DENON
PROFESSIONAL

www.denonpro.com   PHONE: [401] 658.3131   January 31, 2023

DN-500CB

CD/Media Player with Bluetooth®/USB/Aux Inputs and RS-232c

Key Features:

- Bluetooth 5.0 pairing to (8) devices
- Slot-loading CD transport
- USB host port for file playback
- 10-button direct track access
- 3.5mm AUX input for playback from portable players
- RS-232c control capable
- Compact IR remote control included
- Balanced (XLR) and unbalanced (RCA) outputs

Overview:

Specifications:

- Audio Specifications
  - Audio channels:
    - 2 channels / stereo
  - Frequency response:
    - 10 - 20,000 Hz, +/- 1.0dB
  - > 85dB (10- 20,000 Hz A-weighted)
    - Dynamic range:
  - Signal to Noise ratio:
    - > 90dB (1kHz, 0db, A-weighted)
  - Channel separation:
    - > 80dB (1kHz, 0dB, A-weighted)
  - Total Harmonic Distortion (THD):
    - < 0.01% (1kHz, 0dB, A-weighted)
- Bluetooth Specifications
  - Output class:
    - Class C
  - Bluetooth version:
    - 5.0
  - Support profile:
    - A2DP, AVRCP (1.3/1.4)
  - Support codecs:
    - SBC, MP3, AAC, aptX
- Outputs
  - XLR (balanced)
    - 2.0Vrms
  - RCA (unbalanced)
    - +4dBu
- Remote Control
  - IR Remote

Denon Professional DN-500CB CD Player

The DN-500CB is a highly-versatile yet affordable media player that excels in applications where users bring their own devices for education, instruction or entertainment. The DN-500CB plays not only CD media but provides Bluetooth connectivity, USB playback and a 3.5mm AUX input for connecting virtually any other playback device.

Like all 500 series Denon Professional media players, the DN-500CB offers an RS-232c port on the rear for control via serial command and the serial command protocol guide is available for download.

Perfect for retail, education, and hotel/conference applications, this player offers features normally found on higher-priced players, such as Bluetooth Pairing, Front Panel Lock, Power On Play, direct access to tracks, memory of settings after loss of power, and balanced XLR output.

- Infrared protocol / NEC format
- Transmit output level:
  - >200mVp-p
  - Serial Remote
    - D-sub 9-pin female RS-232C
    - Mode:
      - Full duplex
    - Baud rate:
      - 9600/38400 b/s (selectable in the menu)
    - Data:
      - 8bits
    - Start bit:
      - 1bit
    - Stop bit:
      - 1bit
    - Parity:
      - none
    - Flow control:
      - none
- Audio File / SIGNAL
  - Sample rate:
    - CD-DA, Audio file 44.1kHz
  - Word length:
    - CD-DA, Audio file 16-bit
  - File format:
    - Audio file WAV/MP3/AAC
  - Bit rate:
    - MP3, AAC, CBR/VBR ST/Mono 32~320kps
  - ID3 tag:
    - MP3 V1.x~2.4
- CD Drive
  - Media
    - File system:
      - CD-DA (CD-TEXT), CD-ROM (ISO9660)
    - Disc:
      - CD, CD-R
- USB Storage Device
  - File system:
    - FAT 16/32
  - Media type:
    - Flash/ HDD
- Environmental
  - Operating temperature:
    - 40° - 95° F (5° - 35° C)
  - Operating humidity:
    - 25 ~ 85% non-condensing
- General
  - Power
    - Power requirements:
      - 100-230 VAC
    - Power consumption:
      - <30W
  - LCD Display:
    - LCD 2 lines, 16 characters x 2 lines LCM display
  - Dimensions:
    - 19" x 13.7" x 1.73" (483 x 347 x 44mm)
  - Weight:
    - 6.4 lbs (2.92kg)