

## IntuiSwitch-H™ v2.0 Wiring

Cable from the v2.0 IntuiSwitch-H™ control. The green sleeve near the connector on the cable marks this as a -H (hybrid) version of the IntuiSwitch control.

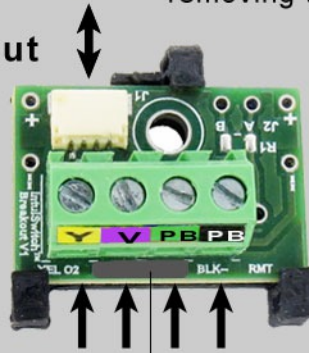


The cable plugs into the white connector on the breakout board. Orient the cable so the black wire (or black stripe on the sleeve) is nearest the large hole in the breakout board.

Keep the cable parallel to the breakout board when inserting or removing the cable.

### Breakout Board

Input at the yellow and violet terminals drives the route status LEDs



Pressing the button on the IntuiSwitch-H control completes a connection between the green and black terminals.

Input Polarity	Indicates
Violet +, Yellow -	Main route
Violet -, Yellow +	Diverse route.

Current through the LEDs must be limited to 15 ma. This can be accomplished with a 1K resistor in series with 12V status outputs, or a 240 ohm resistor in series with 5V outputs.

Connect wires from the green and black terminals across the switch input of the JMRI/DCC controller.

For more wiring details, visit [www.intuiswitch.com/support](http://www.intuiswitch.com/support), or email [info@intuiswitch.com](mailto:info@intuiswitch.com).

**Caution: Connecting a power supply directly to either set of terminals without a current limiting resistor can damage the IntuiSwitch-H. Never plug an IntuiSwitch-H into a breakout board wired for a standard IntuiSwitch.**