Button Board (am-3753) User Guide

Start by wiring up the electronics to verify everything works. The push buttons interface to the bottom row of connectors using the the red and black cables. Starting from the left, the first port is button 1. The connector to the right is for button 2 and so on. The USB cable is wired to the upper left 4 pin connector. The Joystick plugs into the port on the top row to the right. In the picture above, only the up direction is wired as an example. Below is a schematic of the controller board.
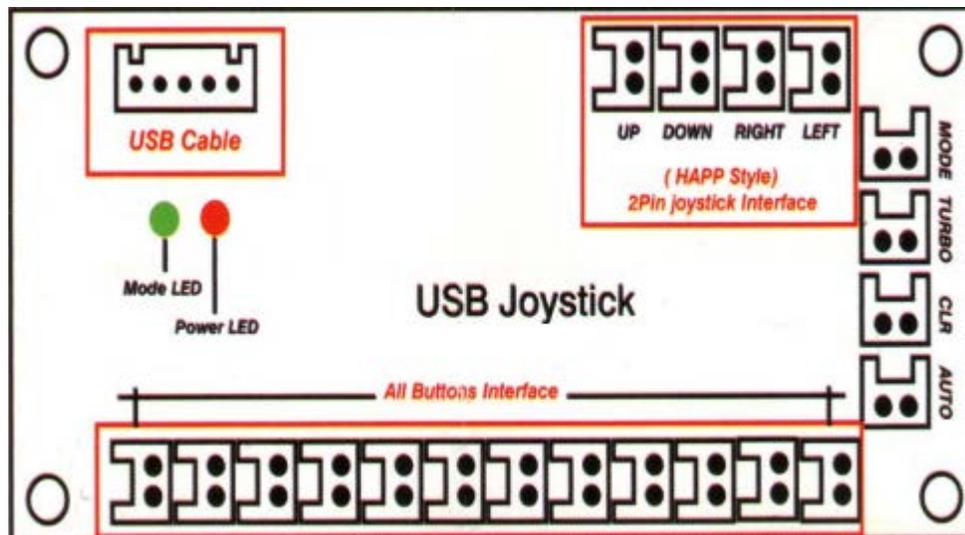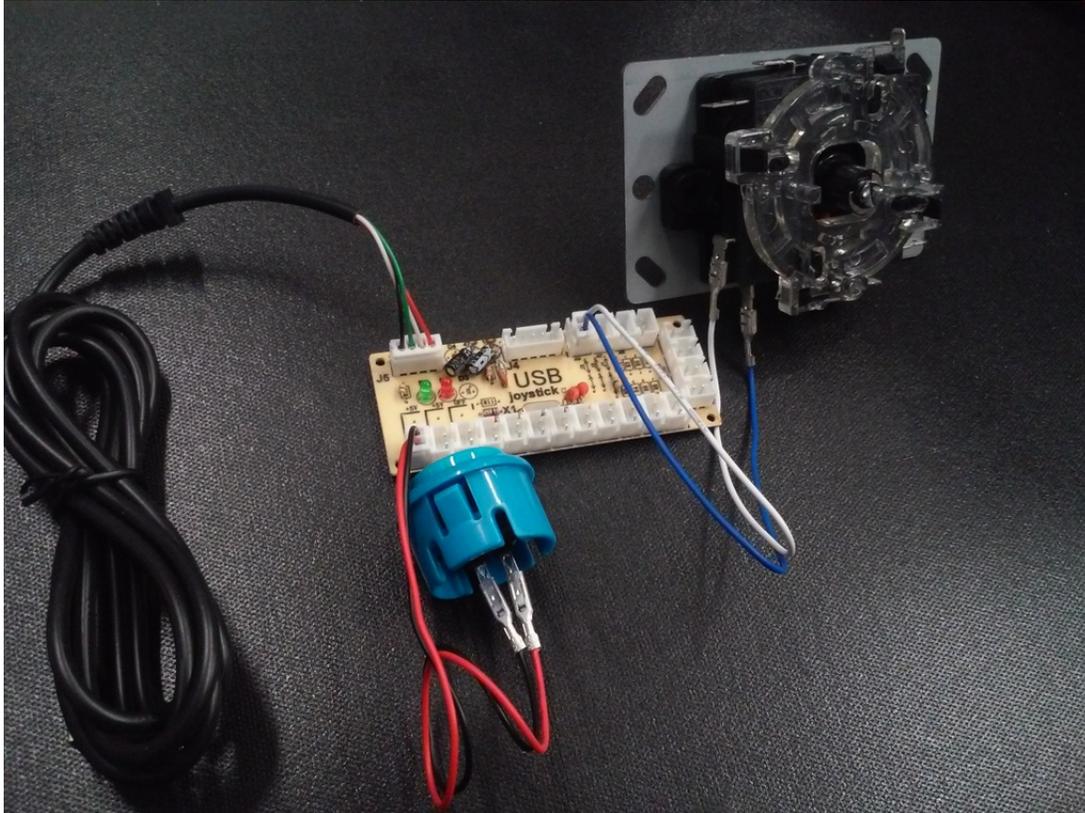
After wiring all components to the board, plug the USB cable into a PC. When first connected, drivers will be installed. Be sure to wait for drivers to be installed before proceeding. The green icon shown below should go away once install is complete.
