

DV-CP701

6-Disc DVD/CD/MP3 CD CAROUSEL CHANGER

ONKYO
IMAGINATIVE SIGHT & SOUND



Available in 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-CP701 apart from the rest. The exclusive 6-disc capability of this DVD/CD player lets you play almost limitless combinations of DVD video discs, music CDs, MP3 CDs, and even those pictures from your last vacation on JPEG or Kodak 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 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-analog 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-CP701 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.

Progressive Scan

Most DVDs are "progressive"—meaning they produce video in complete frames. But to be compatible with all TVs, the DVD signal must be interlaced—a method where the picture is split into two fields and then blurred together to look like one. Progressive scan retrieves the original progressive signal, and on such compatible displays as HDTV, plasma or digital TV and high-end projectors, "paints" all the visible lines on the screen in a single pass—so you'll enjoy a scan-line-free image, spectacularly clear color, no motion artifacts, and details so sharp they seem as if they're etched onto the screen.

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 noiseless, smooth analog signal based on the digital source.

Unique Design Concept

The DV-CP701 is not only a versatile performer, it also sports a design exclusive to this player. Just one look will reveal a slimline component for easy placement possibilities. An elegant blue light conveniently located above the loading mechanism for easy disc recognition when changing in the dark. And when you open the tray to put in your favorite movies or music discs, you'll be amazed at the lack of sound with its exclusive, *ultra-quiet loading mechanism*.

Outstanding Disc Compatibility

While all DVD players can play CDs, the DV-CP701 can also play both CD-R/DVD-Rs (write-once) and CD-RW/DVD-RWs (rewritable) as well as CDs that hold MP3 and Kodak picture coded files.

Chain Mode

The purpose of having a multi-disc changer is continuous, uninterrupted enjoyment of your movies and music. With the Chain Mode found in the DV-CP701, Onkyo provides you the ability to do just that. With the three modes available (CD, DVD, All) you can, for example, choose the "CD Chain Mode" and the player will play only the CDs you have in your changer.

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Video Features

- Plays DVDs, MP3 CDs, WMA CDs, CD-R/RWs, DVD-R/RWs*, Kodak and JPEG encoded Picture CDs, Video and Audio CDs
- Advanced 54 MHz/10-bit video D/A conversion (for Progressive Scan)
- Progressive Scan
- Passes PLUGE signals
- Last play memory (6 DVDs) and resume function
- Program Playback
- Program Memory (24 DVDs)
- 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)
- 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

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

Audio Features

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

Other Performance Features

- Exclusive 6-Disc carousel changer design
- Ultra-quiet loading mechanism
- Blue light for disc recognition
- Chain mode (CD, DVD, All)
- Dual-laser optical pickup
- Full set of A/V outputs (component, S-Video & composite)
- DVD Quick-Start Play
- High resolution onscreen display (English, Chinese)
- Front panel cursor control
- 3-Level display dimmer (Normal, dim, dark)
- Supplied A/V and S-Video cables
- Full-function RI-compatible remote control



Full-function RI-compatible Remote

SPECIFICATIONS

VIDEO SECTION

Signal System	PAL/Auto Mode
S-Video Output/Impedance	1.0 Vp-p/75 Ω (Component and S-Video Y) 0.286 Vp-p/75 Ω (S-Video C)

Component Signal

Output/Impedance	0.7 Vp-p/75 Ω (Component Pb/Cb, Pb/Cr)
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Video Output/Impedance	1 Vp-p/75 Ω (Composite)
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Frequency Response	5 Hz-13.5 MHz
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AUDIO SECTION

Frequency Response

DVD Liner 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

90 dB

Audio Dynamic Range

95 dB

THD (Total Harmonic Distortion)

0.008 %
(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

Analog 2.0 V (rms)/440 Ω

GENERAL

Power Supply AC 230-240 V, 50 Hz

Power Consumption 13 W

Dimensions (W x H x D) 435 x 91 x 432 mm

Weight 5.3 kg

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

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"Surround EX" is a jointly developed technology of THX Ltd. and Dolby Laboratories, Inc. and is a trademark of Dolby. "DTS" is a trademark of Digital Theater Systems, Inc.

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ONKYO
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Onkyo Corporation Business Unit Dept.: 2-1, Misshin-cho, Neyagawa-shi, OSAKA 572-8540, JAPAN Tel: 072-831-8005 Fax: 072-833-5222 <http://www.onkyo-intl.com/>

Australia: Sole Distributor, Amber Technology Ltd. Unit B, 5 Skyline Place, Frenchs Forest, NSW 2086, Sydney, AUSTRALIA

Tel: 612-9452-8600 Fax: 612-9975-1368 <http://www.ambertech.com.au> e-mail: consumer@ambertech.com.au

New Zealand: B&W Loudspeakers (N.Z.) Ltd. 95 Tuam Street, Christchurch, New Zealand Tel: 64-3-365-5677 Fax: 64-3-366-7853

Brazil: Sole Distributor, DISAC COMERCIAL LTDA Rua Alexandra, 10-Parque Alexandre-Cond. Corporation Rodovia Raposo Tavares Km 28-CEP 06700-000 Cotia-SP BRAZIL
Tel: 55-11-4702-5044 Fax: 55-11-4702-3014