Installation manual Speed 2 Brake

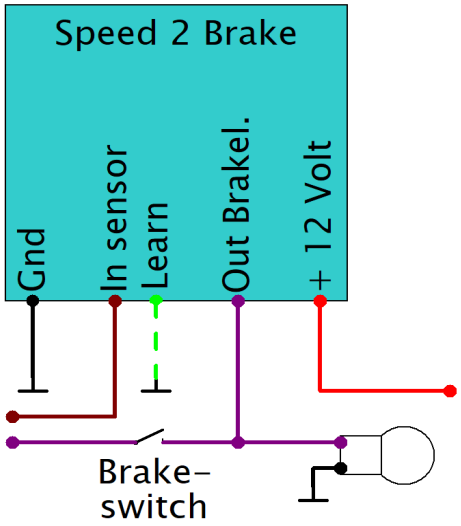
You don´t like to read manuals? Neither do we... However, it will take only 2 minutes of your time to read this and 15 minutes for the installation and you will have more fun with your new Speed 2 Brake :-)

The Speed 2 Brake is an adjustable brake switch with a speedsensor input. It check the negative acceleration when reducing the throttle and switch on the brakelight. This device will fit in your bike, regardless if you use conventional bulbs or modern led lights.

Installation:

- Remove the main fuse or the plus connector from the battery just in case.
- Connect the red cable to the side of the brakeswitch with constant power.
- The violet cable is wired to the brakelight. You can wire the included led at this cable and fix the led with tape on the tank for an easier adjustment of the sensitivity.
- Connect the black cable to the chassis of the bike or to a ground cable.
- Connect the green cable to ground.
- Connect the main fuse back.
- Choose the required negative acceleration sensitivity by choosing a number of flashes at the brakelight.

Schema:



Please note, that the output of the Speed 2 Brake can handle 5 Ampere, but will reduce the current in case of a short circuit after a few seconds with 10 ampere, what is pretty much for the most brake light cables. Just put a fuse between the red cable and the switched 12 Volt line. The fuse value depends of the power consumption of the brake light and should be max. 5 Ampere.

Describtion:

Green	Program cable. Just connect the green cable to ground before you switch on the power. The sensitivity is indicated by the number of flashes 1 flash is a high sensitivity and 10 flashes are low sensitivity. Just remove the green cable from ground after you have selected the sensitivity value. That´s it :-)
Red	Permanent + 12 Volt to the brake switch
Violet	Switched output from the brakeswitch to the brake light
Brown	Connection to the cable between wheel sensor and speedo. All active sensors with a square wave signal are fine.
Black	Ground

Note:

The Speed 2 Brake is made for bikes what have an indpendent cable to the brake light. It was developed for an implemenation in show bikes and racing bikes. It should be installed by professional well trained engineers only. Please check your local regulations regarding the brake light rules in your country before of the use of the Speed 2 Brake in your bike. Please be aware that we are not responsible for any hazards, damages or disadvantages due to the use of this device. The electronicbox devices are registered under the number DE54933725 WEEE as B2C device. We also declare that the Speed 2 Brake is conform to the CE regulations for the European market.

Technical details:

Input Voltage range: 6 - 18 Volt
Case dimensions: 38 mm x 16 mm x 11 mm
Case material: ABS potted with epoxy resin.
Maxmum output current: 5 Ampere
Temperature range: - 20 Grad C up to 80 Grad C

We wish you to have a lot of fun with your new Speed 2 Brake in your bike and of course always Ride Safe!