产品使用说明书

Product User Manual

Vehicle mounted intelligent slope meter



FC CE RoHS Made In China

M60

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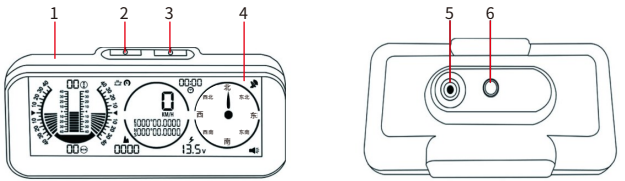
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*特别提醒:本产品工作电压为11.5V-30V,禁止使用高于30V的电压供电。

整机结构



1-ABS+PC耐高温材质; 2-左键(亮度切换); 3.右键-(一键复位); 4-高清显示屏;
5-DC12V电源插口; 6-支架固定口;

产品简介 PRODUCT INTRODUCTION

GPS M60是一款车载智能坡度仪能够实时准确检测车辆水平倾斜角度,俯仰角、横滚角都设置了安全警戒坡度报警功能,大大提高产品对用 户的安全防护等级,为车主保驾护航。通过GPS/ 北斗 双通道模块向卫星获取数据,信号稳定 等优势,通用于市面上所有车型,更是受到了大批用户的青睐。

显示功能



- A - 前后俯仰角刻度数值显示
- B - 前后俯仰角刻度显示器,采用游离式转动,前后刻度为±40°
- C - 左右横滚角刻度数字显示
- D - 左右横滚角刻度显示,采用游离式转动,左右刻度为±40°
- E - 疲劳驾驶报警图标
- F - 超速报警图标
- G - 海拔高度显示
- H - 经度纬度坐标显示
- I - 车速显示
- J - 车速单位显示
- K - 时间显示
- L - 电瓶电压显示
- M - 指南针显示
- N - 卫星GPS/北斗图标显示
- O - 声音图标(长按右键3秒开关声音)

产品配件 PRODUCT ACCESSORIES



主机



点烟线 (1.5米)



暗线(1.5米)



吸盘支架



保修卡



双面胶

产品功能

- 车速显示
- 经度纬度坐标
- 左右横滚角
- 前后俯仰角
- 海拔高度
- 指南针显示
- 时间显示
- 电瓶电压显示
- 超速报警设置
- 疲劳驾驶

恢复出厂设置：断电后长按住“左键”同时插入电源线，听到“滴”声后完成恢复出厂设置

产品特点

- 结合了GPS抬头显示器、车载坡度仪。
- 水平坡度仪数字显示加刻度显示。
- 适用于美洲车系、欧洲车、亚洲车系、新能源。
- 搭载高精度双通道卫星GPS和北斗信号模块。
- 全自动监测车辆行驶状况。
- 采用游离式转动，灵敏度高和稳定。
- 采用彩色高清液晶屏显示，分辨率清晰。
- 随车启动，停车自动休眠功能。

安装方式 PRODUCT INSTALLATION METHOD



方式一：使用双面胶固定



+



方式二：使用汽车支架固定



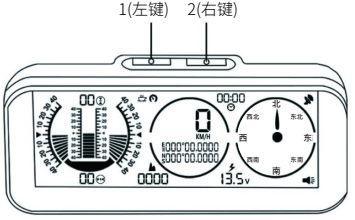




安装步骤

- 把汽车停放在水平道路上，将产品固定于汽车中控台方便观察的位置，安装完毕后，短按右键校准至水平复位。
- 连接电源，等待接收GPS卫星信号，直到各项数据显示正常，即可驾车行驶。

按键解析 KEY ANALYSIS

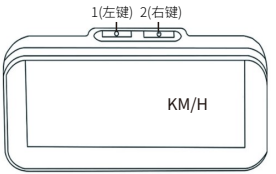


注明：1*（左键），2*右键

- 短按左键是调节屏幕亮度，长按“左键3秒”是进设置模式。
- 短按右键是一键校正水平复位，长按3秒开启/关闭声音，长按“右键5秒”是手动开关机。
- 在设置模式是通过“左键和右键”调整。长按左键3秒跳下一菜单设置，长按右键3秒为保存设置并退出

