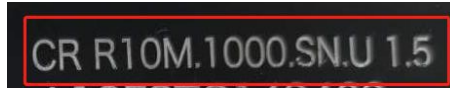


## MM G510 控制器标定

### Ultra's Controller Calibration (CR R10M)

#### 说明 Notice

1. 本标定只针对硬件号为 CR R10M.1000.SN.U 1.5 版本的控制器  
The calibration **is only for** controller model version <CR R10M.1000.SN.U 1.5>



2. 本标定试用范围：维修后、更换新控制器、烧写新程序后的 G510 电机  
The calibration applies to G510 motors **after repaired or replacing the new controller or updating the new program**

**警告：** 整车校准时，电机会带动后轮转动，请提前抬起后轮

#### WARNING:

Please be careful and **raise the rear frame of bicycle off ground**, since the motor will transmit its rotation to rear wheel through the clutch mechanism during calibration.

#### 校准步骤 Calibration Procedure

##### 第一步 Step1

将整套系统（电机控制器）组装完成 Assemble the controller and motor

##### 第二步 Step2

取校准专用仪表（技术提供）、EB-BUS 线束、电源转接线

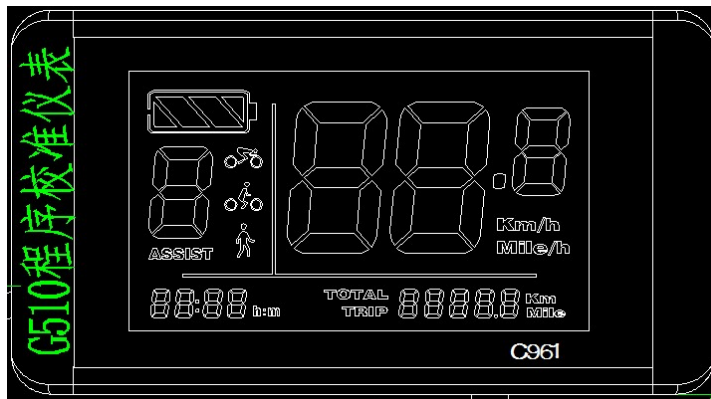
Prepare the **calibration display** (provided by BAFANG), **EB-BUS** and **power adapter cable**

##### 第三步 Step3

确认仪表软件号 Confirm software version of display **DPC01E10110.1**

仪表正面左侧激光标：G510 程序校准仪表

Laser mark on the left side of display: Calibration display for G510





#### 第四步 Step4

将线束、仪表接好，通电，打开仪表

*Plug in all the harnesses, power on, then turn on the display*

#### 第五步 Step5

长按开关键（）+减号键（）进入测试模式。

*Long press the power key and minus key to enter the test mode.*

若没进去，再次长按这两个键退出，重新长按开关键和减号键进入测试界面后，

*If you do not enter, long press these two keys to exit, and try it again.*

仪表右下角会显示 Er40（如下图所示），

*It will show Error 40 on the lower right corner of the display (as shown below)*



电机运行，自行转动

*The motor starts to run and rotates automatically*

随后显示 Er 41、Er 43

*Then it shows Er 41 、 Er 43 on the display*

最后显示 Er 95、96、97、98、44，校准结束

*Finally it will show Er 95、 96 、 97 、 98 in sequence, Er 44 means the calibration is over*

重启仪表后，电机即可正常工作

*After restarting the display, the motor can work normally*

#### 注意事项 Note

校准后报 Er51、84、85、53、63、73 的再次校准，仍报以上内容的，则判定为**不良品**

*If it shows any of these codes( Er 51 /84 /85 /53 /63 /73), please calibrate it again.*

*If the problem still occurs, we can regard it as a **defective product***

重新更换控制器，继续上述步骤校准

*Replace the controller, and repeat the above steps.*

*If you have any questions, please contact us. <service@bafang-e.com>*