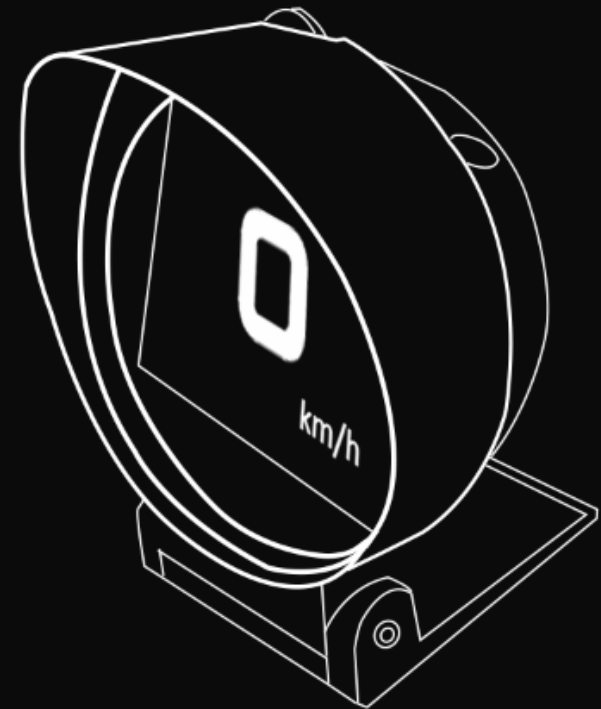


GPS vehicle escort instrument S96

GPS vehicle escort instrument S96
Intelligent multi-function heads-up instrument

User Manual



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特别说明：

本说明书详细介绍了智能多功能平视仪表的结构原理、功能特点、工作参数与环境及操作方法作了简要说明，本公司保留更改产品设计与规格权利，实物配置以产品包装内容为准。

产品简介

S96是一款GPS智能多功能车载抬头显示器，它可通过电源线连接汽车OBD接口读取ECU输出的实时数据，支持OBD九大协议。还可通过GPS／北斗卫星双通道模块获取卫星信号数据，双信号更稳定。采用高清显示屏，效果炫丽清晰，让视觉一目了然，既可以开车不低头，随时关注到车辆动态，大大的提高了驾驶安全，更是受到了大批新老司机的青睐。

本产品延用HUD汽车抬头显示功能与车载坡度仪两大功能相结合的理念，大大提高产品对用户的安全防护等级，为车主保驾护航。

功能包括（OBD车速，转速，水温，电压，海拔高度，横滚角，俯仰角，经纬度，电子时钟，超速报警，随车启动等等。）

产品简介

X96是一款车载智能显示仪表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，并搭载GPS/北斗双通道模块向卫星获取数据，实时监控车辆情况,大大提高产品对用户的安全防护等级，为车主保驾护航，通用于市面上所有车型，更是越野爱好者的必备神器。

功能与特点

主要功能

- | | | |
|----------|--------|---------|
| • 卫星车速显示 | • 行驶时间 | • 行驶里程 |
| • 卫星颗数 | • 时间 | • 日期 |
| • 星期 | • 指南针 | • 横滚角显示 |
| • 俯仰角显示 | • 海拔高度 | • 经纬度显示 |

产品特点

- 适用于市面上所有小型汽车
- 搭载高精度双通道卫星 GPS 信号模块
- 全自动监测车辆行驶状况
- 采用游离式转动，其灵敏程度较高
- 采用彩色高清液晶屏显示，分辨率较高
- 随车启动，停车自动休眠功能
- 指南针显示，随行驶方向跳动
- 采用ABS耐高温材质设计

工作环境及技术指标

电源：DC10V~30V;

工作温度：-40° C~+80° C;

俯仰角：-40° ~+40° ;

横滚角：-40° ~+40° ;

GPS数据刷新速率：1s;

产品尺寸：80*40*95MM

重量：110g;

电压测量范围：DC10V~30V;

电压测量精度：0.5V;