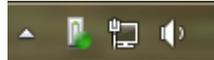
If you click on the green icon the following image is what it will look like once the driver is installed correctly.
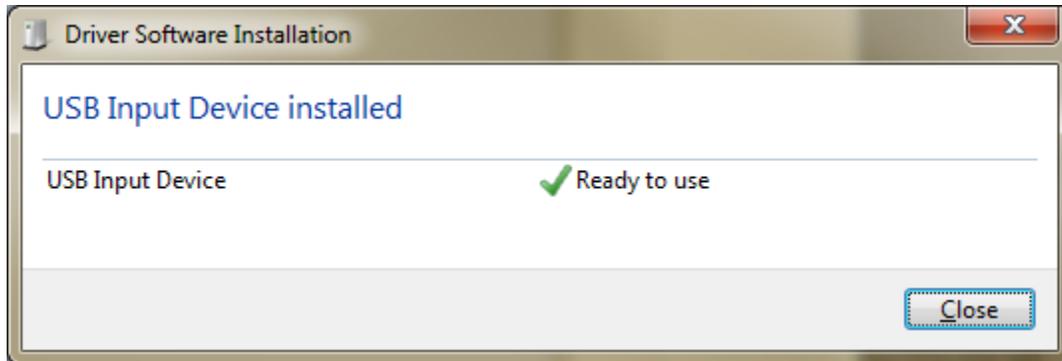
Once the driver has been installed, open up "Devices and Printers". There will be several devices listed. Right click on the Generic USB Joystick.
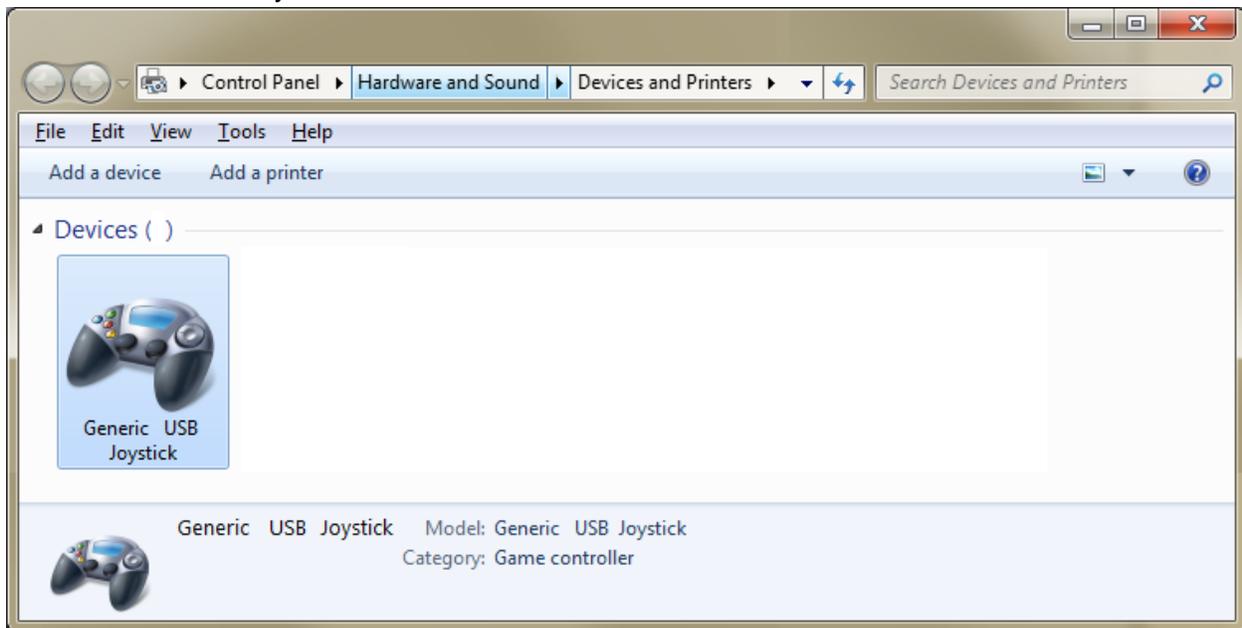
Select "Game controller settings"
