Product User Manual

Vehicle mounted intelligent slope meter



FC CE RoHS Made In China

M60

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INTRODUCTION TO THE MANUAL

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The company and its branches shall not be liable for any costs or expenses incurred due to the misuse or alteration of the device by the user or a third party, or the failure to follow the company's instructions resulting in damage or loss of the device.

*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.

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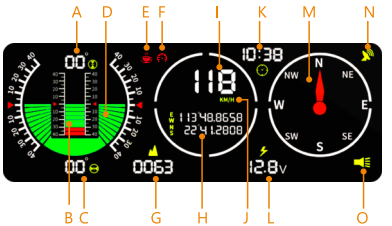
*Special reminder: The working voltage of this product is 11.8V-36V, and it is prohibited to use voltage higher than 36V for power supply.

PRODUCT INTRODUCTION

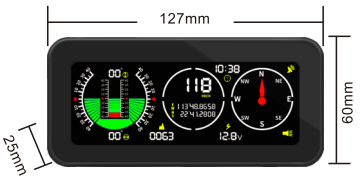
GPS M60 is an on-board intelligent inclinometer that can accurately detect the horizontal tilt Angle of the vehicle in real time. The pitch Angle and roll Angle are equipped with safety alarm slope alarm function, which greatly improves the safety protection level of the product for users and escorts 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

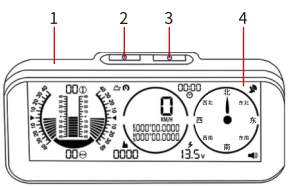
- Speed indication
- altitude
- Overspeed alarm setting
- Longitude and latitude coordinates
- Compass display
- Left and right roll Angle
- Front and rear pitch Angle
- Fatigue driving Settings
- Battery voltage display
- Time display

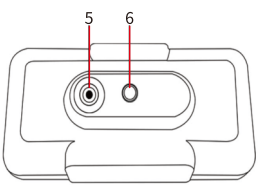
Restore factory Settings: After power off, long hold down the "left button" and insert thepower cable at the same time. After hearing the "drip" sound, the factory Settings are restored

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





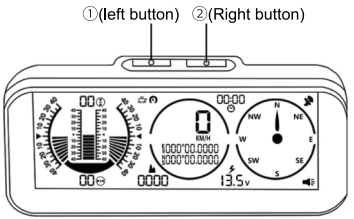


Installation procedure

● 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)

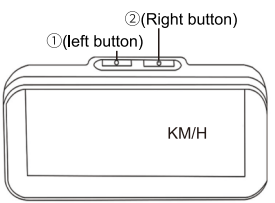
● Short press the left button to adjust the screen brightness, long press the left button for 3 seconds to enter the setting mode.

● 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

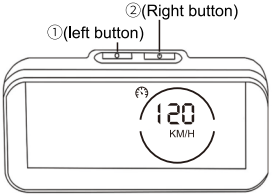
Function Settings (Hold down the Left button for 3 seconds to go to the next setting screen.) Hold down the right button to save the Settings

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)



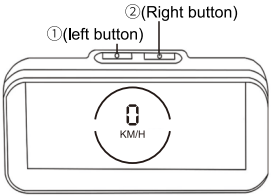
(Figure 1)

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)



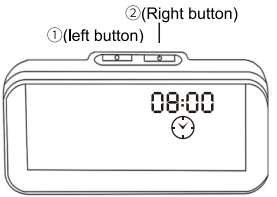
(Figure 2)

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)



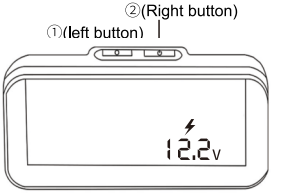
(Figure 3)

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)



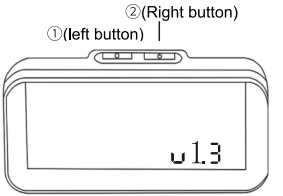
(Figure 4)

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℃ ~ +80℃
- 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;