



Description

The RDV-1093 is a 1080p (progressive-scan) DVD player with a built-in, high performance, video scaler with HDMI output to ensure that the very best picture quality is delivered to late-generation video-display devices. At 1920x1080 pixels, the picture quality is nothing less than stunning, revealing in startling clarity background details that, in the past, were often simply vague images. Although the best performance of the RDV-1093 is obtained with a 1080p capable TV, the advanced video scaling in the RDV-1093 will deliver better picture quality from your source components to your current video monitor at whatever its maximum resolution might be.

The RDV-1093 provides all the disc-reading flexibility you could want: DVD-Video for movies, DVD-Audio for superb high-resolution audio, and even recordable discs, such as DVD-R and DVD-RW. SVCD and JPEG photo discs aren't left out, nor are conventional music CDs or CD-R/RW discs—even those encoded with MP3 and WMA music files.

Any audio/video product's performance begins with its power supply, and the RDV-1093 has been given special attention in this regard. A switching power supply with an advanced pulse circuit and individually regulated supply stages generate optimal voltages. Critical audio and video D/A converters are all wideband designs.

Features include variable and slow search, 6-step Zoom Play, Strobe Play, and Resume functions. Plus, you'll find optical and coaxial digital audio outputs for easy connection to any system. For more advanced installations, the RDV-1093 also features an RS-232 interface and discrete IR commands.

The RDV-1093's video outputs include HDMI, composite, S-, and component video. Adaptive Geometrical Chroma Mapping reduces unwanted picture artifacts, while Digital Direct Progressive Scan (NTSC and PAL) lets you watch the best picture your monitor is capable of producing.

Specifications

General

Readable discs: DVD-Video/Audio, Audio CD, MP3 in CD-R/RW, DVD±R

Video format: PAL or NTSC. 480i/576i, 480p/576p, 720p, 1080i, 1080p

Other

Power requirements: AC 110-240 V, 50/60 Hz

Power consumption: 26 W

Weight: 5.1 kg (11.2 lbs)

Dimensions (W x H x D): 432 mm x 92 mm x 336 mm
17 x 3 5/8 x 13 1/4"

Front Panel Height: (feet removed/for rack mount)
80 mm/3 1/8"

Video output

COMPONENT (pin jack): Y Output: 1.0 Vp-p (75 ohm)
PB/PR Output: 0.7 Vp-p (75 ohm)

VIDEO OUT (pin jack): 1.0 Vp-p (75 ohm)

S-VIDEO OUT (S jack): Y Output: 1.0 Vp-p (75 ohm)
C Output (NTSC): 286 mVp-p (ohm)
C Output (PAL): 300 mVp-p (75 ohm)

HDMI: Version 1.1

Signal to noise ratio: 65 dB

Audio output

Analog Out (pin jack): 2.0 Vrms (220 ohms)

Digital Out: Optical: -21dBm to -15dBm (Peak)
Coaxial: 0.5 Vp-p (75 ohm)

Audio characteristics

Frequency response: CD (at 44.1 kHz): 2 Hz to 20 kHz
DVD (at 48 kHz): 2 Hz to 22 kHz
DVD (at 96/88.2 kHz): 2 Hz to 44 kHz
DVD (at 192/176.4 kHz) : 2 Hz to 88 kHz

Dynamic range: 16 bit: more than 100 dB
20 bit: more than 110 dB
24 bit: more than 110 dB

Wow and flutter: Unmeasurable (less than ± 0.002%)

Total harmonic distortion: 16 bit: less than 0.0018%
20/24 bit: less than 0.0012%

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