



DV-980H 1080p Up-Converting Universal DVD Player with HDMI and 7.1CH Audio

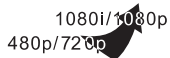


Prepare to be impressed by the OPPO DV-980H universal DVD player. Continuing the OPPO tradition of exceptional performance and great value, the DV-980H delivers a stunning picture and immersing sound for today's home theaters. Advanced video upconversion technology brings standard definition DVDs to life with 1080p "Full HD" clarity. Precision rendering from Super Audio CD, DVD-Audio, HDCD and regular CD creates enveloping acoustics with high fidelity. Complemented with 7.1-channel surround audio, high resolution picture slide show and a convenient USB 2.0 port, the DV-980H helps you rediscover the treasures in your home theater.



DVD-Audio, Super Audio CD (SACD) and DVD-Video universal playback

The OPPO DV-980H plays back standard DVD as well as DVD-Audio and SACD high resolution audio discs. It is a universal source for all your home entertainment contents (note: Blu-Ray and HD-DVD are not supported.)



High definition up-conversion up to 1080p "Full HD" resolution

The new generation of Full HD 1080p TV has up to 6 times more pixels than what is encoded on traditional DVD discs. The 1080p output from the DV-980H is a pixel perfect match for 1080p TVs.



HDMI v1.2a output with exceptional core video performance and high resolution audio support (multi-channel PCM and DSD™)

HDMI is an all digital interface for the cleanest possible connection. It delivers high-quality digital video and audio through a single cable. The DV-980H is among the very few players on the market that support HDMI v1.2a with multi-channel PCM and DSD audio, making it an ideal source device or digital transport for audiophiles.



7.1 Channel audio with Dolby Digital Surround EX decoding

Movie soundtracks that have been encoded with Dolby Digital Surround EX technology are able to reproduce an extra channel which has been added to the soundtrack during the mastering of

the program. This channel, called Surround Back, places sounds behind the listener in addition to the currently available front left, front center, front right, surround right, surround left and subwoofer channels. The additional channel provides the opportunity for more detailed imaging behind the listener and brings more depth, spacious ambience and sound localization than ever before.



Optimized high-fidelity audio circuitry

Taking inputs from audiovisual enthusiasts and world-famous high-fidelity audio equipment partners, OPPO designed the DV-980H with a focus on precision rendering from Super Audio CD, DVD-Audio, HDCD and regular CDs. Its digital-to-analog (D/A) converters feature 192kHz high sampling rate and 24-bit resolution. The driving stage uses carefully selected op-amps and capacitors. Combining these premium components in an optimized design, the DV-980H reduces quantization distortion and accurately reproduces the analog waveform, resulting in faithful, natural, detailed and rich sound.



USB 2.0 interface for video, picture and music playback

The DV-980H features a USB 2.0 interface to connect with external USB devices. The multi-format video, picture and music playback functions take the entertainment experience far beyond just discs.



High resolution picture slide show

The high resolution picture slide show fully utilizes the increased resolution of your HDTV to display digital pictures. Now you can enjoy your digital photos without a loss in quality or details.



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Features:

Universal DVD Player Features:

- DVD-Audio, Super Audio CD (SACD) and DVD-Video universal playback
- Compatible with Audio CD, HDCD, WMA, Kodak Picture CD, and other digital audio/video/picture media and formats* (Note 1)
- High resolution picture slide show
- Official DivX® Certified product, certified to the Home Theater Profile. Plays all versions of DivX® video (including DivX® 6) with standard playback of DivX® media files
- Plays XviD and .SRT, .SMI, .IDX and .SUB format
- Compatible with CD-R/RW, DVD±R/RW and DVD+R DL* (Note 2)

Video Up-Conversion Features:

