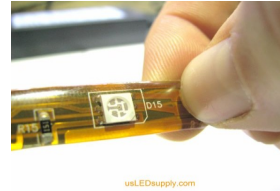


How to Connect our IR RGB controller to our RGB flex strip

Solder Connection

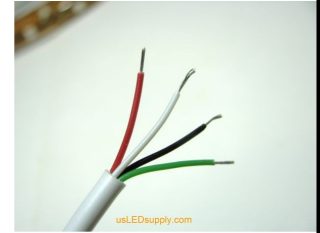
Step #1: Remove about a ¼” of the waterproof coating from the end of the strip. You may use your fingernail (if you use a knife be very careful not to cut through the circuit board). For best results, clean the contacts with fine sandpaper or a wire brush.



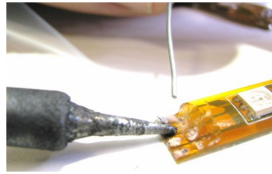
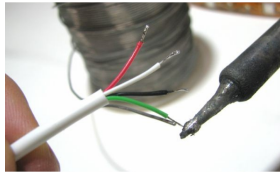
Step #2: If using our IR RGB controller:

- Cut the plug off the controller
- Strip the casing approximately 3/4”
- Strip each small wire 1/8”

For added protection, put a 1” long piece of heat shrink tubing over the wire (So that when you are finished you can position it over the connection).

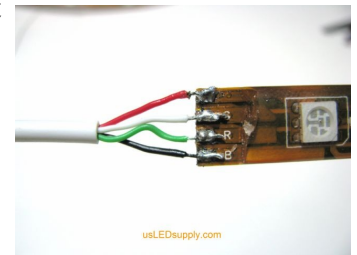


Step #3: With a hot, clean soldering iron, use Rosin-Core solder to pre-tin the solder pads and stripped wires with solder. It won't take long to heat the strip so be quick!



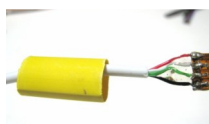
Step #4: Match up the wires to the pads on the end of the strip, making sure that the wire colors match the code letters as indicated by the label on the specific controller being used. The following example is for our 3A 24key IR controller:

- Red wire=(+) may not be marked on strip
- White wire= (G) on strip
- Green wire= (R) on strip
- Black wire= (B) on strip



Step #5: With a little excess solder on the gun, touch the pad and the wire at the same time, soldering them together. Add more solder if needed. Repeat process for the remaining three pads/wires.

Step #6: Cover connection with hot melt glue and/or heat shrink tubing for extra protection. Be careful not to burn yourself!



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