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wiiyii M4

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Model: M4 | Brand: wiiyii

1. INTRODUCTION

The wiiyii M4 Heads-Up Display (HUD) is an OBD2 system speedometer designed to project essential driving data onto your vehicle's windshield. This technology aims to enhance driving safety by allowing drivers to view information such as vehicle speed, water temperature, and voltage without diverting their gaze from the road.

The M4 HUD features a high-brightness LED display with an integrated light-sensing sensor for automatic brightness adjustment, ensuring clear visibility in various lighting conditions. It also includes multiple alarm functions for overspeed, water temperature, voltage, and fatigue driving.

M4-HUD

Color OBD head-up display

Large font / multi-function / auto sensitive



Figure 1.1: The M4 HUD displaying vehicle speed on the windshield.

2. WHAT'S IN THE BOX

Upon unboxing your wiyii M4 HUD, you should find the following components:

- M4-HUD Unit
- Reflective Film
- User Manual (Instructions)
- OBD Line
- Non-slip Mat

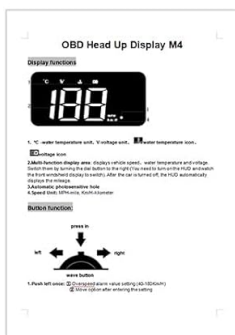
Product accessories



M4-HUD



Reflective film



Instructions



OBD line



Non-slip mats

Figure 2.1: Included accessories for the wiiiii M4 Heads-Up Display.

3. INSTALLATION GUIDE

The wiiiii M4 HUD is designed for simple plug-and-play installation. Follow these steps to set up your device:

1. **Locate the OBD Socket:** Identify your vehicle's OBD2 diagnostic port, typically located under the dashboard on the driver's side.
2. **Connect the OBD Line:** Insert one end of the provided OBD line into the vehicle's OBD2 socket.
3. **Route the Cable:** Carefully route the OBD line along the A-pillar sealing strip or other discreet locations to avoid obstructing your view or vehicle controls.
4. **Connect to HUD:** Connect the other end of the OBD line to the M4 HUD unit.
5. **Position the HUD:** Place the HUD unit on your dashboard in a suitable position where the projected display is clearly visible on the windshield without obstructing your view of the road. Use the non-slip mat to secure the device.
6. **Apply Reflective Film (Optional):** If the projection on your windshield is not clear enough, apply the reflective film to the windshield where the HUD projects. Ensure the area is clean before application.



Lossless installation, plug and play



1
Plug in the
OBD receptacle connector



2
The wire is plugged into
the A-pillar seal



3
Connect one end of the OBD
port to the HUD
Place the
HUD in a suitable position

Figure 3.1: Visual guide for the plug-and-play installation of the M4 HUD.



Figure 3.2: Detailed steps for connecting the M4 HUD to your vehicle's OBD port.

4. OPERATING INSTRUCTIONS

The M4 HUD automatically powers on and off with your vehicle's ignition. It displays various driving parameters and offers customizable settings.

4.1 Display Functions

The HUD can display the following information:

- Vehicle Speed (Km/h or MPH)
- Water Temperature (°C or °F)
- Voltage (V)
- Single Driving Mileage (displayed when ignition is turned off)



Figure 4.1: One-click switching between water temperature, speed, and voltage displays.

Distance traveled

When the ignition is turned off, the mileage will be displayed



Figure 4.2: Distance traveled display after ignition is off.

4.2 Unit Switching

The speed unit can be switched between kilometers per hour (Km/h) and miles per hour (MPH). The water temperature unit can be switched between Celsius (°C) and Fahrenheit (°F). Refer to the included user manual for specific instructions on how to access and change these settings.

4.3 Automatic Light Sensing

The M4 HUD is equipped with a built-in light-sensing sensor that automatically adjusts the display brightness according to ambient light conditions. This ensures optimal visibility during both day and night driving. If preferred, you can manually adjust the brightness through the device settings.



Figure 4.3: Adaptive sensitivity ensures clear display in varying light.

5. SAFETY FEATURES AND ALARMS

The M4 HUD incorporates several alarm functions to alert drivers to potential issues:

- **Overspeed Alarm:** Alerts you when your vehicle exceeds a preset speed limit.
- **Water Temperature Alarm:** Notifies you if the engine's water temperature rises above a safe threshold.
- **Voltage Alarm:** Warns you about abnormal vehicle voltage levels.
- **Fatigue Driving Reminder:** Prompts you to take a break if you have been driving continuously for an extended period (e.g., 4 hours).
- **Fault Alarm:** Indicates detected vehicle system faults.