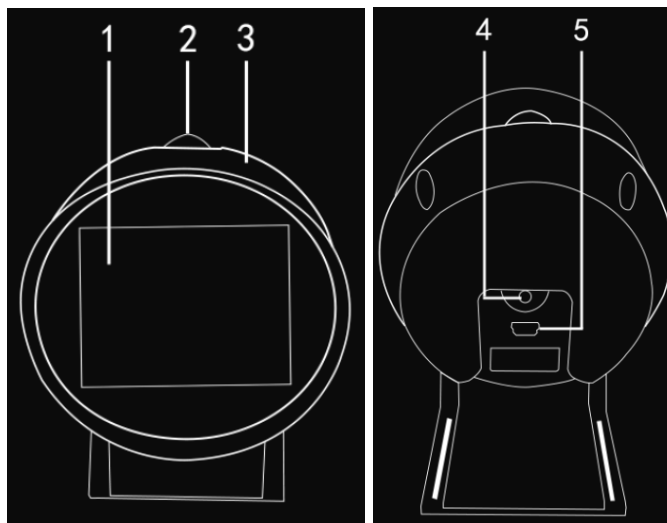
速度精度：<0.36Km/h;

GPS冷启动时间：32s（平均）；

GPS热启动时间：1s（平均）；

无线传输频率：2.4GHz;

整机结构



- | | | |
|-----------|----------------|-----------|
| 1-高清液晶显示屏 | 2-滚轮功能键 | 3-ABS材质外壳 |
| 4-光电传感器 | 5-mini USB供电接口 | |

显示界面及功能介绍

简单模式（卫星车速显示）



里程模式



A-卫星车速
C-行驶时间

B-卫星颗数
D-行驶里程

时间模式



A-时间显示
C-星期显示

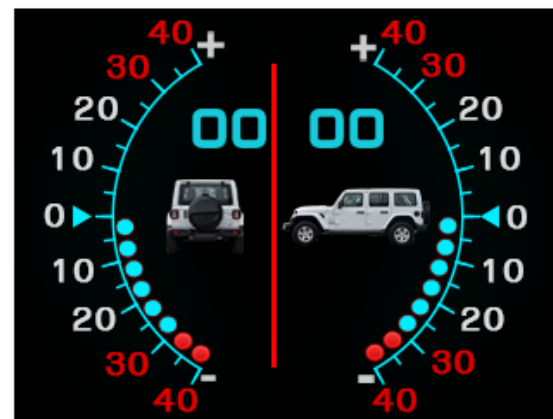
B-年月份显示

安全驾驶模式



车速和指南针显示

越野模式



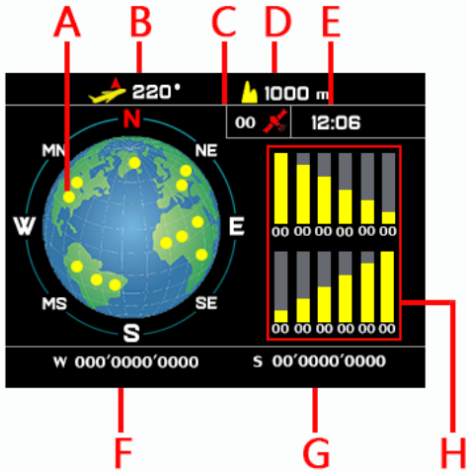
横滚角和俯仰角显示

数字时代



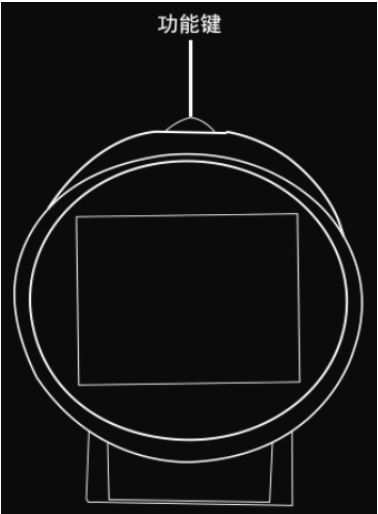
- A-时间显示
- B-行驶里程
- C-行驶时间
- D-GPS卫星车速
- E-海拔高度
- F-指南针

星座模式



- A-指南针
- B-航向角
- C-卫星颗数
- D-海拔高度
- E-时间显示
- F-经度坐标
- G-纬度坐标
- H-卫星信号强弱

功能键说明：



- 正常模式：
长按功能键5S为进入设置模式，左右滑动为切换显示界面。
- 设置模式：
短按功能键为选下一项功能设置，左右滑动为设置参数。
- 越野模式显示界面：
短按功能键为校准水平坡度。

