

USE IT. LIVE IT.

DN-HC4500

USB MIDI/Audio Interface & controller



Ever since the needle hit vinyl, DJ's have been setting the standard for what's hot. Denon comes from that same philosophy and passion—leading the way and creating the path for DJ evolution. That path has led to the DN-HC4500, Denon's first USB MIDI/Audio interface designed exclusively for computer performance club and mobile DJs worldwide. This feature packed professional PC/MAC compatible controller combines unmatched hardware performance with internal high quality audio processing offering low latency ASIO/OSX Core Audio support. The DN-HC4500 does more than talk Midi...it offers the exclusive flexibility to control DENON's optional BU4500 dual CD/MP3 player for simultaneous 4-player configuration, wow! The controller is bundled & complimented with an LE version of PCDJ's revolutionary new software, "Reflex", that offers an array of amazing forward thinking features.

Features

- Includes LE Version of Reflex™ by PCDJ®
- DN-HC4500 & Reflex both support PC/MAC platforms
- Fully compatible and pre-mapped for DN-HC4500, just Plug & Play
- USB MIDI Controller (controls various audio/video DJ applications, PC/MAC)
- USB MIDI Plug&Play support for Serato SCRATCH LIVE™ (v1.8.1. or greater), TRAKTOR 3™ & PCDJ Reflex, PCDJ DEX, Virtual DJ and OtsAV.
- Internal 24-Bit Processing & USB Audio
- BU4500 Drive Support
- Multi Functional Touch Sensitive Jog Disc
- Vibrant Tube Display w/ 2-line Character Text Support
- Highly Responsive Soft Rubber Buttons, Switches & Knobs
- 5 easily accessible function keys at top of each deck
- 45mm Pitch Sliders capable of deep resolution or wide pitch ranges
- Vibrant CUE/PLAY button illumination
- 2 level illumination of certain buttons
- Multi colour illumination of certain buttons for layering functions
- Multi colour LED' for layering functions
- Pitch Bend buttons
- Parameter Knob, Range, Sync, Playlist, Back, Fast Search and other keys are available to configure accordingly
- Traditional & Intuitive Dual CD Player Style Layout
- High Speed USB 2.0 Interface
- Fader Start
- X-Control
- Recessed Side Panel for Easy Connections
- Versatile Rackmount and Tabletop design
- User Adjustable Presets
- Software Upgradeable by USB

 **TRAKTOR LE**



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MIDI ASIO



DENON DJ

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Specifications

General

Power requirement:	U.S.A, CANADA model:	AC 120 V 60 Hz
	European model:	AC 235 V 50 Hz
	Japan model:	AC 100 V 50 Hz/60 Hz
Power consumption:	U.S.A, CANADA model:	12 W
	European model:	12 W
	Japan model:	10 W

Ambient operation temperature:	0 °C to 40 °C
Dimensions:	482 (W) x 132 (H) x 88 (max106) (D) mm
rack space:	EIA 3U
Weight:	3.7 kg
Finish:	Front panel: Black (Painted steel)
Rear & Enclosure:	Black (Painted steel)

Audio Section

Analogue output:	1, 2 RCA pin: unbalanced 2Vrms = 0dBFS
DA converter:	Type 24bit 32times oversampling Fs: 44.1 kHz/48 kHz/96 kHz D-range 106 dB (TYP)
S/N	106 dB (TYP) (DIN)
Frequency response:	20 to 22 kHz, ± 0.5 dB
T.H.D:	Less than 0.05 % (input = output = 2Vrms/1 KHz, RL: 10 k Ω)
Residual noise:	Less than -94 dBV (TYP)
Crosstalk:	Less than -110 dB (TYP @1 kHz)

USB I/F

USB B connector:	USB2.0 (Max480 Mbps) PC/MAC (Host) \leftrightarrow DN-HC4500 (Slave) application USB Audio (Speaker) PCM 16bit/24bit 44.1 kHz/48 kHz/96 kHz 4ch USB MIDI I/O IN: 1 port, OUT: 1 port USB HID I/O (General) 32Byte packet
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Control I/F

Fader start:	FADER 1 3.5 mm stereo mini jack (Tip/Ring:signal, Sleeve: GND), 0,5VDC FADER 2 3.5 mm stereo mini jack (Tip/Ring:signal, Sleeve: GND), 0,5VDC
X-CONTROL:	Input 3.5 mm stereo mini jack (Tip/Ring:signal, Sleeve: GND), 0,5VDC
CD Drive control:	Mini-DIN 8pin connector (DN-D4500/D4000/BU4500 Drive unit control)

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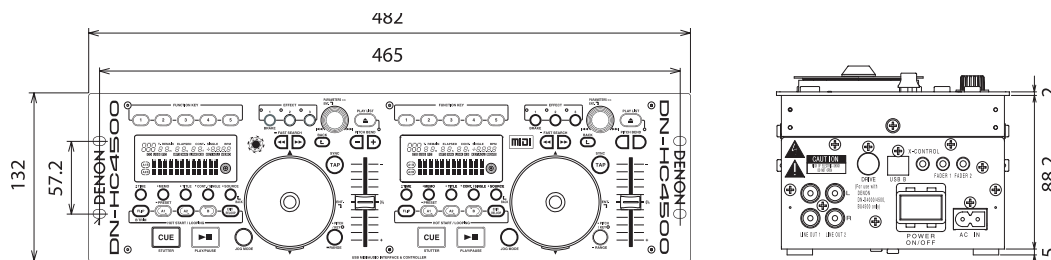
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Specifications

Others

Display:	40 mm x 100 mm VFD Character w/12digitx2line dot matrix & Scratch marker	
Jog wheel:	71 mm, touch moving detection (Touch ON/OFF, Dir FWD/RVS, Pulse count) 1480/740/555/370 Pulse/cycle	MIDI: Note ON/OFF MIDI: Control Change
Rubber SW:	Function SW 5 w/LED for HOT start and LOAD SW and others Other SW 10 w/LED for CUE/PLAY/HOT start/EFX/LOAD and others Other SW 14 w/o LED for Fast search / Pitch bend and others	MIDI: Note ON/OFF MIDI: Note ON/OFF MIDI: Note ON/OFF
Pitch Fader:	60 mm w/center tap 1024 steps	MIDI: Note ON/OFF
MIDI:	Pitch bend (MIDI data -100 %: 0x7F7F / ±0 %: 0x4000 / +100 %: 0x0000)	
Parameter knob:	SW for Enter and others FWD/RVS 24 Pulse/cycle	MIDI: Note ON/OFF MIDI: Control Change

* Specifications and design are subject to change without notice for purpose of improvement.



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