

Operation Manual

MBIQ-P

Dear Customer,

Please read the instructions carefully before using the device and keep them in a safe place.

If the device is passed on, these instructions must also be handed over. The manufacturer assumes no liability if the information in this manual is not observed.

In the context of further development, we reserve the right to change the product, packaging or description documents at any time.

Intended Use:

The purchased device is a tuning product that may only be used on pedelecs in private, closed areas, such as for sports and advertising purposes.

The current speed profile is analyzed, processed and manipulated values are output when tuning is activated.

If the tuning is active, speeds over 25 km/h are blocked for the motor firmware,

which means that the displayed speed always remains ≤ 25 km/h!

Motor / connector system:

Compatible with most common

Bosch mid-motors:

Active Line

Performance Line

Performance Line CX

Cable length: approx. 50 mm

Operating modes: permanently activated, permanently deactivated, activation according to switch-on condition

Power supply:

No separate supply necessary!

Installation:

The MBIQ-P is inserted between the speed sensor which works in conjunction with the magnet attached to the rear wheel.

To do this, the plug end of the sensor must be plugged into the socket provided on the tuning.

The lead out connector end goes into the

Motor socket removed in the same position as before.

The end of the connector is plugged into the engine compartment, which in most cases requires removing the left crank arm to access it.

Special tools are available for this purpose (if not included in the scope of delivery). Please refer to the respective manufacturer's information in order to use them correctly.

Please remove the battery from the system before starting work!

Access to the engine compartment

Please consult the manufacturer before using the extractor if you are unsure about its use.

Example of a crank removal tool for removing the crank arm.

Your engine compartment may have additional plastic covers, which you can now remove to finally expose access to the connector end.

Now carefully pull the grey plug, out of the socket in the engine compartment.

Now insert the tuning kit into the sensor circuit as described.

Installation of the original sensor

If the tuning is integrated, you can check the correct function before the assembly.

Turn on the system and perform a few revolutions of the wheel.

If the display shows a speed, the device is in progress.

In the same way as opening the engine compartment, you can now close it again and reattach the possibly removed crank according to the manufacturer's instructions.

Make sure that this is done properly, or consult a specialist.

Once the installation is complete, you can change the way the tuning works if necessary.

Read the next chapter about this.

Operating modes:

You can choose between three operating modes:

- Tuning permanently activated
- Tuning permanently deactivated
- Tuning according to the switch-on condition

Explanation:

1. Permanent tuning activated

In this operating mode, the speed limit is permanently canceled.

The speed actually driven no longer corresponds to the displayed speed from around 25 km / h. For the motor firmware manipulated values are ≤ 25 km / h

2. Permanent tuning deactivated

No lifting of the speed limit.

The actual speed driven corresponds to the displayed speed. Support up to 25 km / h.

3. Tuning according to the switch-on condition

To activate the tuning, the magnet must be in front of the sensor for at least 4 seconds while it is starting up. Otherwise the tuning is deactivated.

(The time is roughly the same as that until the display is ready to go.)

Programming the operating modes

To get into programming mode, you have to carry out the following sequence:

Turn off the bike and wait a moment ...

Make sure that the spoke magnet is in front of you
switching on the system at the level of the
Sensor.

Then turn on the system.

Important:

The start of the counts for the rest of the process

Systems (e.g. LED goes on), not the whole
boot up the display!

Leave the magnet on for about 3

Positioned 4 seconds in front of the sensor.

Remove the magnet from the sensor for approx. 1 - 2 seconds.

Bring the magnet again for 3

4 seconds in front of the sensor.

If the magnet is now removed, the tuning sensor jumps to programming mode.

If the process has been carried out correctly,

the display now shows the set operating mode by outputting different speeds on the respective display of your bike.

To navigate through the different operating modes,
it is sufficient to simply make one wheel revolution.
Each rotation jumps one point further.

Make sure that the magnet is not in front of the sensor after the rotation!

Tuning permanently activated

(the speed actually displayed may vary slightly!)

Tuning permanently deactivated

(the speed actually displayed may vary slightly!)

Tuning according to the switch-on condition

(the speed actually displayed may vary slightly!)

Disclaimer of liability

I expressly point out that E Bike Tuning products can only be used on Pedelecs and S Pedelecs in private,

locked area may be used,

such as for sports and advertising purposes.

E bike tuning is in the field of road transport

Order not allowed.

Use at your own risk.

No liability is accepted for any current or future damage to objects and / or people as a result of improper installation / attachment and / or use.

The guarantee of your e-bike is reached through the use or application of the

Tunings are restricted or expire completely,

since the installation or use of the e-bike tuning requires a modification or manipulation of your e-bike (pedelec or

SPedelec).

If your e-bike has an operating permit, this usually expires too. Please always drive carefully, use protective clothing such as helmets or protectors and do not put yourself or others in danger.

Please also note that some manufacturers use analysis software to detect manipulation of sensor data and possibly save this data permanently and evaluate it later.

Since the tuning products offered are based on the principle of

Speed manipulation, such logging cannot be ruled out even after firmware updates may have been carried out later.

No liability is accepted for any resulting damage. Please only use the product if you are aware of it!

