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Uploading the DN-HS5500 System Software

1. You should have already downloaded and unzipped the update file from **denondj.com** to a folder of your choice at this point Example: ("My Documents" or "Desktop")
2. **You will require a FAT32 formatted USB Memory Device to continue!**
Using your computer, look for and copy the version up file (**Hs5500.BIN**) to the root of a USB memory device. (Flash Drive, Hard Drive...etc)
*When file copy is complete, safely remove the USB memory device from your computer.
3. Turn the DN-HS5500 Power **OFF** by the power switch on the rear panel
4. Insert the memory device (Flash Drive Hard Drive...etc) to the rear **USB-A** port.
5. On the HS5500, press and hold the two buttons marked, **[PLAYLIST]** & **[BACK]** (see Fig 1), then turn the power **ON** while continuing holding down these two buttons.
Once the display says **"Select device which Ver. UP file is in"**, you can release these two buttons.



6. Press the **[Mirror Mix]** button (next to Cue) and confirm the new version number shown in the display >> (1400)
7. Push the **[PLAY]** button, then display will indicate, **"Software updating keep power on"**
**It takes about 30 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-HS5500 will require factory service, be careful!

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

A list of improvements are described on the following pages!

DN-HS5500 PLUG IN'S SOFTWARE IMPROVEMENTS



New & Current Plug In's as of December 2009 (Sys 1400)

- Added Mixed-CD support which avoids "Disc Error"
- Improved Pitch lock setting was lost after layer switching
- Improved Drag-start sound issue at remote side of D-sync mode
- Improved Random Marker Point drift when scratching
- Improved Cue Point drift when scratching after DUMP/Reverse mode
- Improved MIDI performance for MAC OS X10.5.7 & X10.6
- Improved Vinyl disc Cue point from moving out of Cue during heavy bass or hard vibration
- Improved Vinyl disc marker drift when changing FWD/BOTH direction switch while scratching
- Improved CD-TEXT character length for "Track Name"
- Improved Pitch fader response feeling
- Improved Very low bitrate MP3 plays with some noise
- Improved freezing issue when adding file to playlist in playlist create utility
- Improved Nextmemo Cue point is wrongly loaded when cue is located far from head of file
- Improved Jumping to another file after canceling NEXT Tr Mode and Quick Jump/Fast Search was used

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

- Added: [BACK] function to Folder search so you may scroll ↑ UP the list again
 - Added: Min/Max display dots to the effects screen when using dry/wet effects knob
 - Added: Faster text scrolling speed by use of a keyboard
- Instructions:**
- Connect USB Keyboard directly to player or through a USB Hub
 - To increase the text scroll speed for USB/HDD/CD, push the [SHIFT]+[↑] keys in 16 available steps
 - To decrease the text scroll speed for USB/HDD/CD, push the [SHIFT]+[↓] keys in 16 available steps
- *Note: At power off, the text speed defaults back to normal*
- Altered Spec: Audio Curve OFF preset – This mode will now function better with timecode media control, CD/HDD/USB (such for, Serato Scratch LIVE)
**Note: When not using timecode control (normal audio files) it is highly recommended to keep Audio Curve ON*
 - Altered Spec: TT Tricks ON preset – Platter Bend sensitivity by finger pressure during spinning mode was removed to avoid heavy bass conditions in clubs.
**Note: Platter Bend by finger pressure is still available in TT Tricks OFF mode*
 - Altered Spec: Prohibited entering Mirror Mix mode during CUE/Pause state when using the CD Drive (BU5501). This avoids entering "Mirror Mix" mode inadvertently when "Eject" is expected
- Improved: Platter pitch drift issue during spinning platter mode
 - Improved: After scratching at the beginning of file, player's display Marker position hesitated playback for a few seconds
 - Improved: Marker point accuracy outside of memory area
 - Improved: Folder Search access time for large directories within a single Folder
Note: You can only have a maximum of 1,000 files & folders (combination) within a single Folder
 - Improved: Folder Search to call the same structure as a PC
 - Improved: UPDATE function in UTIL mode, which would inadvertently duplicate your library files if your DB was initially made by the Music Manager
 - Improved: Playability for very short mp3/wav files



Continued...