功能设置(长按“左键3秒”可依次跳转到下一个设置界面)长按“右键”保存

1.(KM/H-MPH)单位设置
长按"左键3秒"进入单位设置界面，
通过"左键和右键"调整好（长按右键保存）
KMH为公里单位，MPH为英里单位。
（出厂默认值：KM/H）（如右图一）



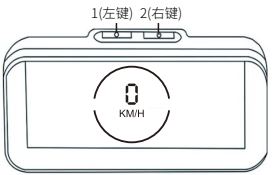
(图一)

2.超速报警设置
第二次长按"左键3秒"进入超速报警设置，
通过"左键和右键"调整好
（长按右键保存和退出）
（出 厂默认值：120KM/H）（如右图二）



(图二)

3.速度补偿设置
第三次长按"左键3秒"进入速度补偿设置，
通过"左键和右键"调整好（长按右键保存
和退出）（出厂默认值：0）（如右图三）



(图三)

4.时间补偿设置

第四次长按"左键3秒"进入时间设置界面，通过"左键和右键"调整好（长按右键保存和退出）

（无需设置：自动校正时间）（如右图四）

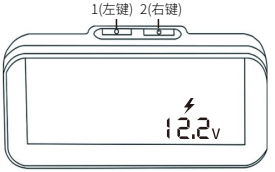


（图四）

5.电压补偿设置

第五次长按"左键3秒"进入电压微调补偿设置，通过"左键和右键"调整好（长按右键保存）

（补偿范围值：±3V）（如右图五）

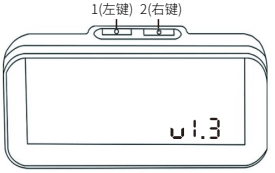


（图五）

6.版本号

第六次长按"左键3秒"进入版本号查看，查看完（长按右键保存和退出）

（如右图六）



（图六）

产品参数 PRODUCT PARAMETERS

- 电源：DC 11.5V ~ 30V
- 俯仰角：-40°~ +40°
- 时钟误差：< 1minute
- 电压测量精度：0.5V
- GPS 冷启动时间：32s（平均）
- 产品尺寸：127*25*60MM
- 工作温度：-20°C ~ +80°C
- 横滚角：-40°~ +40°
- 电压测量范围：DC 11.5V ~ 30V
- 速度精度：< 0.36Km/h
- GPS 热启动时间：10s（平均）
- 重量：137g

注意事项

- 说明书是本产品的必要组成部分，请仔细阅读。
- 妥善保存此说明书，以备需要的时候查看。
- 按照本说明书操作，并且只使用制造商推荐的附件。
- 本机只用于设计所明确的用途，切勿移作它用。
- 非技术人员不得私自改造，拆卸或维修本产品，如果因此带来的所有损失自行承担。
- 请勿刺划、弯折、扭曲、拉伸电线，且勿将电线置于高温处，勿重压、分解产品。
- 请勿将钉子、针等其他细小杂物置于电源口，以免损坏设备。
- 本产品通电使用，请勿让儿童当玩具。
- 请勿把本产品浸入水中或其他液体中可能发故障。
- 请尽量使用本产品标配电源及电源线。
- 在未使用状况下，请不要将本品放在强光或高温下爆晒烘烤。对由于使用不当或移作它用而引起的损害，厂家概不负责。

售后服务 AFTER-SALE SERVICE

售后保修

整机自客户签收日起享有1年保修期，附件1年保修期。

以下情况不在保修范围

- 非正规渠道购买的产品；
- 未按产品说明书要求使用和维护造成的损坏；

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INTRODUCTION TO THE MANUAL

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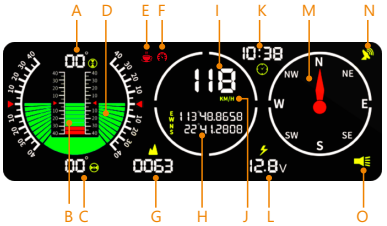
*Formal statement: The other product names mentioned in this manual are for illustrative purposes only and are intended to assist users in better understanding and operating this device. Please note that the content of this manual is for reference only. For specific usage methods and precautions, please refer to the official manual of each product or consult customer service.

