

1RU Slot-in Broadcast CD Player

DN-C620

Denon Professional, a name synonymous in broadcast, is proud to introduce its next generation broadcast CD player.

Built on the success of the award-winning DN-C640, the new DN-C620 from Denon Professional is, at the heart of it, a full-featured, rack-mounted CD player. But note the word "Professional" in the brand name. With a combination of flexible file formats and comprehensive inputs and outputs, this machine takes the "CD player" concept to new heights.



Key Features

- 1 RU Rackmount Size with slot-in CD mechanism
- Supports CD-DA (.cda), WAVE (.wav), MPEG-1/2 Layer III (.mp3)
- +/- 12% Pitch Control
- User-programmable Quick Replay Feature (Skip back)
- End Monitor and User-selectable Finish Mode Features
- Cue to Music (with dedicated button)
- Program / Random Play Modes
- Repeat One, All, A-B Modes
- Balanced Audio Output (XLR)
- Digital Audio Output with S/PDIF and AES/EBU Connectors
- Fixed and Variable Level Unbalanced Audio Outputs (RCA x 2)
- Reads, Displays, and Generates CD-Text and ID3 Tag Information
- IR, RS-232c (9-pin D-sub), and GPIO (25-pin D-sub) controllable

Applications

- Broadcast
- Corporate Installation
- BGM (Background Music)
- Front-of-house
- Theatre / Performance
- Health / Fitness Centers
- House of Worship



Reads CD-DA, CD-R/RW data discs

Beyond its professional playback capabilities of commercial CDs, the new Denon Professional DN-C620 possesses the ability to read and playback audio from CD-R and CD-RW data discs, a practice common in today's applications.



WAV and MP3 playback

Not only can the DN-C620 playback MP3 files from CD-R/RW DATA discs, but it is also capable of decoding uncompressed digital PCM (WAV) files from those same discs.



Controllability for Every Application

The new Denon Professional DN-C620 comes with a host of control options, suitable for every application and every installation.

25-pin Contact Closure (GPIO)

Denon CD players have been used for years in the broadcast market and the DN-C620 is no exception. A 25-pin GPIO port allows for easy integration and full-featured usability in every broadcast studio or station installation.

9-pin RS-232C Control

The DN-C620 easily integrates into any new or existing installation using third-party serial control systems like Crestron® or AMX®. Additionally, the DN-C620 has the ability to output POS and ISRC data strings as well as ID3 tag and CD-TEXT information via the serial port. Stations that broadcast HD-radio or RDS can use this metadata to transmit "Now Playing" information.

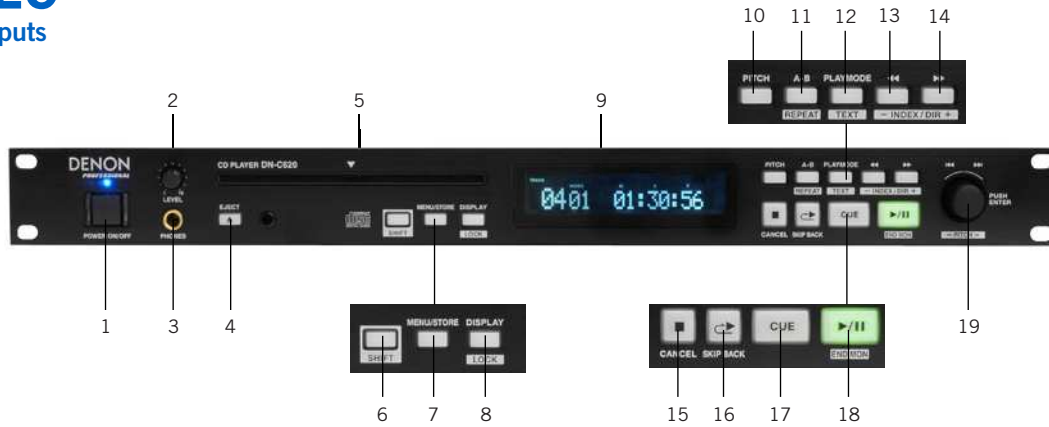
IR Control with included IR Remote Control

Like most CD players, the DN-C620 is controllable by its included IR commander. Perfect for Health and Fitness centers or small installations not utilizing serial control solutions, the IR controllability of the DN-C620 allows command of every feature from playback to the +/-12% pitch to be activated/adjusted.



