

B-Tronic is a 50Hz GPS receiver for BMW models which can determine lap times. It uses the original BMW dashboard and the lap times will be displayed directly on your dash. B-Tronic is compatible with all BMW S1000RR & S1000R models.

Fit the B-Tronic connector to the special input of your motorcycle, you can find it on a right hole of the frame under the tank, check the images below to locate the connector. Remove the cap and connect the B-Tronic's connector.



The module must be placed in an easy access place since the button must be pressed while driving. The GPS is located inside the module in the opposite side of the button, see the image beside.



Place the receiver module with the writing facing upwards and in a horizontal position with a clear and unobstructed view of the sky placed in a way that pushing the button you will not cover the GPS receiver with your hand (see the image below); we suggest the fork plate of the bike or the top side of the dashboard.

**CORRECT – GPS RECEIVER NOT COVERED**  
CORRETTO – RICEVITORE GPS NON COPERTO



**NOT CORRECT – GPS RECEIVER COVERED**  
NON CORRETTO – RICEVITORE GPS COPERTO



The tank fuel or the inner intakes of the bikes are advised because the GPS receiver would be fully covered by the body of the rider and his helmet or would be covered by the bike itself during a corner with high lean angle.

When switching on the device, the led on the module indicates the GPS receiver status:

- **Solid:** the signal which is being received is not strong enough to locate the position. If a long period of time has passed or if you have travelled several kilometres from the place you last switched on the device, you have to wait up to 4-5 minutes to receive a signal; otherwise one minute is necessary to locate the position. If the led does not change status, position the receiver in a less restricted area because the GPS receiver couldn't receive a good signal.

- **Slow blink:** satellites signal reception. It is now possible to store your destination. Such coordinates will be kept stored until subsequent memorisation, even in the event of battery replacement.

- **Double blink:** the position which has been detected is within 6km from the coordinates of the previously stored destination; in this case there is no need to store the destination again as it is already memorized.

To be able to reveal the lap times you must activate the lap timer on the dash, refers to motorcycle's instruction manual.

**Storage of finish line:** press the button in the location where you want to store the finish line (don't place the finish line in the middle or nearby a corner but always on a straight); after pressing the button the led will stop to flash for a while and at the same moment the session will begin in the device to which the receiver is connected.

We advise to store the finish line coordinates from the pit-lane since the distance from the real trajectory of the bike may not be enough.

Fix the entire length of the sensor cable, make sure that the cable is not under tension when using the device.