**AWOLIMEI M1**

# AWOLIMEI M1 Green Windshield Projection Heads Up Display User Manual

## 1. Introduction

The AWOLIMEI M1 is a GPS-based head-up display (HUD) designed to project essential driving data directly onto your vehicle's windshield. This device aims to enhance driving safety by providing critical information, such as speed and travel direction, within the driver's line of sight, minimizing the need to look away from the road.




*Figure 1: The AWOLIMEI M1 Green HUD unit.*

## 2. What's in the Box

Please verify that all the following items are included in your package:

- AWOLIMEI M1 HUD Unit
- USB Power Cable
- Reflective Film
- User Manual (this document)
- 3M Adhesive Sticker

## 3. Product Features

The AWOLIMEI M1 HUD incorporates several features designed for convenience and safety:

- **GPS Mode Head-Up Display:** Utilizes GPS for accurate speed and direction data.

- **Simple Speedometer Design:** Focuses on displaying essential data to avoid driver distraction.
- **Speed Display:** Shows current vehicle speed, configurable in MPH or KM/H.
- **Speeding Alarm:** Provides an audible alert when a preset speed limit is exceeded.
- **Fatigue Driving Warning:** Alerts the driver after prolonged periods of continuous driving.
- **GPS Compass:** Indicates the current travel direction.
- **Automatic Brightness Adjustment:** Display brightness adapts to ambient light conditions for optimal visibility day and night.
- **Automatic Power On/Off:** The device powers on automatically with the vehicle's ignition and shuts down when the vehicle is turned off.

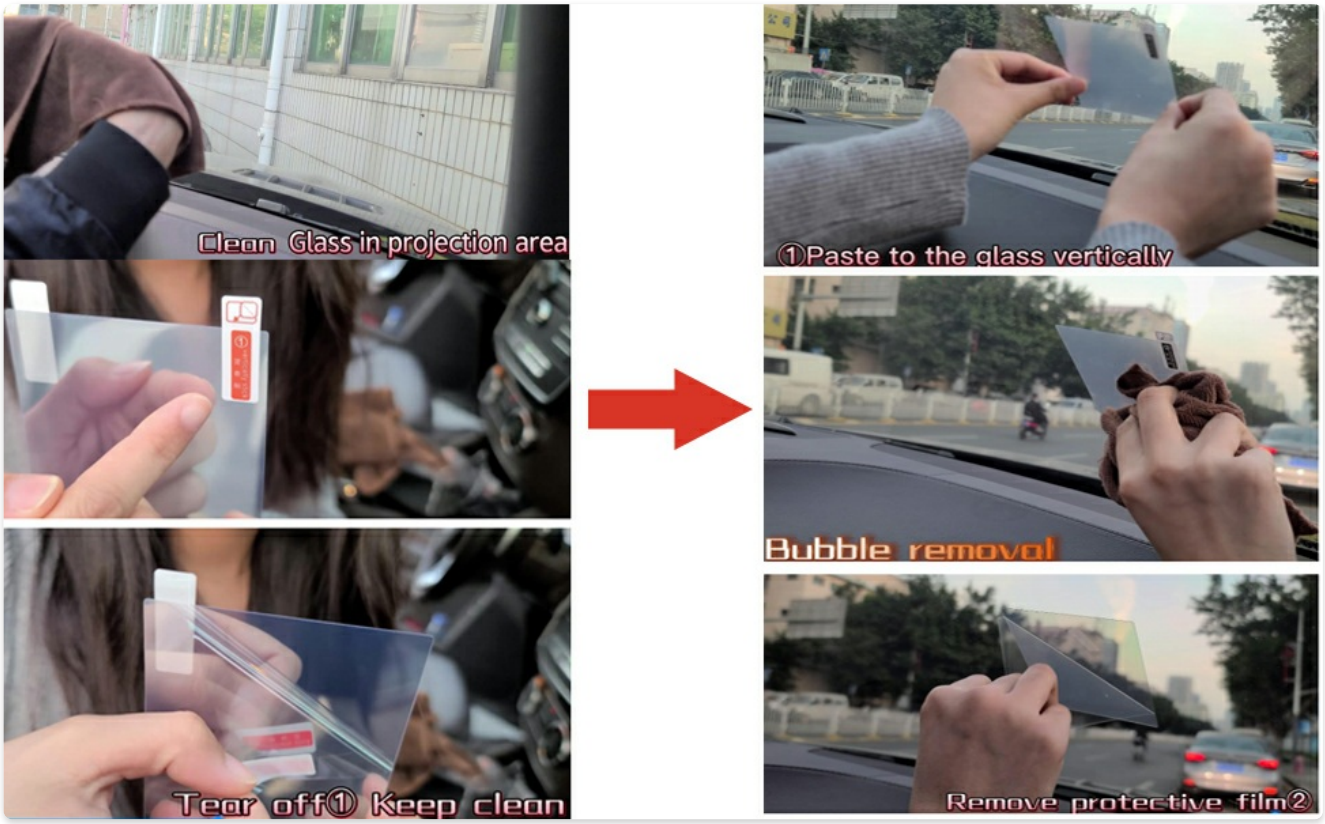



*Figure 2: Internal components of the M1 HUD.*




*Figure 3: Visual representation of reminder functions.*

## 4. Setup and Installation

The AWOLIMEI M1 is designed for simple plug-and-play installation.

