

# DV-SP1000

THX ULTRA CERTIFIED UNIVERSAL DVD-AUDIO & SUPER AUDIO CD PLAYER

**ONKYO**  
IMAGINATIVE SIGHT & SOUND



Available in Gold or Black

## Audio and Video Delivery to Set the Standard for DVD Players

Many say that the receiver is the heart of your home theater but it still needs movies and music pumped to it and there's no better way than the rugged DV-SP1000. One look at this DVD player and you'll know it's built to last. Vibrations are kept to a minimum with a sturdy chassis and loading mechanism specifically designed for the smoothest delivery of your movies and music. Universal takes on an entirely new dimension with the DV-SP1000 not only providing you with DVD Audio-Video and Super Audio CD playback, but also analog and pure digital reproduction with the inclusion of HDMI (High-Definition Multimedia Interface) and i.LINK connections for high-quality movies and multi-channel music. Onkyo's VLSC (Vector Linear Shaping Circuitry) and FlexScale from Oplus video scaling of 480i/480p sources to 720p or 1080i guarantee superlative audio and video playback that other manufacturers can't match. You'll find all of this encased within a THX Ultra certified component ready to deliver meticulous audio and video to your home theater.

### Exclusive Design Concept

Our over 50 years of experience in Imaginative Sight & Sound allows you to experience pure listening and viewing pleasure. Onkyo not only provides you with the highest picture quality available through Veridic Progressive Scan and 216 MHz/14-bit video DAC, but also audiophile quality sound from 192 kHz/24-bit audio D/A converters and Onkyo exclusives like Dual Direct Digital Path technology and VLSC (Vector Linear Shaping Circuitry). All of this adds up to a truly astounding sight & sound experience.

### HDMI—High-Definition Multimedia Interface

The DV-SP1000 incorporates the latest in interface technology with the addition of HDMI (High-Definition Multimedia Interface) capability. This high-bandwidth interface supports not only remarkable amounts of uncompressed digital video but audio as well. Up to 5 Gbps of data, more than twice what's needed for a high-definition movie with surround sound, can be handled with room for future requirements. All this data is kept in the digital domain as there are no D/A or A/D conversions needed to ensure the highest sound and video quality available.

### i.LINK

The allure of surround sound DVD-Audio and Super Audio CD had previously been limited by analog-only connections. i.LINK lets you broaden your multi-channel experience while at the same time simplifying it. One wire allows you to transmit high-resolution multi-channel music in the digital rather than the previous analog domain to get the DVD-Audio and Super Audio CD experience you've been waiting for.

### THX-Ultra Certified

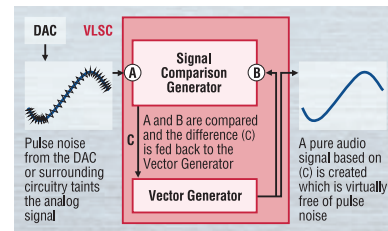
Only those players capable of realizing the highest potential of DVD technology can bear the THX certification badge. It means the DV-SP1000 meets the exceedingly high THX Ltd. Performance standards for not only the sound and the picture, but also for user convenience, basic quality and long-term reliability.

### Oplus FlexScale Video Scaling Capability

Progressive scan players can, at most, output a 480p signal to compatible TVs or projectors. The DV-SP1000 will upscale conventional DVD (480i/480p) to either 720p or 1080i via the built-in FlexScale video scaling capability from Oplus. The result is a crystal clear, sharper image on HDTV compliant televisions or projectors to bring your viewing experience to previously unattainable levels.

### VLSC (Vector Linear Shaping Circuitry)

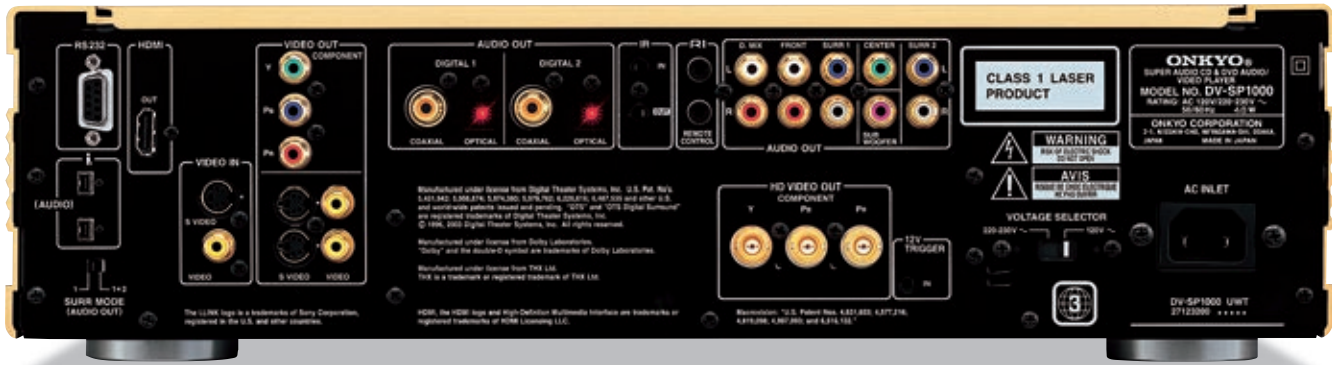
Conventional D/A conversion methods reduce digital pulse noise at the conversion stage but can't remove it completely. Previously only available on Onkyo's high-end components, VLSC (Vector Linear Shaping Circuitry) employs a unique D/A conversion circuit to overcome this problem. Data is converted between the sampling points and these discrete sampling points are joined with analog vectors in real-time to produce a smooth output wave form. The result—a virtually noiseless, smooth analog signal based on the digital source.



