

MotoCAN / Motorcycle Lights - Quick Setup Guide



In this document, we will explain step-by-step how to quickly install your Motorcycle Lights and accessories manager (ezCAN or MotoCAN).

What's Included?

Motorcycle Lights require a MotoCAN (or HEX ezCAN) to function!

When ordering a motorcycle-specific bundle, you will receive:

Motorcycle Lights:

- 2x Motorcycle Lights Pods with MT 3-pin Connectors
- 2x Blackout Lens Covers
- 2x 1m / 39.4" MT 3-pin Extension Cables
- 1x Y-Splitter MT 3-pin
- 2x 25/20mm Bar Clamp Mount Set incl. L-brackets & Installation Hardware

MotoCAN:

- 1x Bike-specific MotoCAN
- 3x MT 3-Pin Blanking Plugs (to attach other accessories)
- 1x Micro USB Dust Cover
- 3x MT 3-Pin Male Connector Stub Set
- 3x MT 3-Pin Rubber Plugs
- 20x Zip Ties
- 1x USB-USB Micro Cable

Note: If you already have a HEX ezCAN, or if the MotoCAN is not available for your bike, you can use a HEX ezCAN. Refer to the HEX website for the included components.

Step-by-Step Installation

Step 1: Install your ezCAN or MotoCAN on your bike

The first step is to install the ezCAN/MotoCAN and your Motorcycle Lights to your motorcycle.

Installation will vary depending on your bike model.

To install the ezCAN/MotoCAN on your bike, please visit the **bike-specific instruction link** and follow the provided instructions.

| All Install Instructions | | | | |
|--|--|---|--|---|
| https://www.lonerider-motorcycle.com/pages/motocan-installation | | | | |
| Motorcycle-specific Instruction Links | | | | |
| MotoCan BMW R1300GS Range https://www.lonerider-motorcycle.com/pages/LR0526 | MotoCan BMW R1200/1250GS/Adv (LC) Range https://www.lonerider-motorcycle.com/pages/LR0443 | MotoCan BMW F750/850/900GS/Adv Range https://www.lonerider-motorcycle.com/pages/LR0525 | MotoCan KTM Range https://www.lonerider-motorcycle.com/pages/LR0445 | MotoCan Honda Africa Twin 1100 Range https://www.lonerider-motorcycle.com/pages/LR0447 |
| BMW R 1300 GS (2024+) – KA1 | R 1200 GS LC – K50 | K 1600 GT – K48 | KTM 1290 (2021+) | CRF1100 Africa Twin (2020+) |
| | R 1200 GS Adv LC – K51 | K 1600 GTL – K48 | KTM 890 (partial support) | |
| | R 1200 RT LC – K52 | K 1600 Bagger – K61 | KTM 790 (partial support) | |
| | R 1200 R LC – K53 | S 1000 XR – K49 | | |
| | R 1200 RS LC – K54 | S 1000 XR – K69 | | |
| | R 1250 GS LC – K50 | F 900 XR – K84 | | |
| | R 1250 GS Adv LC – K51 | F 900 R – K83 | | |
| | R 1250 RT LC – K52 | F 900 GS Adv – K82 | | |
| | R 1250 R LC – K53 | F 900 GS – K81 | | |
| | R 1250 RS LC – K54 | F 850 GS Adv – K82 | | |
| | | F 850 GS – K81 | | |
| | | F 800 GS – K80 | | |
| | | F 750 GS – K80 | | |

| | | | | |
|--|--|-------------------------|--|--|
| | | R nineT – K21 | | |
| | | R nineT Pure – K22 | | |
| | | R nineT Scrambler – K23 | | |
| | | R nineT Racer – K32 | | |
| | | R nineT Urban G/S – K33 | | |

If your bike is not mentioned in the previous links, you will find your instruction here :
<https://www.hexezcan.com/installation/>

