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Optimum Performance Technology
OPTX
by StreetGlow®

MULTI-COLOR LED UNDERCAR KIT INSTALLATION INSTRUCTIONS

Congratulations on your selection of OPTX® by StreetGlow products and welcome to the OPTX® lighting family. With your purchase, you join thousands of car enthusiasts who have made OPTX® the number one choice in the Auto-Neon® industry.

As a member of the OPTX® by StreetGlow family, we offer you our full and continued support. Our staff of highly skilled professionals designs OPTX® by StreetGlow products that combine the highest standards of performance, craftsmanship and cutting-edge aesthetics while embracing the latest in lighting technology and styles.

Visit our website, optxbystreetglow.com, to learn more about the extensive line of OPTX® by StreetGlow products.

Thank you from StreetGlow!

MULTI-COLOR LED UNDERCAR KIT

INSTALLATION INSTRUCTIONS

CONTENTS:

2 - 48" Tubes	1 - Multi-color LED Controller (MLC)
1 - 30" Tube w/ 4' wire	14 - 3/4" Tube mounting clamps
1 - 30" Tube w/ two 4' wires	12 - 3/16" Wire clamps
	26 - 5/8" Self-tapping screws

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING!

Quick Test Sequence

- Step 1** Unpack entire contents of package and check for any damaged products before moving to the test sequence.
- Step 2** Place all four LED tubes on a test area. Connect the wires together and connect them to the Multi-Color LED Controller (MLC). *NOTE: Be sure to align the arrows on the plugs.*
- Step 3** Using a 12v DC power source, connect the MLC's RED and YELLOW (power) wires to the positive (+) 12v lead of the power source. *NOTE: DO NOT connect the BLUE (alarm) wire for this test.*
- Step 4** Connect the MLC's BLACK (ground) wire to the power supply's negative (-) output.
- Step 5** Press and hold the ON/OFF button to activate all LED segments. *NOTE: If none of the LED's light up, then go back to Step 2 and check your connections.*

Installation Instructions

- Step 1** Select the desired location for the Multi-color LED Controller (MLC) and mount using the supplied mounting hardware.
- Step 2** With the MLC mounted make connections of power and ground to the MLC's power harness (see FIGURE 1).
 YELLOW wire = (+) 12v battery
 RED wire = (+) 12v ignition
 BLACK wire = (-) ground
 BLUE wire = (-) alarm (optional connection)
NOTE: Vehicles with aftermarket alarms can use the OPLED100MC's alarm feature to activate when Ignition Kill is enabled with a negative trigger.
- Step 3** Select the desired locations for the LED tube placement which are away from all fuel lines, exhaust systems, areas of extreme heat, ABS components, SRS components, any moving parts and where lifts or jacks are used to raise your vehicle (see FIGURE 1 for details).
- Step 4** Using the 3/4" tube mounting clamps and the 5/8" self-tapping screws, fasten the LED tubes to your vehicle in the recommended mounting positions (4 mounting clamps per 48" tube, 3 clamps per 30" tube).
- Step 5** Connect the control wires of each tube together. Secure the wires to your vehicle using the 3/16" wires clamps and 5/8" screws. *NOTE: Be sure to align the arrows on the plugs and use electrical tape (not supplied) around the secured plugs to insure a proper weather-tight connection.*
- Step 6** Run the control wire of the MLC to the control wire of the first LED tube and make proper connection (See FIGURE 1 for correct tube placement).
- Step 7** Once the wiring and mounting of all components are completed, test the OPLED100MC's modes of operation and sequential lighting effects.

Multi-Color LED Controller (MLC) Operation

- 1 Turn unit on by pressing and holding **ON/OFF** button for 2 seconds
- 2 Turn unit off by pressing and holding **ON/OFF** button for 2 seconds
- 3 Change color by pressing **COLOR** button
- 4 Increase Brightness/Speed/Sensitivity by pressing **+** button
- 5 Decrease Brightness/Speed/Sensitivity by pressing **-** button

Modes and Sequential Lighting Effects

MODES: All LED's On / Music Interface / Sequential Lighting Effects/ Color Change

Step 1 SELECTING MODE OF OPERATION

1st press MODE button = **All LED's On** mode (solid show of lights)
 2nd press MODE button = **Music Interface** mode (dances to the beat of your music)
NOTE: Use the +/- buttons to adjust the sound sensitivity
 3rd press MODE button = **Sequential Lighting Effect** mode (see FIGURE 2 for different effects)

- Alarm Mode = Activates when the BLUE wire is triggered with a negative input (ground)
- This feature functions ONLY when the vehicle is off or when 12v is disconnected from the RED wire (ignition) (see FIGURE 1 for details)
- When the Alarm Mode is active, the 3rd (middle) bank of LED's will flash once per second under the vehicle

Step 2 SELECTING LIGHTING EFFECTS

- When the MLC is in Sequential Lighting Effects mode, you are able to scroll through eight different lighting effects by pressing the MODE button (see FIGURE 2 for details)
- To increase the speed of light, press and hold the + button until desired effect is achieved
- To decrease the speed of light, press and hold the - button until desired effect is achieved

Step 3 SELECTING COLORS

Press the COLOR button to switch between 1 of 7 available colors. The center LED of the MLC will indicate the selected color. *NOTE: The first time the kit is powered up, it will be WHITE.*

AUTO-CHANGE (cycles through all colors), RED, YELLOW, GREEN, TURQUOISE, NEO BLUE, PURPLE, WHITE

Step 4 Enjoy!

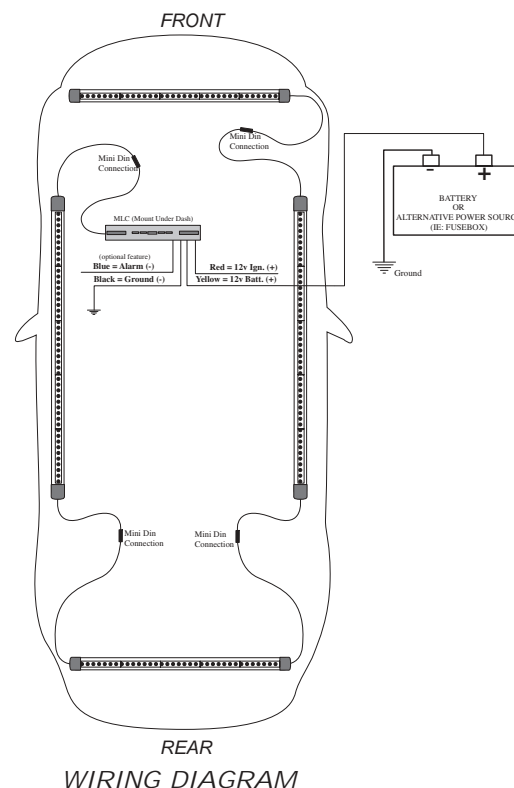


FIGURE 1

FIGURE 2

