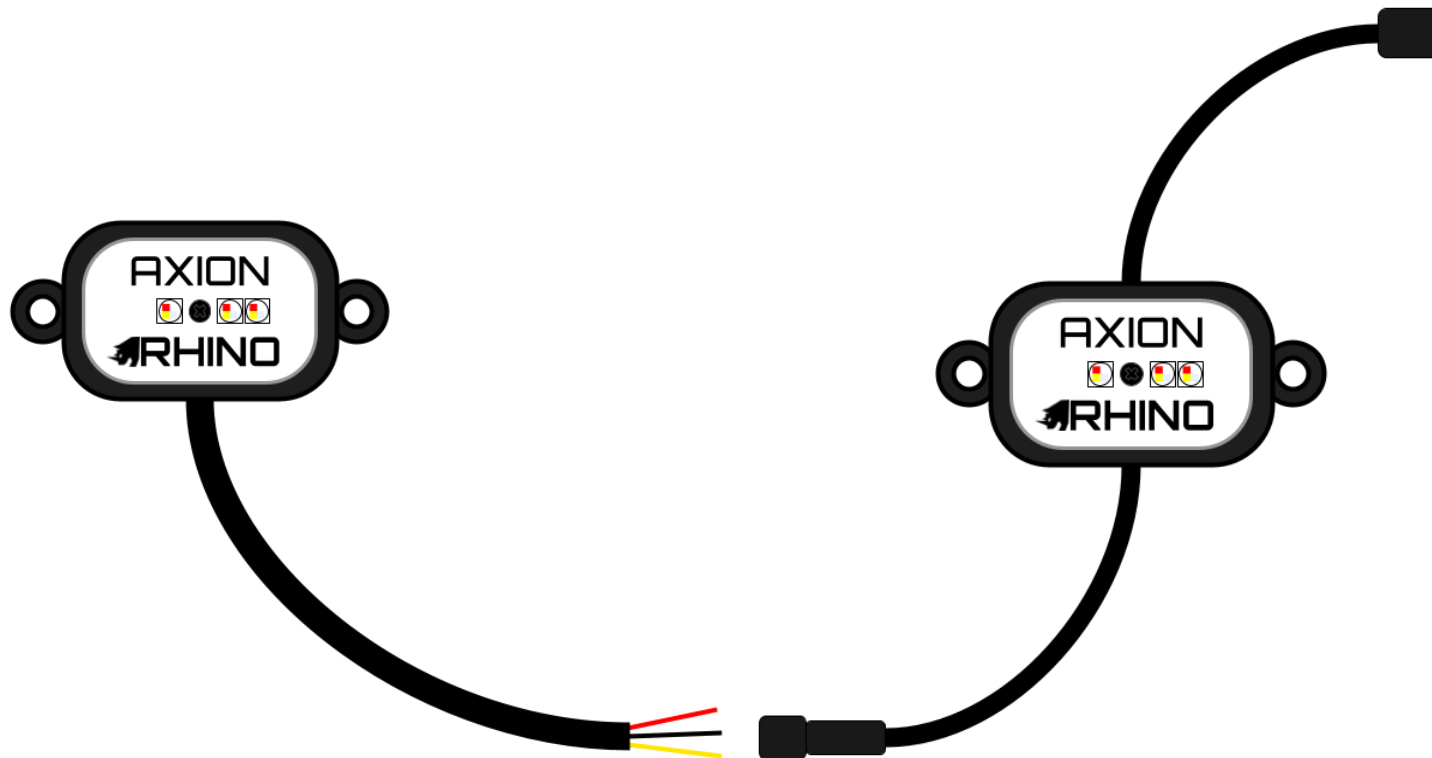


# AXION RGB+W INSTALL GUIDE

**!!! READ BEFORE INSTALLATION !!!**

**FAILURE TO FOLLOW THE INSTRUCTIONS CAN RESULT IN DAMAGE TO  
THE PRODUCT AND VOIDING OF WARRANTY**

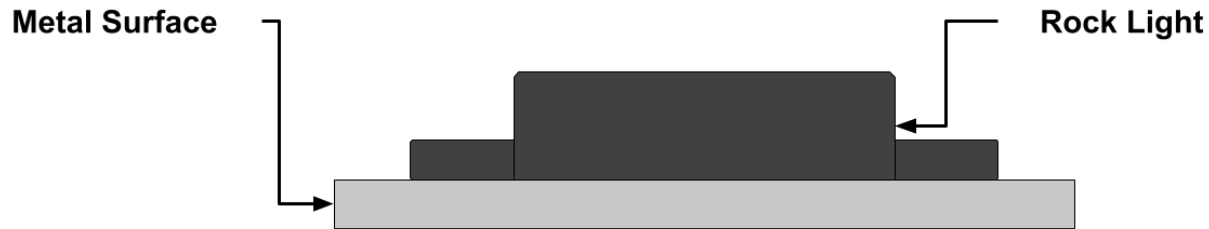
Read all instructions before installing the product. For detailed instructions and videos, visit  
