



## Custom Dynamics® Black Magic 4™ Remote Control Installation Instructions

We thank you for purchasing the Custom Dynamics® Black Magic 4™ remote control. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

**Part Number: BMREMOTE4**

### Package Contents:

- Remote Control module (1)
- Remote Key Fobs (2)



### Installation

1. Locate the battery and unhook the battery negative (-) cable.
2. Locate positive (+) wires from LEDs and join all wires together into one group.
3. Locate all the negative (-) wires from the LEDs and again join them together into one group.
4. Wiring for Black Magic™ 4 remote control is as follows:

- RED WIRE:** Connects to Battery positive terminal or other positive 12 volt source.
- BLACK WIRE:** To Battery negative terminal or other suitable ground connection.
- WHITE WIRE:** Power to LEDs positive wire group.
- GREEN WIRE:** Ground wire to ALL LED GROUND WIRES

## ⚠ ATTENTION ⚠

Please read Information below before Installation

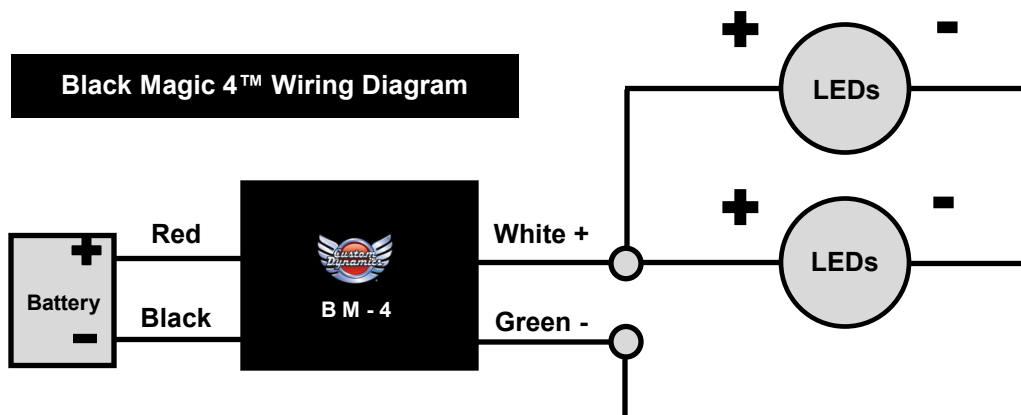
This guide assumes user has properly installed the LED lighting products that are to be used in conjunction with this product. Please check with LED manufacturer for procedures and instructions for the proper installation of their LED products.

**Caution:** Before beginning installation, disconnect the negative battery cable from the battery to prevent damage to the LEDs or remote during installation. Damage to either as a result of direct shorting is not covered under warranty.

**Very Important:** All LEDs must ground through Black Magic 4™ control unit. Failure to do so will result in improper operation, and or damage to Black Magic unit. You must not use any other ground location for any of the LED ground connections.

**Important:** Never use higher than a 7.5 amp fuse or bypass fuse with this remote, either will void warranty.

### Black Magic 4™ Wiring Diagram



Questions? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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### TruMAGIC™ Technology Key Fob Functions:

#### Button [1] - Turn Power ON/ Timer Mode

- Press button once to turn lights on solid.
- With Lights on, Press and Hold for 2 hour Timer Mode

#### Button [2] - Dim Function

- Press button for 3 different brightness levels.

#### Button [3] - Strobe/Breathing Effects

- While lights are on, press button for first strobe pattern.
- Press button each time allows you to cycle through:
  - 3 Strobe patterns
  - 3 Breathing speeds
  - Combinations of strobe and breathe together

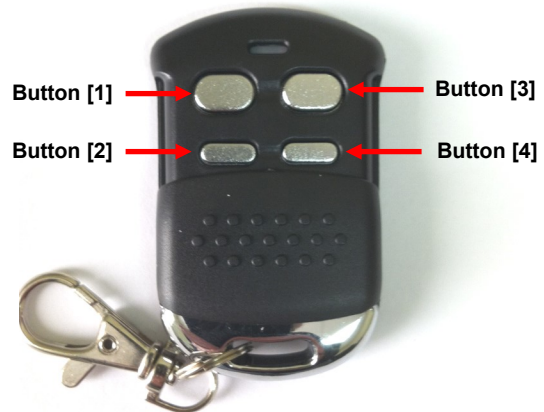
#### Button [4] - Turn Power OFF

#### Timer Function Explained:

This is a power save feature that is designed to turn the lighting system off automatically after 2 hours when the bike is in park or on display. To set the timer, turn the lights on with button 1, then push button 1 again and hold, the lights will flash then return to program. The timer counts down turning the lights off after 2 hours.

**Note:** Be sure to select your desired function before setting the timer. If any functions are changed or the buttons are pushed after the timer sequence is started, the timer will automatically turn off.

It is recommended that if the key fob is stored in your pocket while using the timer function, close the button slide cover on the fob.



#### Receiver

Power: 12V/7.5A Fused

#### Transmitter/Key Fobs:

Distance: Up to 50 Meters (clear line of sight)

Antenna: Internal

Power: 12V/10MA

Batteries: (2) CR2016 Coin Cell

#### Features:

- Built-in Short Circuit Protection
- 2 Hour Timer Mode
- Dim Function
- 3 Year Warranty (excluding key fob batteries)

**Disclaimer:** This product is designed and intended only for use with auxiliary lighting only. This product is NOT intended to replace any original equipment lighting installed on the motorcycle and should not be used for that purpose. This product must be wired such that it does not interfere with any original equipment lighting.

