



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:
 - > 90dB (A-weighted)
- Total Harmonic Distortion:
 - < 0.01%
- Dynamic Range:
 - > 85dB
- Channel Separation:
 - > 80dB
- 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 k Ω
 - Output level:
 - 2 Vrms @ 10 k Ω load
 - Analog Out L/R (balanced)
 - Type:
 - XLR
 - Load impedance:
 - > 10 k Ω
 - Output level:
 - +4 dBu
- Inputs
 - Aux in
 - Type:
 - 1/8" (3.5mm) TRS terminal
 - Input Impedance:
 - > 10 k Ω
 - 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)