In some cases after installing the latest version of Hog 4PC the USB Nano Hog 4 Wing may not be detected automatically. This document describes how to properly resolve driver and firmware issues for the Nano Hog 4 Wing on Windows computers. This procedure is valid for all Hog 4OS supported versions of the Windows Operating System.

PART 1: Ensure the Nano Hog 4 Wing has the correct firmware

After installing any version of Hog 4PC ensure your USB Nano Hog 4 Wing gets the appropriate firmware by forcing a firmware reload using this procedure:

1) Plug only the USB connection of the Hog 4 Nano Wing to your Windows PC
2) Simultaneously press and hold the Next Page, Choose 1, and Choose 2 keys while plugging in DC power to the wing
3) After 5 seconds release the keys held in step 2.
4) After about 15 seconds you will see a quick single flash of all the front panel's blue LEDs. This indicates the firmware update process is complete and you can move on to Part 2.

PART 2: Ensure the Nano Hog 4 Wing is using the correct WIndows driver

After performing the firmware reload procedure outlined in part 1, now ensure the wing is loaded with the correct driver using this procedure:

1) Ensure the USB connection of the Hog 4 Nano Wing is connected to your Windows PC and that the power connection of the wing is also plugged in.
2) On the desktop of your computer locate the "Computer" icon
3) Right click on the "Computer" icon and select "manage". This will open a new window called "Computer Management".
4) Click on "device manager" (this is on left hand side of the window)
5) Now look in the right hand pane of the Computer Management window. If you see "High End Hog4 Nano Wing" listed under HES Widgets and it does not have a yellow exclamation point next to it then stop this procedure because your wing is already loaded and should be functioning as expected with Hog 4PC.
6) If you don't see "High End Hog4 Nano Wing" listed then look for "unknown" in the list. (the unknown device should stand out because it will be listed a yellow exclamation point)
7) Right click on the unknown device and select "uninstall" (<u>DO NOT</u> check any options to remove driver software!!!!). Confirm removal by clicking the OK button.
8) Right click on any device in the list and select the "scan for hardware changes" option
9) Windows will now attempt to load the correct driver for the unknown device (which is the Nano Hog 4 Wing) with the appropriate driver.
10) Once Windows finishes loading the driver for the wing it will be listed in the device manager under the Hog Widgets section as "High End Hog4 Nano Wing".
11) The Hog 4 Nano Wing is now ready for normal operation with Hog 4PC.