5 METER DYNAMIC RGB LED STRIP LIGHT

The SPXD5 Dynamic RGB Strip Light requires a Dynamic RGB Controller **(SPXDBTC)** sold separately.
The SPXD5 can also be used with a **SPXDK4** or **SPXDK8** kit.

The SPXD5 light strip can be cut every 2 inches and installed with 3M peel-and-stick adhesive backing.

This proccess will require our solder on connector package **(SPXDMF) Not included**

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. 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.
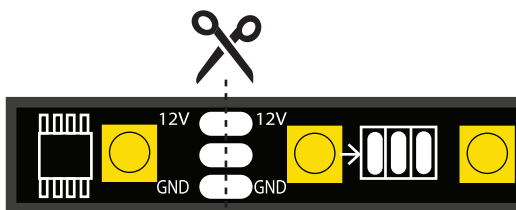
WHAT'S INCLUDED
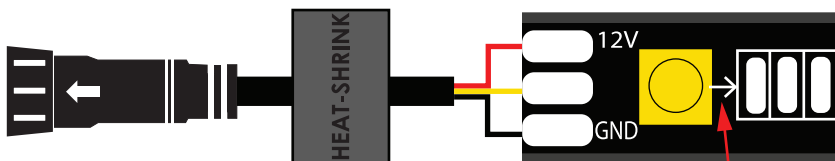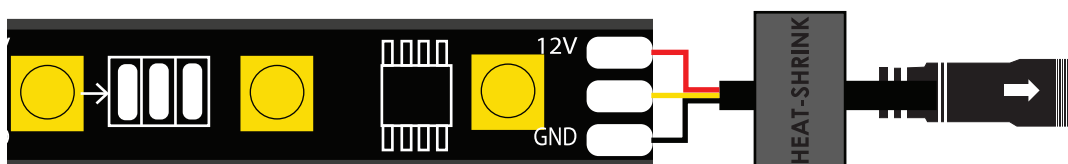
1 x 5m LED Strip Light
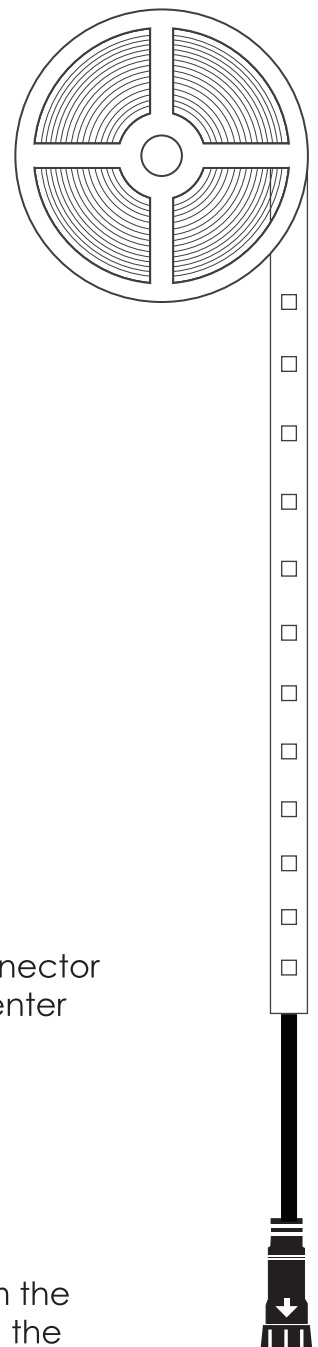
Fig A Cut here

