



# DN-700C Network CD / Media Player



Housed in a 1RU rack-mountable chassis, the DN-700C Network Media / CD Player's core features are focused on true audio source versatility and immediate access to pro performance and high-quality audio at the touch of a button. Complete with a front USB port for mass storage devices and iPod® playback offers connectivity to the latest sources of music files including .wav, .mp3, .aiff, AAC (.m4a extension), as well as a slot-loading CD mechanism for playback of mp3 CDs and CD-DA (.cda).

The DN-700C can be controlled using a variety of remote control interfaces for varying install and broadcast situations. From IR remote control, parallel (GPIO), RS-232c serial control and even control via a network with the built-in Web-GUI. This improved web-based interface allows a user full control of the DN-700C, from setup menus to transport control and even hot start playback— even from mobile browsers. This provides complete access to a player located in remote areas or when the installation is not always easily accessible

The front panel is designed for convenient use in professional Installation and Broadcast environments where ease of access to the audio source and transport controls is imperative, and further includes; five front panel hot start buttons that provide direct access to specific audio files, cue to audio, program playback and a bright OLED display with 'end monitor' and 'finish mode' features to signal the end of the audio track.



DN-700C Product Manager Software (included)

Denon Professional's Product Manager Software is included with the DN-700C for single point control of multiple players from a PC/Mac over the network. Complete with full access to the Web Remote as well as unique power on/off capabilities that allow power on and power off sequences to be programmed remotely for single units or multiple units in groups.



## Features

- Streams audio over the network (DLNA)
- Supports Playback of CD-DA , WAV, AIFF, MP3 & AAC files
- USB device (mass storage class) and iPod playback
- Large, bright OLED display
- Balanced XLR audio output
- AES/EBU digital format output
- Supports external control operation via IP Control (Ethernet), RS-232c, GPIO, and IR
- Extended control via Ethernet using its improved web-GUI 'Web Remote' and/or included DENON Professional Product Manager software (PC/Mac)
- 20 Hot Starts
- Compatible with the RC-F400S wired Remote Control (available separately)
- Supports the new Denon Professional Pitch Control App (Available from the App Store<sup>SM</sup>)
- Pitch control playback allows adjustment of the playback speed between -16% to +16% in 0.1% steps
- End Monitor and User-selectable Finish Mode features
- 1RU/1HE Rackmount Size
- Detachable, IEC-weighted AC inlet



# Denon Professional Pitch Control App

A mass of extra functionality can be accessed through the brand new Denon Professional Pitch Control App (available on the App Store<sup>SM</sup>). Simply playback and control the iPhone/iPod Touch music files via the app's intuitive layout: including instant access of music playback (via artist, title, album and playlist filters) to using the touchscreen pitch or master key slider to increase or decrease the pitch/tempo as desired, ideal for fitness, music practice, and much more.



## DN-700C Specifications

<b>Digital Audio System</b>	
System:	Network CD / Media Player
Compatible media:	CD Media, USB flash memory, USB HDD, iPod
Playable formats, file systems:	CD: CD-DA (CD Text), CD-ROM (ISO9660) USB: FAT16 / FAT32 / HFS+
Playable WAV Format	
Extension:	WAV, AIFF, AIF
Resolution:	16 / 24-bit
Sampling Frequency:	96, 48, 44.1kHz
Playable MP3 Format	
Extension:	MP3
Bit rate:	32-320kbps, VBR
Sampling Frequency:	48, 44.1kHz
Playable AAC Format	
Extension:	M4A
Compression method:	AAC-LC
Bit rate:	64-320kbps, VBR
Sampling frequency:	48, 44.1kHz
Number of channels:	2 (stereo), 1 (mono)
Audio frequency characteristics:	20 Hz - 20 kHz (±0.5dB)
S/N ratio:	More than 105dB (A-Weighted)
Total harmonic distortion	Less than 0.005%
Dynamic range:	More than 105dB (for 24-bit WAV playback)
Channel separation:	Less than -106dB
Variable pitch width:	-16% - +16%
Variable trim adjustment width:	±2.0dB

<b>General</b>	
Power supply:	AC 120V, 60Hz (USA and Canada models) AC 230V, 50/60Hz (European, U.K. and Asia Pacific models) AC 100V, 50/60Hz (Japan model)
Power consumption:	30W, 0.4W (standby)
<b>Environmental conditions</b>	
Operational temperature:	5 to 35°C (41 to 95°F)
Operational humidity:	25 to 85% (no condensation)
Storage temperature:	-20 to 60°C (-4 to 140°F)

<b>Output</b>	0dBu=0.775Vrms, 0dBV=1.0Vrms
Balanced Analog Out L/R	
Type:	XLR(1:GND, 2:HOT, 3:Cold)
Load impedance:	Over 600Ω/ohms
Output level:	8.23 dBu (Max. 24 dBu) at 600 Ω/ohms load
Unbalanced Analog Out L/R	
Type:	RCA terminal
Load impedance:	Over 10kΩ /kohms
Output level:	2 Vrms (Max 10dBV) at 10kΩ/kohms load
Balanced Digital Out	
Type:	XLR(1:GND, 2:HOT, 3:Cold)
Output impedance:	110Ω/ohms
Standard output level:	3.5 Vp-p
Format:	IEC-60958 (AES/EBU)
Unbalanced Digital Output	
Type:	RCA terminal
Output impedance:	75Ω/ohms
Standard output level:	0.5 Vp-p
Format:	IEC-60958 (Coaxial)
Headphone output:	20 mW / 32Ω/ohms
Others	
Maximum storage capacity:	Up to 2 TB
Maximum file size:	4 GB
Maximum number of files:	2000 files (for 1 folder)
Maximum number of folders:	1000 folders
Maximum number of folder hierarchies:	8 (under the root directory)
Maximum number of marks:	30 per file
Maximum file name length:	255 characters
Maximum folder name length:	255 characters
Maximum preset name length:	8 characters
Maximum machine ID name length:	8 characters

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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