***Special reminder: The working voltage of this product is 11.8V-36V, and it is prohibited to use voltage higher than 36V for power supply.**

PRODUCT INTRODUCTION

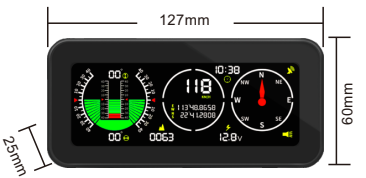
GPS M60 is an on-board intelligent inclinometer that can accurately detect the horizontal tilt Angle of the vehicle in real time. The pitch Angle and roll Angle are equipped with safety alarm slope alarm function, which greatly improves the safety protection level of the product for users and escorts the owner. Through the GPS/ Beidou dual-channel module to obtain data to the satellite, signal stability and other advantages, general in the market all models, is favored by a large number of users.

display function



- A - Front and rear pitch Angle scale value display
- B - Front and rear pitch Angle scale display, using free rotation, front and rear scale is ±40°
- C - Left and right roll Angle scale digital display
- D - Left and right roll Angle scale display, using free rotation, left and right scale is ±40°
- E - Tired driving alarm icon
- F - Overspeed alarm icon
- G - Altitude display
- H - Longitude and latitude coordinates display
- I - Speed indication
- J - Speed unit display
- K - Time display
- L - Battery voltage display
- M - Compass display
- N - Satellite GPS/ Beidou icon display
- O - Sound icon (long press right button to switch sound for 3 seconds)

PRODUCT ACCESSORIES



Host machine



Cigarette lighting line (1.5m)



Dark line (1.5m)



Sucker support



Warranty card



Double-sided tape

Product function

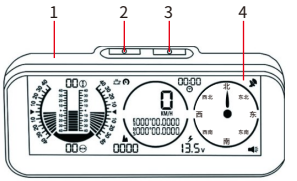
- Speed indication
- altitude
- Overspeed alarm setting
- Longitude and latitude coordinates
- Compass display
- Left and right roll Angle
- Front and rear pitch Angle
- Fatigue driving Settings
- Battery voltage display
- Time display

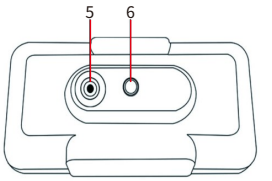
Restore factory Settings: After power off, long hold down the "left button" and insert thepower cable at the same time. After hearing the "drip" sound, the factory Settings are restored

Features:

- Combined with GPS head-up display and on-board inclinometer.
- Horizontal inclinometer digital display plus scale display.
- Suitable for American cars, European cars, Asian cars, new energy.
- It is equipped with a high-precision dual-channel satellite GPS and a Beidou signal module.
- Fully automatic monitoring of vehicle driving conditions.
- Free rotation, high sensitivity and stability.
- Color HD LCD display, clear resolution.
- With the car start, parking automatic sleep function.

Complete machine structure





1-ABS+PC high temperature resistant material;
2- Left button (brightness switch);
3. Right click - (one-button reset);
4- HD display;
5-DC12V power socket;
6- Bracket fixing mouth;

PRODUCT INSTALLATION METHOD



Method 1: Use double-sided tape to fix





Method 2: Use a car bracket to fix





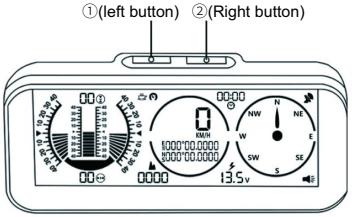


Installation procedure

● Park the car on the horizontal road, fix the product in the car center console convenient observation position, after installation, short press the right button to calibrate to the horizontal reset.

● Connect the power supply, wait to receive GPS satellite signals, until the data shows normal, you can drive.

KEY ANALYSIS



Note: 1* (left button), 2* (right button)

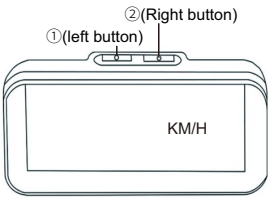
● Short press the left button to adjust the screen brightness, long press the left button for 3 seconds to enter the setting mode.

● Short-press the right button to correct the horizontal reset, hold down the sound for 2S, and hold down the "Right button for 5 seconds" to switch the machine on and off manually.