Step 2: Download the Software

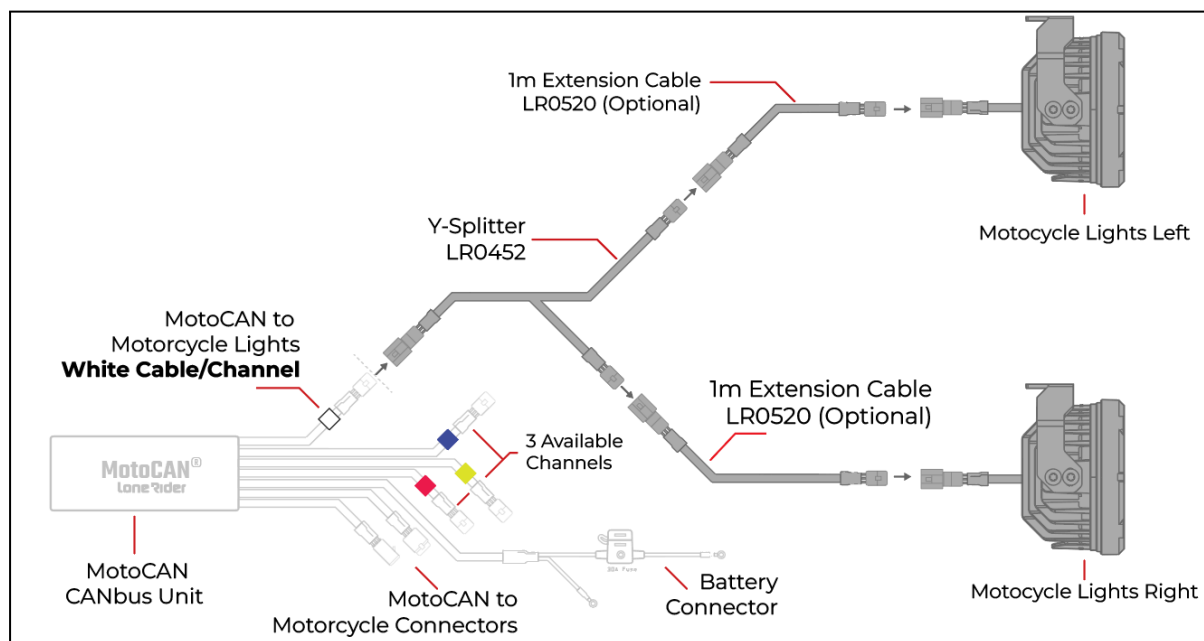
1. Go to **this link** to access the download page :
<https://www.lonerider-motorcycle.com/motocan-software>
2. Download the ezCAN/MotoCAN configuration software for PC or MAC.

Step 3: Connect Your Computer to the ezCAN/MotoCAN

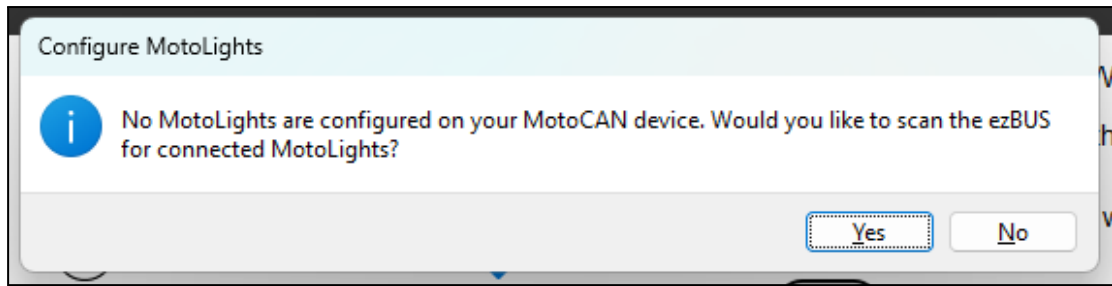
1. Remove the rubber cap from the ezCAN/MotoCAN.
2. Connect your computer to the ezCAN/MotoCAN with the supplied micro USB cable.
3. Run the ezCAN software on your computer.
4. Register your device.
5. If prompted, update the firmware/software to the latest version.

