


# Direct Drive Turntable Media Player & Controller

# DN-HS5500

### *Features*

***• 2 Decks in 1***
One of the most riveting features of the DN-HS5500 is its independent Dual Deck-like operation with separate audio outputs. Deck 1 & Deck 2 can be operated simultaneously by a simple flip of a button, offering twice the power & creativity in a single deck. Each Deck layer has full access to all the available features as well as your connected devices & music library. Additionally, when used as a MIDI controller each Deck layer can fully control 2 players from your favorite audio/video DJ software.

***• High Torque Direct Drive Motor & Spinning Platter Design***
Denon's proprietary 12-pole Direct Drive brushless motor design is keeping the art of the 110-year old turntable alive & true to its native feel, delivering instant full rotation speed with a powerful 2.5 kg/cm of start-up torque within 0.5 seconds for true turntable reaction and response. DJs can perform freely as if they were using a genuine analog turntable. Platter rotation can be changed from 33 to 45 R.P.M. for comfort.

***• Modular HDD/CD Internal Option (world's first)***
By this powerful and unique design, the DJ is now in full control over their internal hardware preference by choosing our optional (BU5501) Slim-type CD-ROM drive or our optional (BU5502) HDD caddy that accommodates a 2.5" laptop size *Hard Drive as the secured "internal" source playback. Imagine the incredible media advantages of having two players and both options readily available at your fingertips.
**PATA-type only *Only one option can be installed at a time, not both*

***• External USB Device Support***
Got a portable music collection stored on external USB media?
No problem…the DN-HS5500 can support multiple external USB mass storage class devices direct or via a USB 2.0 hub (sold separately). Connect your, iPod®, Jump Drive, and large USB Hard Drives for easy access to your small or extensive mp3/wav libraries. Simply plug these devices into the DN-HS5500 to obtain the powerful on-board features such as, Instant Start, Seamless Looping, Scratching and File Searching, just to name a few. Supported File Formats: MP3 & WAV *Up to 4 storage devices can be connected at once. *Mass Storage Class iPods only

***• MIDI Interface Controller (PC/MAC)***
The DN-S5500 is more than just player, it's also designed to interface & control a variety of popular Audio/Video DJ programs that supports USB MIDI interface, either by user custom mapping or direct native support by the software vendor. Control your favorite DJ software or your hard disk full of music all from one clever player.
*Supported Platforms: Mac OSX 10.4 or Higher, Windows XP SP2

***• USB Audio Internal 24-Bit Processing &***
Most DJ MIDI controllers on the market today don't include an internal sound card. The DN-HS5500 encompasses its own USB Audio interface (sound card) which eliminates the hassle to source one and spend additional money. The internal power supply delivers optimum electrical specifications, resulting in best possible audio quality & performance, featuring industry leading Burr Brown (a product of TI) 24 bit DAC processing for superior output audio fidelity. USB Audio

### *Cont…*

***• D-Sync.***
Two DN-HS5500 players can be linked together by a single RJ45 cross-cable for MASTER / REMOTE operation. This EASY operation enables the DJ to make all their peripheral connections to a single player while having full control of your music devices from either side. The REMOTE player has independent access to all connected devices including use of the keyboard function.

***• 5 Superb Built-in DSP Effects***
Building the mood of your dance floor and remixing live has never been so easy with our on-board effects. Easily activate and have full parameter adjustments with a unique Dry/Wet mix control of the effects: Flanger, Filter-(High-Mid-Low), Echo, Tail Echo and amazing Echo Loop.

***• 3 Platter Effects***
- Brake (adjustable in real-time)
- Dump (reverse sound without losing true forward time, like a radio edit)
- Reverse (plays your music backwards and platter spins backwards too)

***• Mirror Mix***
The exclusive Mirror Mix feature is like having two copies of the same track while juggling the mixer's crossfader back and forth with the other track being slightly delayed. Delays setting are adjustable from, ⅛, ¼ , ½ , 1/1, 2/1

***• Large 3.8" Display***
This easy to follow bright display provides a visual text feedback of modes and parameters making it very intuitive for first time users to navigate without having to read the manual. The display options include split screen for simultaneous dual deck monitoring or larger single deck wide display mode, LCD contrast, 3 LCD illumination levels and inverse display image.

