

4 ROCK LIGHT RGBW LED KIT

Before you start, review directions completely.
If your vehicle is not pre-wired for external lighting, you may need the following:

- In-line Fuse Holder (SPXATC16 or similar)
 - 3 Amp Fuse
 - 2 Strand Primary Wire
 - Wire Connectors / Solder
 - Wire Cover
 - Zip-Ties
- Optional:**
- Switch
 - Relay

MOUNTING THE LED PODS

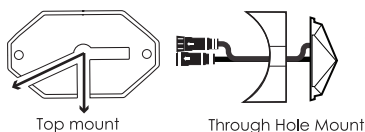
1. Determine a location for the RGB module There are 4, 10 ft extensions that can be used if necessary.

2. For correct light pattern flow, mount each pod with the female connector end facing the front of the vehicle.

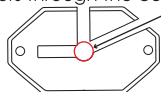
NOTE: The correct light flow starts from the module to each rock light.

Avoid mounting the module in locations that get extremely hot or wet.

3. Mount the LED pods using the Flat or Curved Rubber Mounting pads. Lights should be mounted in a location where they will not come in contact with suspension, tires or road surface.

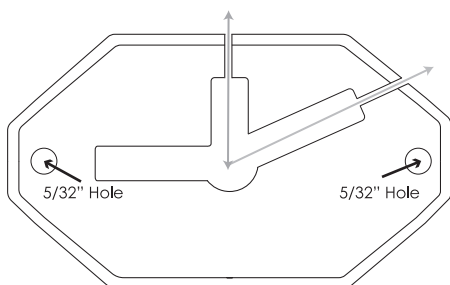


Pass-through both male and female connectors through the center hole

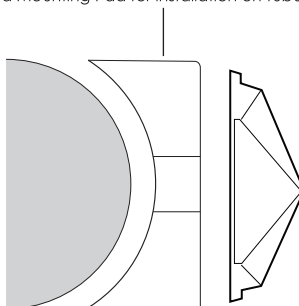


4. Route and connect the light cables to the RGB module in a daisy chain connection pattern making sure to avoid interference with suspension, exhaust or any moving parts .

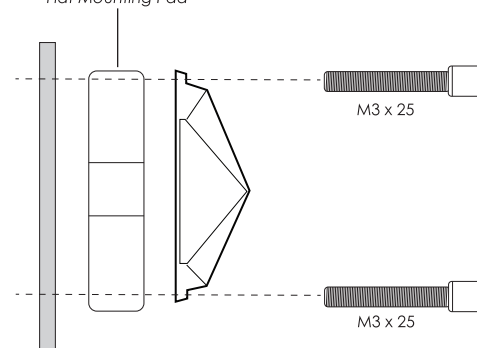
Back of mounting pad has 3 cable routing options



