Product User Manual

Vehicle mounted intelligent slope meter



FC CE RoHS Made In China

M50

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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.

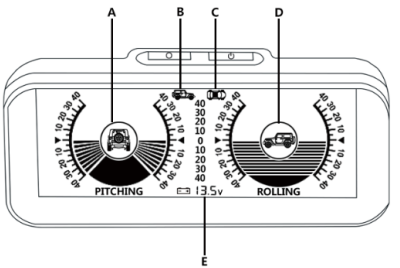
*Formal statement: The other product names mentioned in this manual are for illustrative purposes only and are intended to assist users in better understanding and operating this device. Please note that the content of this manual is for reference only. For specific usage methods and precautions, please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

***Special reminder: The working voltage of this product is 11.5V-30V, and it is prohibited to use voltage higher than 30V for power supply.**

PRODUCT INTRODUCTION

M50 is a car mounted intelligent slope meter that can accurately detect the horizontal tilt angle, pitch angle, and roll angle of the vehicle in real time. It is equipped with safety warning slope alarm functions to monitor the vehicle's situation in real time, greatly improving the product's safety protection level for users and providing protection for car owners. By converting car charging to DC power supply, the quality is more stable, and it is widely used in all off-road vehicles, sedans, and motorcycles on the market. It is also an essential tool for off-road enthusiasts.

display function



- A-roll angle indicator area, real-time measurement of vehicle roll angle, using free rotation, with a left and right angle of 40 degrees
- B-Off road driving mode display
- C-City driving mode display

D-elevation angle indication area, real-time measurement of vehicle inclination angle, using free rotation, with a forward and backward angle of 40 degrees

E-car motorcycle battery voltage monitoring display area, displaying the current battery

PRODUCT ACCESSORIES



Host



Cigarette lighting line (1.5m)



Dark line (1.5m)



Sucker support



Warranty card



Double-sided tape

PRODUCT FEATURES

main features

- Suitable for all car models
- Fully automatic monitoring of vehicle driving conditions
- Manually adjust the brightness of the display screen
- Adopting a free rotation, it has a high sensitivity
- Adopting a high-definition color LCD screen display with high resolution
- Designed with ABS high-temperature resistant material
- Onboard start, automatic sleep function when parked

PRODUCT INSTALLATION METHOD



Method 1: Fix with double-sided tape



Method 2: Fix the bracket with screws



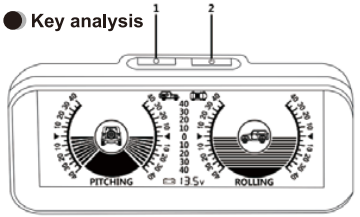


Installation steps

- Park the car on a level road surface, stick the adhesive on the product, fix it anywhere inside the car for easy observation, and manually adjust it to level.
- Connect the power supply until all data is displayed normally, and then drive the vehicle.

KEY ANALYSIS

Key analysis



1- Left button: Function button
2-Right click: power on/off button

*Press and hold the left function key for 5 seconds to enter the settings function,
Long press the right button to manually shut down

Normal mode

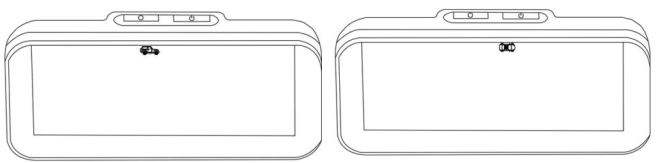
1- Left function key
Short press for 1 second to adjust backlight brightness, long press for 5 seconds to enter settings mode
2-Right function key
Short press for 1 second to reset the horizontal depression angle, long press for 5 seconds to turn on/off the device

Set mode

1. Left function key: Short press for 1 second to switch modes
2-Right function key: Short press for 1 second to switch modes, long press for 5 seconds to save settings and exit

Introduction to Setting Functions

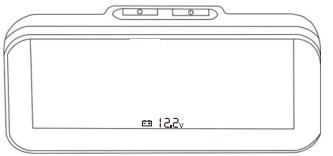
(After setting up, press the left or right function key for 5 seconds to save the settings and exit)



Set menu screen	function	instructions
	Switching driving modes	Off road mode, city mode, switched by short forward or short backward dial

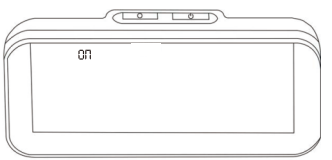
② **Voltage compensation interface**

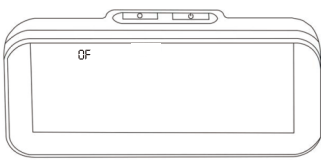
Long press the left button for 3 seconds to enter the second voltage compensation interface (short press the left button to add, short press the right button to subtract, adustable value)



③ **Sound switch interface**

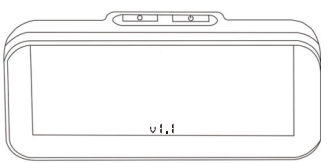
Short press the left and right buttons to adjust, select ON sound on, select OF sound off



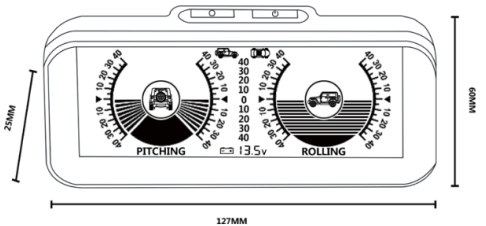


④ **Version Number Interface**

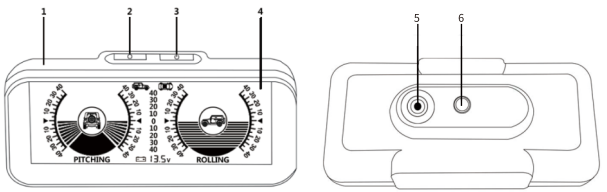
Latest program version number



PRODUCT PARAMETERS



Whole machine structure



1- ABS shell 2- Left button function key 3- Switch function key
4- High definition LCD display screen
5-DC12V power supply interface 6-bracket fixed adapter

Work environment and technical indicators

Power Supply:	DC11.5V~30V	Voltage measurement range:	DC11.5V~30V
Working temperature:	−20°C~+70°C	Voltage measurement accuracy:	0.5v
Pitch angle:	−40°~+40°	Roll angle:	−40° ~ +40°
Product size:	127*25*60MM	Weight:	230g

AFTER-SALE SERVICE

After sales warranty

The whole machine is entitled to a one-year warranty period from the date of customer receipt, and the attachment has a one-year warranty period.

Warranty method

- Repair or replace the equipment according to the specific fault situation;
- We guarantee that all replaced parts, accessories, or equipment are brand new;
- If the customer experiences a malfunction within 90 days of receiving the product and provides videos and pictures, we will bear the shipping cost and provide corresponding accessories for free replacement to the customer. If the product is received for more than 90 days, the customer will bear the corresponding costs, and we will provide free replacement parts to the customer;

The following situations are no longer covered by free warranty

- Products purchased through informal channels;
- Damage caused by failure to use and maintain according to the product manual requirements;