Step 4: Set Up the White Channel

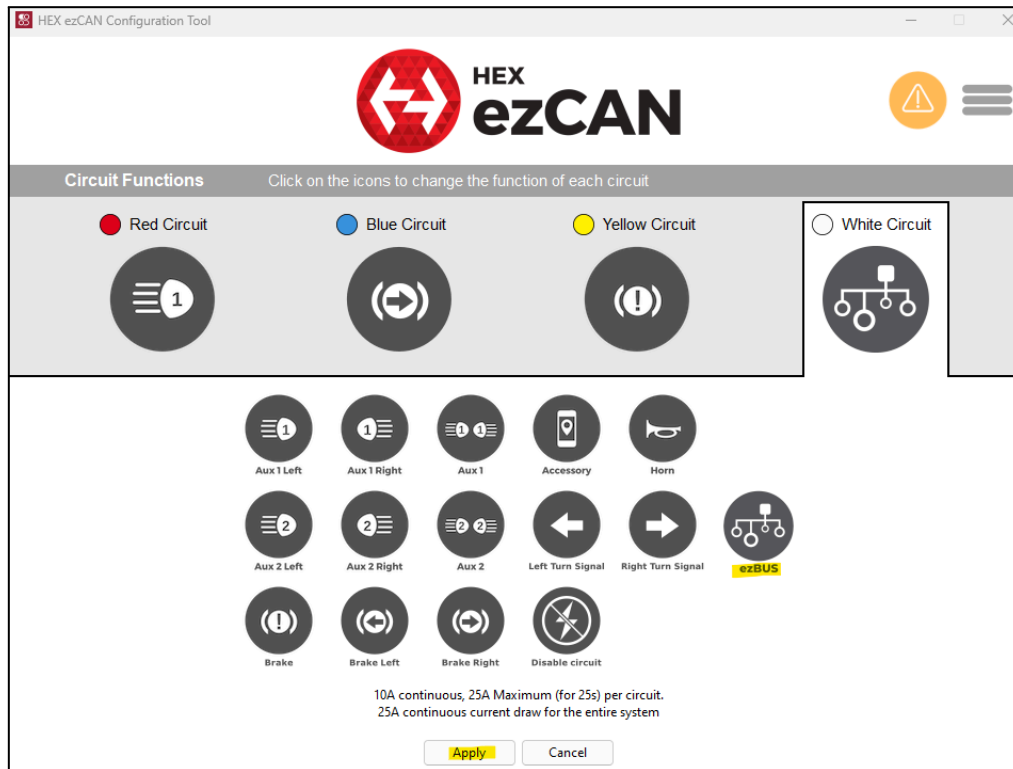
1. Check that your Motorcycle Lights are connected to the white channel using the Y-Splitter.



2. If you have a MotoCAN (and not an ezCAN) a pop-up page will ask you if you want to scan the ezBUS : click yes and move to Step 5.4



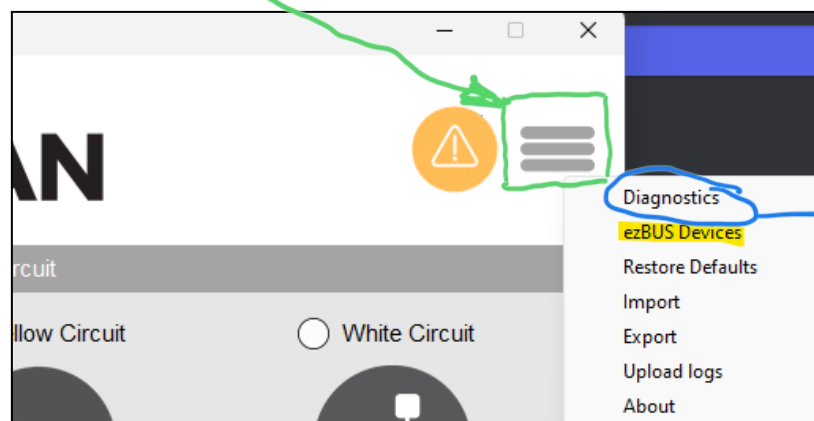
3. In the software, click on the white channel and set it as **ezBUS**; click **Apply**.