- Improved: BPM value that would inadvertently disappear by some button & pitch action
- Improved: Slight “tick noise” at the head of file when scratching after a new file is loaded
- Improved: Scratch direction switch during D-Sync mode if switch settings were not the same at connect/disconnect
- Improved: USB1 was not recognized for Layer 2 when player boots up with CD (BU5501) as the default device
- Improved: After string search, rotating PM and [Back] operation didn't reach the top menu
- Improved: After File search and quickly rotating PM caused distorted display characters
- Improved: File scrolling lock up by platter in dual display mode on Deck 2 by some action
- Improved: In reverse playback & single mode, if playback reached the top of the file, the cued point sound may gain some noise or possibly skip
- Improved: Hitting CUE during a long backspin would sometimes cause reverse playback
- Improved: Loss of CD MEMO data after firmware updates from Ver1200/1210
- Improved: [Play] button response latency
- Improved: [Brake] default setting to a higher value
- Improved: Spinning Platter control performance in MIDI mode
- Improved: Formatting USB hard drives over-500GB is now possible
- Improved other minor issues

DN-HS5500 PLUG IN'S SOFTWARE IMPROVEMENTS



Previous Plug In's also included with current build (from sys 1210)

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

A new bug that appeared in v1200 can potentially damage your music files "if" you save a MEMO to the files stored on the optional "Internal" Hard Drive (by way of internal caddy, BU5502). Any MEMO's made to the internal HDD with version 1200 should be deleted and replaced from your master collection. Version 1210 rectifies this problem.

NOTE:

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

**If you're not using or don't plan on using the optional internal hard drive with its optional caddy BU5502, you should not worry about this matter.*

DN-HS5500 PLUG IN'S SOFTWARE IMPROVEMENTS



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

- Added CD Slim Drive support for optional BU5501 (sold separately)
- Added Larger internal HDD capacity and HDD format support for up to 250GB max (2.5" PATA type drives only)
Please note, D&M Pro will not be responsible for loss of data or guarantee performance, stability or issues related to the use of 3rd party Hard Drives.
- 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
- Added Music icon 🎵 during Folder search
- Added Folder sort preset on/off (item #22)
-This preset is designed to speed up the search time during Folder search when set to OFF, however Folder names may appear out of logical order. When the preset is set to ON, Folder names will appear in logical order, but depending folder structure, it may take a little longer to display results
- Improved: FOLDER SEARCH issue from landing in the wrong Folder with the same Folder name when the [BACK] function is used
- Improved Playlist Cont. mode of miss-matched Music and Title sometimes
- Improved Pitch Bend issue in D-Sync mode for Remote unit
- Improved D-Sync "Disconnect" issue during CONT. mode
- Improved Audio return latency after "Quick Jump" or "Fast Search"
- Improved other minor issues



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

- Added Windows Vista support in MIDI mode
- Added support for iPod Classic & Nano (gen 6)
- Added new preset item #29 "**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 10ms, but adjust up or down until good performance is found with your selected DJ application.
- Added display support in MIDI mode (software apps can now send data to our display)
- Added the ability to go back up the search list when the [BACK] is pushed from the title level
- Added switching Effects ON/OFF during scratching
- Added File searching within a Folder by KB
- Added "Hot List" Continuous mode
- Added more KB 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
 - Pushing the → arrow key will ADD the highlighted file to Hot List
 - Pushing the ← arrow key Omits the highlighted file in Hot List mode at the scrolling point
- Improved MIDI Exit method to: Hold the MIDI button for 4-seconds to exit MIDI mode
- Improved MIDI control protocol for the spinning platter (for software developers)
- Improved scratch sound to highest resolution of detail
- Improved scratching and back spinning performance at the head of file
- Improved marker point drift during scratching and fast backspins
- Improved 2-sec time jumps during fast backspins and release motion
- Improved scratch disc response time when cueing quickly from Pause mode
- Improved idle period to only 2 blank rotations in Single play mode
- Improved platter bend response by finger pressure along side the spinning platter
- Improved display, "KB" icon now moves from deck to deck in D-Sync mode
- Improved some latency issues in D-Sync mode on Remote player
- Improved "Caps Lock" issue when the KB is used on the "other side" deck
- Improved conditions during Playlist Creating
- Improved issue with the WAV/MP3 display icon on display during Folder search
- Improved USB "time-out" issue if no device was connected during "PowerON Play".
- Improved Folder list display order to standard alphanumeric method
- Improved MEMO function Recall conditions if the same Playlist is used on the decks
- Improved MEMO conditions after you first exit from Utility mode
- Improved "Pitch Lock" conditions from unlocking abnormally when switching layers
- Improved "Looping" condition from exiting abnormally when switching layers
- Improved system lockup issue reported by user by certain swift operation
- Improved Genre Tag wrongly named if only whole number was used, such as> "80"