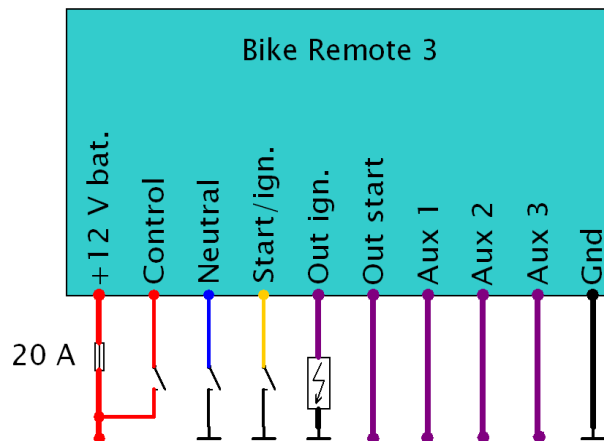


Installation of the Bike Remote 3

No time for manuals? We too. No problem, this installation manual will just take a few minutes of your time. The Bike Remote 3 is a switched power module with a bluetooth connection to your Android phone. You can control the ignition, the starter and 3 additional outputs of your bike just by a touch on a button at your smart phone. You can download the free app "Bike Remote 3" from our website.

Just install the app, switch on the bluetooth connection, type the code 007007 for the first bluetooth connection, allow the position identification in your phone for this app (under settings) and start the app. That's it.

Schematic:



Connections:

Red (thick cable), "+ 12 Volt Power": This cable is connected to + 12 Volt from the battery. Don't forget to use a 15 Ampere fuse inline.

Black "Gnd": This cable is connected to the frame or minus of the battery.

Red (thin cable), "+ 12 Volt Controller": This cable is connected to + 12 Volt via a switch. This allows to reduce the current of the module if the bike is not in use. The bike might make trouble to start if the controller power is on for about 1 week. So, we suggest to switch off the module if you don't have your bike in use. This will reduce the current to about 5 uA, which is much lower compared to the normal discharge of the battery.

Violet, "Out Ignition": This is the switched output to the ignition and the lights of your bike. This output can drive up to 20 Ampere, is short circuit protected and self resetting. However, we suggest to use an inline main fuse in the thick red cable, because the internal highside switch gets temperatures of up to 150 degree C in case of a short circuit, which results in gaps in the potting compound, resulting that the module is not waterproof anymore.

Violet, "Out Start": This is the switched output to the ignition and the lights of your bike. This output can supply 3 Ampere for the starter relay and is short circuit protected and self resetting.

Violet, "Out 1": This is the switched output 1. This output can drive 3 Ampere and is short circuit protected and self resetting.

Violet, "Out 2": This is the switched output 2. This output can drive 3 Ampere and is short circuit protected and self resetting.

Violet, "Out 3": This is the switched output 3. This output can drive 3 Ampere and is short circuit protected and self resetting.

Yellow, "Ign / Start": You can connect a push button at this cable. A short press on the button below about 0,3 seconds switches off the ignition. A longer press switches on the starter as long as the button is pressed and if the neutral switch is closed to ground. By the way, you don't need this button in all cases. You can switch off the ignition with the power switch as well as with your phone but a button is much more comfortable.

Blue: This cable is connected to the neutral switch. You can only start your bike when this cable is switched to ground. **Never ever wire this cable direct to ground. Somebody else (and for sure - later you...) might get in trouble if you start your bike by smartphone and the gearbox is not in the neutral position ;-)**

The Bike Remote 3 was developed for an implementation in show bikes and racing bikes. It should be installed by professional well trained engineers only. Please be aware that we are not responsible for any hazards, damages or disadvantages due to the use of the electronicbox. The electronicbox devices are registered under the number DE54933725 WEEE as B2C device. We also declare that the Bike Remote 3 is conform to the CE and ROHS regulations for the European market.

We tried to keep the functions of the Bike Remote 3 and this manual as simple as possible. If you have any questions while the installation please don't hesitate to contact us at: info@elektronikbox.de

We wish you to have a lot of fun with your new Bike Remote 3 in your bike and of course always a safely trip!