



# DN-700CB Network CD/Media Bluetooth Player

## Key Features:

- Media player with Network and RS-232C control
- Intuitive Web Browser and Infrared user interface
- File playback from CD, USB, Network Audio, Bluetooth and AUX
- Tempo control for CD and USB
- 10-track hot start buttons for CD, USB and NET playback
- Two Bluetooth antennas included

## Overview:

The DN-700CB is a highly-versatile media player with the added functionality of RS-232C and full network control. The DN-700CB plays files from CD, USB, Bluetooth-enabled devices and files on a local network - along with a 3.5mm AUX input for connecting external playback devices. Perfect for retail, house-of-worship, education and hotel/conference applications, its intuitive web-based interface gives the user full control of the DN-700CB from setup menus and transport control to hot-start playback.

## Specifications:

- System: Media player
- Compatible Media
  - CD
  - 3.5mm auxiliary device
  - Type A USB device (mass storage class)
  - Network-connected device (via Ethernet port)
  - Bluetooth audio
- Supported Device Formats, File Systems
  - CD: CD-DA, CD-ROM (ISO9660), CD-R
  - USB: FAT16, FAT32
- Supported File Formats (for CDs, USB devices and network-connected devices)
  - CD-DA: Sample rate: 44.1/48kHz
    - Bit rate: 16/24 bit
    - File extension: .cda
  - WAV: Sample rate: 44.1/48kHz
    - Bit rate: 16/24 bit
    - Format: stereo/mono
    - File extension: .wav
  - MP3: Sample rate: 44.1kHz
    - Bit rate: 32 kbps to 320 kbps, CBR and VBR
    - Format: MPEG1 Audio Layer 3
    - File extension: .mp3
- Number of Channels: 2 (stereo)
- Audio Frequency Range: 10 Hz - 20 kHz ( $\pm 1.0\text{db}$ )
- Signal-to-Noise Ratio:  $> 90\text{dB}$  (A-weighted)
- Total Harmonic Distortion:  $< 0.01\%$
- Dynamic Range:  $> 85\text{dB}$
- Channel Separation:  $> 80\text{dB}$
- Bluetooth
  - Bluetooth Version: 4.0
  - Output Class: Class 2
  - Supported Bluetooth Profiles: A2DP, AVRCP (1.3/1.4)
  - Supported Bluetooth Codecs: SBC, MP3

- Bluetooth Range: 82 ft. / 25 m
- Outputs
  - Analog Out L/R (unbalanced)
    - Type: RCA terminal
    - Load impedance: > 10 kΩ
    - Output level: 2 Vrms @ 10 kΩ load
  - Analog Out L/R (balanced)
    - Type: XLR
    - Load impedance: > 10 kΩ
    - Output level: +4 dBu
- Inputs
  - Aux in
    - Type: 1/8" (3.5mm) TRS terminal
    - Input Impedance: > 10 kΩ
    - Maximum input level: 1 Vrms
- Remote Control
  - Included Remote
    - Infrared protocol: NEC format
    - Transmit output level: > 200mVp-p
  - Serial Remote (D-sub 9-pin Female; RS-232C), Not Included
    - Mode: Full Duplex
    - Baud Rate: 9600/38400/115200 b/s
    - Data: 8 bits (Start Bit: 1 bit; Stop Bit: 1 bit)
    - Parity: None; Flow Control: None
  - IP Control
    - Web API: HTTP
- Other / General
  - File Folder Limits
    - Storage capacity: up to 2TB
    - File size: up to 2GB
    - File name length: up to 255 characters
    - Number of files: up to 999 (for 1 folder)
    - Number of folders: up to 999 folders (including the root directory)
    - Number of folder levels: up to 8 (including the root directory)
    - Folder name length: up to 255 characters
  - Power: 100-230 VAC, 50/60 Hz; Power consumption: < 30W
  - Environmental Conditions
    - Operating temperature: 41 - 95°F (5 -35°C)
    - Operating humidity: 25 - 85%, no condensation
  - Dimensions (width x depth x height)
    - 18.98" x 1.69" x 7.87" (482 x 43 x 200mm) with rack ears
    - 16.93" x 1.69" x 7.87" (430 x 43 x 200mm) without rack ears
  - Weight: 5.5 lb (2.5 kg)