● The Settings mode is adjusted by "left and right keys". Long press the left button 3S to enter the next menu setting, long press the right button 3S to save the setting and exit

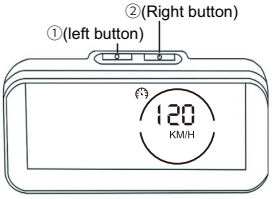
Function Settings (Hold down the Left button for 3 seconds to go to the next setting screen.) Hold down the right button to save the Settings

1. (KM/H-MPH) unit setting, long press "Left button for 3 seconds" to enter the unit setting interface, adjust it by "left button and right button" (long press the right button to save) KMH is in kilometers and MPH is in miles. (Factory default: KM/H) as shown in Figure 1 on the right)



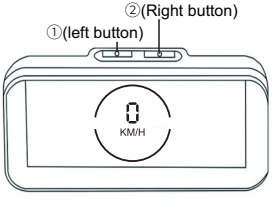
(Figure 1)

2. Overspeed alarm setting
Long press "Left button for 3 seconds" a second time to enter the overspeed alarm setting,
Adjust it with the left and right buttons
(Long right-click to save and exit)
(Default value: 120KM/H)
(as shown in Figure 2 on the right)



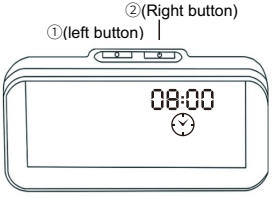
(Figure 2)

3. Speed compensation Settings
Long press "Left button for 3 seconds" for the third time to enter the speed compensation setting, “Left and right buttons" adjust well
(long press the right button to save and exit)
(Factory default: 0)
(as shown in Figure 3 on the right)



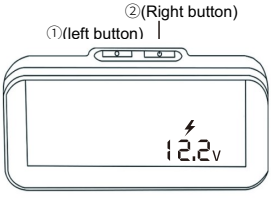
(Figure 3)

4. Time compensation Settings
Long press "Left button for 3 seconds" for the fourth time to enter the time setting screen
"Left and right buttons" adjust well
(long press the right button to save and exit)
(as shown in Figure 4 on the right)



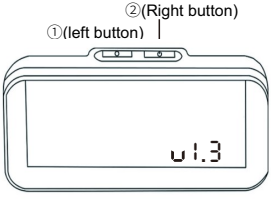
(Figure 4)

5. Voltage compensation Settings
Long press "Left button for 3 seconds" for the fifth time to enter the voltagec compensation setting.
Adjust by "left and right" button
(long press right button to save)
(Compensation range: ±3V)
(as shown in Figure 5 on the right)



(Figure 5)

6. Version numberLong press "Left button for 3 seconds" for the sixth time to enter the version number to view,View finished
(long right-click to save and exit)
(as shown in Figure 6 on the right)



(Figure 6)

Note the meaning of the matter

- The manual is a necessary part of this product, please read it carefully.
- Keep this manual safe and ready to review when needed.
- Follow this instruction manual and use only the accessories recommended by the manufacturer.
- This machine should only be used for the purpose specified in the design, do not use it for other purposes.
- Non-technical personnel shall not modify, disassemble or repair this product without permission, and bear all the losses caused by it.
- Do not stab, bend, twist, stretch the wire, and do not place the wire at high temperature, do not stress, decompose the product.
- Do not place nails, needles and other small objects in the power port to avoid damage to the device.
- This product is used with electricity, do not let children as toys.
- Do not immerse this product in water or other liquids.
- Please use the power supply and power cord as standard as possible.
- Do not bake this product under strong light or high temperature when not in use. The manufacturer shall not be liable for any damage caused by improper use or diversion.

VEHICLE SMART SLOPE METER: M60

PRODUCT PARAMETERS

- Power supply: DC 11.5V ~ 30V
- Pitch Angle: -40°~ +40°
- Clock error: < 1minute
- Voltage measurement accuracy: 0.5V
- GPS cold start time: 32s (average)
- Operating temperature: -20°C ~ +80°C
- Roll Angle: -40°~ +40°
- Voltage measurement range: DC 11.5V ~ 30V
- Speed accuracy: < 0.36Km/h
- GPS hot start time: 10s (average)
- Product size: 127*25*60MM
- Weight: 137g

AFTER-SALE SERVICE

After-sales warranty

- The whole machine enjoys a 1-year warranty period from the date of customer signature, and the attachments have a 1-year warranty period.

The following conditions are not covered by warranty

- Products purchased through informal channels;
- Damage caused by not using and maintaining according to the requirements of the product specification;