

ISAAC™ Software 4.1+
Software Installation Procedure
PC/Mac

AeroPod™ CdA and power meter
PowerPod® Power Meter
Newton® Power Cycling Computer

August 20, 2019

**IF YOU'RE INSTALLING ISAAC ON A
MAC, MAKE SURE TO FOLLOW MAC
INSTALLATION INSTRUCTIONS
CAREFULLY**

COMPUTER SYSTEM REQUIREMENTS

Windows:

Isaac 4.1+ is not compatible with Windows XP or older

Windows 7, 8, 10
128MB RAM memory

Macintosh:

Intel Mac
Mac OSX 10.4 or higher
128MB RAM memory

NOTE: Isaac Mac 4.1x is NOT compatible with MacOS Catalina

HOW TO INSTALL “ISAAC FOR WINDOWS” SOFTWARE

Isaac 4.1+ is not compatible with Windows XP or older

Windows (Windows 7, 8 and 10)

1) Download the latest version of Isaac for Windows software here:

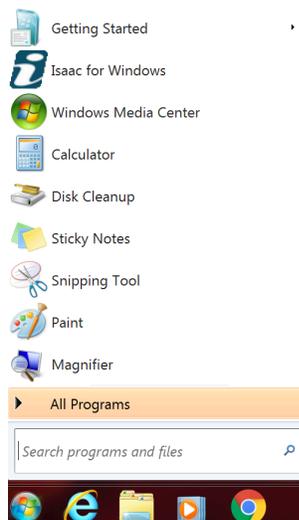
<https://velocomp.com/isaac-software-installation/>

2) Install Isaac 4.1+ software

3) Plug in your USB cable to your PC. Connect the other end of the cable to your PowerPod/Newton, and **make sure your PowerPod/Newton is turned on.**

A series of messages will appear telling you that your USB drivers have been installed successfully.

Once your Isaac software is installed (and USB drivers, if necessary), click on the Start button. You’ll see the Isaac for Windows icon in your menu:



HOW TO INSTALL “ISAAC FOR MAC” SOFTWARE

NOTE: Isaac Mac 4.1x is NOT compatible with MacOS Catalina

Because of new, complicated security settings in High Sierra, the installation procedure for Isaac for Mac is a bit cumbersome. We apologize in advance for any additional inconvenience this may cause.

Please follow these instructions EXACTLY to install Isaac on your Mac. **We recommend you keep these instructions open during the installation process, so you will be able to follow-along.**

There are three pieces of software to download. Click on all three links below to transfer the three software components to your computer

- 1) Download “Isaac for Mac” from this link:

https://velocomp.com/wp-content/uploads/2018/03/Isaac_for_Mac.zip

- 2) Download “NI VISA drivers” from this link

https://velocomp.com/wp-content/uploads/2018/09/NI-VISA_Runtime_18.0.0.dmg_.zip

- 3) Download “SiLabs drivers” from this link

http://velocomp.com/wp-content/uploads/2019/08/Mac_OSX_VCP_Driver082019.zip

After transfer, these three files will be located in your Download folder.

You will install each software piece separately. Then, after installing all three software applications, you will then configure Isaac settings so that it fully recognizes the drivers.

This “first-time-install” process has to be performed only one time. When Isaac software updates are provided, you won’t have to repeat this (cumbersome) process.

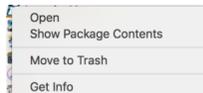
Isaac software application installation

NOTE: Isaac Mac 4.1x is NOT compatible with MacOS Catalina

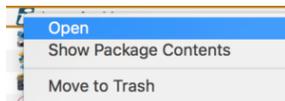
- 1) Double click “Isaac for Mac” to unzip the downloaded file
- 2) Drag-drop “Isaac for Mac” into your Applications folder



- 3) Open your Applications folder and find the “Isaac for Mac” app
- 4) **Hold down the “control” key on your keyboard, then click the “Isaac for Mac” icon. You will see this:**



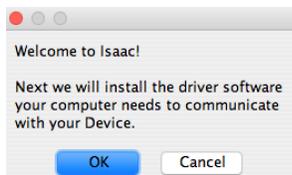
- 5) Move your mouse over "Open" to highlight it:



