

DVD Audio-Video / Super Audio CD Player

**DENON****DVD-2910****TENTATIVE****DVD Audio/Video & Super Audio CD Player with Dual Discrete Video Circuit**

The DVD-2910 is endowed with technology to unleash the full impact of DVD-Video picture quality. The DVD-2910 also uses two 12-bit, 216-MHz video D/A converters to faithfully preserve the delicate low-level signals often lost during D/A conversion. With these advanced video image technologies, the DVD-2910 will reproduce with the highest resolution, DVD images on Progressive-compliant monitors and projectors. For sound, it is high quality audio D/A conversion and Digital Bass Management that will bring out the best of not only Super Audio CD and DVD-Audio discs, but your entire CD collection as well.



- **HDMI Interface with Multi Channel Audio/ DVI Digital Video Output (\*1)**
- 720p/ 1080i Scaling
- Squeeze Mode

- **HDMI Multi Channel Audio Ready**

- **Dual Discrete Video Circuit (D.D.V.C.)**
- **Dual 12-bit, 216-MHz Video D/A Converters**

An extremely high-speed video D/A converter is a critical component in superior quality digital video playback. The DVD-2910 therefore uses dual 12-bit, 216-MHz video D/A converters to ensure highly accurate playback of delicate, low-level video signals and give you a vivid picture that is faithful in every detail. Oversampling of 4x is used for Progressive and 8x for Interlaced video signals, allowing more detailed D/A conversion. Higher quality picture reproduction is also possible thanks to filtering with flexible shutout characteristics that is used for the analog filter in the latter stage. Furthermore, the DVD-2910 uses two separate video D/A converters to process Progressive and Interlaced signals. This eliminates mutual interference between the Progressive and Interlaced signals.

- **Noise Shaped Video (NSV)**
- **Super Sub Alias Filter**

- **Discrete Audio/Video circuit**

To ensure high-quality sound and video playback, all circuits have been given in a discrete design, a feature inherited from high-end equipment. The audio and video circuits have been mounted on separate boards that are in complete isolation from each other in order to thoroughly suppress high-frequency video noise.

The power section has been given in a discrete design as well, with separate power units provided for the audio block, video block, and digital block, ensuring a clean, stable supply of power to all circuits. Interference among

the circuits is thus thoroughly suppressed to produce high-grade playback with minimal noise.

From basic design to ease of use, the DVD-2910 has been carefully designed in every detail to deliver superior playback performance.

- **Progressive Scan featuring DCDi by Faroudja**

Progressive Scan technology represents a vast improvement over the interlaced scanning method used in TV broadcasts and other conventional applications, as it can process around twice as much video data to produce a sharper, noise-free picture with finer details. High-definition video images are faithfully displayed with optimum naturalness and beauty. Now, this DCDi technology that was available only in the higher-end DVD players has been included in Denon's affordable DVD-2910.

- **Dual 12bit 216MHz Video D/A Converter**

An extremely high-speed video D/A converter is a critical component in superior quality digital video playback. The DVD-2910 therefore uses a 12-bit, 216-MHz video D/A converter to ensure highly accurate playback of delicate, low-level video signals and give you a vivid picture that is faithful in every detail. Oversampling of 4x is used for both Progressive and Interlaced video signals, allowing more detailed D/A conversion. Higher quality picture reproduction is also possible thanks to a filter with flexible shutout characteristics that is used for the analog filter in the latter stage. Furthermore, the DVD-2910 uses two separate video D/A converters to process Progressive and Interlaced signals. This eliminates mutual interference between the Progressive and Interlaced signals.

- **DVD-Audio/ Super Audio CD Universal Player**
- **Hybrid Loader**

### ■ Dual Bottom Chassis

#### ■ All Channel Equal 24-bit, 192-kHz Audio D/A Converter

The DVD-2910 uses 24-bit, 192-kHz audio D/A converters that is well protected from noise caused by fluctuations in current from the power supply. Since the level of quantization noise within the frequency range is uniform for all frequencies, this D/A converter ensures that all the sound you hear is as clear and noise-free as possible.

#### ■ Pure Direct Mode

The DVD-2910 features a Pure Direct Mode that further improves sound quality. For example, during analog audio output, Pure Direct can turn off video signal outputs and the front panel display which can easily influence the sound quality of the analog audio signals.

#### ■ Bass Management for HDMI Digital Output

#### ■ HDCD Decoding

#### ■ DVD-R/RW,+R/RW (DVD-Video Recording Mode) Playback (\*2)

#### ■ CD-R/RW (MP3/ Windows Media Audio/ JPEG/ KODAK Picture CD) Playback (\*2)

The DVD-2910 supports the CD-R/RW format. It plays finalized CD-R/RW discs containing MP3 audio files. It also reads still photos in the JPEG format taken by a digital camera.

#### ■ GLOW Key Remote

(\*1) No signal is output when a device with HDCP-compliant DVI output is connected to a display that does not support HDCP. A display supporting HDCP must be connected in order to view images via DVI.

(\*2) Discs that have been poorly finalized following recording may be only partially playable or not playable at all.

### ■ Video Section

Signal system.....	NTSC/PAL selectable
Usable Disc.....	DVD Audio, DVD Video, DVD-R/RW (DVD Video), DVD+R/RW (DVD Video), Super Audio CD, Video CD, Music CD, CD-R/RW (AUDIO/MP3/JPEG), Picture CD
Video outputs.....	1 Set Composite video output: 1 Vp-p (with 75 ohms load)
	1 Set S-Video output: Y; 1 Vp-p (with 75 ohms load), C; 0.286 Vp-p (NTSC)
	1 Set Component Video Output: Y, Cb/Pb, Cr/Pr: Y; 1.0 Vp-p (with 75 ohms load), Cb/Pb; 0.648 Vp-p (with 75 ohms load), Cr/Pr; 0.648 Vp-p (with 75 ohms load)
	1 Set of DVI Output
	1 Set of HDMI Output

### ■ Audio Section

Audio outputs .....	1 Set of Analog Front Channel (FL/FR) Output, 1 Set of Analog Multi Channel (FL/FR/SL/SR/C/SW) Output, 1 Set of 2 ch MIX Analog Output, 1 Set of Optical Digital Output, 1 Set of Coaxial Digital Output,
Frequency response .....	2 - 88 kHz (at 192kHz fs)
Signal-to-noise ratio .....	115 dB
Dynamic range .....	106 dB
Total harmonic distortion...	0.001 %

### ■ General

Power supply .....	AC 120 V, 60 Hz
Power consumption .....	27 W
Dimensions .....	434 (W) x 101 (H) x 318 (D) mm, 17.1" (W) x 4.0" (H) x 12.5" (D)
Weight.....	4.7 kg, 10.36 lbs

## Specifications



\*Black version is available

\* Design and specifications are subject to change without notice.

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