

[Manuals.plus](#) /

› [Liiyuan](#) /

› Liiyuan M1 Green Windshield Projection GPS Heads Up Display User Manual

Liiyuan M1

Liiyuan M1 Green Windshield Projection GPS Heads Up Display User Manual

1. INTRODUCTION

The Liiyuan M1 is a GPS-based Heads Up Display (HUD) designed to project essential driving data directly onto your vehicle's windshield. This device provides a clear and simple view of your speed and other critical information, allowing you to maintain focus on the road. Its plug-and-play design ensures easy installation and immediate use across various vehicle types.



Figure 1: Angled view of the Liiyuan M1 Green Windshield Projection GPS Heads Up Display.

2. PRODUCT FEATURES

The M1 HUD offers a range of functions to enhance your driving experience:

- **Speed Display:** Shows current vehicle speed in either Miles Per Hour (MPH) or Kilometers Per Hour (KM/H).
- **Overspeed Alarm:** Emits an audible alert when a preset speed limit is exceeded.
- **Fatigue Driving Alarm:** Provides a warning after continuous driving for an extended period.
- **GPS Compass:** Displays the current travel direction (North, South, East, West).
- **Automatic Brightness Adjustment:** Built-in light-sensitive elements automatically adjust display brightness based on ambient light conditions. Manual adjustment is also available.
- **Satellite Signal Indicator:** A flashing icon indicates the device is acquiring satellite signals.

M1 GPS SPEEDOMETER FUNCTION



Speed



Buzzer



Compass



Light sensor



Satellite icon



Speed unit



Speeding alarm



Fatigue driving alarm



Figure 2: Overview of Liiiyuan M1 GPS Speedometer functions.

The M1 HUD is designed for universal compatibility with various vehicle types, including ATVs, pickups, bicycles, motorcycles, scooters, marine boats, trains, trucks, buses, vans, and SUVs.

UNIVERSAL GPS SPEEDOMETER

ATV/Pickup/Bicycle/Motorcycle/Scooter/MarineBoat/
Train/Truck/Bus/Van/SUV

(Please use the USB cable that comes with the product to connect the machine.)



Figure 3: Universal compatibility of the M1 GPS Speedometer.

3. SETUP AND INSTALLATION

The Liiiyuan M1 HUD is designed for straightforward installation:

1. **Placement:** Place the M1 HUD on your vehicle's dashboard, ensuring it has a clear view of the sky for optimal GPS signal reception.
2. **Power Connection:** Use the provided USB cable to connect the M1 HUD to your vehicle's USB port or a 12V car charger adapter (not included). The working voltage of this product is 5V; it is prohibited to use a voltage higher than 5V for power supply.
3. **Power On:** Start your vehicle's engine to power on the device.
4. **Satellite Acquisition:** Upon powering on, the small satellite icon on the display will flash continuously. This indicates the device is searching for and acquiring satellite signals. Speed will be displayed only after a stable GPS signal is established.
5. **Windshield Projection:** The M1 will project the display onto your windshield. For enhanced clarity, especially in bright conditions, a reflective film (included in accessories) can be applied to the windshield where the

projection appears.

The product is equipped with a USB cable for power supply.

Please use the USB cable that comes with the product to connect the machine.



Figure 4: Connecting the M1 HUD with the provided USB cable.

Installation method of the product

Kind reminder: The working voltage of this product is 5V, and it is prohibited to use a voltage higher than 5V for power supply.



Figure 5: Illustration of the M1 HUD installation method.

PRODUCT ACCESSORIES



Figure 6: M1 HUD product accessories.

4. OPERATING INSTRUCTIONS

Once installed and powered on, the M1 HUD will automatically begin displaying information after acquiring a GPS signal. The display will show your current speed and travel direction.

- **Automatic Brightness:** The display brightness will automatically adjust to match the ambient light, ensuring visibility during both day and night driving.
- **Manual Brightness Adjustment:** You can manually adjust the brightness if desired. Refer to the 'Settings Adjustment' section for details on button functions.
- **Alarms:** The device will emit a beeping sound to alert you of overspeed conditions or if you have been driving continuously for an extended period, serving as a safety reminder.

