

PYLE

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PHUD19

Portable Car Heads-Up Display

Vehicle Speed & GPS Compass HUD Monitor System

USER MANUAL

TO ENSURE YOUR UNIT IS SET UP AND FUNCTIONING PROPERLY IT IS CRUCIAL YOU READ AND FOLLOW THIS USER MANUAL'S SET UP PROCEDURES.

Introduction

The unit is designed to display the driving information offering a safer driving experience day to day as well as more importantly at high speeds and during night driving. As it removes the need for the driver to dip their head to view the instrument cluster. Installing this unit correctly will enable you to more effectively monitor your speed, this is helpful for novice drivers as well as experienced drivers in potentially avoiding speeding infringements.

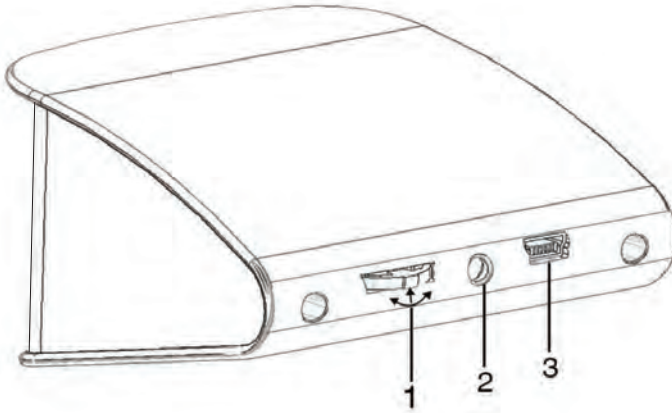
Installation

Put the unit near in front of the dashboard, then connect the USB car charger to car cigarette lighter. Start the engine, the unit will power **ON** and search the satellite number, the unit will work after few seconds.

Main Functions and Features

1. Compatible with all vehicle, easy installation, plug and play
2. **TFT LCD** multi color smart display
3. The language can be changed (*Chinese or English*)
4. Multi function display or simple function display can be switched freely
5. **New Functions:** Accelerating competitive mode. Brake performance test
6. **Rich Contents:** Driving speed, voltage, single driving distance, driving direction, altitude, satellite numbers, system local time, driving trip time, over speed alarm, switch freely between kilometers and miles.

Key Functions



- 1. Setting Button:** Push left/right, short press/press and hold **IN**
- 2. Light Sensor**
- 3. USB Interface**

Setting Button Functions ↕

- 1. Short Press IN:** (1) Switch for display mode (2) confirm the menu after entering the menu
- 2. Push Left:** (1) Switch for left area functions (2) change the function setting after entering the menu
- 3. Push Right:** (1) Switch for right area functions (2) change the function setting after entering the menu
- 4. Long Press IN:** After entering the menu and finish the setting, press and hold for 5 seconds to save and exit.

Push Left/Right to switch function

Below are function abbreviations

GPS- The available satellites

VLT- Voltage

DIR- Driving Direction

Sys- Local System Time

TIM- Trip Time

DIS- Single Driving distance

ASL- Altitude

Performance Testing

- **Speedup Test**

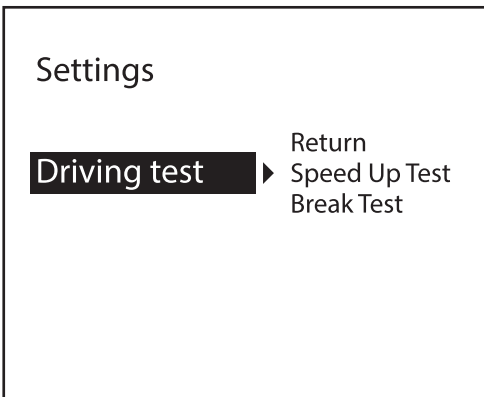
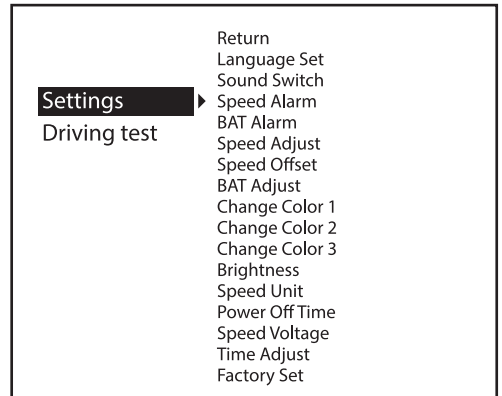
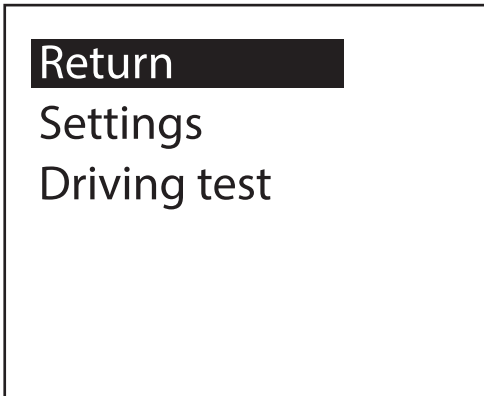
Shows the speed, distance, driving 400m takes time, driving 0-100km takes time

