



Congratulations on your purchase of the GP-Wiz49 MAX™ with DRS Technology The most feature packed, USB-compatible, 49-way Joystick interfaces available today....and the best value!

Mounting:

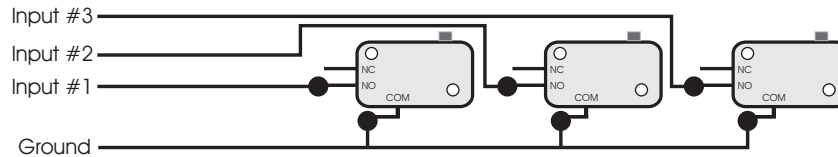
Mounting standoffs are recommended, but not necessary. You need only ensure that the bottom of the PCB is not in contact with any conductive materials and that the heads of your fasteners are small enough that they do not make contact with any components on the PCB.

Screw Terminals

The "MAX" version provides for simple wire connection to the PCB through the use of "screw terminal blocks." To connect your wires, simply strip approximately 1/4" or less of insulation from one end of your wire, insert the bare end into the terminal associated with the desired input for your control, and tighten the screw with a small philips head screwdriver. Do not over tighten, but be sure that the wire cannot be pulled from the connector by giving it a firm tug after tightening. Also be sure that no strands of wire are outside of the terminal that might cause a short circuit to adjacent connections.

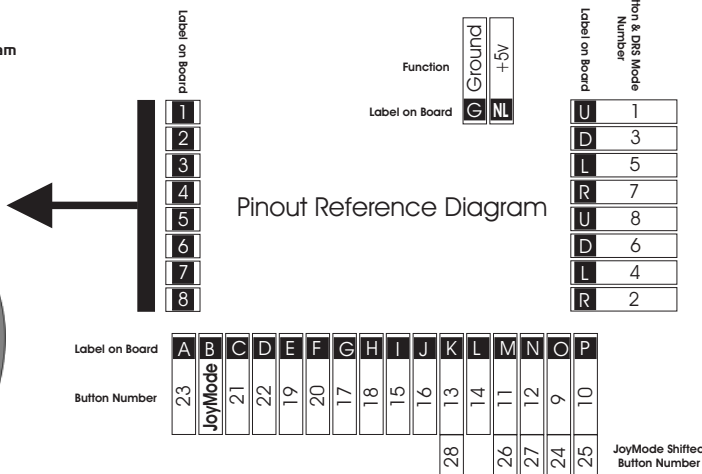
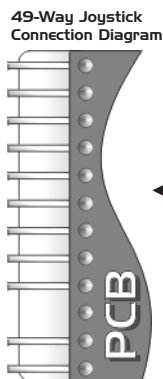
Button Switch Connections:

The first thing you should do is connect a wire from one of the ground terminals to the first switch in your chain. Then connect a wire from the same switch terminal you hooked the first one to, to one of the terminals of an adjacent switch. Repeat this until all switches are connected together with the ground wire, or "daisy-chained." After that, connect the normally open contact of your switch to the desired input on the GP-Wiz49. Do this for the switches on all controls you wish to use. Refer to the diagram below for an example. **Note:** To take full advantage of the capabilities of this interface, your panel will require a dedicated JoyMode Button, and a button for each of the DRS modes you intend to use. These can be used as primary action buttons (preferred) or dedicated solely to switching the joystick modes.



When all wiring is complete, plug the B side of the USB cable into the GP-Wiz and the A side into a USB connector on your computer. If this is the first time you have installed a USB HID device, you may need the install disc for your OS. Follow the prompts on the screen, if any are presented to you. After the proper drivers are installed, you should be able to insert or unplug the unit without needing to go through these steps again. The "Gaming Options" dialogue for your OS should report the unit as available for use. The joystick portion should require no calibration, but if it does not appear to be centered, the calibration routine should be run and the instructions followed per your OS's requirements. Your controls should now be functional and can be tested through the controller dialogues in the OS. **Note: The 49-Way Joystick MUST be mounted with its pin connector to the left when viewed from above.**

GP-Wiz49 Connection	Pin Name
NL	+5v
2	YA
7	YB
1	YC
8	YD
4	XA
5	XB
3	XC
6	XD
G	GROUND
G	GROUND



OPERATION:

Pressing The JoyMode Button together with buttons 1 - 8 selects the DRS Joystick mode of the corresponding number as shown on the chart below.

Pressing the JoyMode button with buttons 9 - 13 will generate a button press of the higher numbered button shown on the diagram to the left.

This can be used to make up to 5 buttons perform a dual purpose on a control panel.