<https://rhinoledlights.com/pages/help/install>



# !! CAUTION !!

**AXION RGB+W** rock lights, when run on the highest brightness settings, can become **HOT** during prolonged use.

Mount the lights onto solid **METAL SURFACES ONLY**.



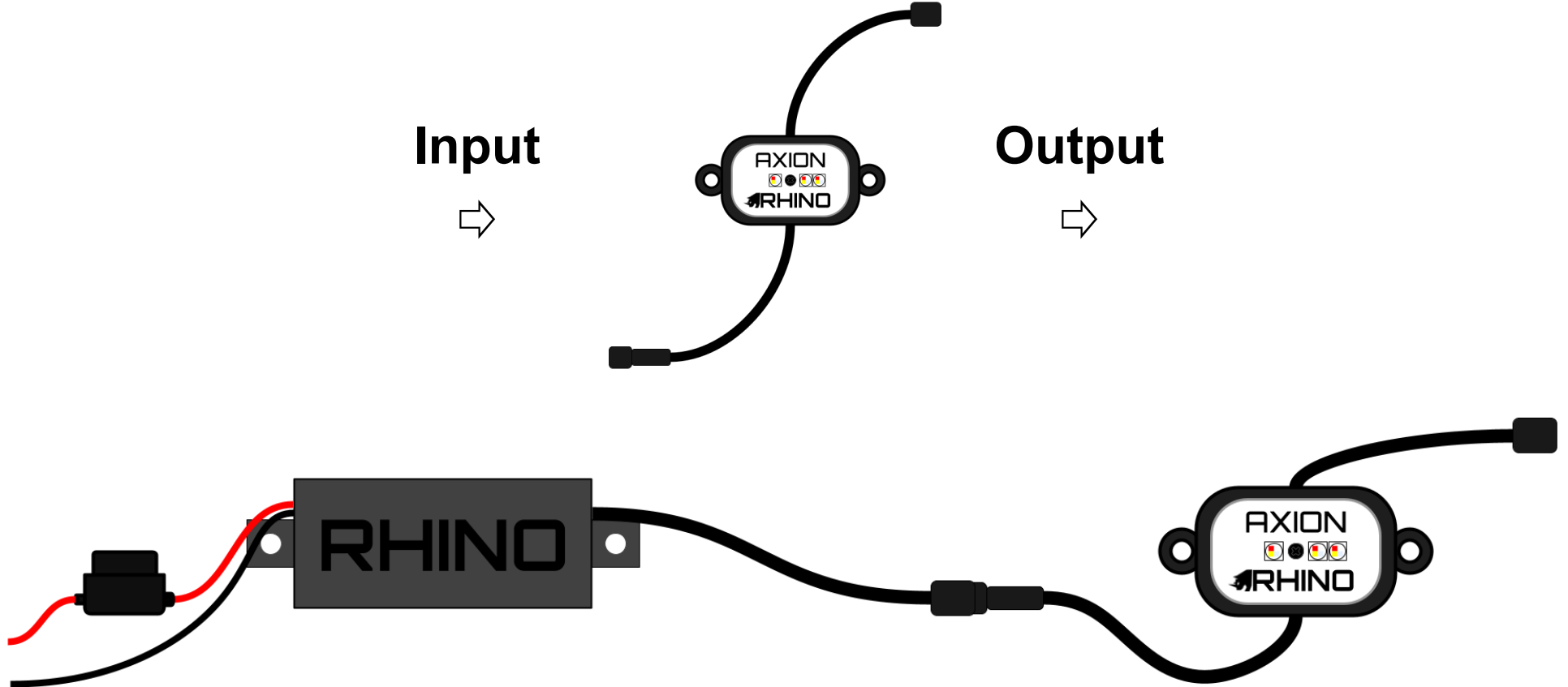
Brackets, both flat and angled,  
are available for purchase:



Magnetic mounts are also  
available at:



## CONTROLLER + RGB+W

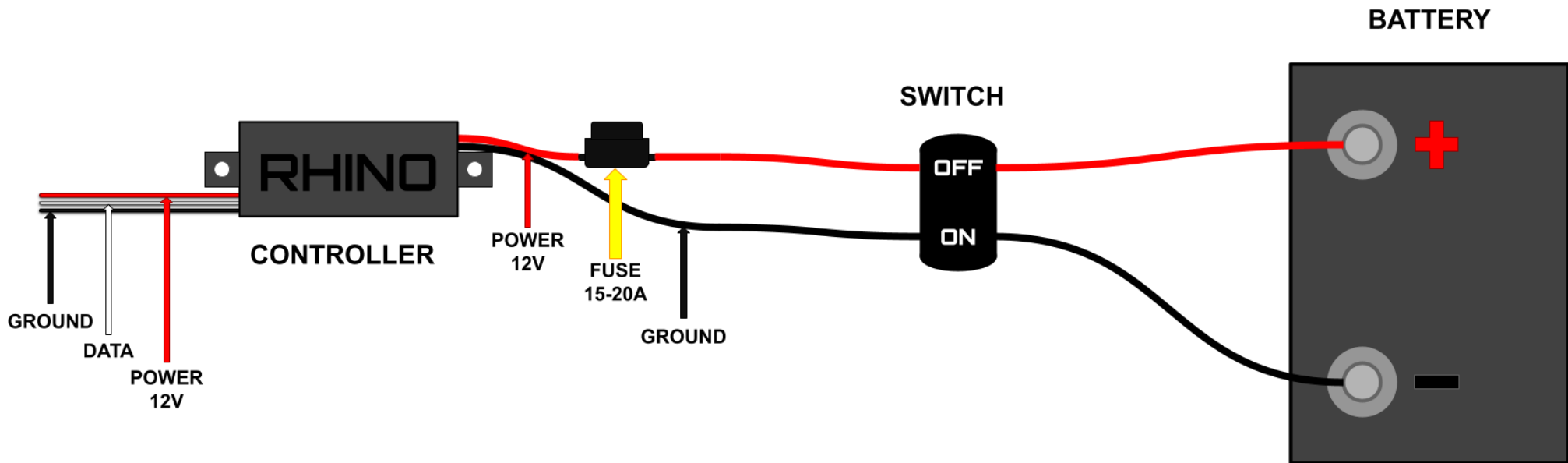


## CONTROLLER SETTINGS:

The bluetooth controller is managed with the LED Chord app.

The LED driver for AXION lights should be set to:

**RGB TM1814**



For turning a controller on and off, use a single pole, single throw switch (SPST).

### **Basic wiring instructions:**

Connect a ground wire between the black wire from the controller to the switch ground pin then to the negative lead of your battery or power supply.

Connect the red fuse wire from the controller to the outgoing power on the switch. Run a wire from the incoming power on the switch to the positive lead of your battery or power supply.