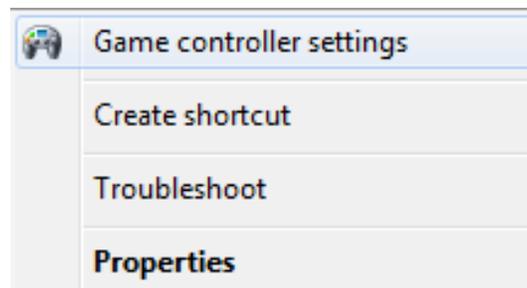
Select "Properties"
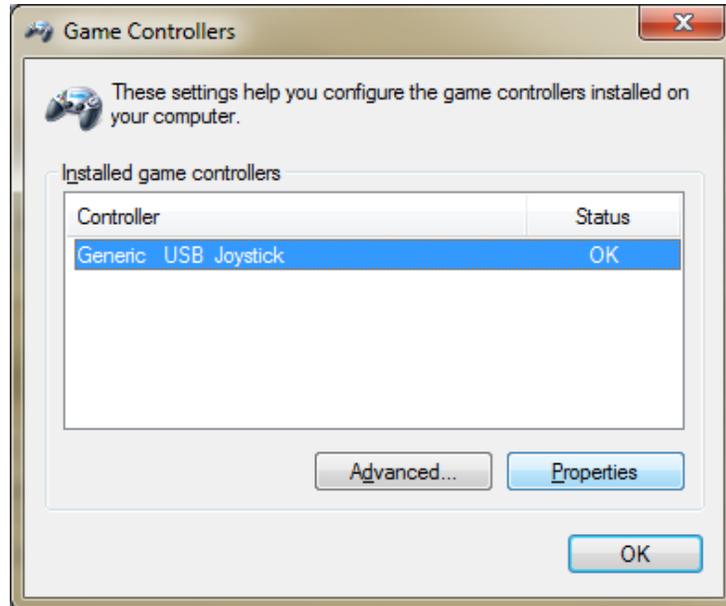
The following image is what it should look like with no buttons pressed.
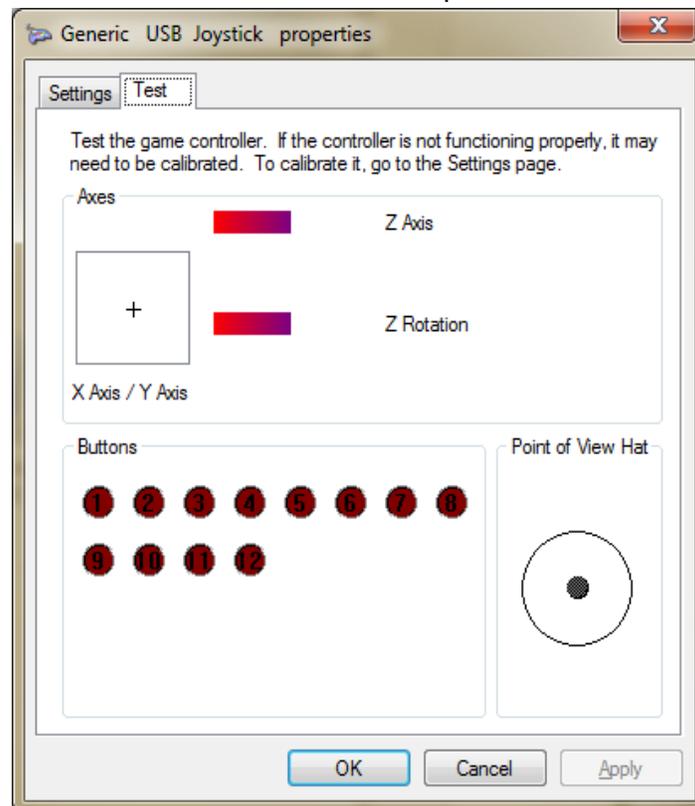
When you press button one and move the joystick, the window should look like this. You can press other buttons and change the directions of the joystick to verify all inputs work correctly.