设置功能说明：

1-语言， 长按功能键进入设置模式， 通过左右滑动功能键选择中英文语言， 长按功能键保存并退出。

设置		
EN	语言	cn
LR	速度单位	KM/H
	海拔单位	m
MPH	超速预警	120
	时间补偿	h0
	车速补偿	00
	声音开关	open

2-速度单位，在设置模式短按一次功能键切换到速度单位设置，左右滑动功能键切换(KMH-MPH)公里和英里单位

设置		
EN	语言	cn
LR	速度单位	KM/H
⌚	海拔单位	m
MPH	超速预警	120
📶	时间补偿	h0
🔊	车速补偿	00
ⓘ	声音开关	open

3-海拔单位，在设置模式短按两次功能键切换到海拔单位设置，左右滑动功能键切换(M-FT)米和英尺单位

设置		
EN	语言	cn
LR	速度单位	KM/H
⌚	海拔单位	m
MPH	超速预警	120
📶	时间补偿	h0
🔊	车速补偿	00
ⓘ	声音开关	open

4-超速预警，在设置模式短按三次功能键切换到超速预警设置，左右滑动功能键调整超速预警数值

设置		
EN	语言	cn
LR	速度单位	KM/H
⌚	海拔单位	m
MPH	超速预警	120
📶	时间补偿	h0
🔊	车速补偿	00
ⓘ	声音开关	open

5-时间补偿，在设置模式短按四次功能键切换到时间补偿设置，左右滑动功能键调整时间误差，以小时为单位

设置		
EN	语言	cn
LR	速度单位	KM/H
⌚	海拔单位	m
MPH	超速预警	120
📶	时间补偿	h0
🔊	车速补偿	00
ⓘ	声音开关	open

6-车速补偿，在设置模式短按五次功能键切换到车速补偿设置，左右滑动功能键调整车速误差值

设置		
EN	语言	cn
LR	速度单位	KM/H
	海拔单位	m
MPH	超速预警	120
	时间补偿	h0
	车速补偿	00
	声音开关	open

7-声音开关，在设置模式短按六次功能键切换到声音开关设置，左右滑动功能键关闭或开启声音

设置		
EN	语言	cn
LR	速度单位	KM/H
	海拔单位	m
MPH	超速预警	120
	时间补偿	h0
	车速补偿	00
	声音开关	open

安装步骤

- 把汽车停放在水平路面上，将背胶粘贴在产品上，固定于汽车内部方便观察的任何位置。
- 连接电源线，手动将越野模式调校至水平。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。

售后服务

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。

保修方式

- 根据具体的故障情况对设备进行修理或更换；
- 我方保证所有更换的部件、附件或设备都是全新；
- 在客户收到产品90天内出现故障同时提供视频和照片，我方承担运费并免费提供相应配件给客户更换。收到产品超过90天，客户承担相应费用，我方免费提供配件给客户更换；

以下情况不在免费保修范围

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- 未按产品说明书要求使用和维护造成的损坏；

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Official statement: the other product names mentioned in this specification are intended to explain how the equipment is used, and the ownership of the registered trademark still belongs to the original company.

Please save this manual

Dear users:

Hello! First of all, thank you very much for using our company's series of products, to be able to serve you is our greatest honor, your recognition and support is our driving force to move forward! Our company's series of products have perfect warranty and excellent service quality, so they are widely used.

Support and praise from big customers. Since its inception, the company has been adhering to the business philosophy of "customer first, quality first"; fulfilling the service tenet of "seize the opportunity, explore and innovate, develop products with strong competitiveness"; run through the "people-oriented" corporate culture of "reputation first". Please read this manual carefully before using this product. The manual adopts the way of picture and text, together with the illustrations of the text to explain the operation of the product in detail and intuitively. In addition, due to different production dates and batches, the description may be different from the actual use of the product, please take the physical object as the standard. Thank you again for your support and patronage, and sincerely hope that you will give us your valuable feedback during the use process. Your support and support is the driving force for us to move forward! "go out happily and go home in peace" is our greatest wish. Finally, we sincerely wish you a happy family and everything goes well!