Curved Mounting Pad for installation on tubular frame

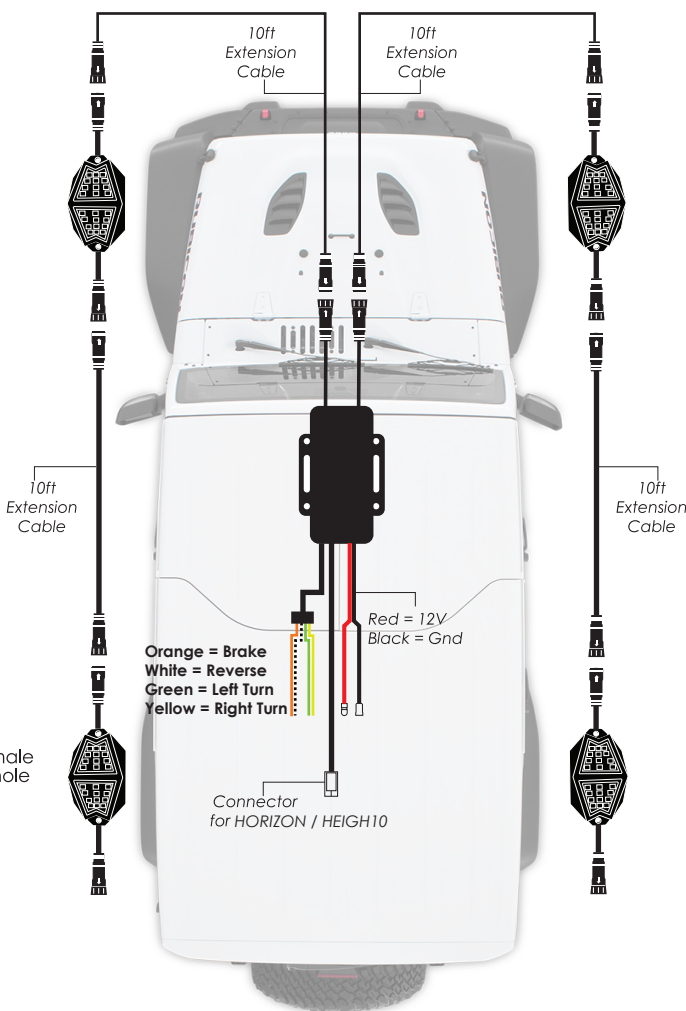


Flat Mounting Pad



WHAT'S INCLUDED

- 4 x SMD LED Pods
- 4 x Pod Extension Cables (10ft)
- 4 x Flat Rubber Mounting Pads
- 4 x Curved Rubber Mounting Pads
- 1 x Bluetooth RGB Control Module with connection for
- 1 x RF Remote Control **HORIZON/HEIGH10**
- 8 x Mounting Screws



8 ROCK LIGHT RGBW LED KIT

Before you start, review directions completely.
If your vehicle is not pre-wired for external lighting, you may need the following:

- In-line Fuse Holder (SPXATC16 or similar)
 - 3 Amp Fuse
 - 2 Strand Primary Wire
 - Wire Connectors / Solder
 - Wire Cover
 - Zip-Ties
- Optional:**
- Switch
 - Relay

WHAT'S INCLUDED

- 8 x SMD LED Pods
- 8 x Pod Extension Cables (10ft)
- 8 x Flat Rubber Mounting Pads
- 8 x Curved Rubber Mounting Pads
- 1 x Bluetooth RGB Control Module with connection for **HORIZON/HEIGH10**
- 1 x RF Remote Control
- 16 x Mounting Screws

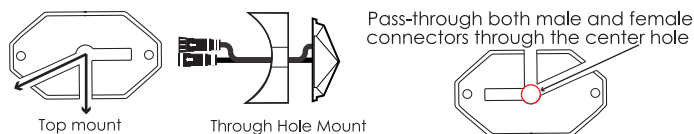
MOUNTING THE LED PODS

1. Determine a location for the RGB module There are eight 10 ft extensions that can be used if necessary.
2. For correct light pattern flow, mount each pod with the female connector end facing the front of the vehicle.

NOTE: The correct light flow starts from the module to each rock light.

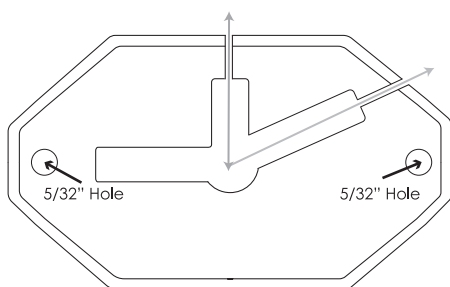
Avoid mounting the module in locations that get extremely hot or wet.

3. Mount the LED pods using the Flat or Curved Rubber Mounting pads. Lights should be mounted in a location where they will not come in contact with suspension, tires or road surface.

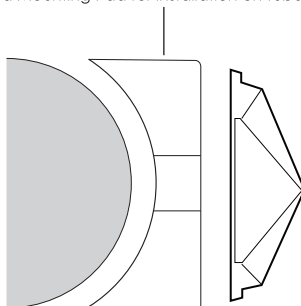


4. Route and connect the light cables to the RGB module in a daisy chain connection pattern making sure to avoid interference with suspension, exhaust or any moving parts .

