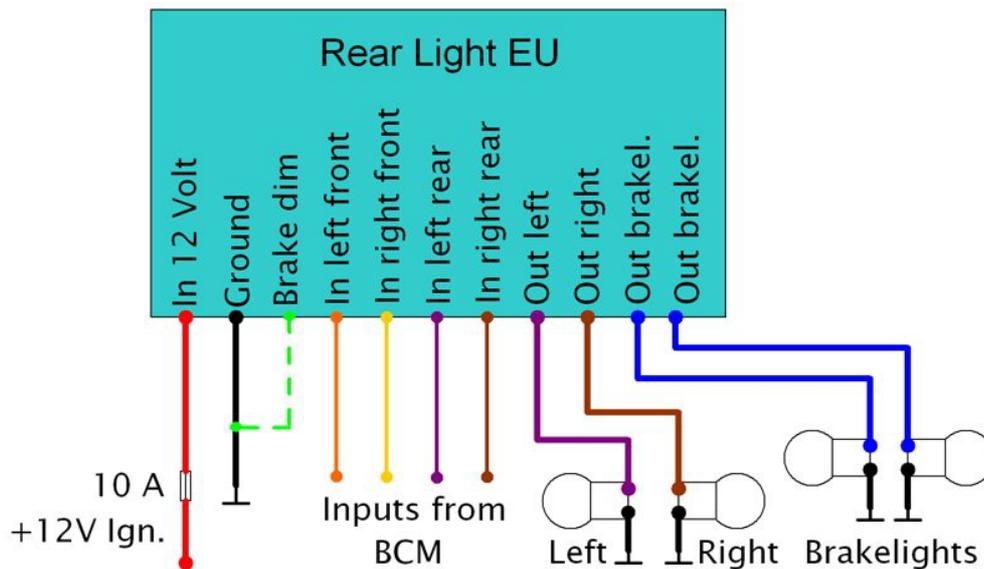


Installation manual of the Rear Light EU from 4 / 2020

The Rear Light EU is a microcontroller based solution that converts the two signals from the original flasher / brake light combination of an US bike or a car into four separate outputs for brake light / rear light and indicators.



Connection:

+ 12 Volt (Red): This cable is wired to a switched 12 Volt source, like tag light or rear light output of your bike.

Gnd (Black): Be connected to the chassis or minus of the harness

In Left / Right (thin violet and brown): These are the connections to the original cables that supplied the old brake light or flashers.

In left front (orange): Wire these cables to the left front indicator output of your BCM module.

In right front (Yellow): Wire these cables to the right front indicator output of your BCM module.

Out Left / Right (thick violet and brown): These are the outputs to your rear flasher / indicator lamps.

Brake Light (2 x blue): These are the one or two outputs to your brake light(s). Just leave one output unconnected if your bike has only one brake light.

Brake dim. (Green): The brake light is complete off if this cable is wired to ground and if no brake switch is activated. The brake light is dimmed down to 30 % if this cable is unconnected.

The outputs are short circuit protected if currents above 5 ampere are present. However, we suggest to wire an inline fuse in the + 12 Volt main line.

Please check your local regulations regarding the traffic light rules in your country before wiring of the Rear Light EU in your bike. Please be aware that we are not responsible for any hazards, damages or disadvantages due to the use of the electronicbox. The Rear Light EU is registered under the number DE54933725 WEEE as B2C device. We also declare that the Rear Light EU is conform to the CE and ROHS regulations for the European market. We tried to keep the functions of the Rear Light EU and this manual as simple as possible. If you have any questions during the installation please don't hesitate to contact us at info@elektronikbox.de

However, we wish you a lot of fun with your new Rear Light EU and of course always a safe trip!