Special note:

This manual introduces in detail the structure, principle, functional features, working parameters, environment and operation methods of the intelligent multi-function heads-up instrument. The company reserves the right to change the product design and specifications, and the physical configuration shall prevail on the content of the product packaging.

Product introduction.

X96 is a GPS intelligent multi-function vehicle head-up display, which can read the real-time data output of ECU through the automobile OBD interface connected with the power cord, and supports nine OBD protocols. The satellite signal data can also be obtained through the GPS/ Beidou satellite dual-channel module, and the double signal is more stable. The use of high-definition display screen, the effect is dazzling and clear, so that the vision at a glance, not only can drive without bowing, pay attention to the dynamics of the vehicle at any time, greatly improve the safety of driving, but also favored by a large number of new and old drivers. This product extends the concept of the combination of HUD vehicle head-up display function and on-board slope meter, which greatly improves the safety protection level of the product to users and escorts the car owners.

Functions include (OBD speed, speed, water temperature, voltage, altitude, roll angle, pitch angle, longitude and latitude, electronic clock, overspeed alarm, starting with the car, etc.).)

Product introduction.

S96 is a vehicle intelligent display instrument that can real-time and accurately detect the horizontal tilt angle of the vehicle, the pitch angle and roll angle are equipped with a safety warning slope alarm function, and equipped with GPS/ Beidou dual channel module to obtain data from the satellite, real-time monitoring of the vehicle situation, greatly improve the safety protection level of the product to users, escort for car owners, common to all models on the market, but also a necessary artifact for off-road enthusiasts.

Functions and characteristics.**Main function.**

- Satellite speed display.
- Driving mileage.
- Time.
- Week.
- Roll angle display.
- Altitude.
- Travel time.
- Number of satellites.
- Date.
- Compass.
- Pitch angle display.
- Latitude and longitude display.

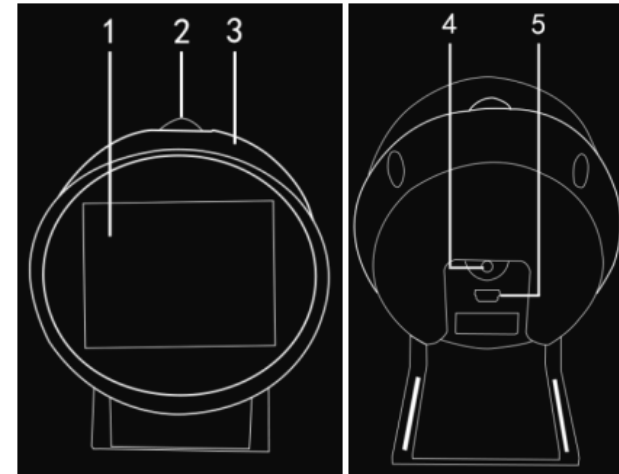
Product characteristics.

- Suitable for all small cars on the market.
- Equipped with high-precision dual-channel satellite GPS signal module.
- Fully automatic monitoring of vehicle driving condition.
- The use of free rotation has a high degree of sensitivity.
- Display with color HD LCD screen with high resolution.
- Start with the car, stop the automatic dormancy function.
- The compass shows that it jumps in the direction of driving.
- Adopt ABS high temperature resistant material design.

Working environment and technical indicators.

- Power supply: DC10V~30V.
- Voltage measurement range: DC10V~30V.
- Operating temperature: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$.
- Voltage measurement accuracy: 0.5V.
- Pitch angle: $-40^{\circ} \sim +40^{\circ}$.
- Speed accuracy: $< 0.36\text{Km/h}$.
- Roll angle: $-40^{\circ} \sim +40^{\circ}$.
- GPS cold start time: 32s (average).
- GPS data refresh rate: 1s.
- GPS warm start time: 1s (average).
- Product size: 80*40*95MM.
- Wireless transmission frequency: 2.4GHz.
- Weight: 110g

Whole machine structure



- 1-HD LCD display. 2-Roller function key.
3-ABS material shell. 4-photoelectric sensor.
5-mini USB power supply interface

Introduction to display interface and function.

Simple mode (satellite speed display)



Mileage model



A-satellite speed.
C-travel time.

B-Number of satellites.
D-mileage.

Time pattern.



A-time display.
C-week display.

B-year month display.