- High definition up-conversion with increased picture clarity. Up-converts standard definition video on DVD discs to 480p/720p/1080i and 1080p Full HD resolutions.
- Motion-adaptive, edge-adaptive and inverse telecine progressive scan technology to produce a smooth and natural looking image.
- High-quality pure digital video and audio through a single HDMI (High Definition Multimedia Interface) cable
- Multiple high definition output formats – NTSC: 1080p/1080i/720p/480p/480i, PAL: 1080p/1080i/720p/576p/576i
- Compatible with HDTV, HD-Ready TV, HDTV monitors and projectors with an HDMI or DVI input (HDCP support is required)
- Supports screen aspect ratio 4:3 (standard) and 16:9 (wide-screen)
- User adjustable video controls: Sharpness, Contrast, Brightness, Saturation and Gamma
- Component video output with progressive scan* (Note 3)
- Composite video and S-Video outputs (standard-definition output only)

Specifications:

Disc Types	DVD-Video, DVD-Audio, SACD, CD, HDCD, Kodak Picture CD DivX (DivX Certified Home Theater Profile Parameters, V2.2 with Addendum. Covers DivX 3 – 6) CD-R/RW, DVD±R/RW, DVD+R DL
Output	Analog Audio: 7.1ch, 5.1ch or stereo Digital Audio: Coaxial, Optical, HDMI Analog Video: Composite, S-Video (Y/C), Component Video (Y/Pb/Pr, 480i/480p) Digital Video: HDMI v1.2a with HDCP (NTSC: 480i/480p/720p/1080i/1080p, PAL 576i/576p/720p/1080i/1080p)
Video Characteristics	Composite Video Amplitude: 1.0Vp-p (75Ω) S-Video Amplitude: Y: 1.0Vp-p (75Ω), C: 0.286Vp-p (75Ω) Component Video: Y: 1.0Vp-p (75Ω), Pb/Pr: 0.7Vp-p (75Ω)
Audio Characteristics	Frequency: 20Hz – 20kHz (±1dB) Signal-to-Noise Ratio: >100dB Total Harmonic Distortion: < 0.01%
General Specification	Power Supply: ~ 100V – 240V, 50/60Hz AC Power Consumption: 14W Dimensions: 16⅞ x 10½ x 2 inches / 430mm x 267mm x 49mm Weight: 5.10 lbs / 2.3kg Operating Temperature: 41°F - 95°F / 5°C - 35°C Operating Humidity: 15% - 75% No condensation

Optimized Audio Features:

- High-resolution multi-channel digital audio output through HDMI supporting CD, DVD-Audio, SACD, Dolby Digital and DTS sound tracks.
- Direct Stream Digital (DSD) over HDMI (Requires compatible A/V receiver)
- Individual analog 7.1-channel surround outputs, compatible with 5.1-channel and down-mixed stereo.
- Dolby Digital Surround EX decoding
- 24-bit, 192kHz high resolution audio D/A converters
- Optical and coaxial digital audio outputs with DTS, Dolby Digital, Dolby Pro-Logic II and Linear PCM support
- Built-in equalizer, channel trim, channel delay and lip-sync (audio delay) functions

Compatibility Features:

- PAL/NTSC disc and TV compatible with automatic or manual system conversion
- Dual-laser optical pickup head with excellent error correction
- Enhanced dual-layer disc support with fast layer change
- Wide range universal power supply (~100V-240V, 50/60Hz AC)

Convenience Features:

- USB 2.0 interface for video, picture and music playback
- Smooth and easy navigation of photo albums, music collections and video files on DVD and CD
- Selectable subtitle and audio tracks
- Discrete ON/OFF remote control IR code for programmable universal remote controls
- 10-disc memory resume

1. The DV-980H does not play Blu-Ray nor HD-DVD discs

2. Compatibility with user-encoded contents or user-created discs is on a best effort basis with no guarantee due to the variation of media, software and techniques used. For example, Discs recorded on some stand-alone DVD recorders or DVD camcorders may not exhibit smooth playback.

3. Up-converting over component output is only available for unencrypted DVD discs such as home video and consumer-created contents. Most commercially pressed DVD discs are CSS-encrypted and will be limited to 480i/480p output over component. HDMI output is protected with HDCP and has no such restriction.