***• Pitch Range & Deep Pitch Resolution***
For those DJ's who perform long mix transitions and require high pitch resolution, the HS5500 offers .02% for the 4% pitch range and .05% for the 10/16% pitch range. 24%/50%/100% ranges are also available. *Features 100mm long stroke pitch slider for smooth mixing

***• Keyboard & Intuitive File Navigation System***
The DN-HS5500 will support the 3-types of global USB keyboards (Qwerty, Qwertz, Azerty) in 9 different native languages for simplified song search of; Artist, Album, Title, Genre, Year, BPM, File Name, Hot List & Folder Structure. In addition, shortcut keys are assigned to perform various functions and Latin-1 character support is available.

***• Playlist Creation & Hot List***
The powerful on-board Playlist function allows you to create, edit and save up to 3 different types of Playlist categories, Top 40, Favorite, & Your Own Custom list. Hot List stores your immediate requests or songs you intend to play throughout the course of your gig. Once the Hot List file is played a check-mark appears next to it.

## *Cont…*

***Key Adjust*** :
The Key Adjust feature keeps vocals and music sounding true even when you adjust the speed of the track.

***• Hot Starts & Seamless Looping:***
Two Hot Starts (A1 and A2) can be made on the fly and easily turned into Seamless Loops. The Hot Starts can also be used as Stutter points as well.

***• Loop A/B Trim***
The A or B point for the seamless loops can be easily adjusted on-the-fly to perfection

***• Memo function***
Cue point, BPM, Pitch Setting & Range, Pitch ON/OFF, Key Adj ON/OFF, and Seamless Loop A and B data can be stored directly to the file for later recall.

***• Next File Function w/Cross Fade***
You can search for your next file by 9 different criteria's (without interrupting playback) and crossfade seamlessly to that file for a smooth non-stop segue upon your command. * Cross fade time is user adjustable

***• File Transport Utility***
You can now easily transport files to & from any connected device mounted to the player. This powerful function makes it easy to transport registered files, say from your USB thumb drive to another Hard Drive when connected. This updates your libraries all at the same too.

***• Multi-Function Platter Modes***
Deck 1 / 2 Selectable for:
- Scratching Effect
- Pitch Bend
- Frame Search

***• 4-Way BPM Counter***
- Auto Beat Detection
- Manual TAP
- Manual BPM Input
- Reads MP3/WAV BPM Metadata (if available)

***• Directional Scratch Lever***
This original Denon feature allows the DJs to scratch in two ways The traditional forward/back scrub sound and the ingenious Forward stroke to perform the same cuts as if you were using a mixer's crossfader.

***• Relay Play***
Unattended playback is possible between both decks or two players.
Great for the cocktail hour or during dinner time at banquet halls.

***• 3-way Pitch Bend*** (Scratch Disc, Bend buttons or platter finger pressure)

***• Quick Jump / Beat Jump:***
We made searching fast & easy. You can move around quickly within a track/file by precise user adjustable increment time steps using Quick Jump. Beat Jump will actually move through your file by BPM reference, 8-beats at a time

***• Two Way CUE Search System***
Supports traditional Denon Cueing method and another popular style as well.

***• Instant Start*** (0.02 sec.)

***• Fader Start*** (compatible with all Denon Mixers)

***• Digital Outputs***

***• USB Diagnostics Utility***
This handy function verifies the USB transfer speed from each of your connected storage devices vs recommended value to ensure optimum performance and compatibility is met

***• Software Upgradeable*** by USB
From time to time we will make subtle improvements to current features or add new compelling ones based on valuable user feedback. These new Plug Ins are always free and made available via our www.denondj.com website.

***• Dimensions: 11.8 (w) x 4.8 (h) x 13.1 (d) inches***

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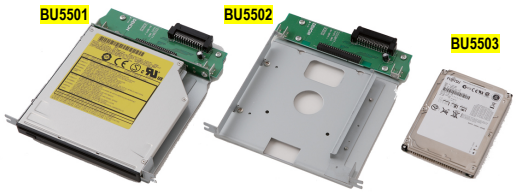
Modular CD-ROM/HDD Option – Worlds First!




Denon DJ Music Manager Computer Software




### *Features*
- PC Compatible *limited features
- Builds database, Edit & Delete files from various drives
- Create, Edit & Import Playlists (.xml / .m3u)
- Edit ID3 Tag information (.mp3 / .wav)
- Auto calculates the BPM and saves directly to the file (.mp3 / .wav)
- Built-In Audio Player to preview Database files from any location
- Prints Playlists for clients

**Specifications subject to change without notice*