

DVD Video Player

DENON**DVD-1500**

A Remarkable World of Visual and Sonic Beauty from DENON's Latest Digital Technologies

The DVD-1500 DVD video player lets you enjoy both video and musical programs in a single unit. The beauty of the visual images is reproduced from DVD discs by the video circuit section which employs a 27-MHz, 10-bit video D/A converter. The audio circuit section, which recreates the beauty of the sound recordings, uses a 24-bit, 96-kHz audio D/A converter. You will marvel at the depth of detail and the dynamic power of the sound you hear from DVD sources. The DVD-1500 also features a disc tray loader that has been strengthened to minimize vibrations and preserve the superior quality of the visual and sound experience. The aluminum front panel of the DVD-1500 adds an air of elegance to the high quality of the DVD atmosphere.



■ 24-bit, 96 kHz Audio D/A Converter

The DVD-1500 uses a highly accurate multi-bit Sigma Delta D/A converter with superior dynamic range and S/N characteristics. This converter provides plenty of support for the demanding 24-bit, 96-kHz sampling signals of the DVD-Video format. The incorporation of a differential circuit in the output stage and other features of the D/A converter ensure that playback sound is of the highest quality possible, the normal expectation from DENON's acclaimed digital technology.

■ Newly-developed Disc Loading Mechanism

Vibrations from the disc loading mechanism detract from the quality of video and sound output. The DVD-1500 has thus been equipped with a disc loader that has been reinforced to protect the signal from vibrations and ensure optimum quality in playback.

■ PCM, Dolby Digital and DTS Digital Output

■ 24/96 PCM Digital Output Capability

■ 10-bit Video D/A Converter

The 10-bit video D/A converter section reproduces video images more faithfully and in greater detail than conventional 9-bit processing. This high-performance converter lets you enjoy the best DVD picture possible, ideal with today's high performance video monitors and large screen displays.

■ Color Component Video Outputs

The DVD-1500 provides color component video (Y, Cb, Cr) outputs that provide the best reproduction of fine color detail with today's high end video monitors and large screen projectors that feature component video inputs.

This connection method provides the best video quality, compared to "S"-video and composite video connections.

■ On-screen Display

A simple press of the Display button on the remote controller lets you see the current operating status of the DVD-1500 within an easy-to-read display on screen. The various operations and settings are easily changed using the remote controller while monitoring the screen display.

■ Advanced Digital Servo

High performance in reading pit information on the disc and in digitally processing that information improves the quality of the picture and sound that are reproduced.

The DVD-1500 features a new servo DSP integrated circuit with a learning algorithm that has been optimized for such fluctuating factors as readings from the disc and digital processing to ensure further improved performance. Automatic adjustments by the servo preserve the data integrity of the signals being reproduced.

■ Closed Caption

Provides on-screen closed captioning, similar to TV broadcasts, with DVDs that are closed caption encoded.

■ CD-R Audio Playback (*1)

The DVD-1500 plays CD-R audio discs.

■ Double-speed Drive System

The DVD-1500 is equipped with a drive mechanism capable of reading discs at double speed. Since information is read and held in a buffer before it is reproduced, if external vibrations or other factors cause the pickup to skip, the pickup has time to return to its correct position and avoid interruptions in sound. The DVD-1500 thus ensures stable playback of the disc.

■ Compression Function (*2)

The DVD-1500 includes a compression feature that is convenient late at night or other times when you want to listen to a recording at low volume. During normal playback, when the volume is turned down, the gaps between the loud and soft sounds are too great, making it more difficult to hear the sound effects or lyrics. The compression function, however, improves sound clarity at low volume levels.

■ Other Versatile Features

- Multi-Angle Function (*3)
- Multi-Sound Function (*3)
- Multi-Subtitle (*3)
- Headphone Jack
- Playback Memory Function
- Energy-Saving During Standby
- Auto Power OFF

*1 Discs that have been poorly finalized following recording may be only partially playable or not playable at all.

*2 For discs recorded in Dolby Digital only. The compression function does not work on the digital output(s). It works on the analog stereo audio outputs only.

*3 The DVD software needs to have this feature.



Specifications

■ Video Section

Signal System	NTSC
Disc Played	DVD Video Disc, Video CD, Music CD, CD-R (audio)
Video Outputs	Composite Video Output: 1.0 Vp-p (with 75 ohms load) S-Video Output: Y; 1.0 Vp-p (with 75 ohms load), C; 0.286 Vp-p Component Video Output: Y, Cb, Cr: Y; 1.0 Vp-p (with 75 ohms load), Cb; 0.648 Vp-p (with 75 ohms load), Cr; 0.648 Vp-p (with 75 ohms load)

■ Audio Section

Audio Outputs	Analog Output (L/R): 2.0 Vrms Optical Digital Output Coaxial Digital Output
S/N Ratio	115 dB
Dynamic Range	106/100 dB (DVD/CD)
Total Harmonic Distortion	0.002 %

■ General

Power Supply	AC 120 V, 60 Hz
Dimensions	434 (W) x 102 (H) x 281 (D) mm 17.1" (W) x 4.0" (H) x 11.1" (D)
Weight	4.2 kg, 9.3 lbs

*Design and specifications are subject to change without notice.

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*DTS is registered trademarks of DTS Technology.

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