DN-500CB

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

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.

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

Audio Specifications	Audio channels	2 channels / stereo	
	Frequency response	10 - 20,000Hz	
	Dynamic range	>85dB (10- 20,000Hz A-weighted)	
	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)	
	Supports codecs	SBC, MP3, AAC, aptX	
Outputs	XLR (balanced)	2.0Vrms	
	RCA (unbalanced)	+4dBu	
Remote Control	IR Remote	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	5° - 35° C (40° - 95° F)	
	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" (483mm x 347mm x 44mm)	
	Weight	6.4 lbs (2.92kg)	