

Note:

- This tutorial assumes that you have installed the driver for Grove Zero **Main Board**, if not, please download the driver [here](#)
- This Grove Zero Helper only support the follow Grove Zero modules:
 - Twin Button
 - Light Sensor
 - Sound Sensor
 - Temperature Sensor
 - IMU 9-DOF
 - Buzzer
 - LED Matrix
- For Mac, the helper APP only support MAC OS 10.13.1 and above.

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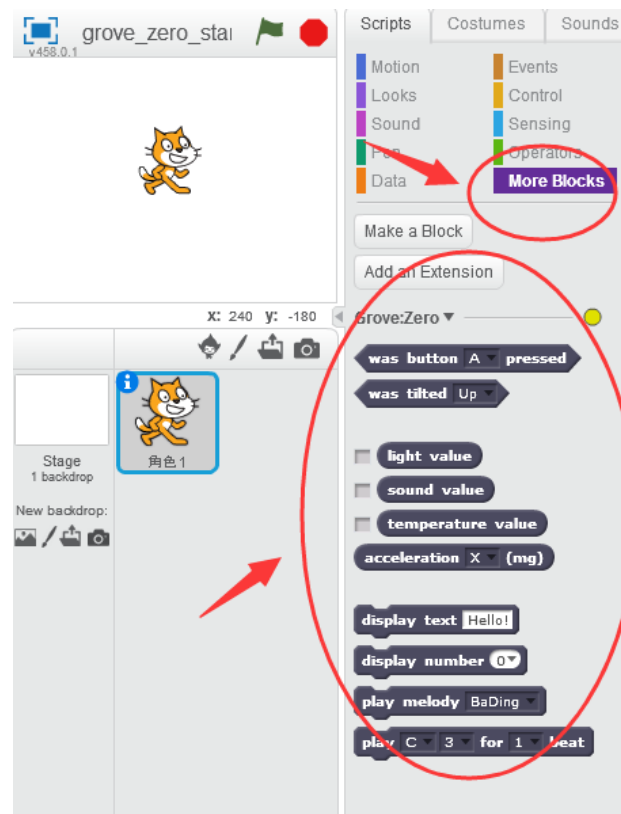
How to use Grove Zero modules on Scratch:

Step 1:

Program the Main Board with file "**Grove Zero for Scratch 2.0.uf2**" by double clicking the reset button on Main Board, then move the file into the removable disk of Main Board.

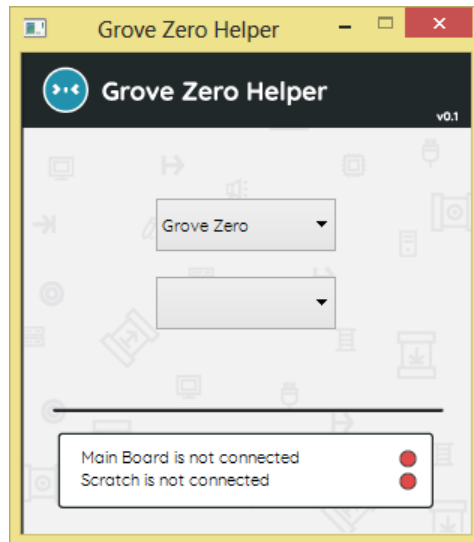
Step 2:

Open the "**grove_zero_start_kit_en.sb2**" (or other language version) in Scratch 2.0, it works with both online of offline version, you'll be able to see the extension blocks showing up in "**More Blocks**".



Step 3:

Unzip the "**Grove Zero Helper**" you've just downloaded and then open "**Grove Zero Helper APP.exe**" to launch the helper. See the following image:



Step 4:

Now re-connect the **Grove Zero Main Board** to the computer with **USB cable**, select "COM" port, check if the "**red dot**" in Scratch helper and Scratch editor turned "**green**", If it does, which means you ready to go.

