROL

Elite DVD players enable you to make adjustments to your taste, with select models (DV-59AVi, DV-47Ai, DV-45A) even offering three user memories to recall your settings.

- Progressive Motion: Maximizes the Progressive circuit for the type of video-based DVD you're watching: SLOW for mostly static pictures, FAST for fast-moving images.

- Component Frame Digital Noise Reduction (DNR): Independently reduces noise in the luminance and color signals.

- Mosquito Noise Reduction: Reduces distortion concentrated near the edges of moving objects. (DV-47Ai)

- Block Noise Reduction: Reduces noise associated with the digitization process used in DVD production. (DV-47Ai)

- Black/White Levels: Lets you independently adjust the black and white levels for optimal contrast.

DV-47Ai | DVD Player with Multi-Channel DVD Audio and SACD Playback



- PureCinema Progressive Scan (3-2 Pull-down)
- 108MHz/12bit Video DAC for High-quality DVD Pictures
- Twin-Wave Laser Pickup for CD/Video CD/CD-R/ CD-RW/DVD-R/RW (DVD Video Format) Playback
- Super-Fine Focus Filter with 4:4:4 Video Up-Sampling
- 16 Video Parameter Adjustments w/3 User Memories (Progressive Motion, PureCinema (On, Off, Auto), YNR, CNR, Mosquito NR, Block NR, Sharpness High, Sharpness Mid, Detail, White Level, Black Level, Gamma, Black Setup, Hue, Chroma Level, Chroma Delay)
- 3 Factory Video Settings (CRT/PDP/Professional)
- Pioneer Exclusive Viterbi Error Correction with Accurate Digital Servo for Superior Reading Accuracy
- Trick Play Processor for Smooth Scanning
- i.LINK (Advanced Resolution Digital Audio Interface) Audio Output
- Legato Pro/Hi-bit Processing (Front Channels)
- DVD Audio Playback
- Multi-channel SACD Playback (1 bit)
- MP3 Playback Capability
- Bass Management
- Triple 192kHz/24-bit (3x2 Channel) Audio DAC's for Superior Sound Quality
- Legato Pro Conversion
- Dolby® Digital and dt® Digital Outputs
- Dolby® Digital and dt® Decoders
- New Advanced GUI (Graphic User Interface) with Set-up Navigator
- Jog and Joystick Remote with Glow-in-the-Dark Keypad
- Triple-Layered Chassis for Chassis Stability

DV-45A | DVD Player with Multi-Channel DVD Audio and SACD Playback



- PureCinema Progressive Scan (2-3 Pull-down)
- 54MHz/10bit Video DAC for High-Quality DVD Pictures (Analog Devices)
- Super-Fine Focus Filter with 4:4:4 Video Up-Sampling (Progressive Only)
- Video Parameter Adjustments w/ 3 User Memories, Fine Focus, Contrast, Sharpness, Brightness PureCinema (On, Off, Auto), Hue, Chroma Level
- Parallel S-Video / Composite Outputs
- Pioneer Exclusive Viterbi Error Correction with Accurate Digital Servo for Superior Reading Accuracy
- Still Step Play Forward and Reverse
- Slow Motion Playback
- DVD Audio Playback
- SACD Multi-Channel Playback (1 bit)
- MP3 Playback Capability
- Twin-Wave Laser Pickup for: CD / Video CD / CD-R / CD-RW / DVD-R / DVD-RW Playback (Recorded in Video Mode)
- Triple 192kHz/24-bit (3x2) Audio DAC's for Superb Sound Quality (Burr Brown)
- Dolby® Digital and dts Digital Outputs
- Dolby® Digital and dts Decoders
- Video Off
- Bass Management

DV-F07 | 300 + 1 Disc DVD/CD/VCD/CD-R/CD-RW Player



- A/V Decoder - VQE4
- High Bit Legato Link D/A Conversion
- 96kHz 24-Bit D/A Converter
- Virtual Dolby Digital
- Gold Plated Jack Pack
- Trick Play Processor
- RS232 Interface for PC/ Escient
- Keyboard and Mouse Title Input with PS/2 Connection
- Up to 600 Disc Control with Second Unit
- GUI with Advanced Disc Management and Search System
- Search Function by Key Word - Disc #, Disc Type, Title Name, and Artist Name
- 10 Audio and 10 Video Custom Files
- Auto Update
- CD / DVD Text
- Jog & Joy Stick Remote Control with Fluorescent Keys and 2 Color LED

DV-C36 | Digital Progressive Scan 5-Disc DVD/CD/CD-R/VCD Carousel Player



- Digital Progressive Scan Output
- Progressive Digital Noise Reduction
- Interlaced Video Noise Reduction
- Digital Gamma Control
- Digital Sharpness Adjustment
- Digital Chroma Delay
- CD Mode for Full CD Changer Functions and Video Off
- High Speed Loading and Playback Resume
- 10-bit Video Signal DAC 96kHz/24-bit Audio DAC
- Hi-Bit Legato Link Conversion
- Dual User Memories
- Twin-Wave Laser Pickup for CD / Video CD / CD-R Playback
- Viterbi Error Correction for Superior Reading Accuracy
- Double Layered Chassis
- Dolby® Digital and dt® Digital Outputs
- Component Video Output
- Remote Control with TV Presets and Glow-in-the-Dark Keys
- Setup Navigator for First Time Setup
- Advanced GUI with Non-Stop Operation, Basic/Expert Mode

PURECINEMA PROGRESSIVE SCAN

Pioneer PureCinema's advanced circuitry achieves high conversion accuracy by re-creating the original frames of a film and displaying them in a 3-2 order (called 3-2 pull-down), matching the output to NTSC television standards. This creates natural, film-like images that are smooth and virtually free of bothersome artifacts on moving objects. (DV-59AVi, DV-47Ai, DV-45A, and DV-F07)

DVD-AUDIO AND SACD

DVD-Audio (DVD-A) and Super Audio CD (SACD) represent the future of audio on disc: high-density, high-resolution music that is miles ahead of CD. The music is bigger, more detailed, and more open, and you will definitely hear the difference. (DV-59AVi, DV-47Ai, DV-45A)

Here are the key advantages of DVD-Audio and SACD:

- More data. They're encoded differently, but discs of both formats can hold a huge amount of data, far more than an Audio CD. DVD-As can hold 4.7GB of data, and SACDs about 4.0GB. Rather than use all this digital real estate just to add more CD-quality songs, it's being used for.....

- Better music. This is the key. With all that data capacity, music can be formatted into two channels (stereo) at a 192kHz, 24-bit rate, which may be the highest level of quality you will hear in your lifetime. Or into six channels at a 96kHz, 24-bit rate, creating a full-octave, 5.1 surround field that swirls around you.

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