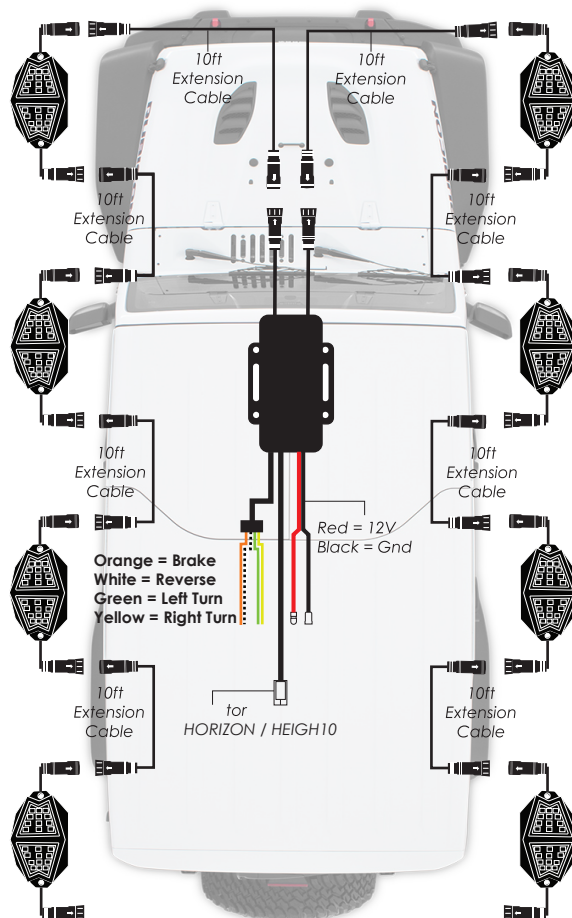
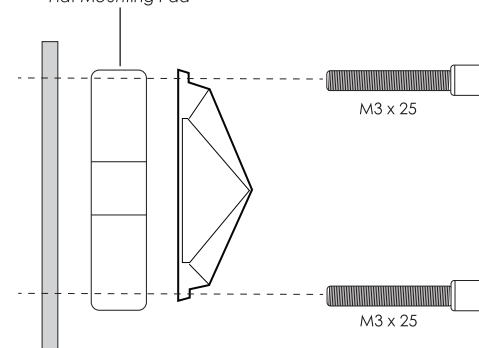
Back of mounting pad has 3 cable routing options



Curved Mounting Pad for installation on tubular frame



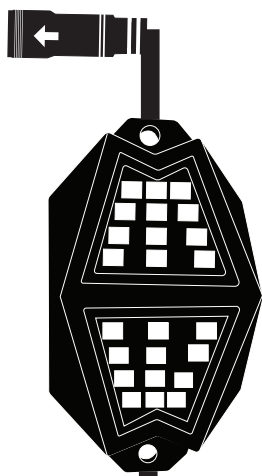
Flat Mounting Pad



Each Rock Light Pod has an Input connection and an output connection allowing you to connect other products to the same control module

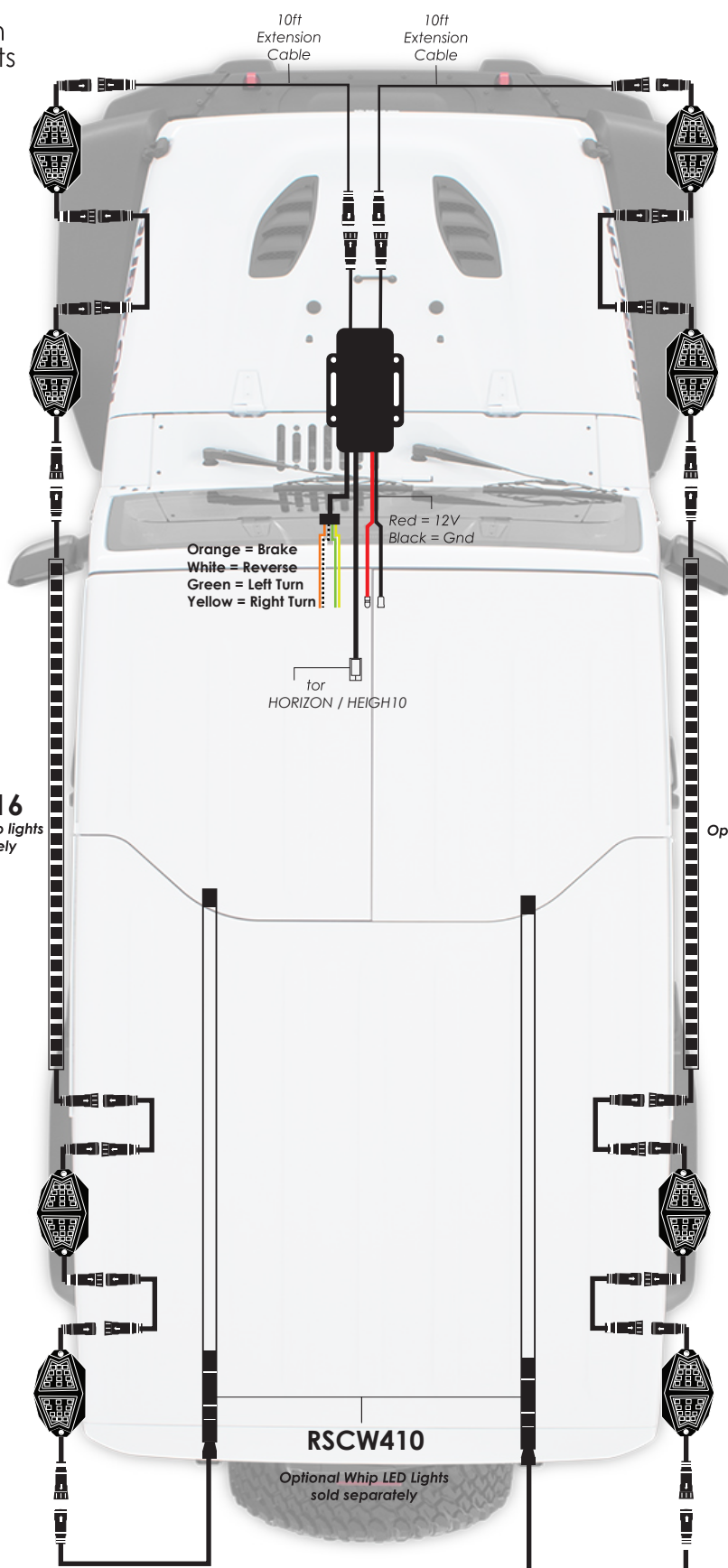
Female Connector
(Input ←)

