VEX IQ Setup with VEXcode IQ Blocks App (iPad/Android Tablets)

Updated: 8/10/2020

Preparing your computer for installation (+/- 2 hours)

It is imperative that you consult your IT team prior to installing any software or attempting to amend any settings on your computer. Administrative rights are based on a profile created by your System Administrator; therefore a plethora of variances are possible and these 'rights' may not necessarily allow you to install software properly.

1. Disable the UACs (set to 'Never notify')

2. Disable the anti-virus software

3. Disable pop-up blocker in the browser you are utilizing

(These settings may be re-enabled once the software is installed and operational.)

4. Ensure you have permissions to install USB drivers for any Android, Robotics or other devices which will connect to the computer via USB.

Table of Content

Part 1

Downloading the VEXos Utility Program

Note: If you have already installed the VEXos Utility Program, proceed to step one of **Using the VEXos Utility**.

Step 1: Click on the download button below to download the installer.

Step 2: If given the option, choose "Run". Otherwise, save the file and open it.

Step 3: Follow the on-screen instructions to install the VEX IQ Firmware Updater.

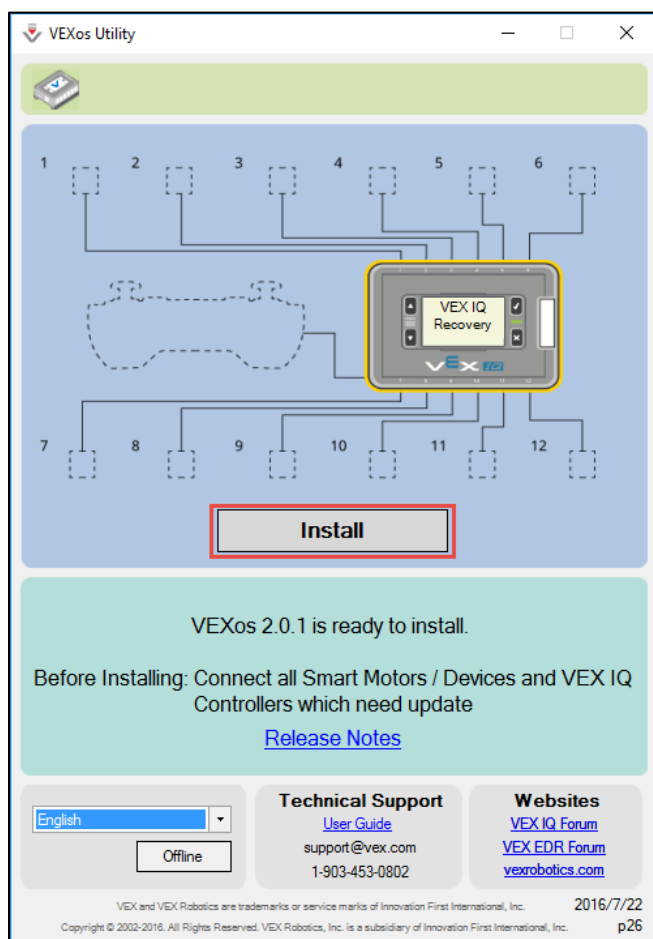# Part 2

Using the VEXos Utility - 3 Easy Steps

Step 1: Plug all devices into the Robot Brain, and plug the Robot Brain into your computer via USB.

Step 2: Turn on the Robot Brain.
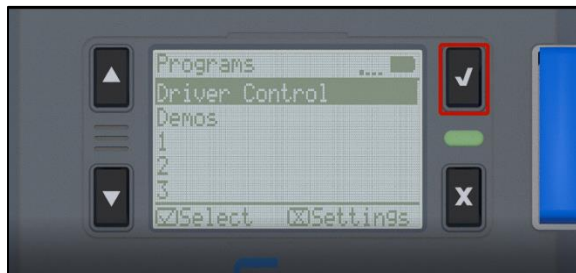
Step 3: Open the VEXos Utility, and select Install

NOTE: Firmware Updater may have to be run more than once in order for all components to fully update.

