

16 FOOT ColorTRAIL RGBW LED STRIP LIGHT

The RSCS16 ColorTRAIL RGBW Strip Light requires a ColorTRAIL Controller (**RSCBTC**) sold separately.

The RSCS16 can also be used with a RSDK4 or RSDK8 kit.

The RSCS16 light strip can be cut every 2 inches and installed with 3M peel-and-stick adhesive backing.

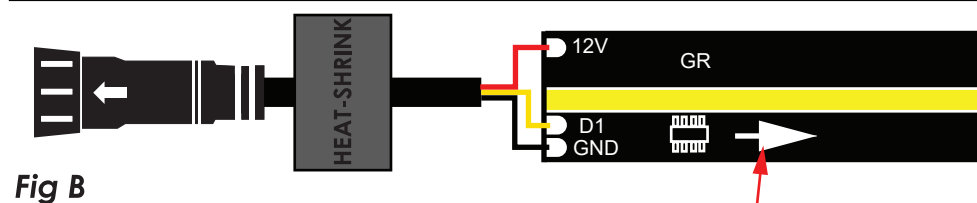
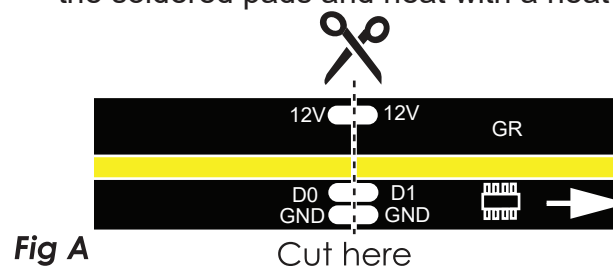
This process will require our solder on connector package (**SPXDMF**) **Not Included**

WHAT'S INCLUDED

1 x 16 ft LED Strip Light

Basic Wiring

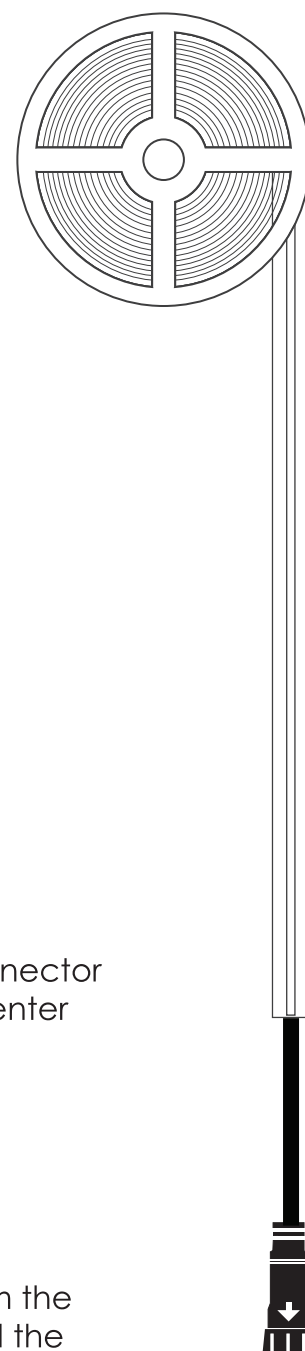
1. Cut light strip to length at solder pads indicated by the scissor icon (Fig A).
2. Remove rubber coating and adhesive from the front and back of the solder pads.
3. Once the rubber coating has been peeled back, you can solder on the male or female connectors. (Fig B).
4. Put the supplied heat shrink on the connector to be soldered before soldering any wires.
5. Once the wires are soldered to the pads slide the heat shrink over the soldered pads and heat with a heat gun.



The light pattern flows in the direction of the arrow. Connect the male connector to the solder pads using the Red wire for the 12V, the Yellow wire for the center pad (Data), and the Black wire for the GND.



Connect the female connector to the solder pads that is facing away from the arrow. Red wire for the 12V, the Yellow wire for the center pad (Data), and the Black wire for the GND.



STRIP LIGHT KIT POWER WIRING DIAGRAM

NOTE: Strip light will need a RSCBTC (Not Included) or can be added to a RSDK4, RSDK8, or RSCUBKIT10.

WIRING DIAGRAMS

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

Diagram 2: Wiring with a switch. You can add a new dedicated 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.

Note: The SE-SXMHAR harness needed for HEIGH10 is not included.

HORIZON models and HEIGH10 + connect the module to the 4-pin harness coming out of the radio. Use HORIZON manual for connection instructions

