



Custom Dynamics® CCM-5 Remote Installation Instructions

We thank you for purchasing the Custom Dynamics® CCM-5 Color Command Module! 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.

Package Contents:

- CCM Remote Module with inline fuse (1)
- Remote Control Key Fob (2)

Optional (Sold Separately):

CG01 Cage Clamps (4) for wire termination

Winter Kill Switch (1) to kill power to remote during storage

Fits: Custom Dynamics® color changing [Magical Wiards™](#) LEDs only.

Compatible with 12VDC systems with a negative ground.

Receiver and Wire Harness Pigtail:

Power: 12V/7.5A Fused

Transmitter/Key Fob:

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

Antenna: Internal

Power: 12V/10MA

Batteries: (2 per fob) CR2016 Coin Cell

Features:

- Built-in Short Circuit Protection
- Memory Save
- Strobe Saved Color
- 2 hour Timer Function
- 3 Year Warranty

TruMagic™ Technology Functions:

Button [1] - 7 Preset Colors

- Press to turn lights on.
- Press repeatedly cycles through 7 different pre-programmed colors.
- Press during desired programming for Timer Mode (see below)

Button [2] - Color Morphing Modes

- Press to turn lights on.
- Pressing repeatedly cycles through 3 "Color Morphing" mode speeds (changes color automatically)
- Press button [4] to stop on custom color.
- Press button [2] again to resume color morphing mode.

Button [3] - Strobe/Breathing Functions

(After button [1] or [2] is pressed first to turn lights on presets)
Press button 3 repeatedly to cycle through:

Button [1] Preset colors + Button [3]:

- 3 Strobe effects patterns
- 3 Breathing effect speeds

Button [2] Morph colors + Button [3]:

- 3 Strobe patterns
- 3 Alternating color speeds (alternates between 2 nearest colors)

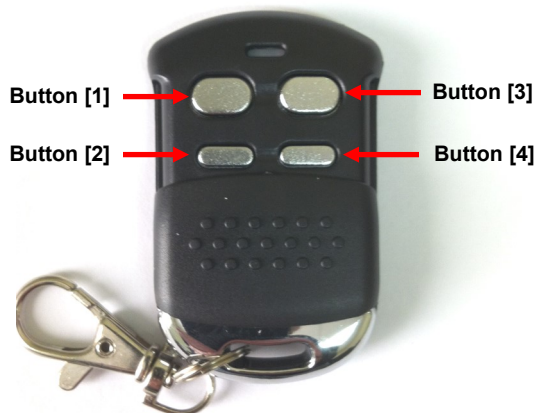
Button [4] - Off /Memory

During "Color Morphing" effect:

- Press once to pause on any desired color of your choice
- Press again to store your color and turn off the lights
- Press again to turn lights back on and resume custom color
- Strobe custom color - press button 3 after resuming saved color

During Manual color change, "Strobe" or "Breathing" effects:

- Press once to save function and turn lights off
- Press again to turn on and resume color or effects.



Note: Never use a fuse greater than 7.5 amps in the in-line fuse holder, using a larger fuse will void warranty.

Enter 2 Hour Timer Mode:

- Select your desired program settings
- Then Press button [1] down and hold:

The lights will blink white quickly then return to their previous function for 2 hours. At the end of the time limit, the lights will shut off automatically. Do not change program or touch any buttons as this will cancel the timer. Time cannot be adjusted. To turn timer function off, hit any button on the key fob and or turn the lights off.

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Wiring The Remote



The CCM-5 Remote should only be used with Custom Dynamics® brand Magical Wizard™ LED accent lights. Please contact us for details.