Male Connector
(Output)



RSCS16
Optional LED strip lights
sold separately

RSCS16
Optional LED strip lights
sold separately



ROCK LIGHT KIT POWER WIRING DIAGRAM

WIRING DIAGRAMS

Diagram 1: Wiring direct to power and using an App to turn on/off. Must add 3 AMP fuse on RED 12V+ wire.

Diagram 2: Wiring with a switch. You can add a new dedicated switch or use an existing light switch that outputs 12V+ when ON. You will need to add a 3 AMP fuse on the RED 12V+ wire and also requires a 12V relay. Note: When wired to a switch, the RGB controller will default to last mode/color used. No need to access the app.

HEIGH10 connection: Connect the Sirius XM harness to the HEIGH10, then connect the 4 pin male connector of the LED module to the female connector of the HEIGH10 Sirius XM harness. If your HEIGH10 is missing the harness or has the wrong connector you will need to purchase the optional harness (**SE-SXMHAR**)

NOTE: Lighting module will still need separate power and ground when connecting **SE-SXMHAR HORIZON** models and **HEIGH10 + connect the module to the 4-pin harness coming out of the radio. Use HORIZON manual for connection instructions.**

GET THE APP

Scan the QR Code, or visit Google Play or iTunes to download the *Stinger Lighting* app. Once the app is installed, power up the RGB Module and open the app. The module should auto-connect and be listed in the device list. And Jon says Let There Be Light.