Part 3
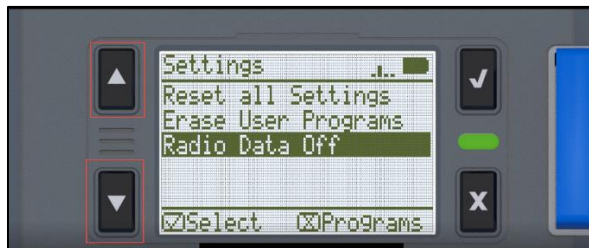## Setting up the Vex IQ Brain for connection.

1. Power on your Vex IQ Brain with the Check Mark button.

2. Once on, press the "X" button to open the Settings Menu.

3. Using the Up and Down buttons, navigate to Radio Data.

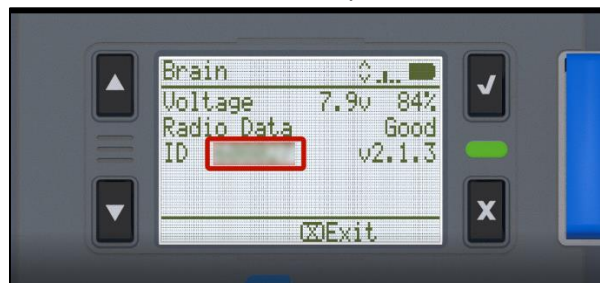4. Use the Check Mark button to mark this setting as "ON".

5. You can also tell if this setting is on if you can see the Arrow Icon at the top of the Vex IQ Screen.

6. Move the Menu Selector to the System Info setting with the Up and Down buttons and press the Check Mark button to open it.
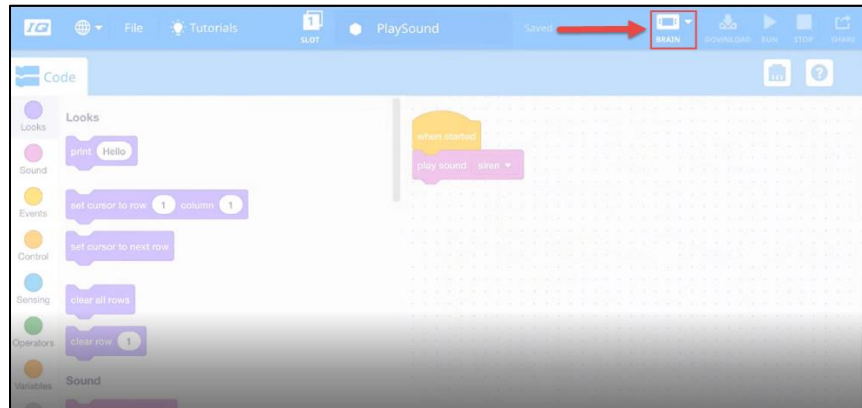

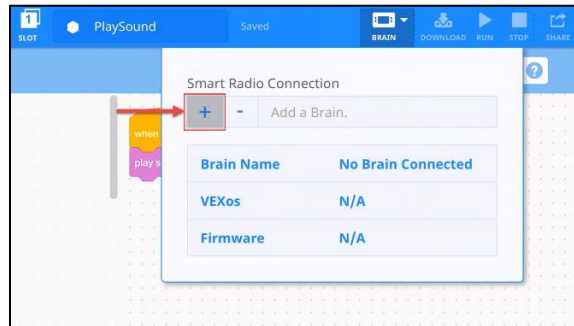7. Write down the ID number show on your Vex IQ Brain's screen.

