DENON PROFESSIONAL

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 (± 1.0db)
  - 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 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)