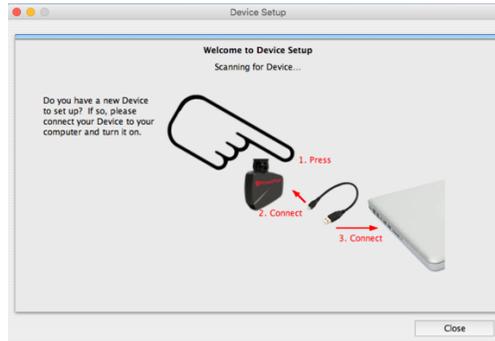
- 6) Now, **click "OPEN"** to begin installation of Isaac (“control-click-open”).
- 7) You’ll see a security warning message from Apple; click “Open”.
- 8) During Isaac installation, you will see this screen. Select your language, then click OK



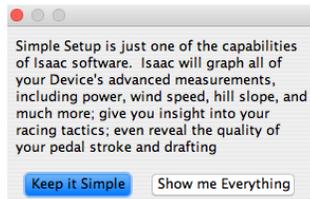
- 9) **IMPORTANT:** WHEN YOU SEE THE SCREEN BELOW, **CLICK “CANCEL”**



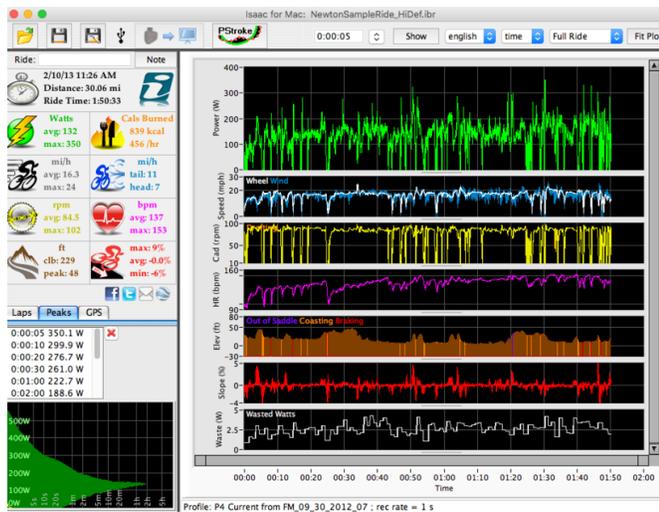
10) **IMPORTANT:** WHEN YOU SEE THE SCREEN BELOW, **CLICK “CLOSE”**



11) **IMPORTANT:** WHEN YOU SEE THE SCREEN BELOW, **CLICK “SHOW ME EVERYTHING”**



12) **IMPORTANT:** WHEN YOU SEE THE SCREEN BELOW, **QUIT ISAAC**



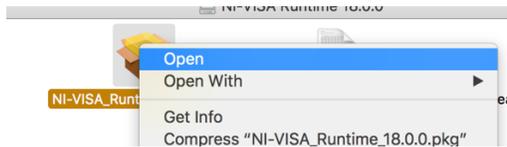
Isaac software application installation is now complete

NI VISA driver installation

- 1) Double click the “NI VISA_Runtime_18.0.0.dmg_.zip” file to unzip it.
- 2) Double click the “NI VISA_Runtime_18.0.0.dmg” file. You will see this:



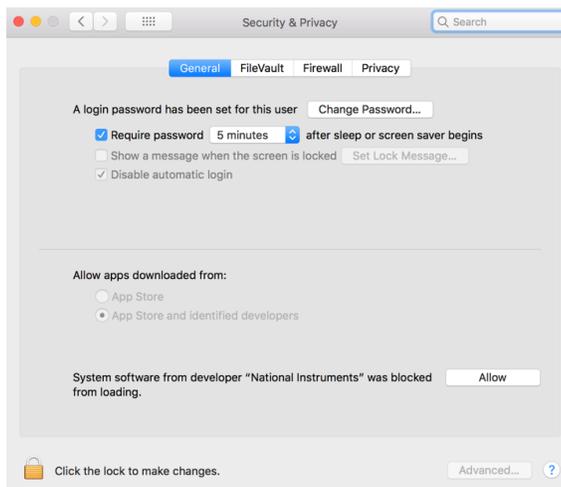
- 3) Use the “control-click-open” method to start installation of NI VISA



- 4) The NI VISA driver installation will begin. Click “continue” as requested.
- 5) **IMPORTANT:** Near the end of the NI VISA installation you will see this message:



