

# DX-C390

6-DISC CD CAROUSEL CHANGER

**ONKYO**  
IMAGINATIVE SIGHT & SOUND

COMPACT disc DIGITAL AUDIO MP3 6 DISC CAROUSEL MECHANISM VECTOR LINEAR SHAPING CIRCUITRY VQA DIRECT DIGITAL PATH



Available in Black

## Up to 6 Discs For Hours of Music To Set Your Life To

Music lovers rejoice! Those looking for the ultimate in CD playback from an audiophile grade component will be impressed with high-precision VQA (Vector Quantizer Audio DAC Technology) and 128 x oversampling. Others looking for convenience will thrill at the sight of 6-disc capability, 6 repeat modes, 40 track programming and no worries about interruptions to your music with the ability to change 5 discs while the last one is still playing. All will marvel at crystal clear playback enhanced by our exclusive VLSC (Vector Linear Shaping Circuitry) for a smoother sounding audio signal and Direct Digital Path, a heavily shielded, high-quality cable to protect that same delicate audio signal from noise emitted by the surrounding circuits. Housed in a sturdy chassis graced with a brushed aluminum front panel, the DX-C390 is ready to provide hours of uninterrupted music for the soundtrack to your life.

### Unique Design Concept

Change up to 5 discs while one is still playing with the DX-C390's exclusive 6-disc carousel design. Also, an elegant light is 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 music, you'll be amazed at the lack of sound with its exclusive ultra-quiet loading mechanism.

### Exclusive Direct Digital Path

Unlike other CD players that use PC-board copper traces to transfer the digital audio signal, the DX-C390 employs a high-purity, heavy-gauge, shielded cable to directly output the 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.

### Wolfson Microelectronics 192 kHz/24-bit DAC Featuring VQA (Vector Quantizer Audio) Technology

The DX-C390 is proud to feature a Wolfson Microelectronics 192 kHz/24-bit DAC (digital-to-analog converter) specially designed for digital audio applications. Incorporating a novel multi bit sigma-delta design, this DAC boasts a 128 x oversampling rate to optimise the S/N (signal to noise) ratio performance and increased clock jitter tolerance. Also incorporated is exclusive VQA (Vector Quantizer Audio) technology. This breakthrough provides a smoother and leveler signal up to and beyond 20 kHz for optimal sound from your CD collection.

### 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.

### MP3 Playback

Instead of using your small computer speakers, you can play your MP3 files via the DX-C390—up to 10 hours or more of music on a single disc, depending on the bit rate of the MP3 files. Play these back with Onkyo's exclusive VLSC (Vector Linear Shaping Circuitry) to bring out the nuances and clarity you would have never thought possible.

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6-Disc CD CAROUSEL CHANGER



## Features

- 6-Disc carousel changer with ultra-quiet loading mechanism
- VLSC (Vector Linear Shaping Circuitry)
- VQA (Vector Quantizer Audio) technology
- CD-R/CD-RW/MP3 CD playback capability
- Multi-bit D/A Converter
- 128 x oversampling
- Direct Digital Path
- Change up to 5 discs during play
- Optical & coaxial digital output
- Fixed output
- 40-track programming
- Next selection (via remote)
- 6 Repeat modes (Entire disc/All discs/Random tracks/Programmed tracks/Random memory/Single track)
- 4-mode display dimmer
- Green light for disc recognition
- Brushed aluminum front panel
- Full-function RI remote control



Full-function RI remote

## SPECIFICATIONS

Signal Readout System	Optical Non-Contact
Reading Rotation	About 500-200 r.p.m. (Constant linear velocity)
Linear Velocity	1.2-1.4 m/s
Error Correction System	Cross Interleave Reed Solomon Code
D/A Converter	Multi-bit
Number of Channels	2 (Stereo)
Digital Filter	128 x oversampling
Frequency Response	5 Hz-20 kHz
Total Harmonic Distortion	0.005 % (at 1 kHz)
Dynamic Range	96 dB
Signal to Noise Ratio	98 dB
Channel Separation	92 dB (at 1 kHz)
Wow and Flutter	Below threshold of measurability
Power Supply	AC 230-240 V, 50 Hz
Power Consumption	8 W (230 V, 50 Hz)
Stand-by Power Consumption	3.4 W
Dimensions (W x H x D)	435 x 131 x 432 mm
Weight	6.8 kg

Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. "VOA" is a trademark of Wolfson Microelectronics plc. "VLSC" is a trademark of Onkyo Corporation.

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