



# SOFTWARE UPGRADE PROCEDURE

<b>MODEL NUMBER</b>	<b>D1050</b>
<b>REFERENCE NUMBER</b>	<b>TD2015-04 D1050 MAC</b>
<b>DATE</b>	<b>8 December 2015</b>

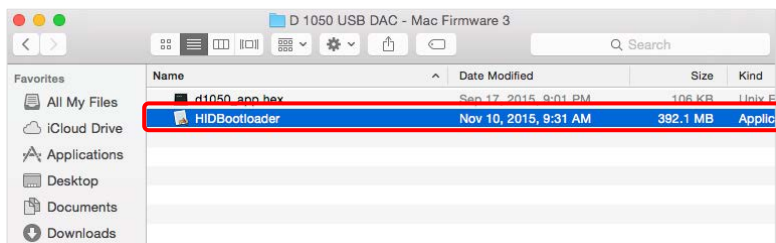
## D1050 SOFTWARE UPGRADE PROCEDURE FOR MAC USERS

- 1 Connect your Mac computer to the rear panel USB input of the D1050 using a Type A USB-to-Type B USB connector. Leave the D1050 at standby mode.
- 2 Download the latest D1050 firmware for Mac (for example, "D1050 USB DAC – Mac Firmware 3.1) from the "Software" section under "Manuals and Downloads" of the D1050 webpage (<http://nadelectronics.com/products/digital-music/D-1050-USB-DAC>).

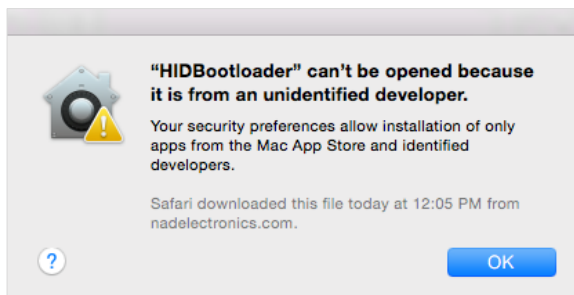
### IMPORTANT!

Close or terminate all open windows, other operations or activities in your Mac before proceeding to the next step.

- 3 Select or unzip the downloaded upgrade file and a directory of the files will be shown.
- 4 Select "HIDBootLoader" from the upgrade file list.

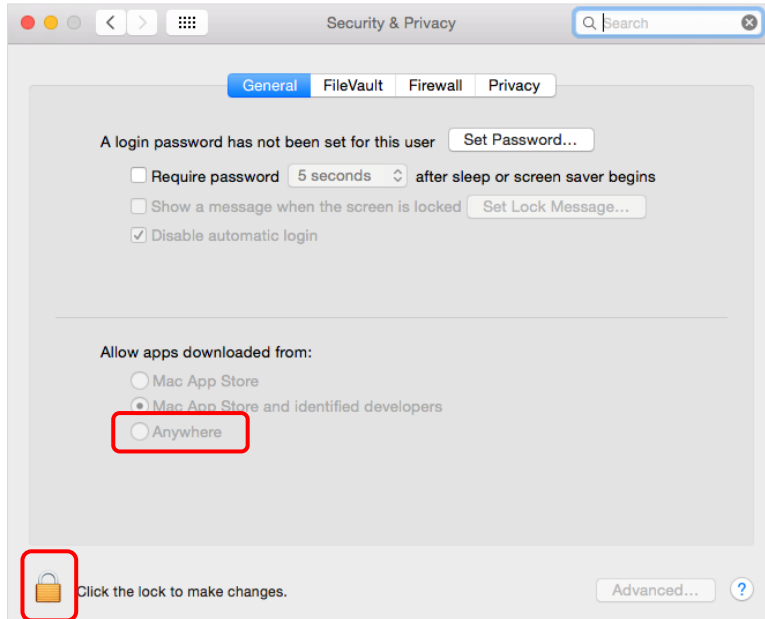


- 5 Upon selection of "HIDBootloader", below display may be shown.



