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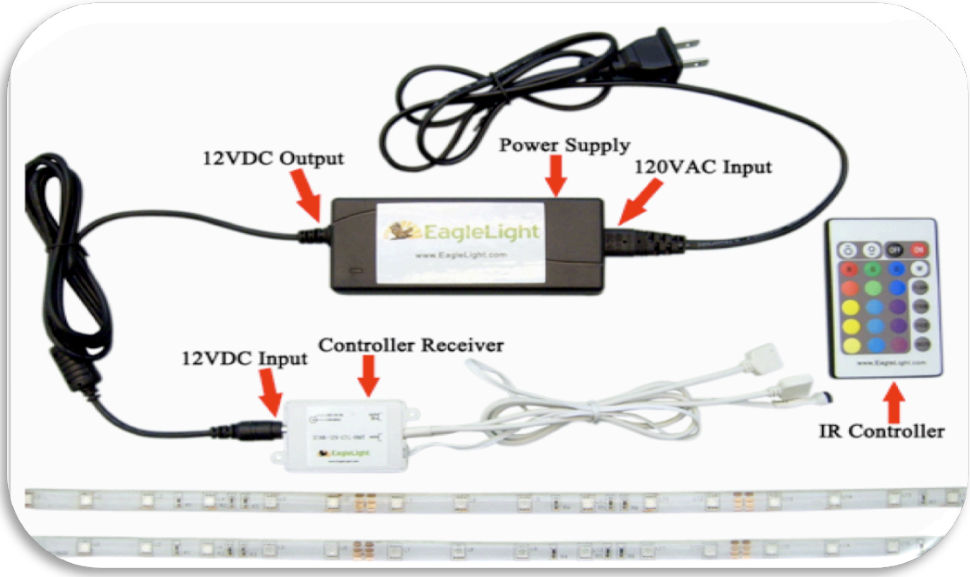
www.EagleLight.com support@eaglelight.com

Installation Instructions For Color Changing Mood Strips

- Check the packaging to confirm you have all the parts as shown below.
- Read all installation instructions prior to starting install.
- Confirm that strips operate prior to installation and prior to removing adhesive backing. If the 3M adhesive protective-paper is removed the product cannot be returned.

Please note: if strips do not light please see the trouble-shooting section of the instructions.

Please note that the items may not look exactly as shown in the picture.



VERIFY OPERATION OF STRIPS:

1. Please connect the power supply to the controller as shown in the picture below.
2. Plug the black power supply into a 120VAC wall outlet. A green indicator will light when powered.
3. Insert the end of one strip into the controller via the 4-pin connector.
4. Remove the plastic insert over the battery on the remote and point to the IR receiver. Press ON.
5. The strip will light. If it does not, confirm that the IR is pointing to the controller and that the strip is fully attached to the controller. You may need to flip the strip over to create correct connection. This can be done by removing the 4-pin connector and putting it on the other side of the strip, or by flipping the connector on the controller over and re-inserting into the strip.
6. Attach all strips to the controller or to other strips so they all light, flipping strips end-to-end if needed.
7. See trouble-shooting section if continued problems.

TROUBLE-SHOOTING WHEN STRIPS DO NOT LIGHT:

1. Check green light on power supply; if not lit, it is not plugged into power correctly. Check all cables from power supply to wall and verify that the outlet has power.
2. Check connection from power supply to controller to strip. All plugs should be fully inserted.
3. Check that controller is switched on with remote. Press the ON button while pointing remote at IR receiver on the controller. Verify remote has plastic battery saver removed from remote.
4. If still not lighting, reverse ends of strip with controller or flip controller jack over and re-insert into strip. Each strip has female connectors on each end. The strips connect together with a male-to-male connector. You can remove the male connector and place it on the other end to ensure the strips light. When connecting the strips, please ensure that the +RGB's are all lined up, facing the same direction.

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INSTALLATION INSTRUCTIONS:

1. Verify operation of strips prior to install.
2. Verify positioning and operation of strip prior to adhesion. We recommend masking tape to ensure best fit and positioning of strips, controller and power supply prior to removing adhesive backing. Check to see that the remote will work for the positioning of the controller prior to adhesion. If needed you can order cable extenders and connectors at www.ledmoodstrip.com.
3. Once lengths and positioning are verified remove masking tape and clean surfaces that strips will be adhered to. Once surface is clean of dust, dirt and any oils, install strips. We recommend starting installation at the controller and working your way to the end farthest away from the controller last. It is recommended that you verify lighting of strips after install of each strip to ensure best connection.
4. If installation location has potential of being damp, be sure to apply a silicone seal to the connecting joints to seal from moisture. The controller and joints are not water resistant.

FREQUENTLY ASKED QUESTIONS:

Q: How many strips can be connected together?

A: You can connect up to 16 strips together (24ft). Once you exceed 24 feet, you will need to use the 6-amp power supply. The 6-amp power supply will support up to 32 strips (48ft).

Q: What if I need to connect more than 48 feet together?

A. If you need to connect more than 48 feet together you will need to hook the additional strips to a separate power supply and controller. Having different controllers will not cause a problem if the strips will be on one set color. If the strips are to be used on the color-changing cycles, the controllers will not be in sync. The colors may change at different times.

Q: Can the strips be cut?

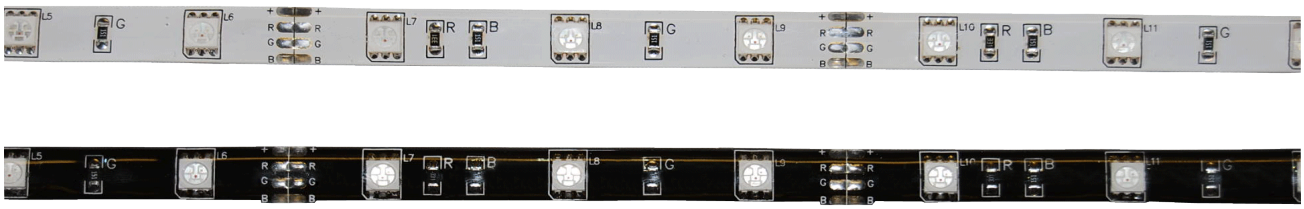
A: Between every three LED's, there is a copper area that can be cut. Once the strips have been cut, only the pieces with the female connectors on the end can be reconnected (re-used).

Q: Can strips that have been cut be soldered?

A: Strips that have been cut can be soldered. We do not offer any instruction on how to do so. If you choose to solder the strips, they are no longer covered by our guarantee.

Q: Can the strips be bent at a 90-degree angle?

A: The strips are flexible, but they cannot be bent at sharp angles. You must use an L connector or extender around corners. Please see www.ledmoodstrip.com for additional parts for assembling LED Mood Strips.

Q. What is the most common error when installing these strips?

A. The most common step that is overlooked when installing the strips is that the arrow on the white control box must be facing the + on the +RGB that is on the strips. When connecting the strips together, the +RGB's must all be lined up, facing the same way.