4. Ensure the fuse for the white channel is set to 15A. If not, change the value to 15A.

Step 5: Scan for Devices

1. Click on the **Hamburger menu** (three horizontal lines) > **ezBUS Devices** > **Scan**.



5.7

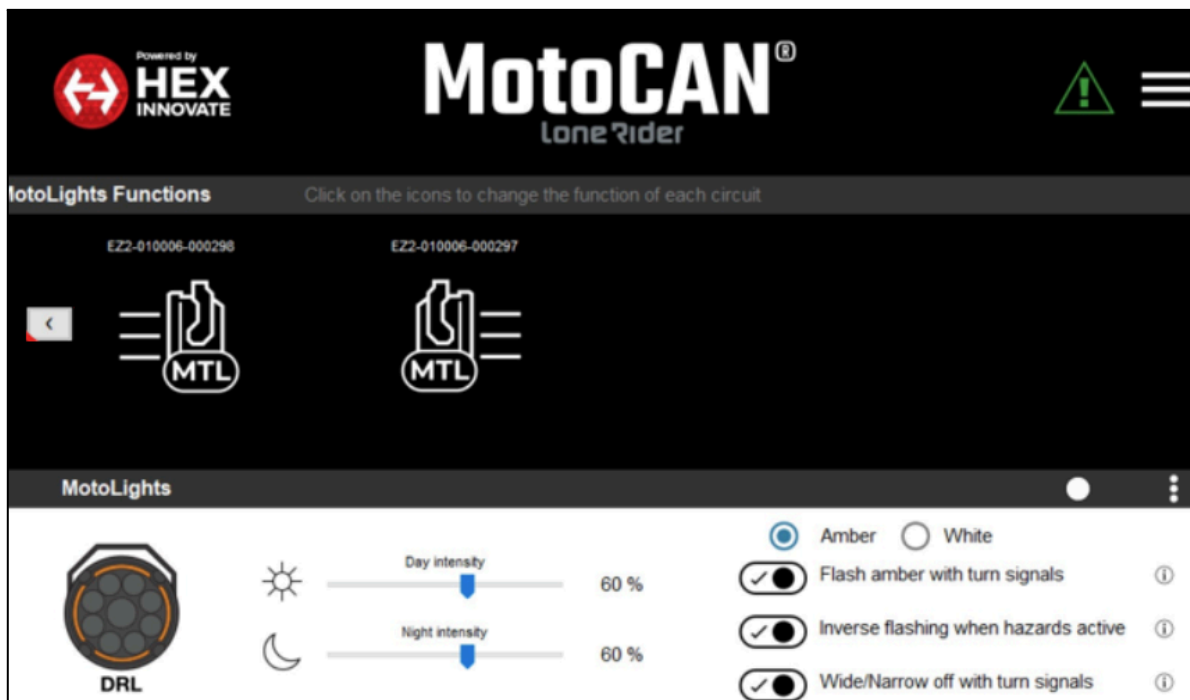
- The scan will identify your Motorcycle Lights.

| | Device | Serial number | Firmware | Address |
|---|------------|-------------------|----------|---------|
| 1 | MotoLights | EZ2-010006-000297 | 1.2.4 | 3B |
| 2 | MotoLights | EZ2-010006-000298 | 1.2.4 | 3A |

Scan ezBUS to detect new or removed devices

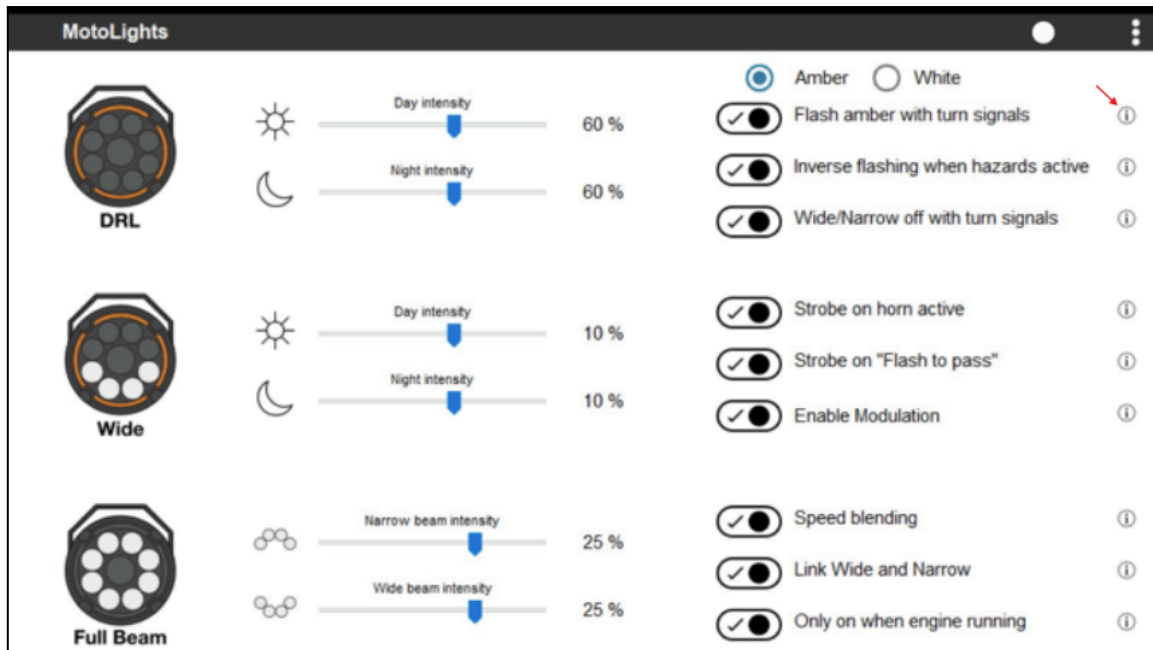
Scan Close

- Click **Close**.
- Once your Motorcycle Lights are identified, the ezCAN configuration panel will change to display the Motorcycle Lights settings at the top. You can navigate to the Motorcycle Lights by clicking the arrow next to the ezBUS output and return using the left arrow next to the Motorcycle Lights.