SCAN for Apple iOS and Android App

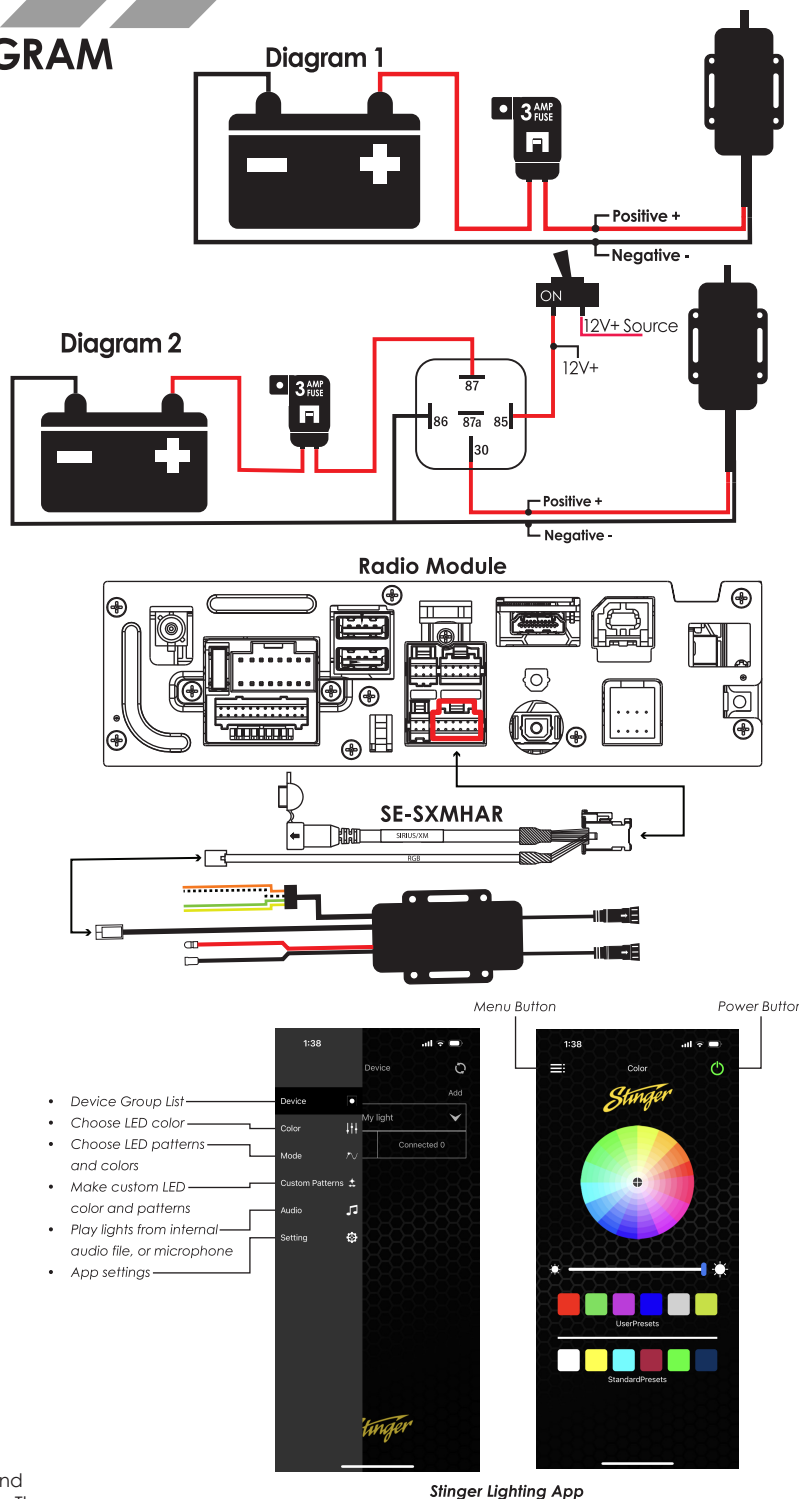


LIMITED WARRANTY:

Race Sport Lighting warrants this product to be free of defects in materials and workmanship for a period of one (1) years from the original date of purchase. The warranty is not transferable and applies only to the original purchaser from an authorized Race Sport Lighting dealer in the United States of America only. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, Race Sport Lighting will (at its discretion), repair or replace the defective product with new or re-manufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

INTERNATIONAL WARRANTIES:

Products purchased outside the United States of America are covered by that country's Authorized Race Sport Lighting reseller and not by Race Sport Lighting. Consumers needing service or warranty information for these products must contact that country's reseller for information.



For more information about this fine product, and for technical questions, additional details of the limited warranty and repair services, please visit www.racesportinc.com
 Race Sport Lighting – "a Stinger Company"
 9620 Executive Center Drive, Suite 200
 St. Petersburg, FL 33702
 Product support:
 Phone: 727-228-2740
 Email: service@racesportinc.com
 As Technology advances, Race Sport Lighting reserves the right to continuously change our specifications.
 © 2025 Stinger. All rights reserved. Race Sport Lighting is a Stinger Company.

When adding multiple light kits together you will need to adjust the pixel count using the Stinger Lighting app.

Below are the pixel count for each part and on page 2 you will find the steps and the pixel Calculator.

Each RSCBTC has a pixel count min and max

Minimum 30

Maximum 1024

Rock Lights = 4 pixels per Rock Light

For example:

1 RSDK4 (4 Rock Lights) = 8 Pixels. (App supports min 30 Pixels)

1 RSDK8 (8 Rock Lights) = 16 Pixels.

Whips and Light Strips are treated as left/right pairs, so pixel count is for two units.