Safe driving mode.



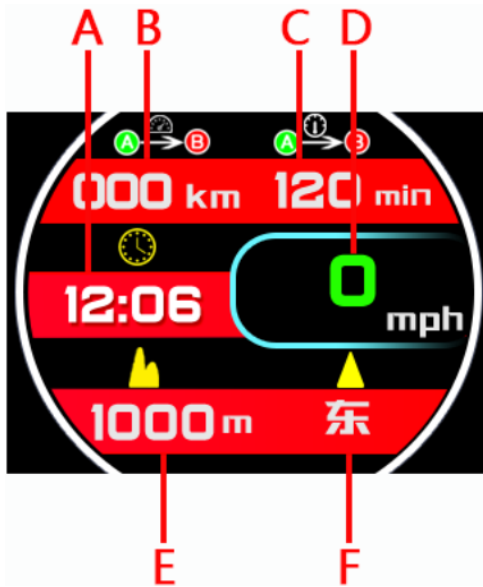
The speed and compass show.

Off-road mode



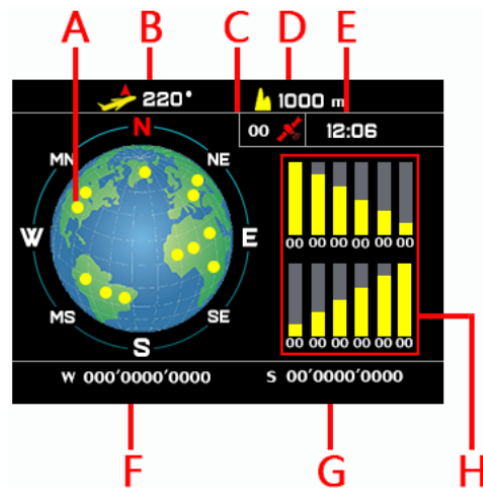
Roll angle and pitch angle display

Digital era.



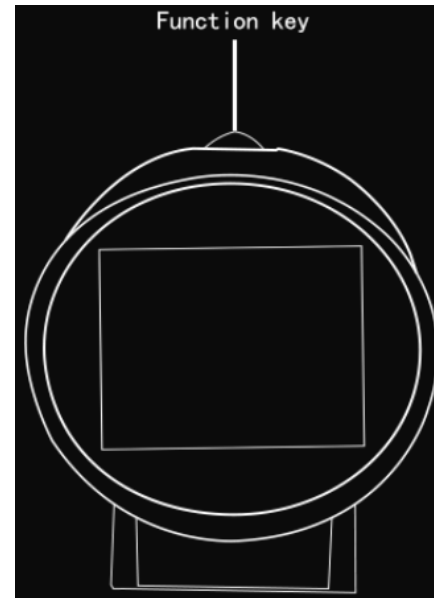
A-time display.
B-mileage.
C-travel time.
D-GPS satellite speed.
E-altitude.
F-compass.

Constellation mode.



A-compass.
B-heading angle.
C-satellite number.
D-altitude.
E-time display.
F-longitude coordinates.
G-latitude coordinates.
H-strength of H-satellite signal

Function key description:



Normal Mode:

Long press the function key 5S to enter the setting mode, left and right.
Slide to toggle the display interface.

Set mode:

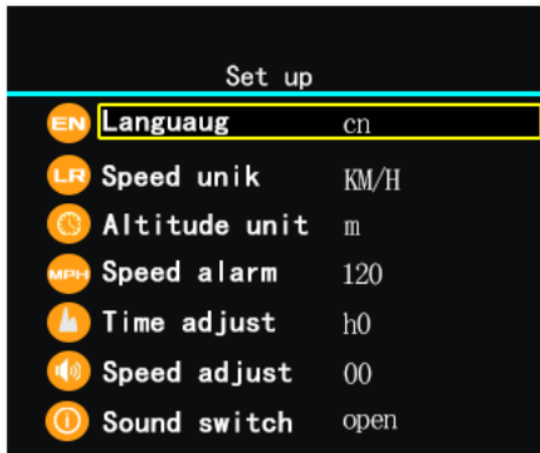
Press the function key to select the next function setting, left.
Slide right to set the parameter. Cross-country mode

display interface:

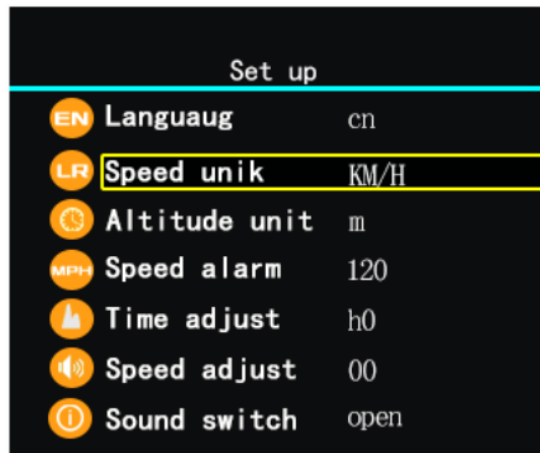
Short press the function key to calibrate the horizontal slope.

Setting function description:

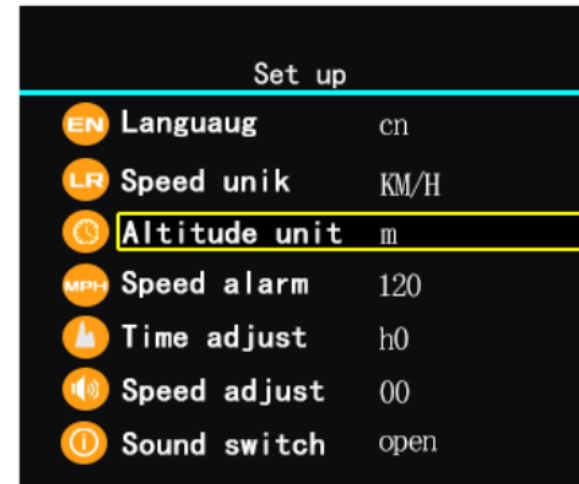
1-language, long press the function key to enter the setting mode, select the Chinese and English language by sliding the function key left and right, and long press the function key to save and exit.



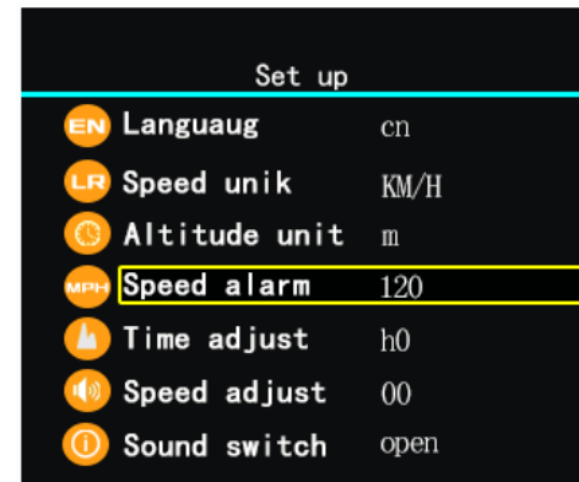
2-speed unit, in the setting mode, press the function key once to switch to the speed unit setting, and slide the left and right function keys to switch (KM/H-MPH) kilometer and mile units.



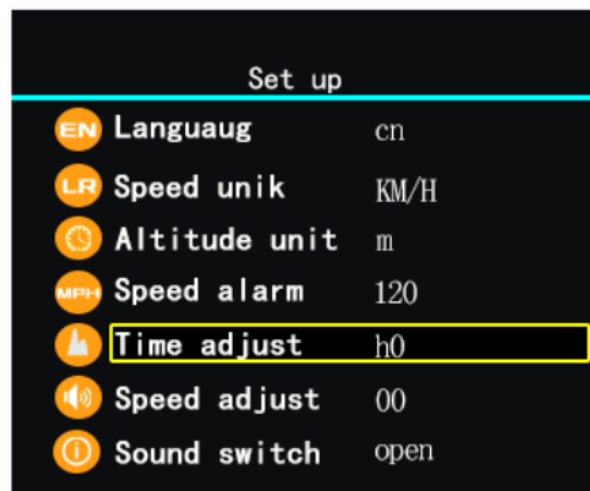
3-altitude unit, in the setting mode, press the function key twice to switch to the altitude unit setting, and slide the left and right function keys to switch (M-FT) meters and feet units.