ACTUAL PRODUCT PHOTO

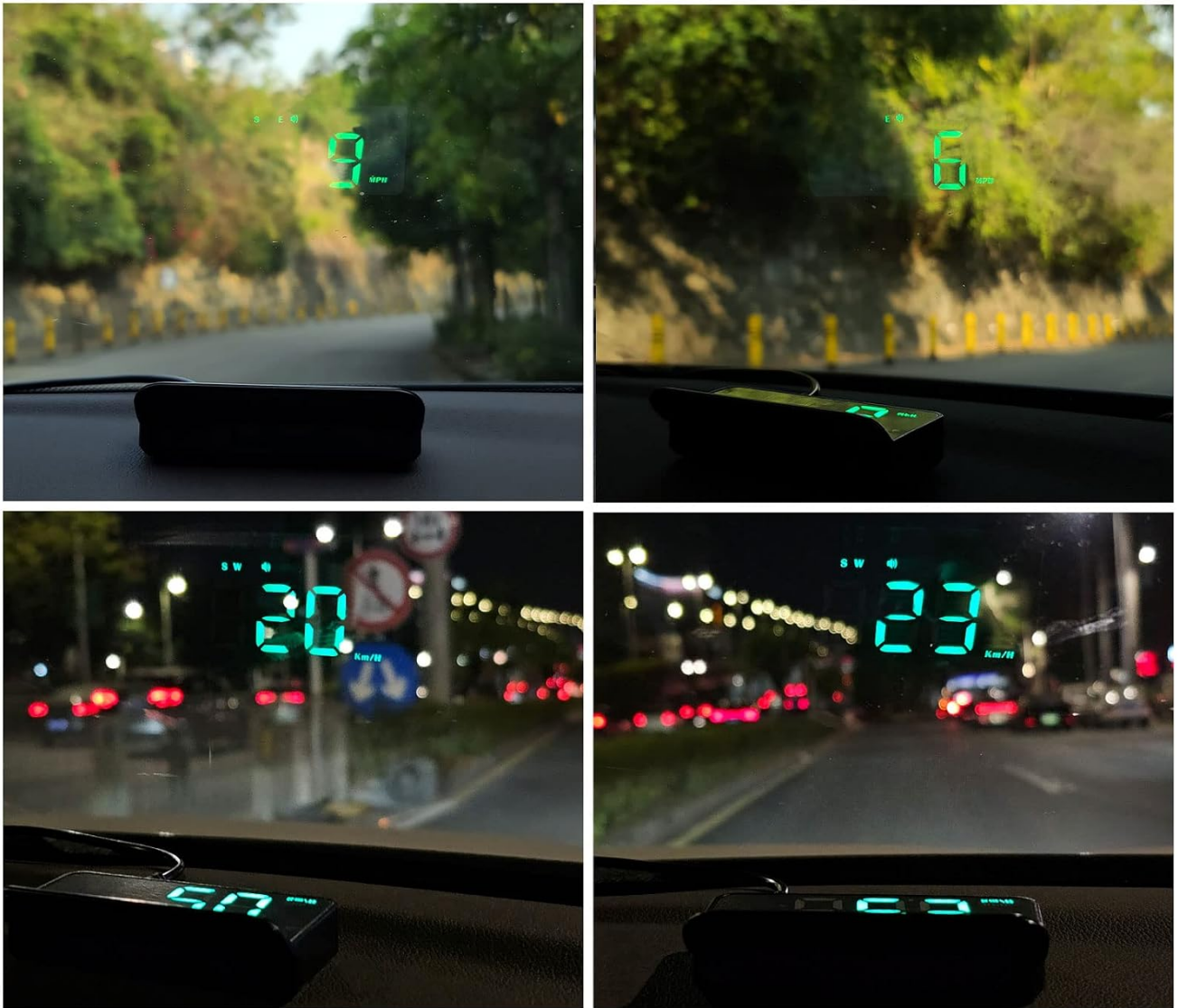


Figure 7: Actual product display during day and night driving.

5. SETTINGS ADJUSTMENT

The M1 HUD allows for adjustment of speed units and calibration of speed readings.

