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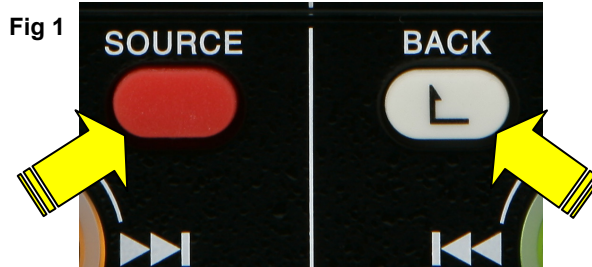
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Uploading the DN-HD2500 System Software

1. You should have already downloaded the required files to a folder of your choice at this point.
Example: (C:\DNHD2500 or Desktop)
2. Using your computer, copy the version up file (**HD2500.bin**) to a USB memory device. (Hard Drive, Jump Drive...etc) If you don't have a memory device, you can save the (**HD2500.bin**) file directly to root of the HD2500 internal drive in **PC Mode**. When file copy is complete, safely remove the USB memory/HD2500 device from your computer.
3. Turn the DN-HD2500 Power **OFF** by its own power switch on the right side
4. Insert the Flash Drive Jump Drive...etc to the right side of the player marked **USB-A**.
*If you loaded the .bin file directly to the HD2500 internal drive, go to next steps.
5. On the HD2500, press and hold the two buttons marked, [**SOURCE**] on Deck 1 and [**BACK**] on Deck2, then turn the power **ON** while holding down these two buttons. Once the Denon DJ Logo appears in the display, you can release these two buttons. (see Fig 1)



6. *If you are using a USB memory device, press the [**CUE**] button on **Deck2**
**Please wait about 10-sec before pushing the CUE button, the HD2500 must find your device first*
 *If you loaded the .bin file directly to the HD2500, press [**CUE**] button on **Deck1**
 (The installed version number and the new version number appear in the display.
 Write down the installed version, you will need this for later steps)
7. Confirm new version number, (**1400**) then press the [**PLAY**] button corresponding to the above Deck.
Display will indicate, "Software updating keep power on"
**It takes about 15 seconds to complete the update, please wait.*



Keep the power ON. Never shut the power off during actual execution of version up.
If you shut the power off during this short wait period, the DN-HD2500 will require factory service, be careful!

8. When the player is finished updating, **Version UP complete!** shall be displayed.
9. It is now OK to Turn the power OFF and reset the machine back to normal mode.

Enjoy the new features / improvements described in the following pages!



IMPORTANT INFORMATION AFTER YOU UPGRADE THE SOFTWARE FROM ALL VERSIONS !

*(After you update the firmware, your presets will be cleared back to factory settings
and requires your action for below Step 1 & 2)*

Step 1:

**A new “REGION” preset was added to the preset menu.
This preset should be changed immediately according to your
region.**

There are only 2 options.

- >USA
- >Other

***If you live anywhere outside of the United States, you should select “Other” as your
Region. That means, Canada, Mexico, South America, Europe, Asia Pacific, etc...**

***If you live in the United States, the preset default is already set to “USA” and no action is
required on your part.**

How to change the preset for non-USA customers:

- Load any file into either deck
- On the same deck, push and hold the button marked > Memo/–PRESET (for 2 seconds)
- On the same deck, turn the Parameters knob backwards to preset item #24, it will say, “USA”
- Push down on the Parameters knob and turn it by one click, it will change to “Other”
- On the same deck, push the CUE button to exit and save

*The reason for this important change is due to differences found within WINDOWS XP®
versions around the world, which affects our PC based Music Manager and HD2500 player
with regards to our newly added Latin-1 character support. To display the characters correctly
and assure optimum performance, step 1 must be performed for regions indicated by “Other”.*

Step 2:

All registered devices require a new database to be made.

***Regardless of region, you are all required to make a new database for all your registered
devices. However, if you recently created a new DB by MM 1.2.2 or 1.2.3., no action is
required.**

***Please note that all your Playlists on each device can be saved if you install and
use the most current Music Manager version when you create a full database.
Current Music Manager (MM) v1.2.3. was included with this download.**

Visit www.denondj.com > DNHD2500 page for the most current MM version.

