

DVD VIDEO PLAYER

DVD-2500



96 KHz, 24-bit Audio D/A Converter / 10-bit Video D/A Converter / Color Component Video Output

Combines State-of-the-Art Technologies to Bring You the Best in Home Entertainment

The DVD-2500 is a DVD video player in the affordable class yet lets you enjoy highly satisfying picture and sound quality. The video D/A converter, responsible for the DVD-2500's high picture quality, employs the same 10-bit D/A converter found in high-end models. This model is also equipped with a component video output capable of sending high-quality picture signals without modification to a projector or TV monitor. The audio circuit features a 96 kHz, 24-bit D/A converter to support the highest specifications of the DVD-Video standard. High-quality sound, on a par with Pure Hi-Fi is also supported by the careful selection of capacitors and other parts specially designed for superior sound performance. When combined with a DENON A/V receiver in the AVR series, the DVD-2500 lets you enjoy your home theater entertainment to the full.



■ 96 kHz, 24-bit Audio D/A Converter

The D/A converters feature 96 kHz, 24-bit audio performance to meet the highest specification level of DVD. The merits of all the latest DVD technologies have been harnessed to reproduce the absolute highest sound quality possible today. You can enjoy the ultimate in home theater with the DVD-2500 and any of Denon's Dolby Digital A/V Receivers.

■ Parts for High Sound Quality

Parts such as the electrolytic capacitor and the film capacitor that are used in the audio circuit and the audio circuit's power supply unit have passed a stringent selection process to ensure superior performance in producing high-quality sound.

■ DTS Digital Output

The DVD-2500 is equipped with dts Digital Output to support dts Audio, which is an optional audio format for DVD video. You can play dts DVD or CD discs and enjoy dts Audio when you connect an dts Decoder and a DENON A/V Receiver with 6-ch external input to the DVD-2500.

■ 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 Output

The DVD-2500 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.

■ Graphical User Interface (GUI)

A simple press of the Display button on the remote control lets you see the current operating status of the DVD-2500 within an easy-to-read display on screen. The various operations and settings are easily changed using the remote control 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-2500 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.

■ Cinema Voice Mode

The Cinema Voice mode lets you raise the volume of just the dialog to adjust the balance between it and the other components of the sound such as the background effects. When you are watching a movie, for instance, this feature lets you hear the dialog more easily.

■ Picture Mode

In addition to the Normal mode, the Picture Mode function also provides Soft, Fine, and Cinema modes. Soft mode produces a soft picture, Fine mode produces a picture of high contrast emphasizing the curved lines, and Cinema mode gives you a picture quality well suited to the atmosphere of movie viewing.

■ Other Versatile Features

Multi-Angle Function (*1) / Multi-Sound Function (*1) / Multi-Subtitle (*1) / Virtual Surround Sound (VSS) (*2) / Frame/Field Still Image / Headphone Jack / Marker Function / Playback Memory Function / Energy-Saving During Standby / Auto Power OFF

*1 The DVD software needs to have this feature.

*2 The DVD software needs to be encoded by Dolby Digital.

DVD2500	
Video Section	
Signal System	NTSC
Disc played	DVD Video Disc, Video CD, Music CD
Video Output	1 Vp-p (with 75 Ω load)
S-video output connector :	
Y output	1 Vp-p (with 75 Ω load)
C output	0.286 Vp-p
Color component output :	
Y output	1 Vp-p (with 75 Ω load)
Cb output	0.648 Vp-p (with 75 Ω load)
Cr output	0.648 Vp-p (with 75 Ω load)
Audio Section	
Audio output	Fixed: 2 Vrms (1 kHz, 0 dB)
DVD linear audio	Frequency response: 48 kHz sampling: 2 Hz to 22 kHz 96 kHz sampling: 2 Hz to 44 kHz
CD audio	Frequency response: 44.1 kHz sampling; 2 Hz to 20 kHz
Sampling Frequency	32, 44.1, 48, 96 kHz
S/N Ratio	115 dB
Dynamic Range	106 dB
Total harmonic distortion	0.0018 %
Weight	3.3 kg 7.3 lbs
Dimensions (excluding protruding parts)	434 (W)x 99 (H) x 255 (D) mm 17.1" (W)x 3.9" (H) x 10.0" (D)
Power supply	AC 120 V, 60 Hz
Power consumption	24 W