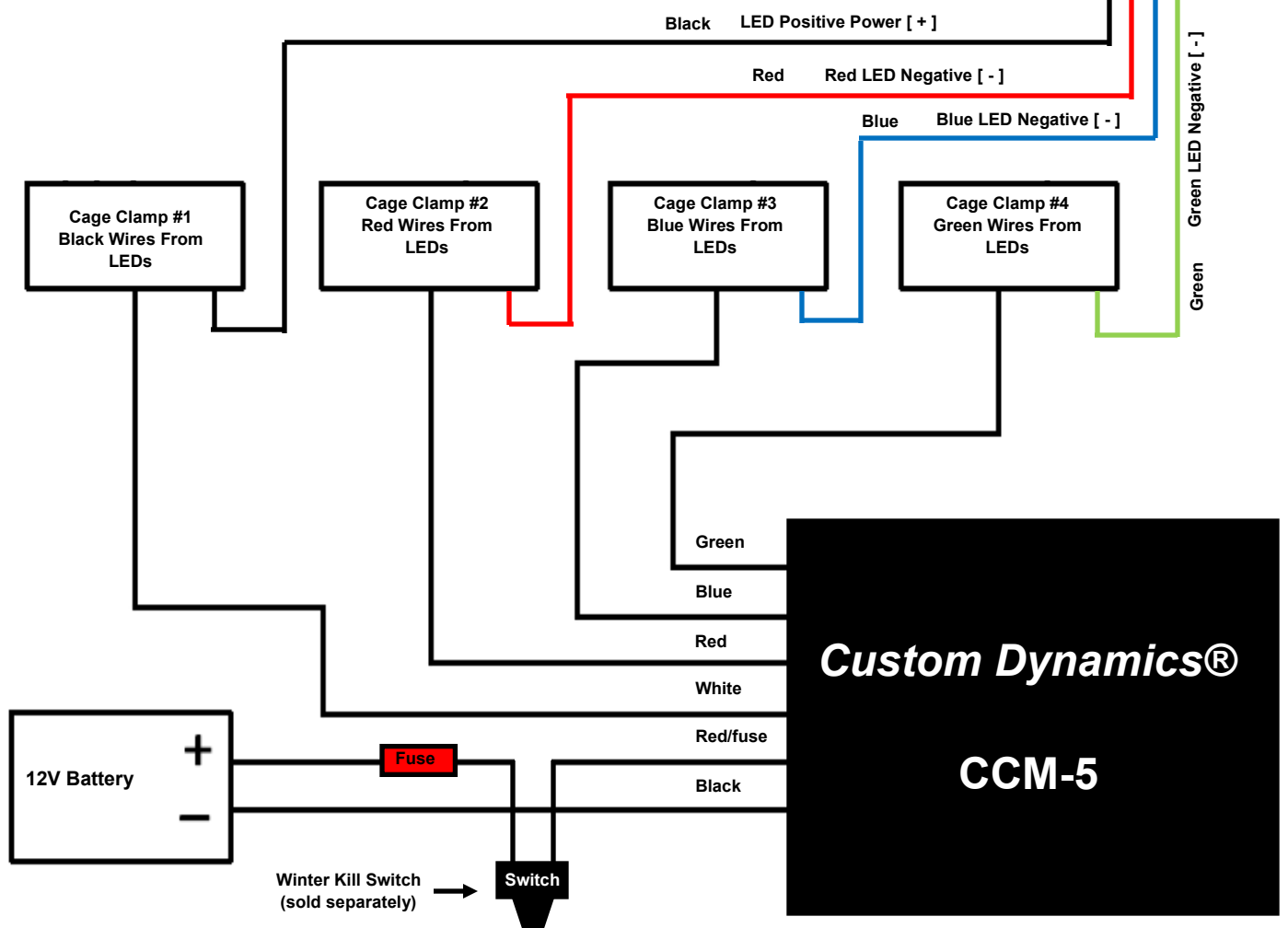
Magical Wizard™
4 Wire LED Pod



The CCM (Color Command Module) has wires coming out of the black box that get connected to the LED wiring. For joining large quantities of wires, we recommend using cage clamp connectors, (purchase separately, unless purchasing a kit, part # CG01). The cage clamps offer easy connection of the LEDs to the CCM Remote. Strip back enough insulation on the wires and terminate as follows:

- RED wire with Fuse - Connect to the [+] Positive terminal of 12Volt battery or power source.
- BLACK wire - Connect to suitable ground or [-] Negative terminal of 12Volt battery or power source.
- WHITE wire - Connect to Cage Clamp #1, the BLACK wires from the LEDs.
- Red wire - Connect to Cage Clamp #2, the RED wires from the LEDs.
- BLUE wire - Connect to Cage Clamp #3, the BLUE wires from the LEDs.
- GREEN wire - Connect to Cage Clamp #4, the GREEN wires from the LEDs.

* If purchasing this remote as part of a Custom Dynamics® Magical Wizard Accent Light Kit, Please refer to the installation instructions included with the kit before wiring the remote.



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