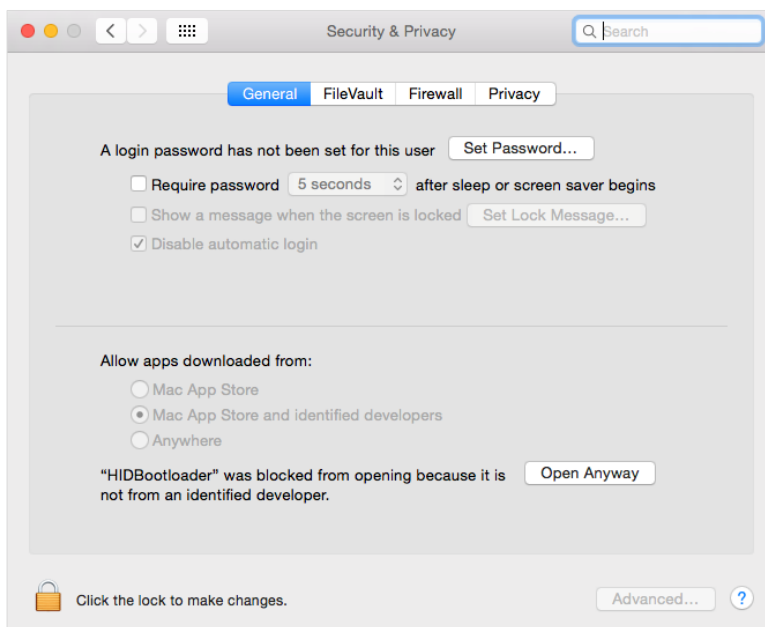
This is a normal. By default, Apple has changed the security settings to allow installation only of apps from the Mac App Store and identified developers. To change this permanently or temporarily, undertake the following steps

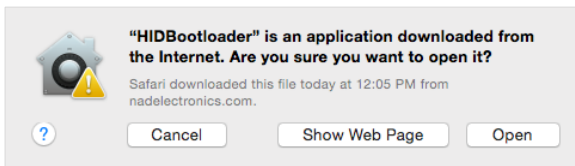
- a Go to System Preferences → Security & Privacy.
- b On the “General” tab, click the little lock in the lower left corner to unlock the general preferences panel.
- c After unlocking, select “Anywhere” from the “Allow applications downloaded from:” options.



With above settings, the downloaded file can be opened.

Other scenarios as shown below may also be displayed when opening the downloaded file.






If any of the above condition occurs, select "Open Anyway" or "Open" to enable the "HIDBootloader".

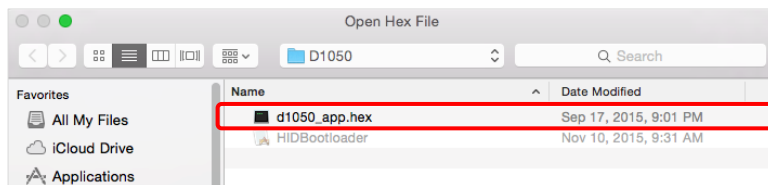
- 6 With "HIDBootloader" enabled, bootloader window appears.



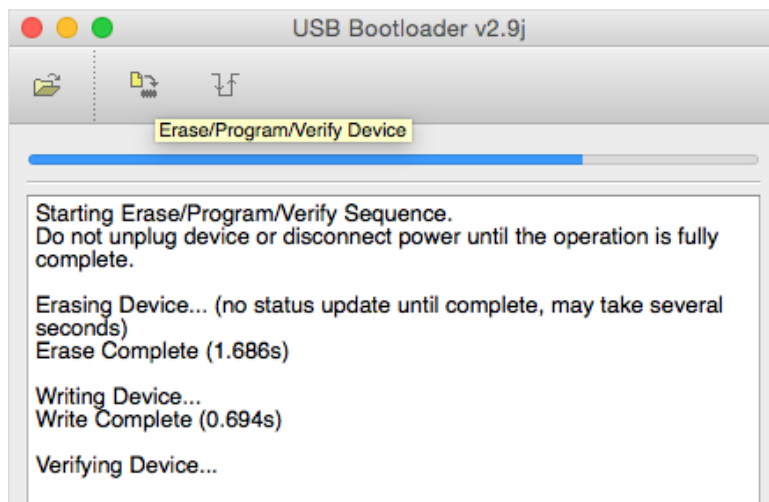
- 7 Press and hold "SERVICE" button at the D1050 rear panel until **U** and **S** atop the display panel are illuminated at the same time. Release hold of "SERVICE" button. Select  to be redirected to the upgrade file list.