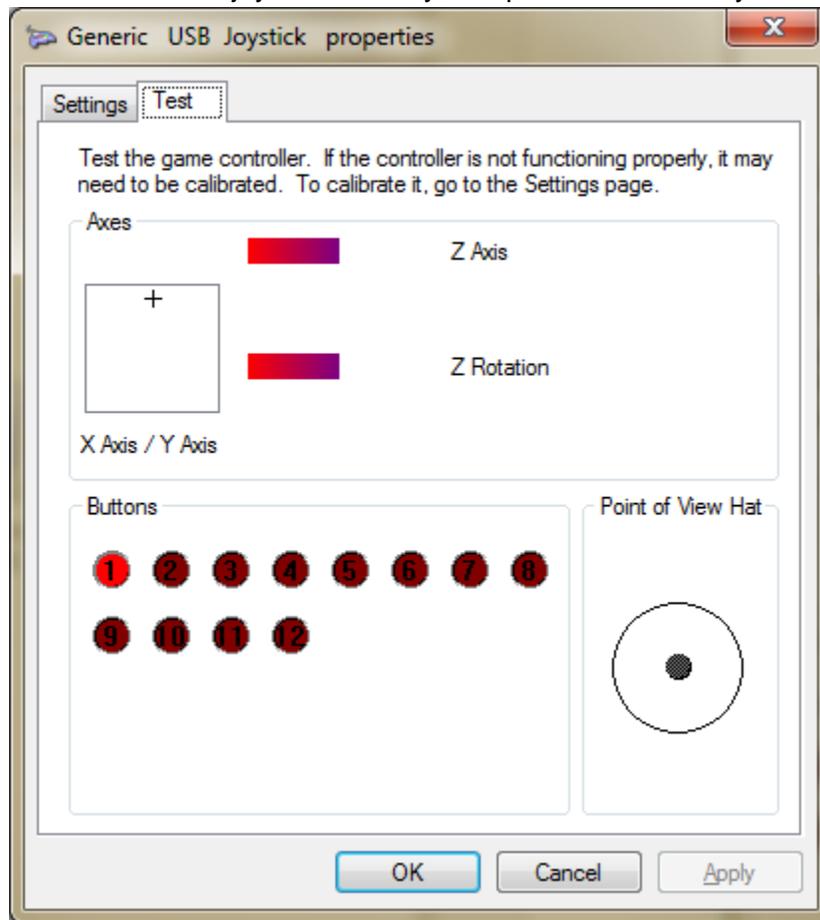
Open up the Driver Station app and select the USB tab. When you press button 1 and move the joystick, you should see the following (Using version 17.0a11)
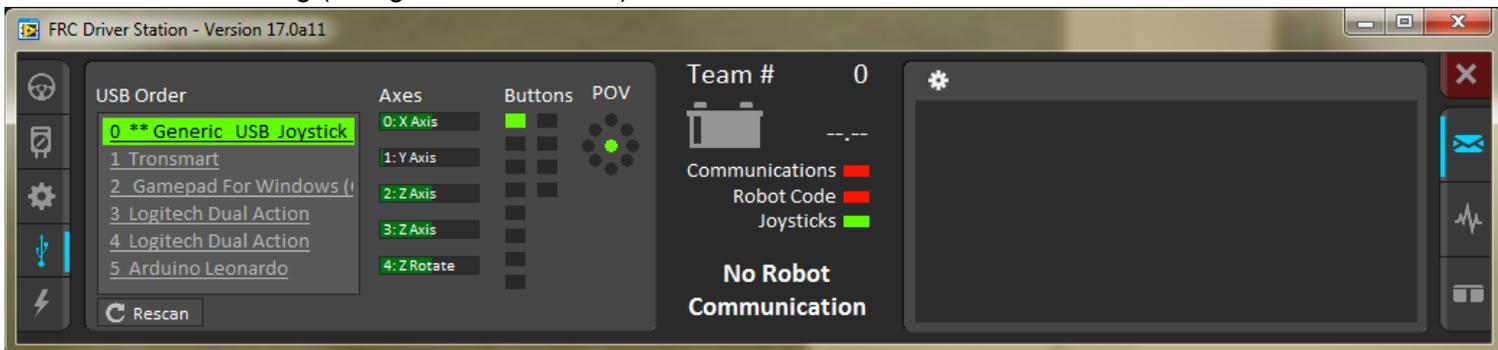
For drill guide, please go to the product page and click the Downloads tab.