DN-HD2500 PLUG IN'S OPERATING INSTRUCTIONS



New & Current Plug In's as of July 2008 (Sys 1400)

***This is an urgent maintenance version to address a fatal bug listed below**

A new bug that appeared in v1300 can potentially damage your music files "if" you save a MEMO to the files stored on the "Internal" Hard Drive. Any MEMO's made to the internal HDD with version 1300 should be deleted and replaced from your master collection. Version 1400 rectifies this problem and other minor improvements listed below.

*NOTE: *This does not affect any MEMO's made to "External" USB devices, just the Internal HDD.*

- Added: Instant Playback from Cue stutter, A1, A2 STR modes when the PLAY button is pushed simultaneously, this will resume Playback seamlessly
- Added: .WAV Album sorting by Track ID3 tag, so Album list appears in the same track order as your CD's
- Improved: Audio return latency after "Quick Jump" or "Fast Search"
- Improved: FOLDER Search issue from landing in the wrong Folder with the same Folder name when the [BACK] function is used
- Improved: FOLDER Search to display & find the same Folder structure as your PC
- Improved: Pushing [PLAY] immediately after Track Search in CONT/Reverse mode, while going to forward play
- Improved: CONT play that would automatically stop with very short files
- Improved: The ESC/BACK function from landing in the wrong place within your result list in "Normal Search" mode

DN-HD2500 PLUG IN'S OPERATING INSTRUCTIONS



Previous Plug In's also included with current build (from sys 1300)

- Added Windows Vista support in MIDI mode
- Added support for new iPod Classic & Nano (gen 6)
- Added the ability to go back UP the search list when the **[BACK]** is pushed from the Title level
- Added Album sorting by Track ID3 tag, so Album list appears in the same track order as your CD's
- Added Music icon 🎵 during Folder search
- Added USB Format tool for external USB devices, found in **UTIL** mode
 - The HD2500 can now **FORMAT** external USB Hard Drives (of any size) from NTFS to our supported FAT32 file system
 - Connect USB device directly to player> Select UTIL mode > Initialization > Format > USB1> OK and then wait a few minutes
 - *Warning, make sure you backup your data before attempting this action.
- Added new preset item #27 "**Jog Trns Int**" (Jog Pulse Transfer Interval) for use in MIDI mode
 - This preset is designed to support slower/older computers by adjusting our jog data sending rate from 1ms~20ms
 - *Default is set to 3ms, but adjust up or down until good performance is found with your selected DJ application.
- Added Folder searching by Player & Keyboard
 - If DB was made with MM 1.2.2 or 1.2.3 you will be able to instantly browse the Folder option from the top menu after this update. If DB was made with older versions of MM or player version of v1200, you must create a DB again with MM 1.2.2 or 1.2.3.
 - *Keyboard searching is possible within a Folder
 - *Parameter "letter picker" search is NOT possible within a Folder
- Added "Hot List" Function by player and keyboard
 - Pushing the "**Playlist**" & " + " Bend key will ADD the highlighted file to Hot List
 - Pushing the "**Playlist**" & " - " Bend key Omits the highlighted file in Hot List mode at the scrolling point
 - Pushing the Keyboard → arrow key will ADD the highlighted file to Hot List
 - Pushing the Keyboard ← arrow key Omits the highlighted file in Hot List mode at the scrolling point
 - To playback Hot List items, go into Playlist mode (on either deck) and select "Hotlist"
 - Note: MEMO's are not available during Hot List mode
 - If Memo is pushed in Hot List mode, display warning of "Not Support Memo" will appear
 - *Hot List items appear in the same order as they were added
 - *Once a file is played, a check mark appears next to it. Omitted files also receive a check mark
- Added more Keyboard functions
 - **Page Up** key moves up through files 3 at a time
 - **Page Down** key moves down through files 3 at a time
 - Long push to the "**ESC**" key returns you to the top menu
 - Long push to the **BACK** key deletes all characters typed in the search field
- Improved search issue of "No Match" under Normal Search mode by Keyboard
- Improved infrequent high pitch playback issue during Pitch Bend action (now fail safe)
- Improved Playlist Cont. mode of miss-matched Music and Title sometimes
- Improved MIDI Exit method to: Hold the SOURCE button for 4-seconds to exit MIDI mode
- Improved MEMO function Recall conditions if the same Playlist is used on the decks
- Improved Genre Tag wrongly named if only whole number was used, such as> "80"
- Improved issue of Year and BPM sometimes displayed in wrong field
- Improved USB conditions during file access when a new device is connected
- Improved pause condition sometimes after scratching and releasing Jog
- Improved display conditions after exiting UTIL mode
- Improved other minor issues.



