AMHVMU M2

AMHVMU M2 Head-Up Display User Manual

Model: M2 | Brand: AMHVMU

Product Overview

The AMHVMU M2 Head-Up Display (HUD) is a simple car display designed to project essential driving information, primarily vehicle speed, onto your windshield. This allows the driver to keep their eyes on the road, enhancing safety and convenience. The M2 model features a large font display for improved clarity and an integrated light shield to prevent glare.



Image: The AMHVMU M2 Head-Up Display unit, showcasing its compact design and digital display.

What's in the Box

Upon unboxing your AMHVMU M2 HUD, please ensure all the following components are present:

- M2 Head-Up Display Unit
- Type-C USB Cable
- Reflective Film
- English Manual
- 3M Sticker (Anti-slip mat)



Image: All components included in the product package: the M2 HUD unit, Type-C USB cable, reflective film, English manual, and 3M sticker.

Setup Guide

1. **Placement:** Place the M2 HUD unit on your car's central console. Its compact size allows for flexible positioning without obstructing your view. Ensure it is stable and does not slide during driving.



Image: The compact design of the M2 HUD allows for easy placement on the car's dashboard, suitable for various vehicle interiors.

2. **Power Connection:** Connect the M2 HUD using the provided USB cable. It is designed for plug-and-play operation with a 5V USB power source, such as your car's USB port or a cigarette lighter adapter.

   Important: Do not connect the device to a voltage higher than 5V, as this may cause damage to the HUD unit.



Image: The USB power supply connection, illustrating the Type-C USB cable and a compatible car charger for easy plug-and-play setup.

3. **Reflective Film (Optional):** For optimal display clarity, especially in bright conditions, you may apply the reflective film to your windshield directly above where the HUD is placed. Clean the windshield thoroughly before application.

Operating Instructions

The AMHVMU M2 HUD is designed for straightforward operation, focusing on displaying real-time vehicle speed.

- **Automatic Power On/Off:** The device will automatically turn on when your car starts and turn off when the car stops, ensuring efficient power consumption.



Image: Illustration of the automatic power on/off function, which activates with the car's ignition.

- **Speed Display:** The primary function of the M2 HUD is to display your car's speed in real-time. The large font ensures clear visibility.



Image: The new HUD display showing vehicle speed, designed for clarity and ease of reading while driving.

- **Automatic Brightness Adjustment:** The HUD features an automatic light sensor that adjusts the display brightness adaptively. This ensures the display is clear enough during the day and not dazzling at night.



Image: The HUD display adapting its brightness to ambient light conditions, ensuring optimal visibility day and night.

- **Integrated Light Shield:** The product is designed with a light shield that covers the display panel, further reducing glare and protecting your eyes, especially during night driving.



Image: The integrated design of the HUD includes a hood to cover the display lights, preventing dazzling during night driving.



Image: Real-world examples of the HUD display in action, showing clear visibility during both daytime and nighttime driving conditions.

Maintenance

To ensure the longevity and optimal performance of your AMHVMU M2 HUD, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe the display screen and the unit's exterior. Avoid using abrasive cleaners or solvents, as they may damage the surface.
- **Storage:** When not in use for extended periods, store the HUD in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent drops or impacts, which could damage internal components.

Troubleshooting

If you encounter any issues with your AMHVMU M2 HUD, please refer to the following common troubleshooting steps:

- **Device Not Turning On:**
  - Ensure the USB cable is securely connected to both the HUD unit and the car's USB power source.
  - Verify that the car's USB port is providing power (e.g., by testing with another device).
  - Check if the car's ignition is on, as the device powers on automatically with the car.
- **Display Not Clear/Visible:**
  - Adjust the position of the HUD unit on the dashboard.
  - Ensure the reflective film (if used) is applied correctly and cleanly.
  - Check for any obstructions between the HUD and the windshield.
  - The automatic brightness sensor adjusts to ambient light; ensure it's not covered.
- **Inaccurate Speed Reading:**
  - The HUD uses GPS for speed calculation. Ensure the device has a clear view of the sky for GPS signal acquisition.
  - Compare the HUD speed with your car's speedometer. Minor discrepancies can occur due to various factors.

Specifications

Feature	Detail
Model Number	M2
Brand	AMHVMU
Dimensions (L x W x H)	14 x 9 x 5 cm (5.5 x 3.5 x 2 inches)
Weight	45 Grams (0.1 lbs)
Material	Polycarbonate (PC)
Power Supply	USB 5V
Display Type	Digital, Head-Up Display
Features	Large Font Display, Automatic Brightness Adjustment, Integrated Light Shield, Plug and Play

Warranty and Support

Specific warranty information for the AMHVMU M2 Head-Up Display is not provided within this manual. For details regarding warranty coverage, returns, or technical support, please refer to the product listing on the retailer's website or contact the seller directly. Keep your proof of purchase for any warranty claims.

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

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