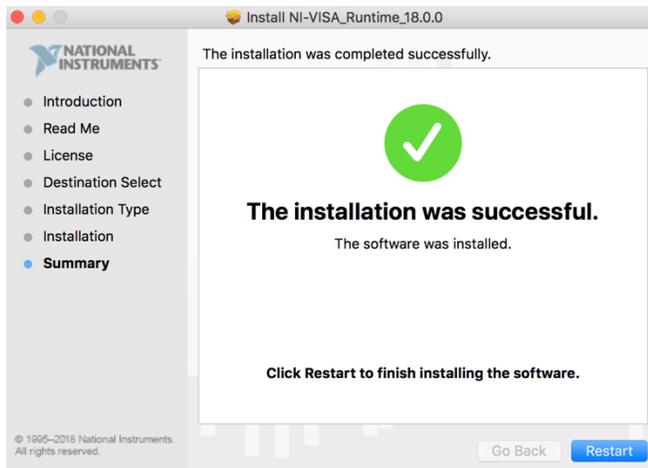
- 6) **IMPORTANT:** Click “Open Security Preferences”. You will see this screen:



- 7) **IMPORTANT:** Click the “Allow” button
- 8) After you click the “Allow” button, if you see the Installer icon “jumping up and down” in your Dock (shown by red arrow in image below), click on the jumping icon to continue the installation. *If you don't see the jumping Installer icon, continue to step 9.*



- 9) The NI VISA driver installation will finish. When you see the screen below click the “Restart” button.



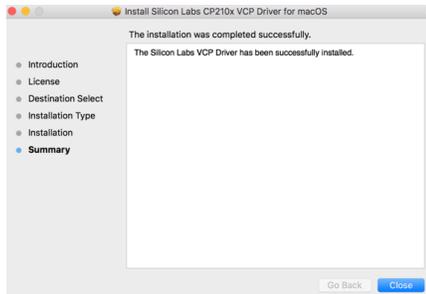
NI VISA driver installation is now complete.

SiLabs driver installation

- 1) Double click on “SiLabs_Mac_OSX_VCP_Driver.zip”
- 2) Double click on “SiLabsUSBDriverDisk.dmg”
- 3) Follow the prompts to install the SiLabs driver
- 4) **IMPORTANT:** during installation you will get a message asking you to allow SiLabs driver installation. **MAKE SURE YOU CLICK THE BUTTON THAT ALLOWS THE DRIVERS TO BE INSTALLED.**



- 5) The drivers will finish installing. Click “Close” when you see this screen:



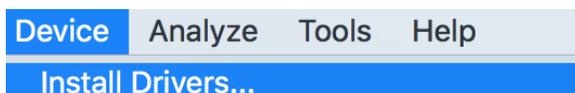
SiLabs driver installation is now complete.

Re-configure “Isaac for Mac” internal driver settings:

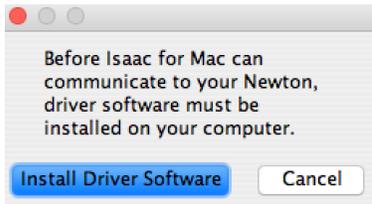
The steps above install Isaac software and associated drivers.

This section re-configures Isaac’s internal settings to reflect successful driver installation.

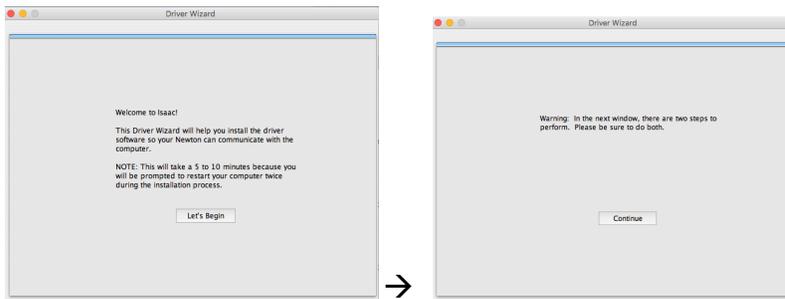
- 1) Launch Isaac for Mac. The main window appears.
- 2) In the Isaac main menu, go to “Device/Install Drivers...”