Previous Plug In's also included with current build (from sys 1200)

- **Resolved issue in “CD” mode, not allowing Source change sometimes**
-No instructions required, software improvement
- **Resolved false “Create DB” pop-up option when selecting same USB devices**
-No instructions required, software improvement
- **Resolved issue; on the top of File Search, while the other deck is in playback status, keyboard should be invalid but it actually functions**
-No instructions required, software improvement
- **Resolved issue; if you select “Temporary” in Database Edit in Utility Mode, “Update” will appear on the display**
-No instructions required, software improvement
- **Resolved [BACK] landing location in Next File mode from "File/Title"**
-No instructions required, software improvement
- **Resolved [BACK] landing location in PLAYLIST mode**
-No instructions required, software improvement
- **Resolved an infrequent issue of going into CUE mode when pushing [+] BEND key repeatedly**
-No instructions required, software improvement
- **Resolved issue; audio drop out sometimes will occur in Reverse Playback or Reverse Scratch Playback Mode.**
-No instructions required, software improvement
- **Resolved issue; while ID3 text is being displayed, if Quick Jump >>/<< is operated, the displayed text sometimes will partially disappear**
-No instructions required, software improvement
- **Resolved the issue; if you select “SOURCE” during playback with the USB 1-4 selected, “PC” will not blink**
-No instructions required, software improvement
- **Resolved issue; pitch slider may not reach the maximum pitch value.**
-No instructions required, software improvement
- **Improved USB keyboard recognition**
-No instructions required, software improvement
- **Improved Elapsed/Remain display speed reaction by [F1] of Keyboard**
-No instructions required, software improvement
- **Improved HUB recognition**
-No instructions required, software improvement

...continued



- **Improved playback of short mp3 files that would finish suddenly**
-No instructions required, software improvement
- **Added: International Key Board support by preset**
3-types of global USB keyboards are now supported (Qwerty, Qwertz, Azerty) in 9 different native languages. The KEYBOARD type will follow your language selection below.
English (US) – English (UK) – Deutsch – Francais – Italiano – Español – Nederlands – Svenska – Chinese
-Go into the Preset mode (load any file first), find item #25 “KB Type” and change to your native region
- **Added: Quick Jump support in conjunction with: BU4500/DND4500 models**
-See BU4500/D4500 instructions on how to use



- **Added: USB MIDI Interface to control PC Software**
The HD2500 can now be used to control your favorite DJ software that supports USB MIDI mapping
*see software vendor for mapping instructions or native support
*PC Windows XP SP2 support only (Windows Vista & MAC are not available)

Instructions:

To select MIDI mode, first make sure to connect the USB type B from HD2500 to your PC/Laptop
Then Push the **[SOURCE]** button on either Deck 1 / 2 and turn the Parameter knob to select> **MIDI**
Then Push down on the Parameter to activate MIDI mode

To EXIT MIDI mode follow the directions on the HD2500 display

**Please note: The display in MIDI mode cannot receive MIDI messages and will only display how to EXIT MIDI mode*

-New Presets available for this function;

Preset item #26 – MIDI CH Set, *1&2, 3&4, 5&6

Preset item #27 – Unit No. Set, *All, 0~16

(*default)

MIDI Protocol for DN-HD2500:

*see separate addendum pages here:

http://denondj.com/prod_manuals.asp?assetid=DN-HD2500



- **Added: USB AUDIO Interface (ASIO Driver)**
In addition to using the HD2500 as a MIDI controller, you can also take advantage of our high fidelity USB Audio interface (Sound Card) with ASIO support for low latency performance
*Install included Denon DJ ASIO driver by .msi or .exe file, see link and separate addendum page here:
http://denondj.com/prod_manuals.asp?assetid=DN-HD2500
*see software vendor audio configuration options to select > **DENON DJ ASIO DRIVER**

DN-HD2500 PLUG IN'S OPERATING INSTRUCTIONS



Previous Plug In's also included with current build (from sys 1100)