- **Brake Test**

Brake when the speed is over 60km/h, it will show brake distance and time

Setting Mode

Press and hold **IN** to enter into the setting mode, push right to choose the menu, and short press **IN** to confirm. Once setting is done, press and hold to exit.



Setting Functions

- **Language Set:** Please choose your familiar language (EN-English, CN-Simplified Chinese, TW-Traditional Chinese)
- **Sound Switch:** Turn **ON/OFF** the buzzer
- **Speed Alarm:** Default value is 150
(the default value can be changed, push left to decrease, push right to increase)
- **BAT Alarm:** Default setting is **OFF**, turn right the setting button to open the **BAT Alarm** and set the default alarm value.
- **Speed Adjust:** Adjust the speed according to the dashboard, default value is 107%
- **Speed Offset:** When the vehicle turns **OFF**, but the device speed is not 0, then adjust the device **Speed Offset** value, If the device speed shows 5MPH, then change the device **Speed Offset** default value at 5
- **BAT Adjust:** If the battery voltage is different with the vehicle, it can be adjusted.
- **Change Color 1:** Default color is **white** (top speed part in default interface)
- **Change Color 2:** Default color is **red** (left part in default interface)
- **Change Color 3:** Default color is **green** (right part in default interface)
- **Brightness:** Default is Auto, means Auto brightness adjustment.
 - 1-Darkest
 - 2 to 8, the brightness will increase
 - 8 is the most bright.
- **Speed Unit:** Default is Mile, can be change to KM
- **Power OFF Time:** Default power off time is 180s, for Auto start and stop cars, please make the power off time to 180-240s
- **Sleep Voltage:** Default is **OFF**, if the device can't auto shut off, please adjust the voltage at 13.2V or higher
- **Time Adjust:** When the device searched the satellite successfully, adjust the device time as your local time and exit.
- **Factory Set:** Short press **IN** to reset in factory settings

Technical Parameters:

Environment Temperature: -40c- + 80c

Atmospheric Pressure: 86-106KPa

Relative Humidity: 10% -95%

Environmental Noise: ≤60dB (a)

(A) Alarm Sound Level: ≥30dB (A)

Working Voltage: 9V ~ 16Vdc (12Vdc / 400mA)

Product Size: 73*68*46(cm)

Product Weight: 50g

Troubleshooting

1. No Power and Display on Screen

Start the car engine; check if the cable line is tight; or connect the USB to the computer to check

2. Inaccurate Time

When the device searched the satellite successfully (The default is New York time), set it to your local time then save and exit.

3. Inaccurate Speed

When the product is powered **ON**, press and hold **IN** button to enter into menu option, and right push once switched to setting, then short press in the button to the menu, and right push the button switch to the speed adjust option.
(If the dashboard shows 100, and the device shows the 101, change the default value at 106%)

4. Over Speed Alarm

Default alarm is 150MPH, please refer to setting to change the value.

5. The Device cannot Auto Power OFF

After vehicle turns off, the device still displays the speed, switch the setting to Speed Offset and adjust the value same as the device speed. *(If the device shows 5mph after the vehicle turns off, then change the speed offset at 5mph)*

6. Wrong Operation Leads to Crash

Reset to factory setting.

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Features:

- Heads-Up Display System with Vehicle Readout
- 2.6"-inch Digital Multi-Color Smart Display
- Mounts onto Dashboard for Driving Info Projection
- Convenient Vehicle Data: Displays Speed & GPS Compass
- New! Speed-Up and Brake Test Feature
- Dual Core Processor Chip for Real-Time Data
- Clear Readout Visibility in Day or Night Time Driving
- Integrated Light Sensors for Automatic Image Balance
- Automatic Sync, Power ON/OFF with Engine Ignition
- *Universal Compatibility for Automobile, Car, Truck, Vehicle
- Easy Set-Up: Plug and Play via Car Charging Port

What's in the Box:

- HUD Interface
- Dashboard Housing Mount
- Power Cable Adapter
- Manual

Technical Specs:

- Alarm Sound Level: $\geq 30\text{dB}$
- Power Cord Length: 8.2' Feet
- Working Voltage: 9V ~ 16Vdc (12Vdc / 400mA)
- Unit Dimensions (L x W x H): 2.87"x2.68"x1.81" inches

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