1. **Placement:** Choose a suitable location on your dashboard where the HUD can project onto the windshield without obstructing your view.
2. **Secure the Device:** Use the provided 3M adhesive sticker to firmly attach the M1 HUD to your dashboard.
3. **Install Reflective Film (Optional):** If the projection on your windshield is unclear or a double image appears, apply the reflective film to the projection area.
    - Clean the glass thoroughly in the desired projection area.
    - Peel off the protective layer (1) from the reflective film.
    - Carefully paste the film onto the glass, ensuring it is vertical.
    - Smooth out any air bubbles using a cloth or card.
    - Remove the second protective layer (2) from the film.
4. **Connect Power:** Connect the M1 HUD to your vehicle's USB port using the supplied USB cable.
5. **Power On:** Start your vehicle's engine. The M1 HUD will automatically power on.
6. **Satellite Acquisition:** Upon powering on, a small icon on the display will flash, indicating that the device is searching for GPS satellites. Speed data will be displayed once a stable satellite connection is established.




*Figure 4: Reflective film installation process.*




*Figure 5: M1 HUD in operation, projecting speed onto the windshield.*

## 5. Operating Instructions

Once installed and powered on, the M1 HUD operates largely automatically.

- **Speed Display:** The primary function is to display your current vehicle speed.
- **GPS Compass:** The display includes a compass indicator showing your current travel direction (N, S, E, W,

NE, NW, SE, SW).

- **Automatic Brightness:** The display brightness adjusts automatically based on ambient light.
- **Alarms:** The device will emit an audible beep for speeding alarms and fatigue driving warnings.

## 6. Settings

The M1 HUD allows for adjustment of speed units:

- **Speed Unit (MPH/KM/H):** Refer to the physical buttons on the device for specific instructions on how to toggle between Miles Per Hour (MPH) and Kilometers Per Hour (KM/H). This setting is typically adjusted via a dedicated button or a combination of button presses.
- **Alarm Thresholds:** Specific instructions for adjusting speeding alarm thresholds and fatigue warning timers are typically found in the detailed printed manual included with the product.

## 7. Important Notes and Considerations

To ensure optimal performance and longevity of your M1 HUD, please observe the following:

- **GPS Signal Interference:** GPS signal acquisition and accuracy may be affected by:
  - Driving in areas such as garages, under overpasses, or within dense urban environments with tall buildings.
  - The presence of other active GPS devices operating simultaneously within the same vehicle.
  - Vehicle windshields that have metallic tinting or film, which can block GPS signals.
- **Storage:** If the device will not be used for more than one week, it is recommended to disconnect it from power and store it in a cool, dry place.




*Figure 6: GPS and BeiDou satellite connectivity for accurate data.*

## 8. Troubleshooting

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

| Problem | Possible Cause | Solution |
|---|---|---|
| No display after power on. | No power supply or faulty USB connection. | Ensure the USB cable is securely connected to both the HUD and a working USB port in the vehicle. Verify the vehicle's ignition is on. |
| Speed not displayed / Flashing icon. | Device is searching for GPS satellites or poor GPS signal. | Move the vehicle to an open area with a clear view of the sky. Avoid areas with known GPS interference (garages, tunnels, dense buildings). Wait for the icon to stop flashing. |
| Inaccurate speed reading. | Weak GPS signal or interference. | Ensure the device has a strong GPS signal. Avoid placing other GPS devices directly next to the M1 HUD. Check if your windshield has metallic film. |
| Display is too dim or too bright. | Automatic brightness sensor obstructed or extreme lighting conditions. | Ensure the light sensor on the device is not covered. The device adjusts automatically, but extreme conditions might affect it. |
| Double image on windshield. | Windshield characteristics. | Apply the provided reflective film to the projection area on your windshield as described in the installation section. |

## 9. Specifications

**Product Dimensions:** 3.38 x 1.46 x 0.63 inches

**Item Weight:** 4.23 ounces

**Model Number:** M1

**Manufacturer:** AWOLIMEI

**ASIN:** B0BKF4W4NH

**UPC:** 723497750431

## 10. Warranty and Support

The AWOLIMEI M1 HUD comes with a **two-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures product reliability.

For technical assistance, troubleshooting, warranty claims, or any other inquiries, please contact AWOLIMEI customer support. Our professional technical team is available to answer your questions and provide solutions.

Please refer to your purchase documentation or the AWOLIMEI official website for specific contact information.


### 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.

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**Question**

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

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

**Submit question**