

MARINE GRADE UNIVERSAL RGB LED STRIP - 5 METERS

The SPXRGB5 light strip can be cut every 2 inches and installed with 3M peel-and-stick adhesive backing. The light strip operates within an 11-14.8 VDC range and can be used stand alone for basic solid colors or with the Stinger SPXRGB5 RGB Controller for multiple color-changing options and lighting effects.

Basic Wiring

1. Cut light strip to length at solder pads indicated by the scissor icon and line. Fig A
2. Remove rubber coating and adhesive from the front and back of the solder pads.
3. If using a RGB controller, solder the 4 control wires (FIG.B). For a solid color, refer to the table below and solder appropriate wires.

SPECIFICATIONS

- 5 Meters / 16.4 Feet
- 60 5050 LEDs per meter
- Voltage: 11-14.8 VDC,
- Current Draw: 1.2A per meter

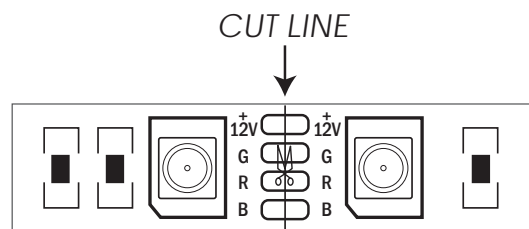


FIG. A

LED COLOR	WIRE CONNECTIONS
RED	+12V to 12V Positive R to Ground
GREEN	+12V to 12V Positive G to Ground
BLUE	+12V to 12V Positive B to Ground
YELLOW	+12V to 12V Positive R and G to Ground
PURPLE	+12V to 12V Positive R and B to Ground
AQUA	+12V to 12V Positive B and G to Ground
WHITE	+12V to 12V Positive R, G and B to Ground

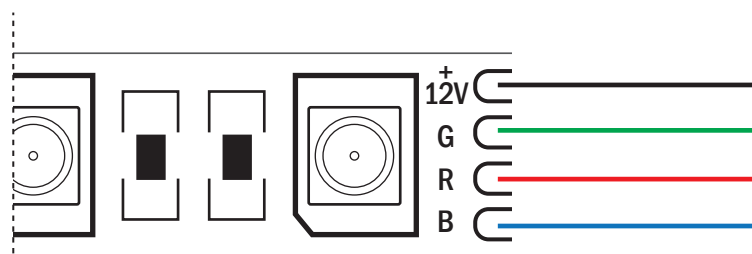
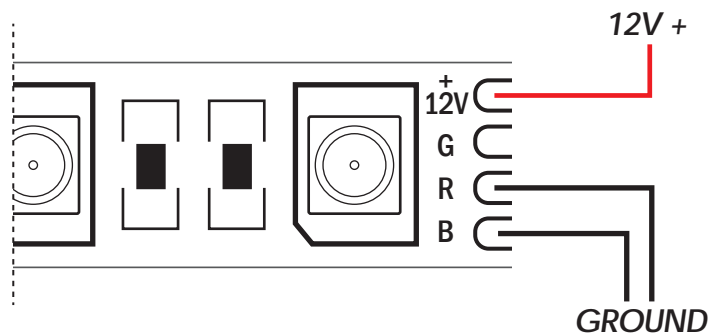


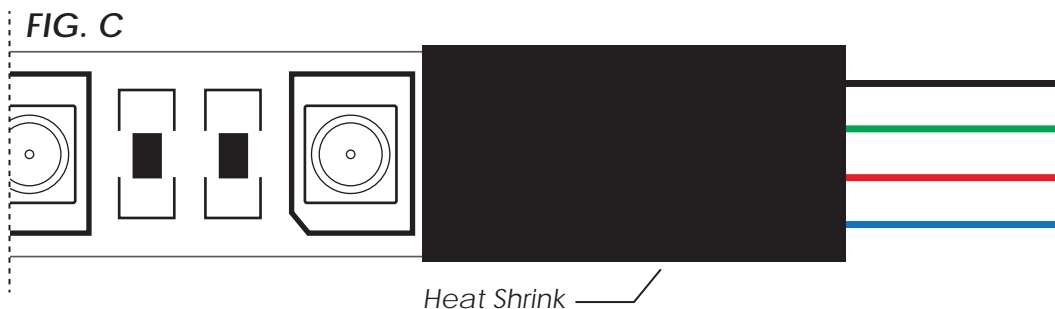
FIG. B



Example:
Connecting LED strip +12V to Power and connecting R and B to Ground will illuminate Purple.

MARINE GRADE UNIVERSAL RGB LED STRIP - 5 METERS

4. When soldering, tin both the wire and the LED solder pad for best results. After wire connections are made, insulate with heat shrink. (FIG. C)



5. If wiring direct, without a controller, you must fuse the +12V power source with a fuse. 3 to 5 amp fuse recommended.

OPTIONAL ACCESSORIES