Fig B

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

Diagram 1

NOTE: Strip light will need a SPXDBTC *(Not included)* **or can be added to a SPXDK4, SPXDK8, or SPXDUBKIT.**
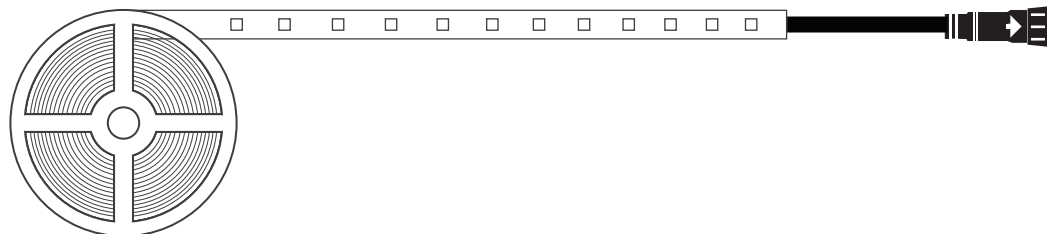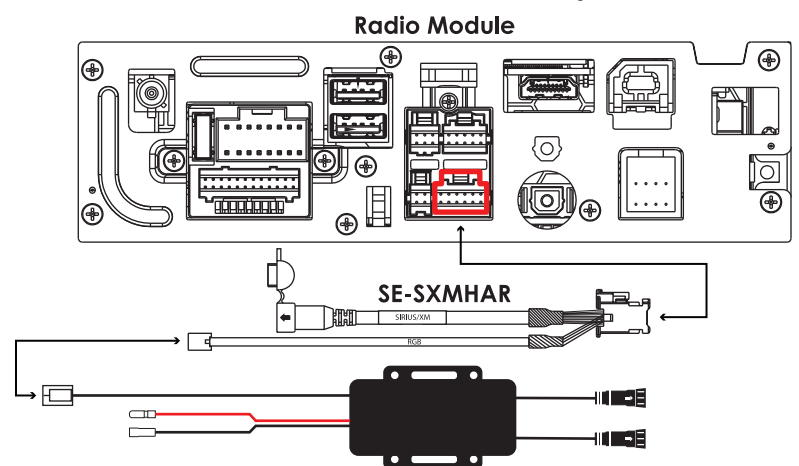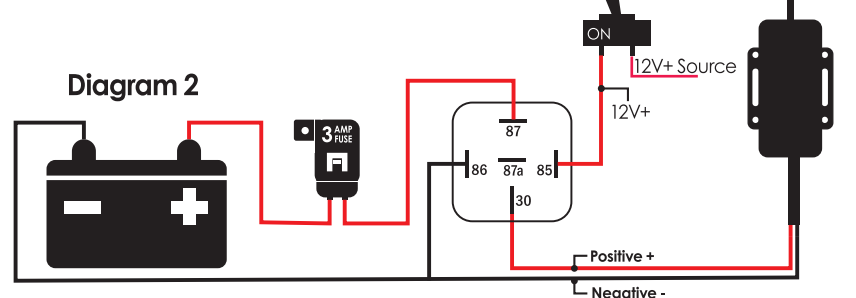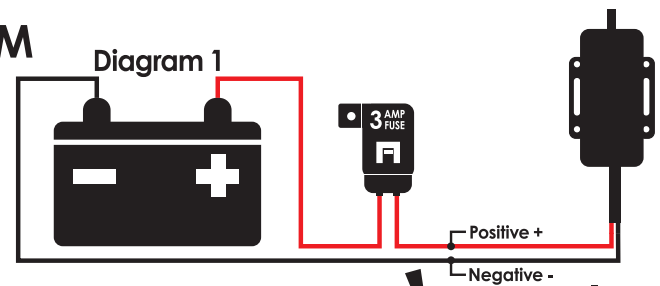
WIRING DIAGRAMS

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

3 AMP FUSE

Positive +
Negative -

ON

12V+ Source

12V+

Diagram 2

3 AMP FUSE

87
86   87a   85
30

Positive +
Negative -

Radio Module

SE-SXMHAR

SIRIUS/XM
RGB

When adding multiple light kits together you will need to adjust the pixel count using the enLIGHT10 phone app.
Below are the pixel count for each part and on page 2 you will find the Steps and the Pixel Calculator.

