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## Uploading the DN-X1600 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 (**X1600FW.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-X1600 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 X1600, press and hold the two buttons marked, [**MIC2**] & [**DUCKING**] (see Fig 1) then turn the power **ON** while continuing to hold down these two buttons. Once the display says "**Ver. UP**", you can release these two buttons.

Fig 1

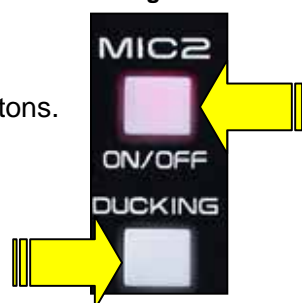


Fig 2



6. Press the [**UTILITY**] button (see Fig 2)  
The display will say "**Ver. UP PushClk**" and scroll the old version to the new version "**ver YYYY >>> ver XXXX**"

Fig 3



7. Press the [**MIDI CLK**] button (see Fig 3)  
The display will say: "**Keep ON Ready**" and then display **%** status

*\*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-X1600 will require factory service, be careful!

8. When the mixer is finished updating, "**Finish!**" and the new version number 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 page!**

# DN-X1600 PLUG IN'S SOFTWARE IMPROVEMENTS



## New & Current Plug In's as of Oct 2010 (Sys 2000)

- Added +10dB Output Gain to Master/Booth outputs
- Added new Isolator Filter function to the Parameters knob
- Added new preset: You can now choose Cross Over or Isolator Filter as the default setting for Parameters on or off button position
- Added BPM MIDI Clock - Great for Traktor/Ableton users. This automatically detects BPM MIDI Clock from the application and becomes the Master BPM in the display
- Added new preset: MIDI Layer Combine or Divide function. New Combine controls Audio & sends MIDI data at the same time when knobs and faders are moved
- Fixed infrequent fader bleed in the OFF position
- Fixed -3dB bass cut when EFX is ON
- Fixed MIDI receive commands to avoid malfunction
- Fixed small audible pop noise when using Master EFX INS
- Default is set to USB B mode for computer MIDI/AUDIO control at power up

## Previous Plug In's Included with Current version

- Improved random muting issue with MAC OSX 10.6.4  
OSX 10.6.4 and X1700 v1220 (or higher) must be used together
- Improved random audio pop noise related to the Filter parameter control when the System Sampling Freq is set to 44.1/48kHz
- Improved output muting problem when SEND/RTN is used under some conditions

**Note:** *Your presets will be reset back to factory settings. You have to change them back to your original values after the firmware upgrade*