3) The window below appears



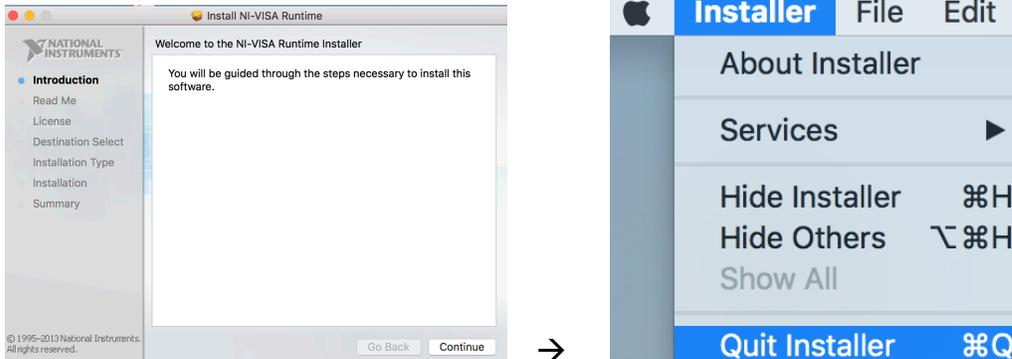
4) After clicking “Install Driver Software”, click “Let’s Begin”, and then click “Continue”



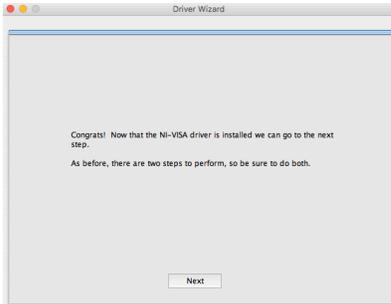
5) The window below appears. Open the NI Visa Runtime driver installer with “control-click-open” method:



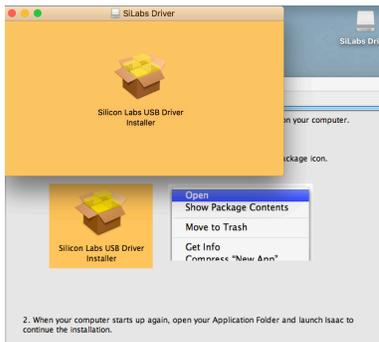
6) The Installer launches, and the Installer window appears. ***CRITICAL: when the Installer window appears, DO NOT CLICK “CONTINUE”. INSTEAD, QUIT THE INSTALLER***



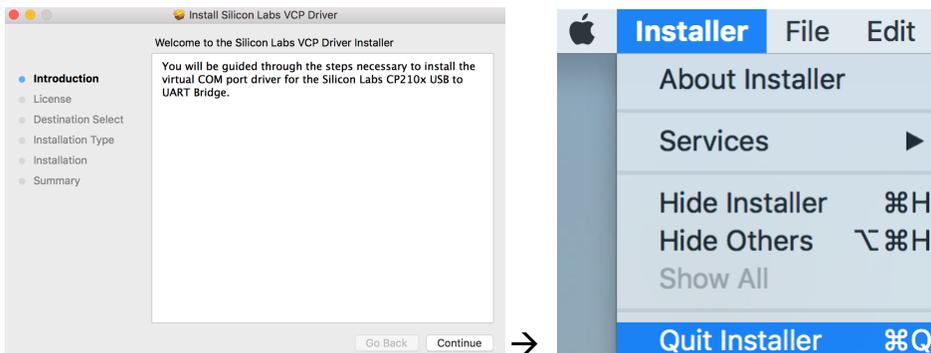
7) Isaac for Mac will also quit. *Re-launch Isaac for Mac*. The window below appears; click “Next”



8) The window below appears. Use “control-click-open” to start the Silicon Labs USB Driver Installer:



9) The Installer window appears. ***CRITICAL: when the Installer window appears, DO NOT CLICK “CONTINUE”.*** INSTEAD, QUIT the INSTALLER



Checking “Isaac for Mac” proper operation

To check for proper operation of your new software, start by doing these two things:

- Connect your Device to your computer using the USB cable.
- Click a button of your device, to turn it on

Now, launch Isaac for Mac.

When you see this screen, click “close”



Isaac main window will open. A green box around the USB icon indicates that your Device is communicating with Isaac, and that everything is working properly!



This completes the installation of Isaac for Mac. You will now be able to use Isaac for Mac with High Sierra, (and you won't have to repeat this awful install process again...)

How to use Isaac software

To learn more about Isaac operation, download the Isaac Instruction manual here:

<http://www.velocompforum.com/viewtopic.php?f=12&t=4010>

TECHNICAL SUPPORT

Need additional help? Email technicalsupport@velocomp.com, call 609 425-0444, or visit velocompforum.com