- **Resolved BPM unlocking if the same file was loaded twice**
-No instructions required, software improvement
- **Resolved refreshing alias display characters when switching between CD & Device**
-No instructions required, software improvement
- **Resolved deck lock-up when using the pitch bend buttons causing sound to speed up or slow down on one side**
-No instructions required, software improvement
- **Resolved Key Adjust disconnecting when switching to another device**
-No instructions required, software improvement
- **Resolved double beat sound after releasing the Jog Disc with Key Adjust ON**
-No instructions required, software improvement
- **Improved DB registration of some questionable mp3 files**
-No instructions required, software improvement
- **Improved USB Hub conditions at power up**
-No instructions required, software improvement
- **Improved USB transfer speed when moving files to & from the HD2500**
-No instructions required, software improvement
- **Improved conditions when removing a USB device in CUE or Pause mode**
-No instructions required, software improvement
- **Improved VBR file remain time information**
-No instructions required, software improvement
- **Improved menu navigation when using an iPod in Full DB & Temporary DB mode**
-No instructions required, software improvement
- **Improved conditions for "Can't Open File"**
-No instructions required, software improvement
- **Improved conditions when using the [BACK] key during file searching**
-No instructions required, software improvement
- **Improved conditions when using the Keyboard during Playlist create mode**
-No instructions required, software improvement



- **Added String Search by Keyboard**

How to use this new feature:

Typing any key word, number, phrase or character can now easily locate a range of files

On the keyboard, press the **F12** key to switch this feature between **Normal** & **String Search** modes



*The top of the display will indicate **STRING** when String Search is selected

Example 1: Select, **Artist** and type in name to string search within the **Artist** field

Example 2: Select, **Title** and type in name to string search within the **Title** field

..same for other categories

- **Added left/right arrow to KB indicator at top of display**

-The new  **KB**  arrows will clearly indicate which deck the keyboard is currently assigned to when pushing the **TAB** key or pressing either parameter knob during searching

- **Added Intelligent Keyboard switching during file searching**

-By the keyboard, when you start typing, the KB indicator will automatically switch to the searching side

-By pushing the parameter knob (PM) the KB indicator will automatically switch to the searching side when a keyboard is connected

- **Added new Keyboard functionality by “F” keys**

-By the keyboard press the **F1** key to switch the time display from: **Elapsed/Remain**

-By the keyboard press the **F2** key to switch the: **Title/ID3** window on/off

-By the keyboard press the **F3** key to switch between: **Single/Cont/Playlock** modes

- **Added BPM range searching**

How to use this new feature:

Go into the preset mode (each deck), select **BPMSearchRange** (preset #20) and set one of the below listed values

***0, ±1, ±3, ±5, ±10**

*According to the value selected, the results are shown below

0 = Absolute value: example, typing, 120 will return only 120 bpm

±1 = Range value: example, typing, 120 will return 119~121 bpm

±3 = Range value: example, typing, 120 will return 117~123 bpm

±5 = Range value: example, typing, 120 will return 115~125 bpm

±10 = Range value: example, typing, 120 will return 110~130 bpm

*Best effective when using a Key Board & in 2-Step search, Genre > BPM (to narrow down your search)

- **Added Intelligent BPM reference searching when selecting the next file**

How to use this new feature:

-If you selected a file with 135 bpm (example) and then performed a BPM search for the next file, the default BPM will equal the last file played.

- **Added Temporary DB option in file mode when unregistered USB device is selected**

(Previously only available in Utility mode)

-No instructions required, software improvement

- **Added Memo function while one deck is playing**

-No instructions required, software improvement

- **Added Latin-1 character support to file names & tags (ISO 8959-1)**

-No instructions required, software improvement

- **Added Unicode ID3 Tag support**

-No instructions required, software improvement

- **Added auto C-Fade & Cont. play to Power On Play function**

-No instructions required, software improvement

Cont...



- **Added  indicator at top of display when USB devices are being accessed**

*-Similar to the **HDD** indicator, the new **USB** indicator will flash when **USB** devices are being accessed*

- **Added Soft Reset functionally**

How to use this new feature:

-By pushing down the following 4 keys simultaneously will reset the player.....

***[deck 1]** B loop button & Filter button & **[deck 2]** B loop button & Filter button*

- **Added Factory Default function in Utility mode**

*-By selecting the **Factory Default** option will return all preset settings back to their original factory default*



- **Added “Format Disk” function for the internal HDD in Utility mode**

-Warning! This function will delete all contents on the Internal HDD, be very careful