Figure 5.1: Overview of M4 HUD alarm functions.

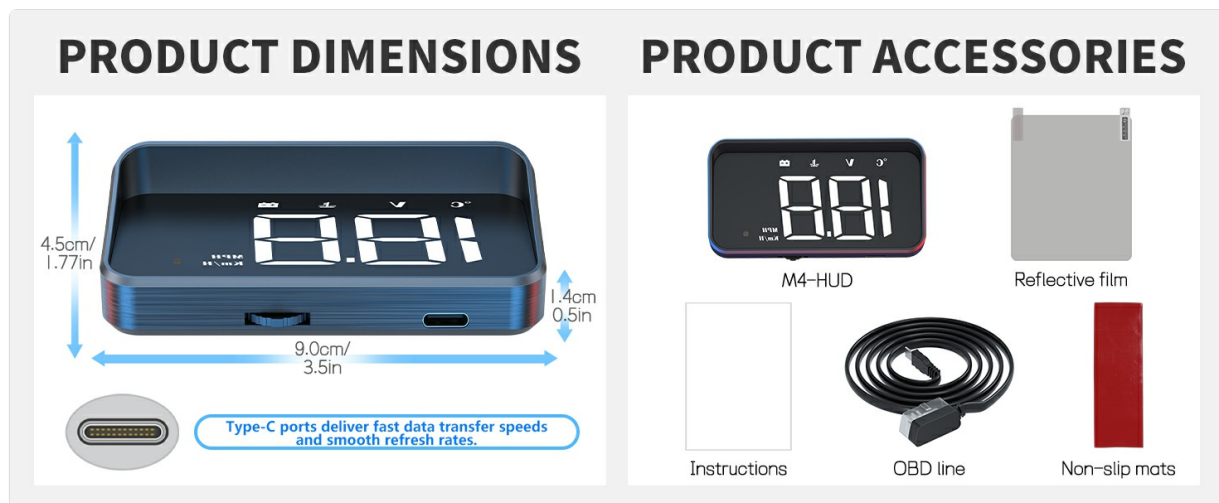


Figure 5.2: Visual representation of the overspeed alarm function.



Figure 5.3: The fatigue driving reminder promotes safe driving habits.

6. COMPATIBILITY

The wiyii M4 HUD is an OBD2 system speedometer. It is generally suitable for most vehicles manufactured after 2009 that are equipped with an OBD2 port. However, it is important to note that OBD2 speedometers are typically **not compatible** with:

- Electric Vehicles (EVs)
- Diesel Vehicles
- Pickup Trucks
- RVs (Recreational Vehicles)
- Vehicles with computer modifications

If you are unsure about your vehicle's compatibility, please consult your vehicle's manual or contact wiyii customer support before use.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your M4 HUD.

7.1 Display Not Turning On

- Ensure the OBD cable is securely connected to both the HUD unit and the vehicle's OBD2 port.

- Verify that your vehicle's ignition is on. The HUD powers on automatically with the ignition.
- Check if your vehicle is compatible with OBD2 systems (refer to Section 6).

7.2 Inaccurate Speed Reading

- The HUD may require calibration. Refer to the detailed settings in the included user manual to adjust the speed offset.
- Ensure the correct speed unit (Km/h or MPH) is selected.

7.3 Display Too Dim or Too Bright

- The HUD has an automatic light-sensing feature. If you prefer manual control, access the settings menu to adjust brightness levels.
- Ensure the reflective film is correctly applied if used, as it can affect perceived brightness.

7.4 Alarms Not Functioning

- Check the HUD settings to ensure alarm thresholds are correctly configured and enabled.
- If a fault alarm persists, consult a professional mechanic for vehicle diagnostics.

8. SPECIFICATIONS

Feature	Detail
Model Number	M4
Brand	wiiyii
Product Dimensions	3.5 x 1.77 x 0.55 inches (9.0 x 4.5 x 1.4 cm)
Item Weight	2.4 ounces (0.15 Pounds)
Material	Plastic
Display Type	High-brightness LED
Connectivity	OBD2
Special Features	Automatic light sensing, Overspeed alarm, Water temperature alarm, Voltage alarm, Fatigue driving reminder, Fault alarm

FATIGUE DRIVING REMINDER

When you drive continuously for 4 hours, the head up display will remind you to rest.



Figure 8.1: Product dimensions and accessories.

9. WARRANTY AND SUPPORT

wiiyii provides a 12-month warranty for the M4 HUD. For any installation or setup issues, or to inquire about compatibility, please contact wiiyii customer service. They offer 24-hour after-sales support to assist you.

Contact information for support is typically found on the product packaging or the official wiiyii website.