

# C-1VL

AUDIOPHILE GRADE CD PLAYER

**ONKYO**  
IMAGINATIVE SIGHT & SOUND

 VECTOR LINEAR SHAPING CIRCUITRY

 192kHz/24-bit

DIRECT DIGITAL PATH



Available in Silver

## The Finest Musical Source Provided to Complete Your Premium Digital Experience

While a lot of people are simply using their DVD players to play their music CDs, there are those who still demand the stand-alone experience. This is the CD player for them. Onkyo engineers, many of them trained musicians, have designed the C-1VL as the perfect complement to our A-1VL digital amplifier. Together, they deliver a truly audiophile-grade listening experience. Providing you with the purest audio signal possible is our goal, hence Onkyo exclusives like VLSC (Vector Linear Shaping Circuitry) and Direct Digital Path. Highly accurate D/A converters from Wolfson ensure an optimal S/N ratio, while a super high-precision clock meticulously controls the timing of all digital signals. Lastly, the sturdy outer build guarantees that your audio signal is never tainted by unwanted outside noise and vibrations. The C-1VL from Onkyo—a CD player for those looking for more from their music.

### Onkyo C-1VL High-Precision Clock

The C-1VL boasts an extremely precise clocking mechanism to control and coordinate the timing of all digital signal processes. If you think of the clock as an orchestra conductor, then the separate digital signals are the individual instruments in that orchestra. Without a talented conductor—i.e., an accurate clock—the sound can become muddy and indistinguishable. With the C-1VL's state-of-the-art crystal oscillator, though, you can rest assured. It achieves frequency deviation of just  $\pm 1.5$  ppm, compared with  $\pm 50$  ppm on a conventional crystal oscillator. The difference is, if you'll excuse the pun, crystal clear: a stunningly realistic sound field, and a beautifully sustained tone for all musical instruments.

### Exclusive Direct Digital Path

Unlike other CD Players that use PC-board copper traces to transfer the digital audio signal, the C-1VL 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.

### Wolfson Microelectronics 192 kHz/24-bit DAC

The C-1VL is proud to feature a Wolfson Microelectronics 192 kHz/24-bit DAC (digital-to-analogue 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 to increase clock jitter tolerance.

### 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.

### High-Grade Build Quality

In addition to features only Onkyo can give you, we've made sure that unwanted noise and vibrations won't taint your delicate audio signal. Just one look at the C-1VL will confirm this is a CD player built to last. The rugged chassis on the outside makes sure that any shelf-borne noise never interrupts your listening. Inside you'll find brass insulators and pinjacks along with other audiophile-grade parts. On the back are digital outputs that allow you to hook up to high-quality receivers like the A-1VL for an audio experience that finally does justice to your music CDs.

# C-1VL

AUDIOPHILE GRADE CD PLAYER



## Features

- Audio CD/CD-R/CD-RW/MP3 CD playback capability
- VLSC (Vector Linear Shaping Circuitry)
- High-grade Wolfson D/A Converter
- 128x oversampling
- Onkyo High-Precision Clock
- Direct Digital Path
- 3 Digital outputs (2 optical/1 coaxial)
- 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
- Brass insulator
- Brass pinjacks
- Brushed aluminium front panel
- Rugged chassis to prevent vibrations
- Heavy-duty, inlet power cord
- High-grade pin cable included
- Full-function RI remote control



Full-function RI remote

## SPECIFICATIONS

Frequency Response	5 Hz-20 kHz
Total Harmonic Distortion	0.002 %
Audio Dynamic Range	96 dB
Signal-to-Noise Ratio	110 dB
Output Terminals	
Optical	-22.5 dB
Coaxial	0.5 Vp-p/75 Ω
Analogue	2.0 V (rms)/320 Ω
Power Supply	AC 230 V-240 V, 50 Hz
Power Consumption	9 W
Dimensions (W x H x D)	435 x 81.5 x 356 mm
Weight	6.8 kg

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

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