**Note: Switch pinouts may differ between different brands and manufacturers, follow manufacturers' instructions for your specific switches when wiring and connecting them.**

## **PLEASE NOTE:**

**RGB, RGB+W, rock lights/whips/halos, and Diamond Duo rock lights cannot be intermixed.**

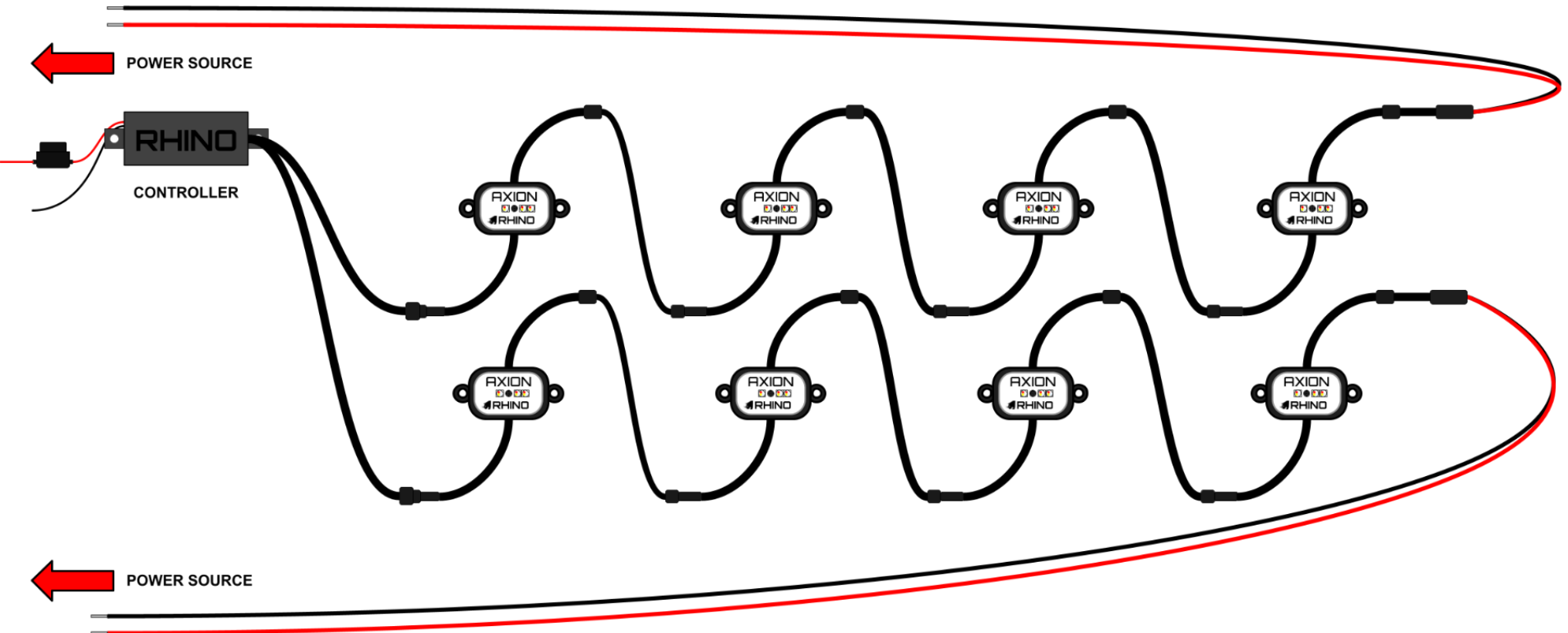
**Do not install wires in places they can become pinched or be stepped on.**

**Check the condition of all rock lights, wires, solder joints, and connections periodically for any damage. Damaged wires can lead to electrical shorts and arcing.**

**For safety, solder all ground wires and connections first, before working with any voltage-bearing wires. Be sure to keep any open wires away from each other when power is connected. If not using any wires with raw ends, it is highly recommended that you cap the ends of the wires to prevent any accidental risk of shorting the wires.**

# DAISY-CHAINED RGB+W

When daisy-chaining AXION lights together, the current max number recommended per chain is **4**.



## To prevent voltage drop:

The 4th light will have a short cable with singular red and black wires. Connect those with wire of the appropriate gauge to the positive and negative terminals, respectively, of your power source.