




12V CHASING RGB LED STRIP LIGHT INSTRUCTIONS


CUTTING INTERVALS:

The length of your 12V LED strip light is customizable and may be cut to size in specific intervals only. Can't find the mark? For more info on cutting intervals please contact your supplier.

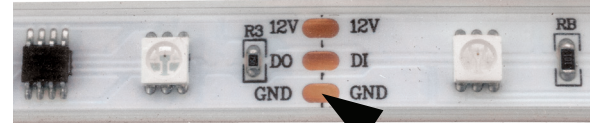
 Never attempt to cut or install other accessories while LED strip lights are plugged in to a power source.

1 Using the cutting interval length, measure from the end of your strip light and you will find copper pads (with or without a dotted cut line) that indicates where it is safe to make your cut.

2 Use scissors or a knife to make a perpendicular cut in the center of the copper pads or along the cut mark (if applicable).

 **WARNING:** When using strip lighting outdoors, waterproof PVC or silicone is required to seal all connections, power cords, and end caps. NOTE the use of any non-recommended sealant e.g. electrical tape, may result in a strip light or strip light accessory failure and will void the warranty.

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Opening IP22 Snap Connector: gently pull snap side opening outwards over the ridge to open. To close apply pressure to top of connector on the opening side until the opening tab snaps in place.

USING IP22 SNAP CONNECTOR:

- 1** Cut strip light at the cut mark using the "Cutting Interval" instructions on pg. 1
- 2** Peel back/remove enough to plastic coating to accommodate the connector.
- 3** Insert strip light under the two tabs so that they make contact with the copper pads.
- 4** Close the connector ensuring that it is snapped closed and the strip light is secure.
- 5** Apply shrink tubing to all connections (optional).

HINGE



SNAP SIDE OPENING

3



4



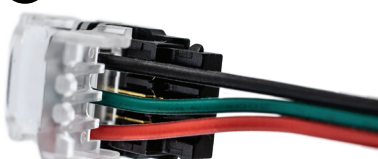
USING 3-WIRE HIPPO CONNECTOR:

- 1** Cut strip light at the cut mark using the "Cutting Interval" instructions on pg. 1
- 2** Peel back/remove enough to plastic coating to accommodate the connector.
- 3** Insert strip light into the connector so that the connector teeth will insert into the bottom of the strip light copper pads.
- 4** Insert the wires into the slots on the connector, ensuring that the wire color corresponds with the correct strip light pad.
- 5** Close the connector ensuring that it is snapped closed and the strip light is secure.
- 6** Apply shrink tubing to all connections (optional).