Part 4
Wirelessly connecting the Vex IQ Brain to the iPad/Android Tablet
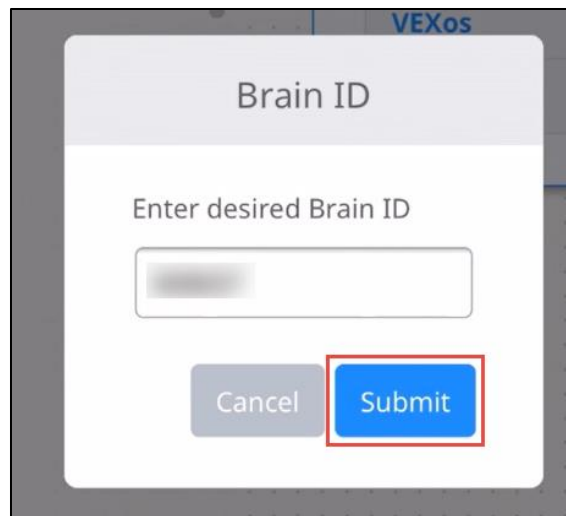
1. On your iPad/Android Tablet, open the Vex IQ Blocks application and select the Brain button in the top right.
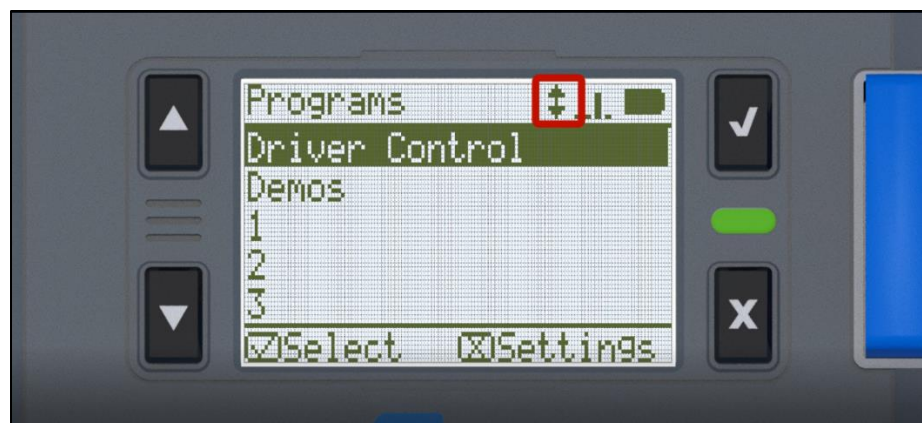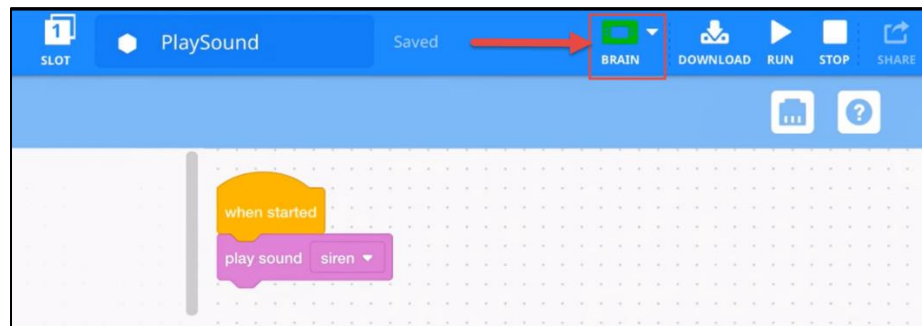

2. Select the Plus Sign in the new menu to add a new Vex IQ Brain ID

3. Enter the Vex IQ Brain ID you wrote down earlier from earlier and select Submit. This will connect your device and your Vex IQ Brain wirelessly

4. You will know the connection has been established as the Brain button in the Vex IQ Blocks application will turn green and the Download, Run, and Stop option in VEX IQ Blocks will be bold white. The Radio Arrow Indicator on your Vex IQ Brain will be bold as well. You can see an example of what these will look like in the screenshots below.

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Additional VEX IQ documentation

- [How to setup wireless controller](#)
- [VEX IQ Troubleshooting Flowchart](#)
- [VEX IQ LED indicator meanings](#)