5.1. Speed Unit Adjustment (MPH/KM/H)

The speed unit can be switched between MPH and KM/H. Refer to the device's buttons (M, +, -) for navigation within the settings menu to change this option.

5.2. Speed Calibration

To ensure the most accurate speed display, you can calibrate the M1 HUD to match your vehicle's instrument speed. This adjustment compensates for minor differences between the GPS reading and your car's speedometer.

1. **Enter Settings:** Press and hold the 'M' button on the product for three seconds. The screen will display '1'.
2. **Access Calibration Parameter:** Press the 'M' button again. The screen will then display '107', which is the default speed adjustment parameter.

3. **Adjust Parameter:** Use the '+' button to increase the parameter value or the '-' button to decrease it.
 - If the HUD speed is consistently lower than your vehicle's instrument speed, increase the parameter value.
 - If the HUD speed is consistently higher than your vehicle's instrument speed, decrease the parameter value.
4. **Example:** If your car's odometer displays 100 km/h and the M1 HUD displays 105 km/h, you should adjust the parameter value from 107 to 102.



The principle of the speed adjustment method is as follows: when the vehicle's instrument speed is higher than HUD, the parameter value can be adjusted higher. When the instrument speed of the vehicle is lower than HUD, the parameter value can be adjusted lower.

For example, you said that your car odometer differs by 5 kilometers from your product. If your car odometer displays 100 kilometers per hour and the product displays 105 kilometers per hour, you can adjust the speed adjustment parameter value of the product from 107 to 102.

How to adjust speed:

Firstly, press and hold the "M" button on the product for three seconds to enter the settings, and then the screen displays "1".

Then, press the "M" button again, and the screen displays "107".

The "+" of the product can be adjusted upwards, and the "-" can be adjusted downwards. When the speed of the vehicle dashboard is lower than HUD, the parameter value of the product should be reduced.

Figure 8: Speed adjustment method for the M1 HUD.

PRODUCT PRESENTATION

- 1.USB interface
- 2.Set button
- 3.Increase button
- 4.Minus button
- 5.Power button



Figure 9: M1 HUD product presentation with dimensions and button layout.

6. TROUBLESHOOTING

If you encounter issues with your M1 HUD, refer to the following common solutions:

- **No Speed Display:** If the speed is not displayed, check if the small satellite icon on the product is flashing constantly. A flashing icon indicates the device is still collecting satellite signals. Ensure the device has a clear view of the sky. Speed will only be displayed once a stable GPS signal is acquired.
- **Inaccurate Speed Reading:** If the displayed speed does not match your vehicle's speedometer, perform the speed calibration procedure detailed in Section 5.2.
- **Device Not Powering On:** Verify that the USB cable is securely connected to both the M1 HUD and a functional power source in your vehicle. Ensure the vehicle's engine is running to provide power.
- **Display Too Dim/Bright:** The device features automatic brightness adjustment. If the brightness is not optimal, you can manually adjust it through the settings.

7. SPECIFICATIONS

Feature	Detail
Brand	Liiyuan
Model Number	M1
Product Dimensions (L x W x H)	8.5 x 3.7 x 1.5 Centimetres (8.53 x 3.66 x 1.52 cm)
Item Weight	36 g (36.29 g)
Material	Plastic
Working Voltage	5V
Country of Origin	China

8. MAINTENANCE

- To ensure the longevity and optimal performance of your Liiyuan M1 HUD, follow these maintenance guidelines:
- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using abrasive cleaners or solvents that could damage the surface or display.
 - **Environmental Conditions:** Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
 - **Cable Care:** Ensure the USB power cable is not bent sharply, pinched, or damaged, as this can affect power supply.
 - **Storage:** When not in use for an extended period, store the device in a cool, dry place.

9. WARRANTY AND SUPPORT

All Liiyuan products undergo a thorough quality inspection process before shipment from the factory. We are committed to providing reliable products and support.

For any unresolved issues or questions regarding your M1 HUD within one year of purchase, please contact our customer service directly via email. We are dedicated to providing prompt and effective after-sales service to address your concerns.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0CW96H29H>

More documents and user manuals: <https://manuals.plus/>