

Denon's Passionate Craftsmanship to Pure Audio in an LP-sized Chassis, for Serious Music Lovers

The CX concept represents an amalgamation of **Simple & Compact Refined Design**, **Denon Hi-Fi Craftsmanship** and **Denon Professional Manufacturing Technology**. The RCD-CX1 inherits its amplifier circuit, power circuit, CD mechanism, and audio circuit from the high-end CX3 series and provides them in a compact unit for avid music lovers.



AL24 Processing

MP3



Features

Super Audio CD Receiver RCD-CX1

- Denon audio audiophile technology in a compact LP sized aluminum housing
- Plays Super Audio CDs, music CDs, and CD-R/RW; as well as MP3 and WMA audio tracks
- Powerful amplifier circuit providing superior speed and rich musical expression
- Vibration-resistant construction
- Short signal paths to minimize signal degradation
- Advanced S.V.H. (Suppress Vibration Hybrid) Mechanism
- AL24 Processing to dramatically enhance the music listening experience
- Simple and intuitive operation
- Enjoy various music media in high-quality sound
- Extensive Use of audiophile grade quality parts

Powerful amplifier circuit providing superior speed and rich musical expression

The amplifier circuit of the DRA-CX3 with its high power conversion efficiency of 90% has been used in the RCD-CX1 as well. Despite the built-in CD player and compact body, the RCD-CX1 is capable of a high-power output of 75W + 75W (4Ω) to ensure outstanding speaker drive performance. The RCD-CX1's powerful amplifier circuit gives you a rich and satisfying musical sound.

Robust power circuit with ample support for sudden sound bursts

The RCD-CX1's power circuit supplies sufficient, stable current even when demand peaks instantaneously. Highly efficient, stable current supply has been made possible by a Denon-developed control system. Sudden bursts of sound such as cymbal claps are reproduced with realistic clarity.

Vibration-resistant construction

From the power supply board, power and preamp board, the CD mechanism with triple-layer construction, to the chassis that contains these and all the other elements; the construction of the RCD-CX1 is extremely vibration-resistant to ensure that vibration does not adversely affect the sound. This construction allows the RCD-CX1 to accurately reproduce each individual sound of the original recording.

Short signal paths to minimize signal degradation

Denon's aim is to reproduce the original sound with complete fidelity and allow listeners to enjoy the artist's musical expression as it was heard on the day of recording. This has been Denon's idea ever since it first began manufacturing audio components. The shorter the signal path from disc to speakers the easier it is to faithfully reproduce the original sound free of noise. This principle of "Simple & Straight" is strictly implemented in the RCD-CX1 to give you a clean and transparent sound.

Advanced S.V.H. (Suppress Vibration Hybrid)

Mechanism

To ensure impeccable accuracy in reading audio signals from the disc, particular attention has been devoted to the design and adjustment of the optical axis and base that supports the laser pickup. This has been done so that they are perfectly aligned. The RCD-CX1 incorporates a highly-acclaimed S.V.H. (Suppress. Vibration. Hybrid.) loader that features a hybrid construction combining many different types of materials to suppress vibration and further improve disc reading accuracy. The refined design includes a thin disc tray. You just need to open and close this tray to see how smooth and precise the loading mechanism is.

Enjoy various music media in high-quality sound

The RCD-CX1 provides a dedicated control terminal for the separately available Denon Control Dock for iPods, this lets you connect and play music from your iPod. The RCD-CX1's remote control unit lets you perform iPod operations such as Play and Skip. Music of various kinds can also be enjoyed with the RCD-CX1's AM/FM tuner.

Newly-developed, easy-to-use remote control unit

The buttons have been laid out so that the various functions of the amp and CD are easy to operate.

Simple and intuitive operation

- Direct Power On: Power turns on automatically when the CD Play button is pressed.
- Fade Out: If you switch to FM radio or another sound source while listening to a CD, the sound from the CD will automatically fade before the switch is made.

Main Specifications: RCD-CX1

Receiver section	
Rated output	75W + 75W (4Ω, DIN, 1kHz, T.H.D. 0.7%)
High frequency distortion	0.05% (-3dB at rated output, 8Ω, 1kHz)
Output terminals	Speaker: 4 - 16Ω Suited for headphones/ stereo headphones
Equalizer amplifier output (REC OUT terminals)	Rated output: 150mV
Input sensitivity/Input impedance	PHONO (MM): 2.5mV/47kΩ PHONO (MC): 0.2 mV / 100 Ω/ohms CD, LINE1, LINE2: 130 mV / 47 kΩ/kohms
RIAA deviation	PHONO (MM): 20 Hz ~ 20 kHz ±0.5 dB PHONO (MC): 30 Hz ~ 20 kHz ±0.5 dB
Reception frequency range	FM : 87.5 MHz - 108.0 MHz AM : 522 kHz - 1611 kHz
Reception sensitivity	FM : 1.5 μV / 75 Ω/ohms AM : 20 μV
FM channel separation	35 dB (1 kHz)
FM S/N ratio	Monaural : 74 dB Stereo : 70 dB
FM harmonic distortion	Monaural : 0.3 % Stereo : 0.4 %
S/N ratio	PHONO (MM) : 84 dB (With input terminals short-circuited, 5 mV input signal) PHONO (MC) : 70 dB (With input terminals short-circuited, 0.5 mV input signal)
(A-weighted network)	LINE1, LINE2 : 95 dB (input terminals short-circuited)

Tone control	BASS : 100 Hz ± 8 dB TREBLE : 10 kHz ± 8 dB	
Frequency response	10 Hz - 40 kHz (+0.5 dB, -3 dB) (INPUT: CD, PURE DIRECT: ON)	
CD section		
	[Super Audio CD]	[CD]
Analog output		
Signal type	1-bit DSD	16-bit linear PCM
Sampling frequency	2.822 MHz	44.1 kHz
Digital output		
Optical	-	-15 - -21 dBm
Emission wavelength	-	- 660 nm
General		
Power supply	AC 230 V, 50 Hz	
Power consumption	50 W 0.3 W (Standby)	
Maximum external dimensions	300 (W) x 110 (H) x 341 (D) mm	
Weight	8.0 kg	

Terminals: RCD-CX1

IN		
PHONO		1
LINE 1		1
LINE 2 (PB)		1
OUT		
LINE 2 (REC)		1
PRE OUT		1
DIGITAL OPTICAL OUT		1
OTHERS		
AM ANTENNA		1
FM ANTENNA		1
DOCK CONTROL		1

EAN	
RCDCX1SPE2	4582116360118

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