## **DVD-1930**

# DENON

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### DivX<sup>®</sup> Compliant DVD Audio/Video & Super Audio CD Player features 1080p HDMI scaling

The DVD-1930 is endowed with technology to unleash the full impact of DVD-Video picture quality. The DVD-1930 also uses 11-bit, 216-MHz video D/A converter to faithfully preserve the delicate low-level signals often lost during D/A conversion. With these advanced video image technologies, the DVD-1930 will reproduce with the highest resolution, DVD images on Progressive-compliant monitors and projectors. In addition to these features, the DVD-1930's HDMI port supports multi-channel DVD-Video and DVD-Audio output when connected to HDMI compliant equipment. 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 (\*1)(\*2) (480P/576P/720P/1080i/1080P Scaling)

HDMI is the only interface in consumer electronics that can carry both uncompressed high-definition (HD) video and uncompressed multi-channel audio in all HD formats including 720p, 1080i and even 1080p. An all-digital, uncompressed signal translates into the highest quality video and audio, seen and heard, direct from the source. DVD-1930 scaling circuit supports up to 1080p.

#### 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-1930.

The DVD-1930 has a feature of manual IP detection mode selection. Even if a DVD-Video disc was mastered with wrong progressive flag or without a flag, the user can select a mode (Auto1, Auto2, Video1, 2 or 3) to enjoy higher performance of picture quality.

#### ■ 11 bit, 216 MHz High Resolution Video D/A Converters

#### HDMI/Component (Interlace) Parallel video outputs

#### 2 MB Buffer Memory

This unit is equipped with a 2 MB buffer memory to ensure that both picture and sound are played without interruption when the DVD disc shifts from layer 1 to layer 2, or in the rare event of a pickup dropout.

#### Picture Adjustment function

Brightness/Contrast/Colour/ Gamma Correction/Sharpness

- Picture Zooming (x2 or x4)
- DVD-Audio/Video, Super Audio CD Universal Player

#### DVD-R/RW Playback (\*3)

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With the increasing presence of DVD recorders, consumers are increasingly recording audio and video material onto DVD discs. These discs can be played back on the DVD-1930.

MP3

WMA

DIVX

#### CD-R/RW (MP3 / Windows Media Audio 9 / JPEG / Kodak Picture CD) Plavback (\*3)

The DVD-1930 supports the CD-R/RW format. It plays finalised CD-R/RW discs (single-session or multi-session) containing MP3/WMA9 audio files. It also reads still photos in the Kodak Picture CD or JPEG format taken by a digital camera. WMA (Windows Media Audio) is an audio compression format developed with Microsoft technology. It claims to offer the highest quality sound available in the industry. If WMA is used to compress a music CD on a PC, for instance, using the new Encoder 9, the quality of sound at 48 kbps is said to be equivalent to that of the original CD.

#### 24-bit, 192-kHz High Resolution Audio D/A Converters

Bass Management for HDMI Output

#### A Wealth of Playback Functions

The DVD-1930 includes a wide variety of playback functions, such as Resume Play, for returning to the Pause position on the disc after the playback was restarted; Slow Play; Repeat Play (A-B, Chapter, Track, Disc); Random Play and Program Play.

#### Aluminum Front Panel

The DVD-1930 features the front panel is made of strong, high-grade aluminum. When combined with a Denon A/V surround amp of uniform design, the matching front panels give a touch of elegance to any decor.

#### Aspect Ratio Function for Correct Image Displays

When you want to view video images with an aspect ratio of 4:3 on a 16:9 Progressive TV monitor, the DVD-1930's Aspect Ratio function converts the images to the correct aspect ratio so that you can enjoy high-quality Progressive output on your screen. This function also converts 16:9 images for output to 4:3 TV screens.

## **DVD-1930**

#### Icon Based On-screen Display

A simple press of the Display button on the remote controller lets you see the current operating status of the DVD-1930 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.

■ 24 bit/96kHz PCM Digital Output Capability

#### PCM, Dolby Digital and DTS Digital Output

#### Auto Power OFF

\*1) Version 1.1 compliant. HDMI audio output capacity is dependent on the monitor being used. HDMI outputs is HDCP compliant. Video cannot be viewed if connected to a mon tor that does not support HDCP; video can be viewed only on HDCP-compliant monitors.

\*2) HDMI output is HDCP compliant. Video cannot be viewed if connected to a monitor that does not support HDCP; video can be viewed only on HDCP-compliant monitors.

\*3) Discs that have been poorly finalised following recording may be only partially playable or not playable at all.

o Section	Audio Section	
Signal system	Audio outputs	
PAL/NTSC*	1 Set of Analog Output (L/R)	
Disc played	1 Set of Multi channel (Front L/R, Center, Surround L/R, Subwoofer	
DVD Audio, DVD Video, Music CD,	1 Optical Digital Output	
CD-R/RW (Audio/MP3/WMA/JPEG/Kodak picture CD)	1 Coaxial Digital Output	
DVD-R/RW, Super Audio CD	1 HDMI Output	
Video outputs	CD audio	
Composite Video Output:	Frequency response	4 Hz - 20 kHz
1.0 Vp-p (with 75 ohms load)	Signal-to-noise ratio	115 dB
S-Video Output:	Dynamic range	98 dB
Y; 1.0 Vp-p (with 75 ohms load),	Total harmonic distortion	0.004%
C; 0.3 Vp-p		
Component Video Output:	General	
Y, Pb/Cb, Pr/Cr:	Power supply	AC 200-240 V, 50 Hz
Y; 1.0 Vp-p (with 75 ohms load),	Power Consumption	17 W (Standby: 1.35 W)
Pb/Cb; 0.7 Vp-p (with 75 ohms load),	Dimensions	435 (W) x 75 (H) x 310 (D) mm
Pr/Cr; 0.7 Vp-p (with 75 ohms load)	Weight	2.6 kg
SCART (RGB Video Output):	Remote Control Unit	RC-1017
R: 0.7 Vp-p (with 75 ohms load)		
G: 0.7 Vp-p (with 75 ohms load)		
B: 0.7 Vp-p (with 75 ohms load)		
1 HDMI Output		
1 HDMI Output		

In above mentioned conditions, NTSC signals can be output via RGB (SCART), Component (Interlace/Progressive) and HDMI terminals



\* Black version is available



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