

# DV-SP303

DVD/CD/MP3 CD PLAYER

**ONKYO**  
IMAGINATIVE SIGHT & SOUND



Available in Gold

## Breaking All the Stereotypes of Entry-Level Playback

In the ever competitive entry-level home theater market, you will find a vast divide between playback components that are barely functional with those that perform well with higher grade systems. Take a good look at Onkyo's DV-SP303 DVD/CD/MP3 player, and you'll see just what is possible by focusing on simple yet effective video-audio signal processing. The DV-SP303's strength lies not only in supporting DVD video playback, but also both CD audio and digital file music playback capability, as well as offering the advantage of viewing your digital photos. Designed to be admired as well as to perform, the DV-SP303 strikes the balance between economy and better home theater standards.

### Multiformat Playback Capabilities Unseen at the Entry Level

At the entry-level, the market is flooded with DVD players that offer very little except decidedly average playback ability. The DV-SP303 not only offers quality DVD video playback, it also gives you a range of other options including DVD-R and DVD-RW recorded in DivX or Video CD format. Besides your standard audio CDs, the DV-SP303 will also play MP3 and WMA files burnt to CD-R and CD-RW (up to 10 hours or more on a single disc depending on the bit rate). The DV-SP303 will show your digital music file names on your TV display, and it will let you program a playlist of up to 24 songs from the same disc. Also, you can view your digital photos encoded in JPEG or EXIF2.2 (burnt to CD-R/CD-RW) in the enlarged frame of your TV display.

### DivX Enables Playback of Over 15,000 Online Video Titles

DivX® is the world's most popular video compression technology. This software compresses video from virtually any source to a size where it can be transferred over the internet without any reduction in visual quality. With this technology it's possible to compress a VHS tape down to 1% of its original size or a DVD down to 10% of its original size. With the invent of video-on-demand systems over the internet, you are able to take a DivX movie created on your computer, pop it into the DivX certified DV-SP303, and enjoy it on the larger screen and higher resolution of your TV.

### Digital-to-Analog Converters for Superior Video and Audio Processing

While many entry-level players lack the quality parts for signal processing, the DV-SP303 incorporates a 192 kHz/24-bit DAC for audio and a 54 MHz/10-bit DAC for video. The 192 kHz/24-bit DAC utilizes enhanced delta-sigma architecture, with 4th-order noise shaping and 8-level amplitude quantization, to achieve excellent dynamic performance. The 54 MHz/10-bit video DAC has a built-in 4:4:4 oversampling filter to ensure a loss-free signal transfer and an extended picture resolution of 540 lines—so you'll enjoy an image that is consistently artifact-free, rich in color, detail & purity, and true to the master.

### Progressive Scan with 54 MHz/10-Bit Digital-to-Analog Processing

Progressive scan capability—the ability to produce video in complete frames with no motion artifacts, a scan-line-free image, vividly clear color and incredibly sharp detail—is no longer uncommon at the entry level. Even though the latest displays and TVs have built-in deinterlacers or “line doublers” that take your video source into the progressive realm, the downside is that they have to digitize the video signal resulting in the loss of picture resolution. With the DV-SP303's 54 MHz/10-bit video DAC processing—operating at twice the speed of 27 MHz systems—you're looking at a player that will accurately deinterlace the signal in the digital domain rather than sending an analog signal to the display.

### Space-Saving Design and Focus on Usability

The DV-SP303's design will give a stylish presence to any home theater system. With a height of only 6.1 cm, the player will neatly combine with other components or distinctively stand alone. With the coaxial/digital, component, S-Video and composite video outputs simply laid out on the rear for easy connection, the DV-SP303 is ready for stress-free connection to your home theater receiver. Through your remote control, you'll find the extensive use of onscreen displays—from your initial settings to playing your DivX, MP3, WMA and JPEG files—makes the DV-SP303 an intuitive and easily operable player.

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## Audio & Video Features

- Plays DVD, MP3 CD, WMA CD, CD-R/RW, DVD-R/RW, DivX-encoded CD, JPEG encoded CD, DVD video and audio CD\*
- 192 kHz/24-bit DAC
- Advanced 54 MHz/10-bit video DAC
- Progressive scan video output
- Coaxial and optical digital output for DTS, Dolby Digital
- Last play memory (DVD/CD) and resume function
- Program memory and playback
- DVD and CD fast forward and reverse (DVD: 4 speeds/ CD: 4 speeds)
- Slow motion DVD playback at 1/2, 1/4, 1/8 or 1/16 normal speed
- 2-mode repeat (title, chapters)
- Random playback for DVD Video (chapters)
- Zoom function (normal, 2x, 4x)
- Multi-aspect ratio (16:9, 4:3)
- Multi-camera angle
- Full-time active video outputs (component video, S-Video, composite)
- Parallel outputs—all outputs active
- Screen saver

\*Discs that have not been properly finalized may only be partially playable or not playable at all.

## Other Performance Features

- High-resolution onscreen display (English, Chinese, Spanish, French)
- Audio dynamic range control
- Supplied A/V and S-Video cables
- Full-function remote control



Full-function remote

## SPECIFICATIONS

### VIDEO SECTION

Signal System	NTSC/PAL/Auto mode
Composite Video Output/Impedance	1.0 V <sub>p-p</sub> /75 Ω negative sync., RCA
S-Video Output/Impedance	Y: 1.0 V <sub>p-p</sub> /75 Ω negative sync., 4-pin mini DIN C: 0.286 V <sub>p-p</sub> /75 Ω
Component Video Output/Impedance	Y: 1.0 V <sub>p-p</sub> /75 Ω Pb/Pr: 0.7 V <sub>p-p</sub> /75 Ω

### AUDIO SECTION

Frequency Response	DVD Linear Sound ..... 4 Hz-44 kHz (96 kHz) 4 Hz-22 kHz (48 kHz) Audio CD ..... 4 Hz-20 kHz (44.1 kHz)
S/N Ratio	106 dB
Audio Dynamic Range	96 dB
Total Harmonic Distortion	0.002 % (1 kHz)
Wow and Flutter	Below threshold of measurability
Audio Output/Impedance	Coaxial ..... 0.5 V <sub>p-p</sub> /75 Ω Optical ..... 0.5 V <sub>p-p</sub> /75 Ω Analog ..... 2.0 V (rms)/440 Ω

### GENERAL

Power Supply	AC 110-127/220-240 V, 50/60 Hz
Power Consumption	7 W
Standby Power Consumption	0.7 W
Dimensions (W x H x D)	435 x 61 x 215.5 mm
Weight	1.8 kg

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