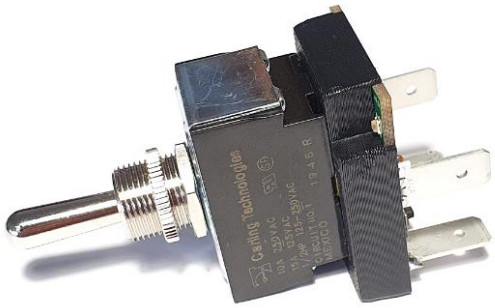
WigWag Switch

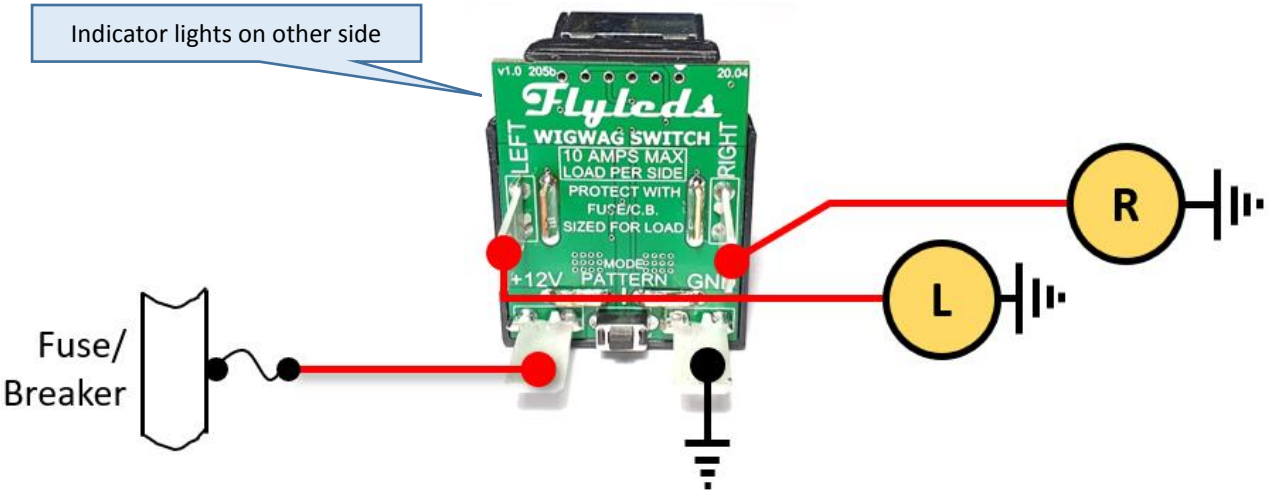


The Flyleds WigWag Switch is capable of switching 12 volt loads at a maximum of 10 amps per output.

Making Connections

The WigWag Switch has standard ¼" spade or quick-connect tabs. Only four connections need to be made:

- **Power** from a 12 volt source **via a suitable circuit breaker or fuse rated for your loads.**
- **Left** landing light
- **Right** landing light
- Local **Ground**. This connection only carries 1mA of current used by the circuitry within the switch and not the load current, so a 22AWG (or 20 or 18…) wire can be used.

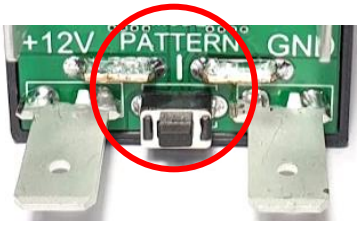


The landing lights can be grounded locally at each light. If you are switching Flyleds lights we recommend it! There is no requirement to connect the landing light grounds to the same ground as the switch ground.

The switch may be set to operate in one of two ways, depending on your preference:

OFF-**ON**-**WIGWAG** or OFF-**WIGWAG**-**ON** (down-middle-up)

To change the mode of operation:



Begin with the switch connected to power and turned **off**.

- Press and hold the MODE/PATTERN button.
- Move the switch to where you would like the WigWag setting to be, ie the middle or upper position.
- Release the button.

The two on board indicator LEDs and your lights will briefly flash in response, and then begin to flash the selected wigwag pattern.
The switch position is stored in memory and will remain set that way forever, or until you change it again!