For example:

2 RSCW410 (Whips) = 63 Pixels total.

2 RSCS16 (Light Strips) = 100 Pixels total.

If you were to have three or four Whips you would enter $63 \times 2 = 126$ Pixels.

If you were to have three or four Light Strips you would enter $100 \times 2 = 200$ Pixels.

Product Pixel Count:

RSDK4

4 Rock Light Kit = 8 Pixels

App is preset to 30 Pixels



RSDK8

8 Rock Light Kit = 16 Pixels

App is preset to 30 Pixels



RSDE4

4 Add on Rock Lights = 8 Pixels

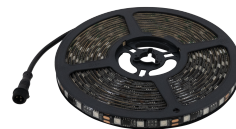
Add 8 Pixels for each kit



RSCS16

16FT LED Strips = 100 Pixels

Add 100 Pixels for each kit



RSCUBKIT10

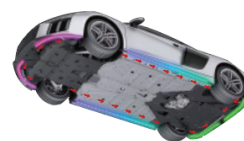
6 LED Light Strip Kit = 50 Pixels

App is preset to 50 Pixels

RSCUKIT10

4 LED Light Strip Kit = 30 Pixels

App is preset to 30 Pixels



RSCW210

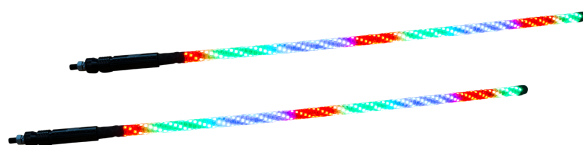
2Ft Whip = 30 Pixels

Set App to 50 Pixels for one or two Whips

RSCW410

4Ft Whip = 63 Pixels

Set App to 63 Pixels for one or two Whips



Step 1.

Open the Stinger lighting app on your phone.

Step 2.

Open the Settings menu.

Step 3.

Click on Chasing Settings.

Step 4.

Click on the device.

The device should now be highlighted in blue.

If you have a kit the device name will have a preset pixel count
(Check previous page for Pixel count of each part)

Step 5.

Enter the number of pixels you want and press enter.

Step 6.

Go to the Mode page and turn the connected device off then on by pressing the green icon.

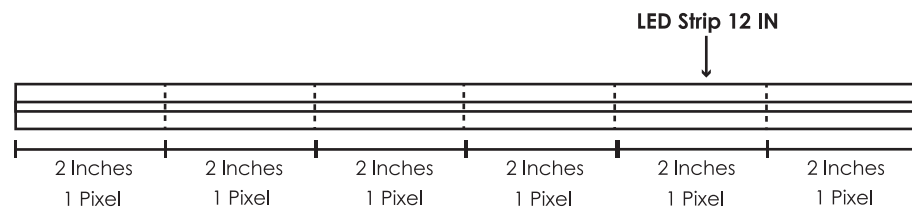
Pixel Calculator

Rock Light = 4 pixels each

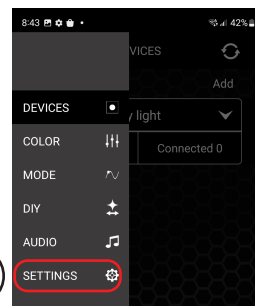
LED strip per 2 inches = 1 pixel

For example:

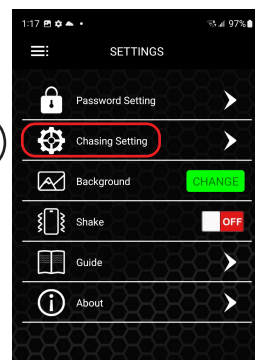
12 inch strip = 6 pixels



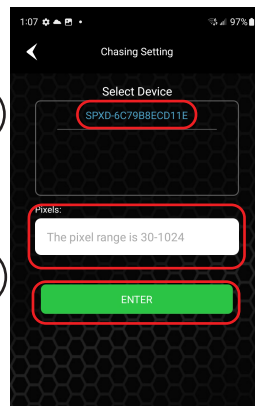
2



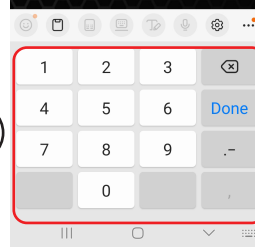
3



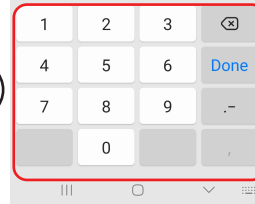
4



5



5



6