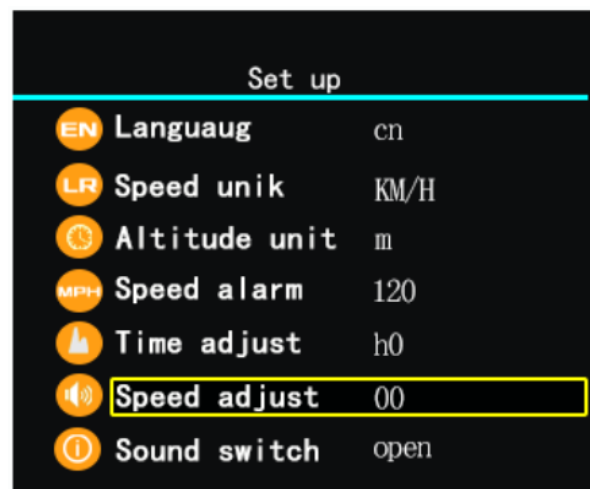
4-overspeed warning, in the setting mode, press the function key three times to switch to the overspeed warning setting, and slide the function key left and right to adjust the overspeed warning value.



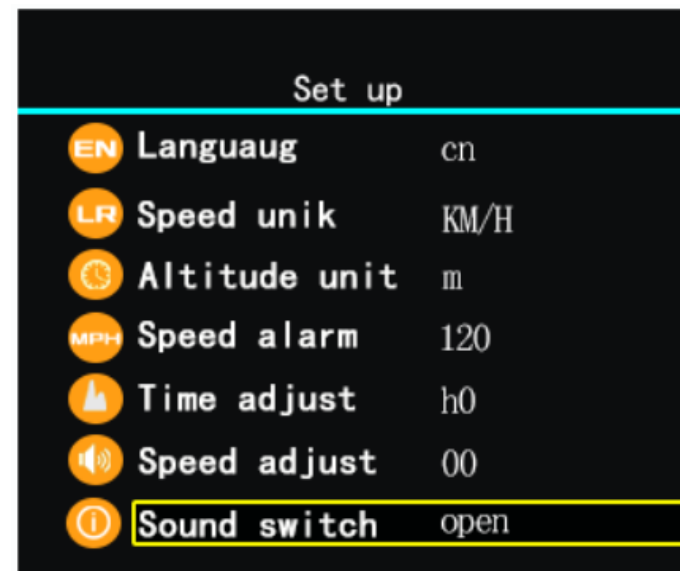
5-time compensation, press the function key four times in the setting mode to switch to the time compensation setting, and slide the function key left and right to adjust the time error in hours.



6-Speed compensation, press the function key five times in the setting mode to switch to the speed compensation setting, and slide the function key left and right to adjust the speed error.



7-sound switch, press the function key six times in the setting mode to switch to the sound switch setting, and slide the function key left and right to turn off or turn on the sound.



Installation steps.

- Park the car on the horizontal road, paste the back glue on the product, and fix it in any position inside the car where it is easy to observe.
- Connect the power cord and manually adjust the off-road mode to the level. Wait for the GPS satellite signal to be received until the data show normal, and then you can drive.

after-sale service.

After-sale warranty.

The whole machine has a 1-year warranty period from the customer signing date, and the attachment 1-year warranty period.

Warranty mode.

- Repair or replace the equipment according to the specific failure situation.
- We guarantee that all replacement parts, accessories or equipment are brand new.
- When the failure occurs within 90 days after the customer receives the product, we will provide videos and photos at the same time, we will bear the freight and provide the corresponding accessories to the customer for replacement free of charge. If the product is received for more than 90 days, the customer will bear the corresponding fee, and we will provide the spare parts for replacement free of charge.

The following circumstances are not covered by the free warranty.

- Products purchased through informal channels.
- Damage caused by failure to use and maintain in accordance with the product instructions.

Disclaimer:

the company reserves the right to change the product design and specifications without prior notice. The appearance and color of the object may be different from those shown in the manual, please take the object as the standard. We have Try our best to make all the descriptions in the book accurate, but there are still some inadequacies. If in doubt, please contact the dealer or after-sales service center. Our company has the right of final interpretation of the product. Do not bear any consequences arising from misunderstandings.