

# DVD-1940CI

DVD-Audio/Video &amp; Super Audio CD Player

## DVD Audio/Video & Super Audio CD Player features 1080p HDMI scaling

The DVD-1940CI is endowed with technology to unleash the full impact of DVD-Video picture quality. The DVD-1940CI also uses 12-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-1940CI will reproduce with the highest resolution, DVD images on Progressive-compliant monitors and projectors. In addition to these features, the DVD-1940CI'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.



### Bullet points

- **HDMI Interface with Multi Channel Audio <sup>(1)</sup> (480p/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-1940CI 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-1940CI.  
The DVD-1940CI 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.
- **12 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)**
- **DivX Ultra**  
\*Official DivX ® Ultra Certified product  
\*Plays all versions of DivX ® video ((including DivX ® 6)) with enhanced playback of DivX ® media files and the DivX ® Media Format
- **DVD-Audio/Video, Super Audio CD Universal Player**
- **DVD-R/RW Playback <sup>(2)</sup>**  
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-1940CI.
- **CD-R/RW and DVD-R/RW (MP3 / Windows Media Audio 9 / JPEG / Kodak Picture CD/DivX) Playback <sup>(2)</sup>**  
The DVD-1940CI supports the CD-R/RW and DVD-R/RW formats. It plays finalised CD-R/RW and DVD-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-1940CI 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-1940CI features the front panel is made of strong, high-grade aluminum.
- **RS-232C control capability**
- **Remote in/out IR control capability**
- **AC Inlet**

## Specifications

<b>Video Section</b>	
Signal system	NTSC/PAL
Disc played	
DVD Audio, DVD Video, Music CD, Video CD	
CD-R/RW (Audio/MP3/WMA/JPEG/Kodak picture CD/DivX)	
DVD-R/RW(Audio/MP3/WMA/JPEG/Kodak picture CD/DivX),	
Super Audio CD	
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, Pb/Cb, Pr/Cr:	
Y; 1.0 Vp-p (with 75 ohms load),	
Pb/Cb; 0.648 Vp-p (with 75 ohms load),	
Pr/Cr; 0.648 Vp-p (with 75 ohms load)	
HDMI Output	

<b>Audio Section</b>	
Audio outputs	
1 Set of Analog Output (L/R)	
1 Set of Multi channel (Front L/R, Centre, Surround L/R, Subwoofer)	
1 Optical Digital Output	
1 Coaxial Digital Output	
1 HDMI output	
Frequency response	
DVD	4 Hz - 22 kHz (48kHz sampling)
	4 Hz - 44 kHz (96kHz sampling)
	4 Hz - 88 kHz (192kHz sampling)
CD	4 Hz - 20 kHz
Super Audio CD	4 Hz - 100 kHz
Signal-to-noise ratio	115 dB
Dynamic range	
DVD	100 dB
CD	98 dB
Total harmonic distortion	
1 kHz CD	0.004%

<b>General</b>	
Power supply	AC 120 V, 60 Hz
Power Consumption	15 W (Standby; 0.4 W)
Dimensions (W x H x D)	17-3/32" x 2-61/64" x 12-13/64" mm
	435 x 75 x 310 mm
Weight	5.72 lbs, 2.6 kg
Remote Control Unit	RC-1017



(\*1) Version 1.3 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 monitor that does not support HDCP; video can be viewed only on HDCP-compliant monitors.

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

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- DTS and DTS Digital Out are registered trademarks of DTS Technology.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- "WMA"(Windows Media Audio) is a audio codec developed by Microsoft® in the United States of America.