

# Extreme Pushbutton

Manual version 1.0



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**Introduction**

The Extreme Pushbutton is a very sturdy button that can take all kinds of abuse from the public. At about 1 inch diameter, it is a nice size that is easy to see and easy to operate. It is plenty long and able to mount in deep panels over 1 inch thick.

Currently available in 8 colors to compliment most graphic motifs:

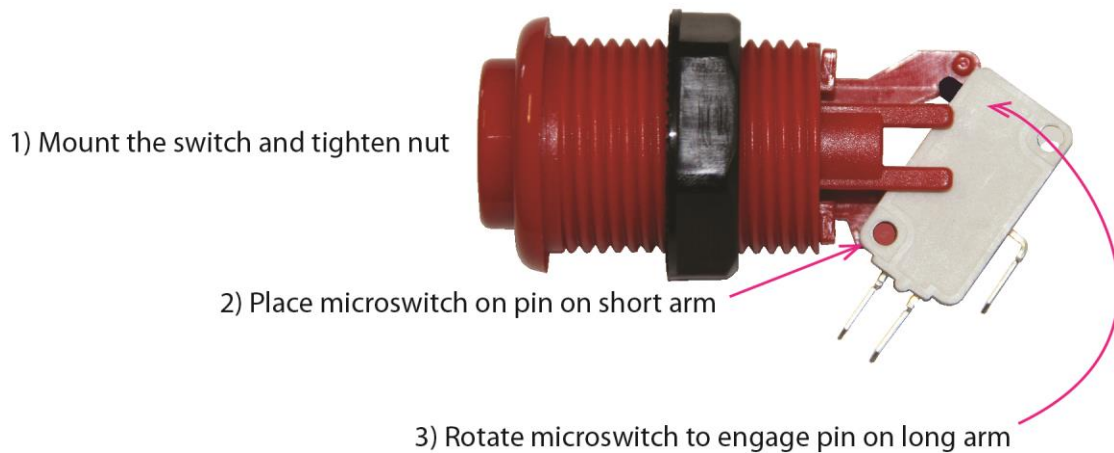
Black, red, orange, yellow, green, blue, violet and white.

Black and white are the most popular colors.

### Mounting

The Extreme Pushbutton can be mounted in a panel from zero to just over an inch thick. It requires a 1.125 inch hole. (That is  $1\frac{1}{8}$  inch or 29mm) Measuring from the top surface of your panel, you will need about 2.5 inch deep clearance for the switch.

#### Extreme Pushbutton Assembly



### Wiring

#### If wiring direct to the Sprite:

Use the 2 bottom terminals of the switch as shown below.  
Set the Sprite to one of the “Trigger LOW” options.

#### If wiring to the 8X78:

Use the bottom 2 terminals and follow the directions for the 8X78.

#### Single pushbutton wiring to the Sprite



You can attach the 2 wires to the Extreme Pushbutton in a few different ways.

You can use .187 “push-on” terminals available at any hardware or electronics store. You can crimp them with a special crimp tool, use a small hammer and punch to secure the wire, or solder the wire to the push-on terminal.

You can also solder the wires directly to the switch. This is how we prefer to do it as there are fewer parts and less chance for bad connections and problems later.

Any wire size is ok to use. Just keep in mind the really small wires can break easier and the big sizes may not fit into the terminals. Size 22 AWG to 26 AWG are good choices. Multi-stranded wire is more flexible and less likely to break due to vibration or moving, while solid single-core wire may be less expensive.

## Support

Team Kingsley LLC  
[support@TeamKingsley.com](mailto:support@TeamKingsley.com)  
618-797-9951 x300

## Custom Orders

We offer value added options such as:  
Adding wire in various lengths  
Adding the plug for the Sprite IO port  
Installing in a plastic enclosure  
Sealing for outdoor applications

Contact sales for a custom quote.  
[sales@teamkingsley.com](mailto:sales@teamkingsley.com)