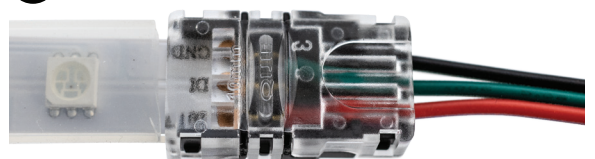
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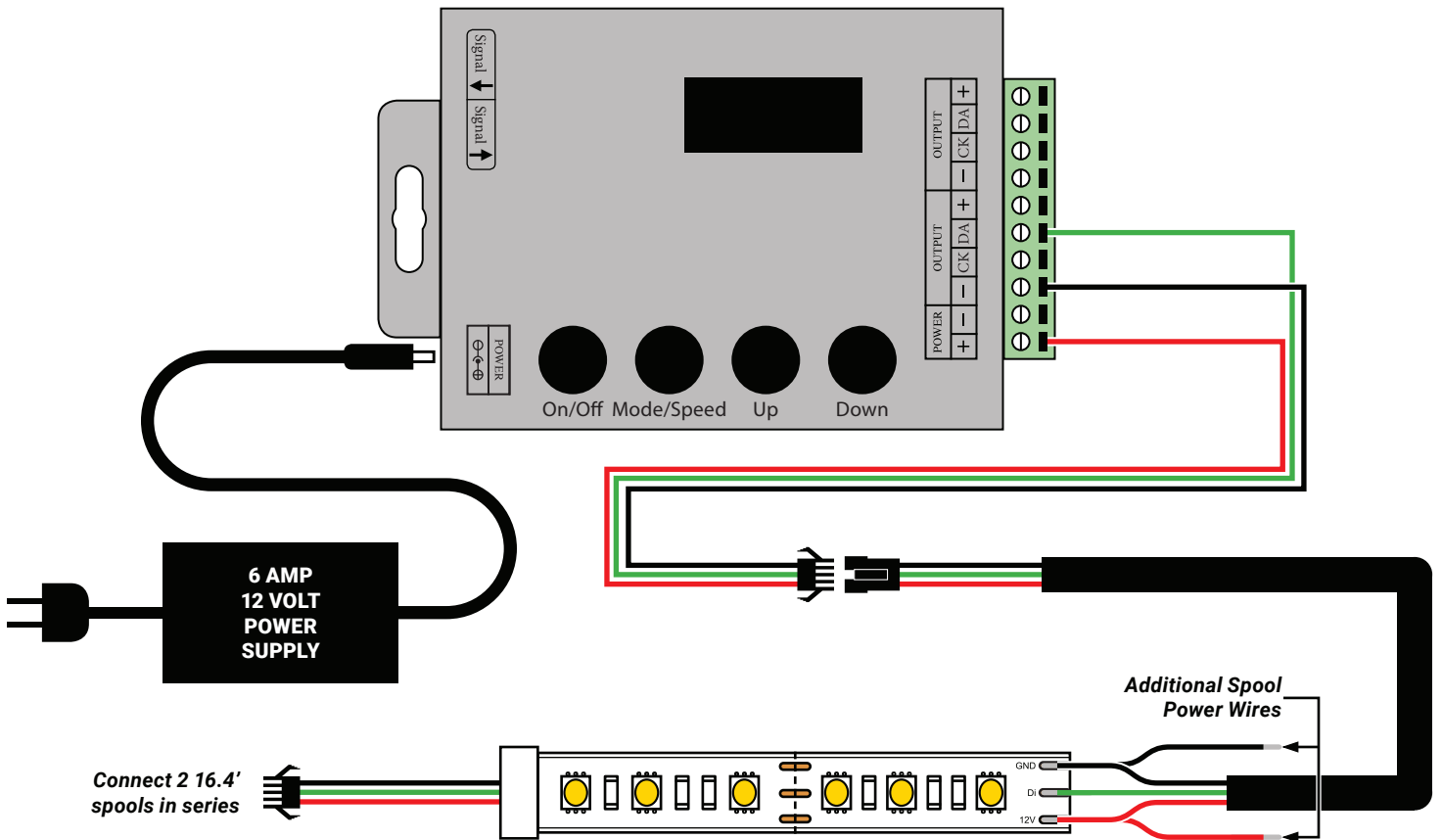


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 **WARNING:** LED lights produce excessive heat operating while spooled. Fully unspool all LED lights before operation. Failure to do so may result in damage to the lighting and or property.

12V CHASING RGB LED STRIP LIGHT CONTROLLER INSTRUCTIONS



Controller Wiring Directions:

While the controller is unpowered, connect the RGB Chasing Strip light to the controller using solder point wiring to the corresponding controller terminals:

12V will use the **RED** wire to connect to POWER +
Din will use the **GREEN** wire to connect to OUTPUT DA
GND will use the **BLACK** wire to connect to OUTPUT -

Using 3-Wire Connectors

12V will use the **BROWN** wire to connect to POWER +
Din will use the **YELLOW** wire to connect to OUTPUT DA
GND will use the **WHITE** wire to connect to OUTPUT -

Connect your 12 Volt power supply to the controller.

Controller Link Directions:

Multiple RGB chasing strip light controllers can be linked together using an ethernet cable. Simply determine which controller will be the master and insert the ethernet cable in the **SIGNAL OUT** slot and attach the opposite end of the cable into the **SIGNAL IN** slot on the slave controller. To adjust mode, speed, or lighted length use the included remote or the buttons on the master controller.

For more information please contact us at:
406-586-5970 or visit www.birdogdistributing.com

Adjusting the Lighted Length:

The lighted length of the strip light can be adjusted to the overall length of the chasing strip lights. While the controller is off simultaneously press the **UP** and **DOWN** buttons. To make the lighted length longer use the **UP** button and to shorten the length use the **DOWN** button.

Connecting Multiple Spools:

Two 16.4 ft. spools can be directly connected in series with a single 6 amp power supply and chasing controller. To connect additional spools (up to 130) you will need to add an additional power supply e.g. to connect 3 spools, the first 2 spools would be wired as shown, the 3rd spool would be connected to the end of the 2nd, but a power supply would need to be connected to the additional spool power wires shown on the diagram. To connect 6 spools, all the strip light spools would be connected together and additional power supplies would need to be connected at the 3rd and 5th spools.