Each SPXDBTC has a pixel count min and max
Minimum 30
Maximum 1024
Rock Lights = 4 pixels per Rock Light
For example:
1 SPXDK4 (4 Rock Lights) = 16 pixels. *(App supports min 30 pixels)*
1 SPXDK8 (8 Rock Lights) = 32 pixels.
Whips and Light Strips are treated as left/right pairs so pixel count is for two units.
For example:
2 SPXDW4 (Whips) = 108 Pixels total.
2 SPXD5 (Light Strips) = 100 pixels total.
If you were to have three or four Whips you would enter 108 x 2 = **216 pixels.**
If you were to have three or four Light Strips you would enter 100 x 2 = **200 pixels.**

Product Pixel Count:

SPXDK4
4 Rock Light Kit =16 pixels
App is preset to 30 pixels

SPXDK8
8 Rock Light Kit = 32 pixels
App is preset to 32 pixels

SPXDE4
4 Add on Rock Lights = 16 pixels
Add 16 pixels for each kit

SPXD5
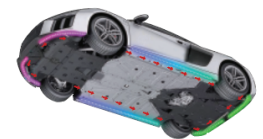5 Meter LED Strip = 100 pixels
Add 100 pixels for one or two strips

SPXDUBKIT
6 LED Light Strip Kit = 50 pixels
App is preset to 50 pixels

SPXDW4
4ft Whip = 108 pixels
Set App to 108 pixels for one or two Whips

Step 1.

Open the enLIGHT10 app on your phone.

Step 2.

Open the **Settings** menu.

Step 3.

Click on **Chasing Setting.**

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 (SPXDK4 = 30, SPXDK8 =32, SPXDUBKIT = 50).

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.
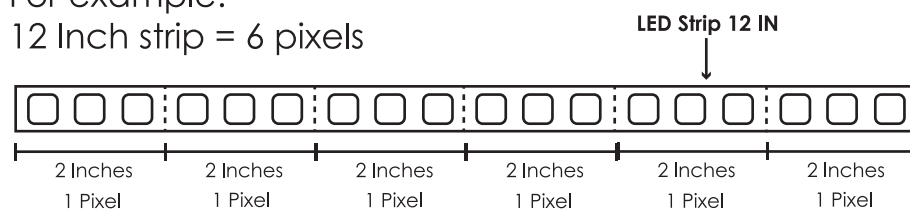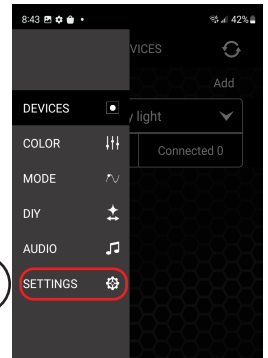
Pixel Calculator

Rock Light = 4 pixels each

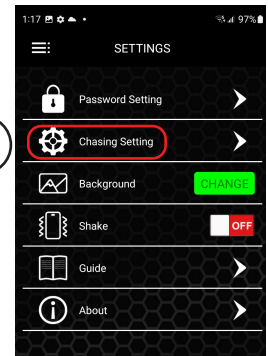LED strip per 2 inches = 1 pixel

For example:

12 Inch strip = 6 pixels

LED Strip 12 IN

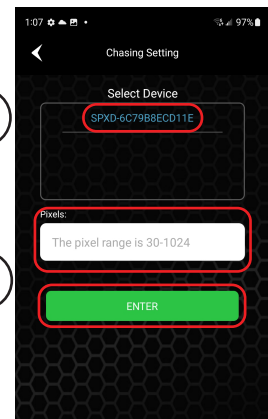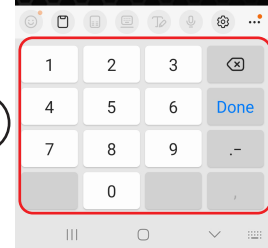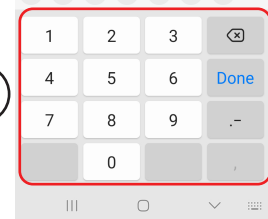| 2 Inches	2 Inches	2 Inches	2 Inches	2 Inches	2 Inches
1 Pixel	1 Pixel	1 Pixel	1 Pixel	1 Pixel	1 Pixel