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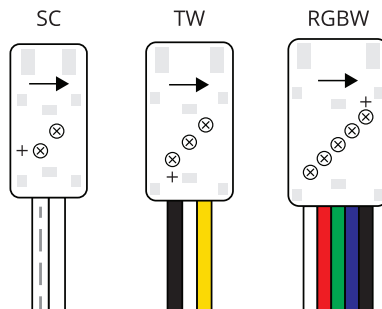
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TRAX ARRAY POWER LINK CABLE INSTRUCTION MANUAL

ITEM #: TX1-24-SC-PLC,
TX1-24-TW-PLC, TX1-24-RGBW-PLC

Length	24" (610mm)
Wire Gauge	18 AWG
Compatibility	For use with TRAX 24V Arrays.



TRAX POWER LINK CABLE

The TRAX Power Link Cable (PLC) can be used as an Array-to-Array connection cable or as a power input cable.

CAUTION

- // Always disconnect power at the source before making any modifications to lighting products or system.
- // Ensure your combined total wattage complies with Class 2 guidelines. Do not overload your power supply or product.
- // Due to the polarity of the wires, the left and right connection blocks are slightly different. Ensure that the correct orientation of the cable is used as depicted and described below.

1. ORIENTATION

// The Power Link Cable must be oriented correctly to the TRAX Array in order for proper routing of power. See figure 1.2.

1. The terminal connection blocks at each end of the connector are marked with an orientation arrow and a + sign that marks the positive wire of the connector (Figure 1.1).
2. The orientation arrow must always point to the top of the Array. The top of the Array may be established in a few ways (Figure 1.2):
 - a.) When the text on the LED bars is legible (not upside-down)
 - b.) When wire clip mounting holes are above the LED bars.

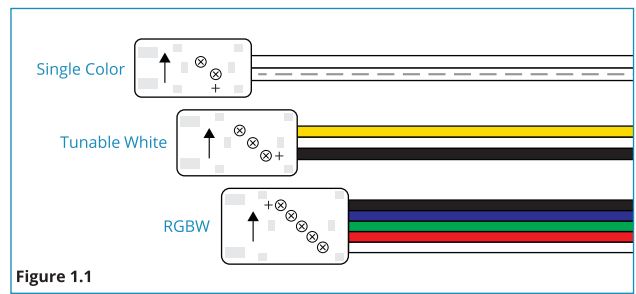


Figure 1.1

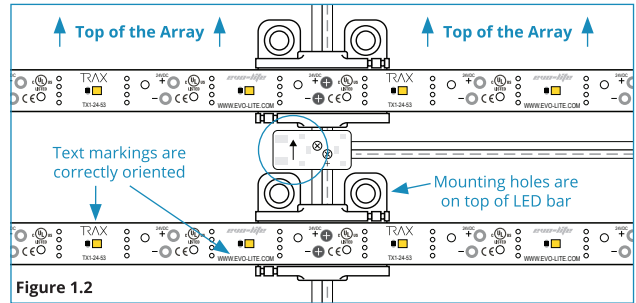
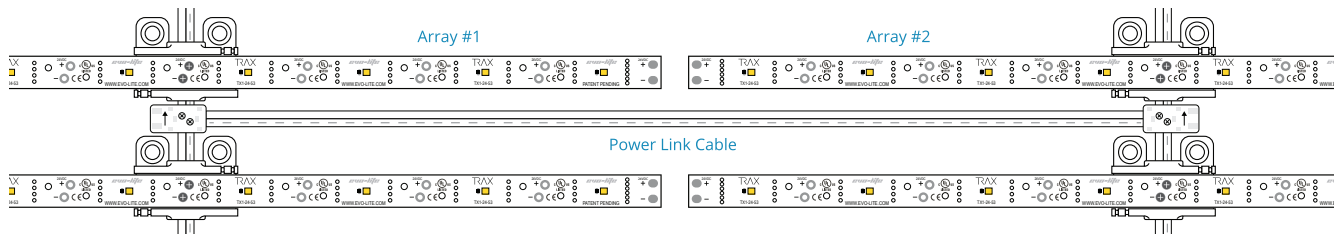


Figure 1.2



2. MAKING AN ARRAY TO ARRAY CONNECTION

1. Establish the best location for the Array to Array connection.
2. Check the cable's connection blocks for correct orientation as outlined above. Ensure the arrows point towards the top of the Array. These arrows should always be visible on the same side as the LEDs of the Array.
3. Seat the Array's wires into the open connection block and then close the connection block over the wires (Figure 2.1).
4. Next, use a precision screw driver (sold separately: TX1-PSD-PH00) to tighten the connection block's screws to pierce the wires (Figure 2.2). Our precision screw driver has a depth marking (at 7mm) that indicates the correct screw penetration depth.
5. Take the remaining side of the Power Link Cable and repeat the steps above to connect to the next Array.
6. Use the included twist tie to neatly bundle any extra wire and to prevent the wire from covering any of the Array's LEDs.

Note: TRAX RGBW will require the removal of the Array Wire clip's mounting holes in order for the RGBW Power Link Cable to fit between LED bars. (Figure 2.3, 2.4). Exercise caution when removing these mounting holes and ensure you do not damage the RGBW Array wires.

3. POWER INPUT CABLE

1. Establish the best location for the Array to power supply connection.
2. Follow the steps outlined above and make first connection to Array.
3. Cut the unused connector block off the remaining end (Figure 3.1).
4. Strip wire ends and hard-wire to a compatible power supply or control component (Figure 3.2).

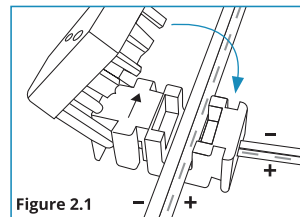


Figure 2.1

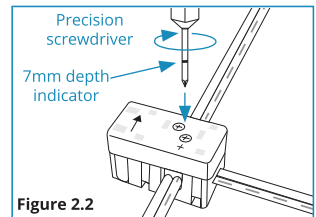


Figure 2.2

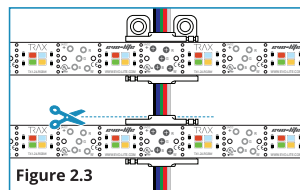


Figure 2.3

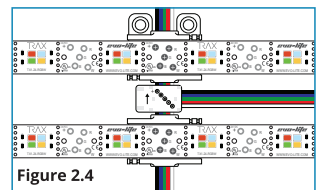


Figure 2.4

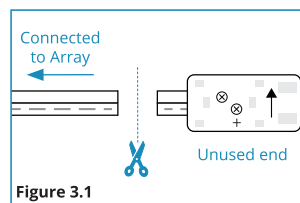


Figure 3.1

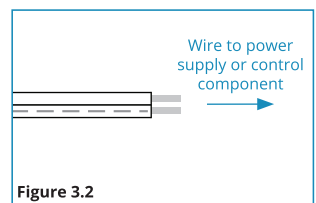


Figure 3.2