

DV-CP702

6-Disc DVD/CD/MP3 CD CAROUSEL CHANGER

ONKYO
IMAGINATIVE SIGHT & SOUND



Available in Silver or Black

A 6-Disc DVD/CD Changer for Hours of Uninterrupted Movie and Music Enjoyment

The ability to provide hours of endless entertainment is what sets the DV-CP702 apart from the rest. The exclusive 6-disc capability of this DVD/CD player lets you make almost limitless combinations of DVD video discs, music CDs, MP3 CDs, and even those pictures from your last vacation on JPEG encoded picture CDs. All of this brought to you from state-of-the-art 192 kHz/24-bit audio DACs and 54 MHz/10-bit video DACs for one of the most technologically advanced carousel changers on the market. You may just find yourself staying at home a bit more often.

Experiencinema

Our over 50 years of experience in Imaginative Sight & Sound allows you to experience pure listening and viewing pleasure through our Experiencinema concept. Onkyo not only provides you with the highest picture quality available, through progressive scan, but also audiophile quality sound from 192 kHz/24-bit D/A converters and Onkyo exclusives, such as Direct Digital Path technology and VLSC (Vector Linear Shaping Circuitry). All of this adds up to a truly astounding sight & sound experience. Experiencinema—the way it was meant to be.

State of the Art 192 kHz/24-Bit Burr Brown DAC

This top-quality digital-to-analogue converter utilizes Burr-Brown's enhanced multi-level delta-sigma architecture, which employs 4th-order noise shaping and 8-level amplitude quantization to achieve excellent dynamic performance and improved tolerance to clock jitter.

Exclusive Direct Digital Path

Unlike other DVD players that use PC-board copper traces to transfer the digital audio signal, the DV-CP702 employs a high-purity, heavy-gauge, shielded cable to directly output the 96 kHz/24-bit digital bitstream straight from the disc to the back panel. The result is a noise-free digital audio signal that is less susceptible to flux.

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 analogue vectors in real-time to produce a smooth output wave form. The result—a noiseless, smooth analogue signal based on the digital source.

Unique Design Concept

The DV-CP702 is not only a versatile performer, it also sports a design exclusive to this player. Just one look will reveal a slimline component with easy placement possibilities. An elegant blue light conveniently located above the loading mechanism offers easy disc recognition when changing in the dark. And when you open the tray to put in your favourite movie or music discs, you'll be amazed at the lack of sound from its exclusive, *ultra-quiet loading mechanism*.

Outstanding Disc Compatibility

While all DVD players can play CDs, the DV-CP702 can also play both CD-R/RWs, DVD+R/RWs* and DVD-R/RWs as well as CDs that hold MP3 and JPEG picture encoded files.

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



Black model

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Video Features

- Plays DVDs, MP3 CDs, WMA CDs, CD-R/RWs, DVD+R/RWs*, DVD-R/RWs, JPEG encoded picture CDs, video and audio CDs
- Advanced 54 MHz/10-bit video D/A conversion (for progressive scan)
- NTSC progressive scan
- Component video output
- Passes PLUGE signals
- Last play memory and resume function
- Condition memory (15 DVDs) for audio and subtitle languages, multi angle video adjust, onscreen display (position), and parental lock
- DVD, CD & VCD fast forward and reverse (DVD: 3 speeds, CD/VCD: 2 speeds)
- Slow motion DVD playback (without sound) at 1/2, 1/4, 1/8 or 1/16 the normal speed
- 4-Mode repeat (title, chapters, tracks, A-B block)
- Random playback (DVD, CD, MP3 folder/track)
- Memory playback
- 8-Language soundtrack capability
- 32 Subtitle languages
- Multi-aspect ratio (16:9, 4:3)
- Multi-camera angle
- Bit-rate meter display
- Full-time active video outputs (composite, S-Video, component-video)
- Screen saver

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Audio Features

- VLSC—Vector Linear Shaping Circuitry
- 192 kHz/24-bit audio DAC
- Direct Digital Path
- 96 kHz or 48 kHz selectable digital output
- Optical & coaxial digital outputs for DTS/Dolby Digital/PCM
- Plays up to 10 hours of music on a single MP3 CD (depending on the MP3 file bit rate)
- Chain mode (CD, DVD, All)

Other Performance Features

- Exclusive 6-disc carousel changer design
- Ultra-quiet loading mechanism
- Blue light for disc recognition
- Chain mode (DVDs, VCDs, MP3 CDs, WMA CDs and audio CDs)
- Full set of A/V outputs (component, S-Video & composite)
- DVD quick-start play
- High resolution on-screen display (English, Chinese)
- Audio dynamic range control
- Front panel cursor control
- 3-Level display dimmer (normal, dim, dark)
- Supplied A/V and S-Video cables
- Full-function IR-compatible remote control



Full-function IR-compatible Remote

SPECIFICATIONS

VIDEO SECTION

Signal System	PAL/Auto Mode
Composite Video Output/Impedance	1.0 Vp-p/75 Ω
S-Video Output/Impedance	Y: 0.7 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 Pb/Pc: 0.7 Vp-p/75 Ω
Component Video Frequency Response	5 Hz-50 MHz

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	100 dB
Audio Dynamic Range	95 dB
THD (Total Harmonic Distortion)	0.006 % (1 kHz)
Wow and Flutter	Below threshold of measurability
Audio Output	Optical -22.5 dBm
Audio Output/Impedance	Coaxial 0.5 Vp-p/75 Ω Analogue 2.0 V (rms)/440 Ω

GENERAL

Power Supply	AC 230-240 V, 50/60 Hz
Power Consumption	13 W
Stand-by Power Consumption	0.96 W
Dimensions (W x H x D)	435 x 91 x 432 mm
Weight	5.3 kg.

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