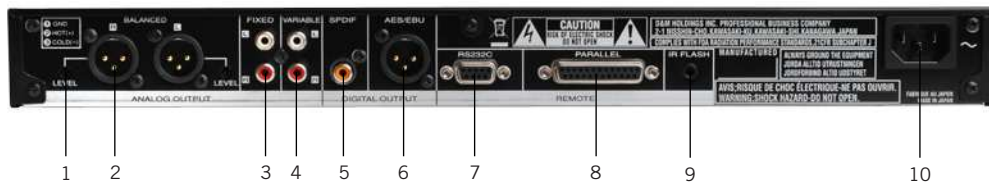
DN-C620

Controls and Outputs



Front side key:

- | | | | |
|---------------------------|----------------------------|---------------------------------------|------------------------------------|
| 1 Power Switch | 6 SHIFT Button | 11 A-B Repeat / REPEAT MODE Button | 16 Skip Back Button |
| 2 Headphone Level Control | 7 Menu / Store Button | 12 Play Mode / CD-TEXT Button | 17 Cue Button |
| 3 Headphone Jack | 8 Display / KEYLOCK Button | 13 FR Search / INDEX - / DIR - Button | 18 Play-Pause / END MONITOR Button |
| 4 Eject Button | 9 Display Unit | 14 FF Search / INDEX + / DIR + Button | 19 Track +/- / PITCH +/- Jog Wheel |
| 5 CD Slot | 10 Pitch Control Button | 15 Stop / Cancel Button | |



Rear side key:

- | | | | |
|---------------------------------|------------------------------------|--------------------------------|-------------|
| 1 Balanced Output Trim Control | 4 Variable Level Unbalanced Output | 7 9-pin RS-232c Input / Output | 10 AC Inlet |
| 2 Balanced Output | 5 S/PDIF Connector | 8 25-pin GPIO Input / Output | |
| 3 Fixed Level Unbalanced Output | 6 AES/EBU Connector | 9 IR Flasher | |

Specifications

General

Disc type: Standard compact discs (12 cm and 8 cm)
CD-R, CD-RW

Audio Section

Audio channel: 2 channel stereo
 Frequency response: 10 to 20,000Hz ± 1.0 dB
 Dynamic range: 98 dB
 Signal-to-noise Ratio: 100 dB (1kHz, 0 dB playback, A filter)
 Channel separation: 96 dB (1kHz, 0 dB playback, A filter)
 Total Harmonic Distortion: 0.004 % (1kHz, 0 dB playback, A filter)
 Analog output:
 Unbalanced output (RCA): 2.0 Vrms at 0 dB disc, 10 kohms
 Variable range(VARIABLE): 4.0 Vrms at 0dB disc, volume max.
 Balanced output (XLR): +18 dBu at 0 dB disc, 600 ohms
 Variable range: +24 dBu to +0 dBu at 0 dB disc
 Digital output:
 Unbalanced output (RCA): 0.5 Vp-p, 75 ohms
 Balanced output (XLR): 3.5 Vp-p, 110 ohms
 Signal Format: SPDIF or IEC-958 Type II
 Headphone Output: 20 mW, 33 ohms
 Variable Pitch Control: ±12 % max.
 Frame Search Accuracy: 1/75 second

Signal System

Sampling Frequency: 44.1 kHz at Normal Pitch
 Quantization: 16-bit Linear

Remote Control

Serial remote: RS232C, D-Sub 9-pin
 Parallel remote: D-Sub 25-pin
 IR control input: IR sensor
 IR FLASH: RC In Control Jack (1/8" stereo mini Jack)

Power Supply

U.S.A. & Canada models: 120 V AC ±10 %, 60 Hz
 Power Consumption: 14 W (U.S.A. & Canada models)

Cabinet, etc.

Installation: 19-inch 1U rack space
 Maximum Dimensions: 482.6 (W) × 44 (H) × 325 (D)mm
 19" (W) × 1.7" (H) × 12.8" (D)
 Weight: 4.3 kg, 9.5 lbs

Environmental Conditions

Operating temperature: +5°C to +35°C
 Operating humidity: 25% to 85%, non condensing
 Storage temperature: -20°C to +60°C
 Storage humidity: 25% to 85%, non condensing

In the Box:

- | | | | |
|--------------------------|-----|-----------------|-----|
| - Remote Control Unit | x 1 | - CD-ROM | x 1 |
| - AAA batteries | x 2 | - Warranty Card | x 1 |
| - Audio Cord (Stereo) | x 1 | | |
| - AC Power Cord | x 1 | | |
| - Operating Instructions | x 1 | | |

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PLEASE NOTE: Specifications are based on measurement conditions and proper care for the machine, and are subject to change without notice.