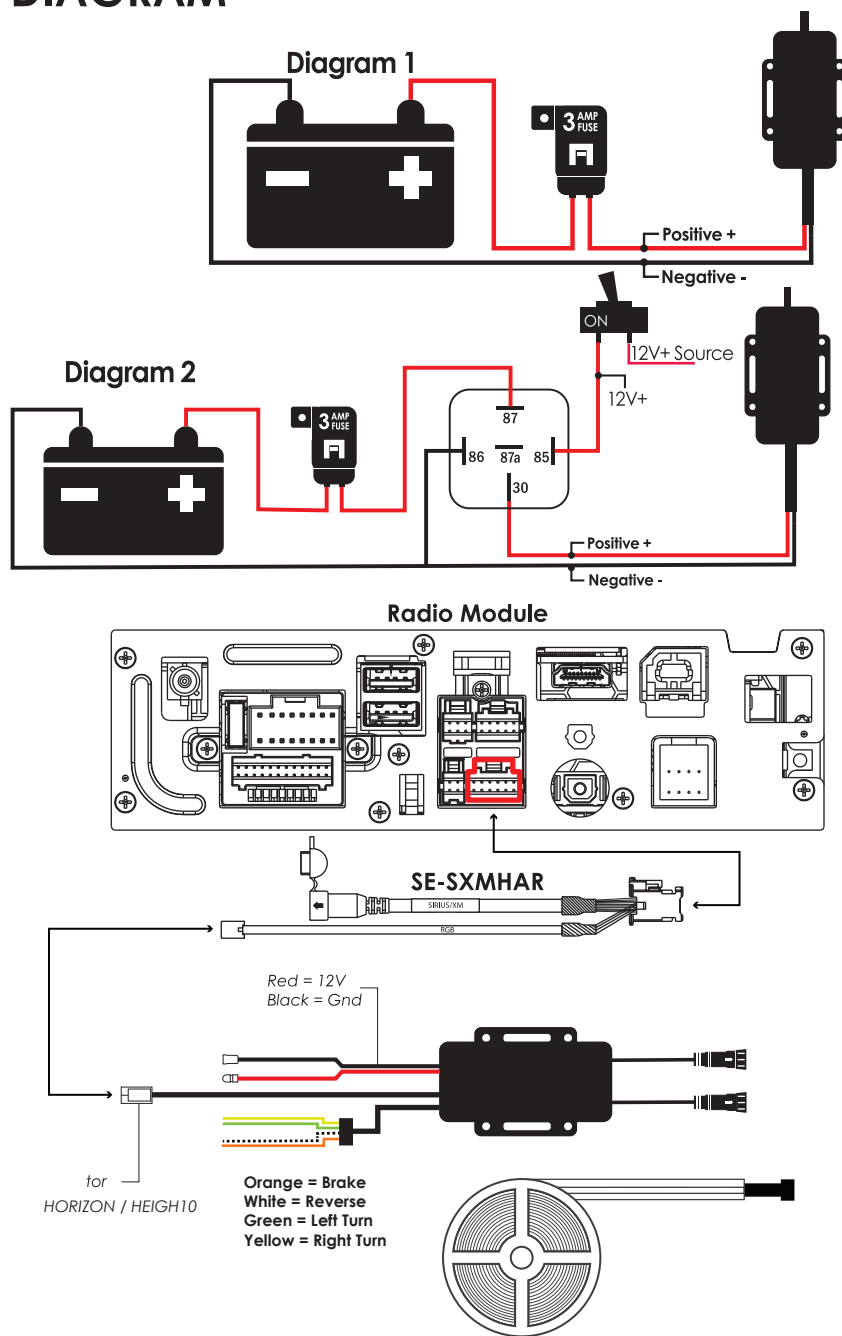
NOTE: Lighting module will still need separate power and ground when connecting SE-SXMHAR

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
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As Technology advances, Race Sport Lighting reserves the right to continuously change our specifications.
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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

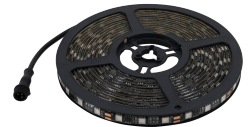
Add 8 Pixels for each kit



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

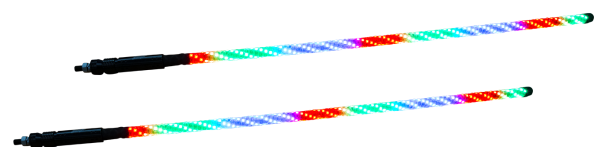
2Ft Whip = 30 Pixels

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.

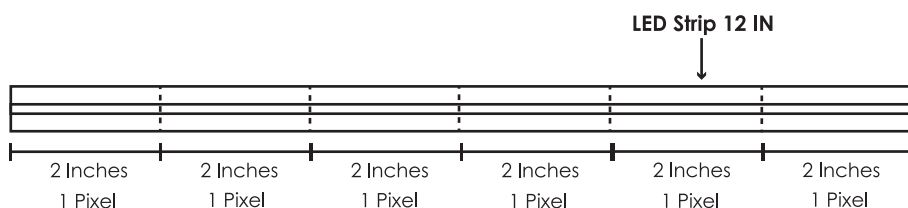
Pixel Calculator

Rock Light = 4 pixels each

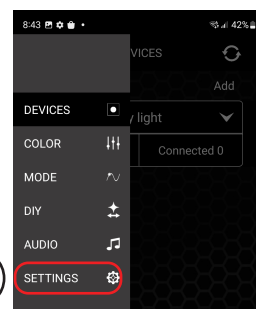
LED strip per 2 inches = 1 pixel

For example:

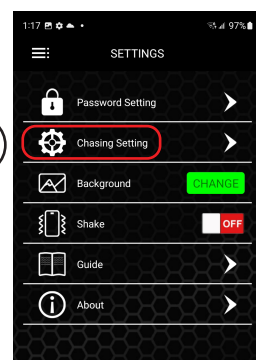
12 inch strip = 6 pixels



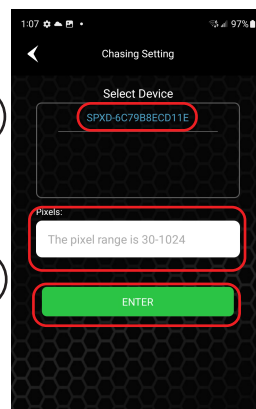
2



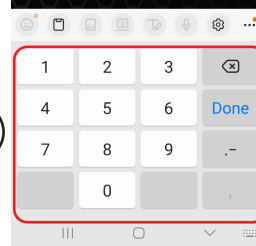
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4



5



5

6

