

# LEVEL

# 1RU Slot-in Broadcast CD Player

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.

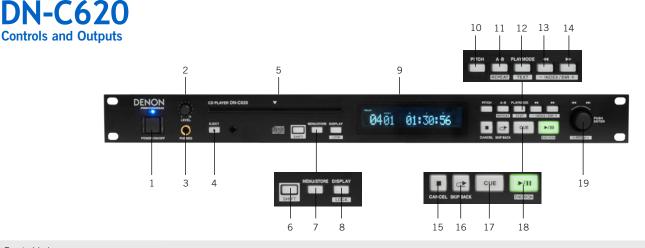
## 9-pin RS-232C Control

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.





## Front side key:

- Power Switch 2 Headphone Level Control
- 3 4 Headphone Jack Eject Button
- 5 CD Slot

SHIFT Button 6

8

- Menu / Store Button
- Display / KEYLOCK Button Display Unit
- 9 Pitch Control Button 10
- 11 A-B Repeat / REPEAT MODE Button 12 Play Mode / CD-TEXT Button
- 13 FR Search / INDEX / DIR Button 14 FF Search / INDEX + / DIR + Button
- 15 Stop / Cancel Button
- 16 Skip Back Button

10 AC Inlet

RS232C, D-Sub 9-pin

120 V AC ±10 %, 60 Hz

19-inch 1U rack space

4.3 kg, 9.5 lbs

+5°C to +35°C

-20°C to +60°C

14 W (U.S.A. & Canada models)

482.6 (W) × 44 (H) × 325 (D)mm

19" (W)  $\times$  1.7" (H)  $\times$  12.8" (D)

25% to 85%, non condensing

25% to 85%, non condensing

RC In Control Jack (1/8"stereo mini Jack)

D-Sub 25-pin

IR sensor

- 17 Cue Button
- 17 Cue Button 18 Play-Pause / END MONITOR Button 19 Track +/- / PITCH +/- Jog Wheel
- VIS;RISQUE DE O 2 3 4 5 6 7 8 1 9 10

#### Rear side key:

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

# **Specifications**

#### General Disc type:

# **Audio Section**

Audio channel: Frequency response: Dynamic range: Signal-to-noise Ratio: Channel separation: Total Harmonic Distortion: Analog output: Unbalanced output (RCA): Variable range(VARIABLE): Balanced output (XLR): Variable range: Digital output: Unbalanced output (RCA):

Balanced output (XLR): Signal Format: Headphone Output: Variable Pitch Control: Frame Search Accuracy:

## Signal System

Sampling Frequency: Quantization:

D&M Professional

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

2 channel stereo 10 to 20,000Hz  $\pm$  1.0 dB 98 dB 100 dB (1kHz, 0 dB playback, A filter) 96 dB (1kHz, 0 dB playback, A filter) 0.004 % (1kHz, 0 dB playback, A filter)

2.0 Vrms at 0 dB disc, 10 kohms 4.0 Vrms at OdB disc, volume max. +18 dBu at 0 dB disc, 600 ohms +24 dBu to +0 dBu at 0 dB disc

0.5 Vp-p, 75 ohms 3.5 Vp-p, 110 ohms SPDIF or IEC-958 Type II 20 mW, 33 ohms ±12 % max. 1/75 second

44.1 kHz at Normal Pitch 16-bit Linear

#### **Remote Control** Serial remote:

Parallel remote: IR control input: IR FLASH:

# **Power Supply**

U.S.A. & Canada models: Power Consumption:

## Cabinet, etc.

Installation: Maximum Dimensions:

Weight:

# **Environmental Conditions**

Operating temperature: Operating humidity: Storage temperature: Storage humidity:

## In the Box:

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

x 1 x 1

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

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