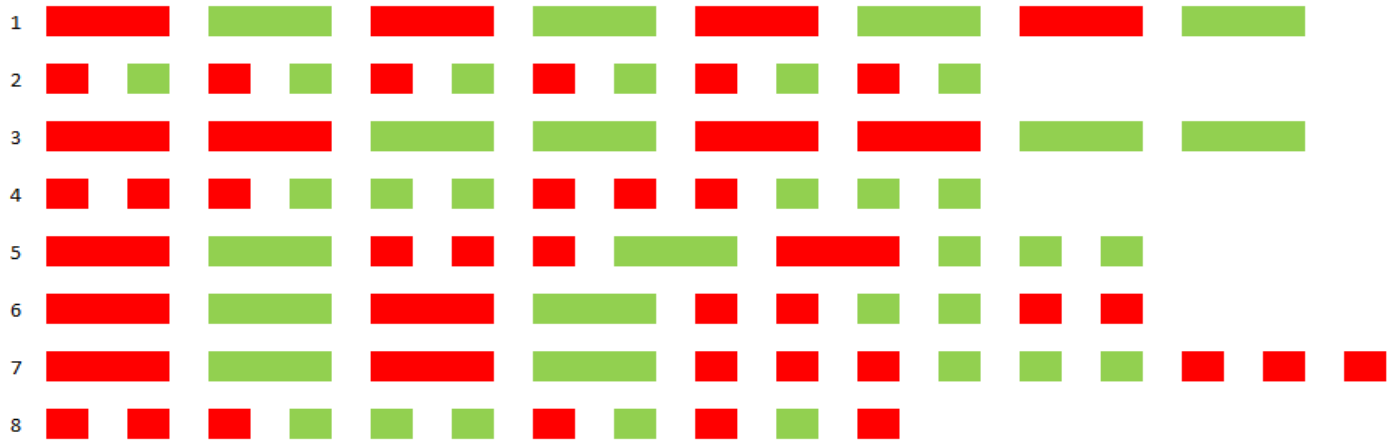
To change the WigWag pattern:

Set the switch to WigWag the lights.

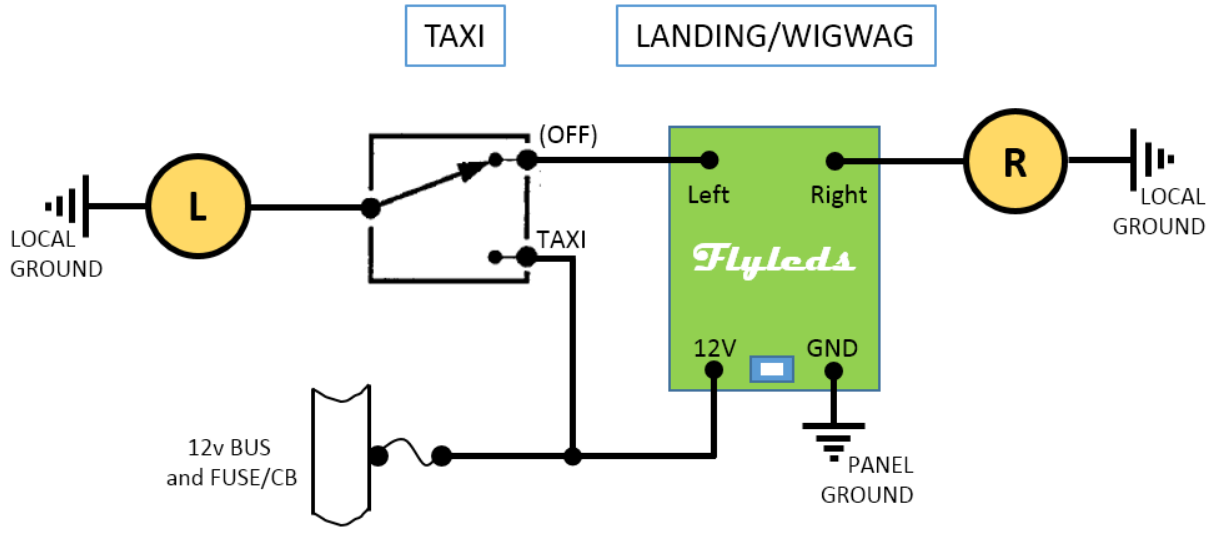
- Press the PATTERN button until the indicator LEDs and your landing lights stop flashing.
- Release the button.
- Both lights will flash briefly from 1 to 8 times, indicating the pattern number selected, and then the lights will begin to flash the selected WigWag sequence.
- Press the button and repeat until you find a pattern you like!

The selected pattern is permanently stored in memory and the switch will begin to flash this pattern immediately every time the switch is turned to WigWag.

The dots and dashes below represent the left and right outputs and flash duration.



A customer with a tail dragger aircraft wanted a separate Taxi switch for one light. Rather than adding diodes (with their extra wiring complexity, and heat and voltage losses), the Taxi switch connects a single light directly to 12v power, bypassing the WigWag Switch.
With the Taxi switch in the Off position the Flyleds Landing/Wigwag switch operates both lights.
Note that the Taxi switch needs to be a SPDT "double throw" or three terminal switch.



Thank you for your purchase! Assistance is available via email at info@Flyleds.com.