Step 6: Configure Your Motorcycle Lights

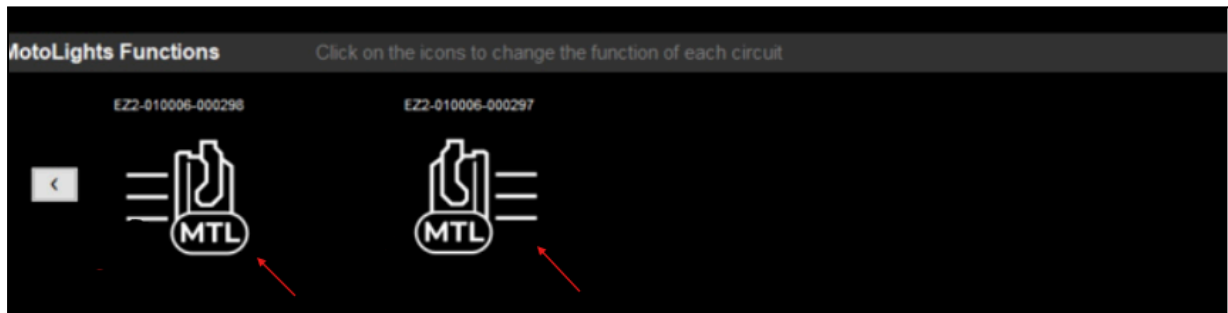
Your Motorcycle Lights are now functional! You can leave the default settings or adjust the various features to your preference. Short descriptions of each feature are available via the “information” icon in the software.



Step 7: Test Your Indicators

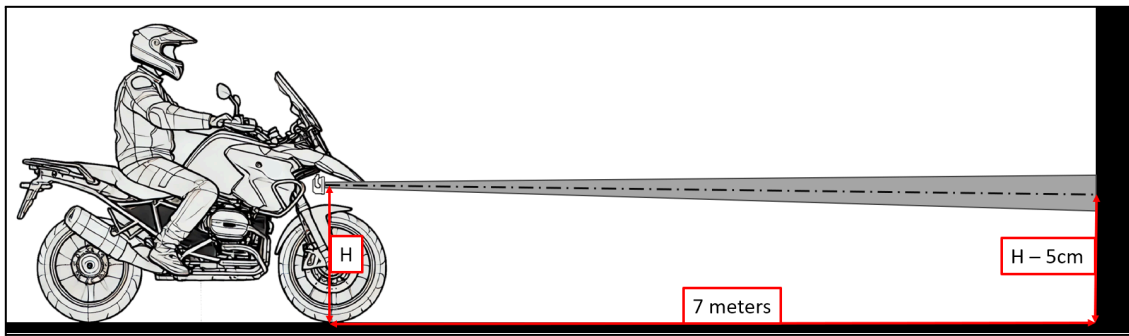
If your bike is compatible with the indicator function and the **Flash Amber with Turn Signals** feature is enabled:

1. Start your bike (if the **Only When Engine Running** feature is active).
2. Press the left indicator button on your bike.
3. Check that the left light blinks with the left indicator.
4. If this is not the case:
 - Click the **Motorcycle Light** icon > switch the direction to invert left and right.



5. Test again.

Step 8: Adjust the Position of the Lights



1. Have someone sit on the bike to keep it upright and stable. Position the motorcycle about 7 meters from a flat vertical wall.
2. Measure the distance from the ground to the center of the light pods (H).
3. On the wall, place a tape mark 5 centimeters below the height measured from the ground to the center of the lights (H-5 cm).
4. Loosen the bolts on the Motorcycle Lights, then adjust each light so the center of the hotspot aligns with the tape mark. Ensure the spacing of the hotspots on the wall matches the spacing on the bike.
*Tip: Use **Beast Mode** to easily locate the center spot (you can also power only the central spot by navigating to: Diagnostics > White Channel "ON" > Motorcycle Light 1 & 2: Spot "100%").*
5. Once final adjustments are made, tighten the Motorcycle Lights.

How to Use?

Refer to **Section 5 of the user manual** for details on how to use and control the lights, depending on your bike model.

You're now ready! Enjoy the ride!