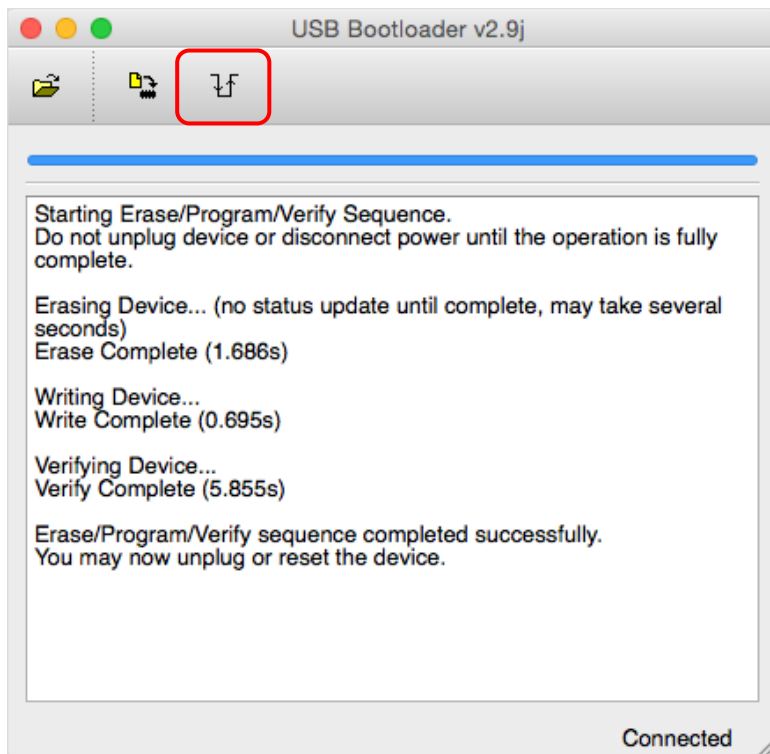
- 8 Select "d1050.app.hex" from the upgrade file list.



Upon selection of "d1050.app.hex", select  and the upgrade process will start automatically.



- 9 The upgrade is completed when "Erase/Program/Verify sequence completed successfully" is shown at the end of the status prompt. Select  to reset the unit.



10 After resetting the D1050, "Device Detached" is displayed. End of program upgrade.



## HOW TO CHECK THE SOFTWARE VERSION

For steps below that involve use of remote control, use NAD remote controls with DAC library like DR1 or HTR version remote controls wherein DAC library can be programmed.

- 1 With the D1050 powered up, press and hold "ON" button of the remote control until the display starts to flash. Release "ON" button and observe the display sequence.
- 2 Display on the left side will flash first – count how many times this side will flash. The number of times the left side display flashes will correspond to the digit on the left side of the decimal point on the software version vx.x. To illustrate, for a software "v2.1" version, the left side display will flash twice to correspond to the digit left of the decimal point of the software version which in this case is "2".
- 3 The flashing of the display will automatically switch to the display on the right side. Count also how many times this side will flash. The number of times the right side display flashes will correspond to the digit on the right side of the decimal point of the software version. For the software "v2.1" version example, the right side display will flash once to correspond to the digit right of the decimal point of the software version which in this case is "1".