Black model

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## Video Features

- THX Ultra certified
- DTS, Dolby Digital decoding
- Plays DVD-Audio & Video, DVD-R/RWs, DVD+R/RWs\*, Super Audio CDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs, Audio CDs, JPEG encoded picture CDs
- High performance HDMI video output
- Oplus FlexScale video scaling of 480i/480p sources to 720p or 1080i
- 216 MHz/14-bit Analog Devices NSV video DAC
- NTSC 3:2 pulldown and PAL Veridic Progressive Scan video output
- 2 component video (RCA/BNC), S-Video and composite outputs
- Last play memory (5 DVDs)
- Program playback and memory (32 DVDs/CDs/VCDs)
- Condition memory (15 DVDs) for audio and subtitle languages, multi angle video adjust, onscreen display (position), and parental lock
- Fast forward and reverse [DVD-Video: 5 steps] [DVD-Audio/Super Audio CD/VCD/CD: 3 steps]
- Slow motion DVD-Video playback (without sound) 1/2, 1/4, 1/8, 1/16 the normal speed
- TITLE/CHAPTER/TRACK repeat
- Random playback (DVD, CD, MP3 folder/track)
- 8-language soundtrack capability
- 32 subtitle languages

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

## Audio Features

- i.LINK digital output
- 192 kHz/24-bit audio DACs
- Dual Direct Digital Path
- VLSC (Vector Linear Shaping Circuitry)
- 96 kHz or 48 kHz selectable digital output
- Analog line level output
- Optical & coaxial digital outputs
- Plays up to 10 hours of music on a single MP3 CD (depending on the MP3 file bit rate)
- Surround-2 mode capability

## Other Performance Features

- Dual-laser optical pickup
- DVD quick-start play
- Dedicated subwoofer pre out
- High resolution onscreen display (English, Chinese)
- Front panel cursor control
- 4-level display dimmer (normal, dim, dark, off)
- Video circuit off
- Supplied A/V, S-Video, HDMI and i.LINK cables
- Supplied high-quality AC power cord
- Rigid aluminum front/side panel with brass stabilizers
- Rugged, anti-resonant design
- Elegant aluminum-faced backlit remote control



Backlit Remote Control

## SPECIFICATIONS

### VIDEO SECTION

Signal System	PAL/NTSC
Composite Video Output/Impedance	1.0 Vp-p/75 Ω negative sync.
S-Video Output/Impedance	Y: 1.0 Vp-p/75 Ω negative sync., 4-pin mini DIN C: 0.286 Vp-p/75 Ω
Component Video Output/Impedance	Y: 1.0 Vp-p/75 Ω negative sync. Pb/Pr: 0.7 Vp-p/75 Ω

### AUDIO SECTION

#### Frequency Response

DVD Audio	4 Hz-88 kHz (192 kHz)
DVD Linear Sound	4 Hz-44 kHz (96 kHz) 4 Hz-22 kHz (48 kHz)
Audio CD	4 Hz-20 kHz (44.1 kHz)

Signal-to-Noise Ratio	112 dB
Audio Dynamic Range	106 dB
THD (Total Harmonic Distortion)	0.002 % (1 kHz)
Wow and Flutter	Below threshold of measurability

#### Audio Output

Optical	-22.5 dBm
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#### Audio Output/Impedance

Coaxial	0.5 Vp-p/75 Ω
Analog	2.0 V RMS, 320 Ω

### GENERAL

Power Supply	AC 120/220-230 V, 50/60 Hz
Power Consumption	48 W
Dimensions (W x H x D)	435 x 123 x 374 mm
Weight	12.1 kg
Disc Compatibility	DVD-Video, DVD-Audio, Super Audio CD, DVD-R/RW, DVD+R/RW*, Music CD/CD-R/RW, Video CD, MP3, JPEG encoded CD *Disc that have not been properly finalized may only be partially playable or not playable at all.

Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice.

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