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> Tefola Car HUD Head Up Projector User Manual

## Tefola Tefolah2xpmadfwg

# Tefola Car HUD Head Up Projector

## USER MANUAL

Model: Tefolah2xpmadfwg

### Product Overview

The Tefola Car HUD Head Up Projector is a versatile display unit designed to project essential driving information directly onto your car's windshield. This allows drivers to monitor critical data without diverting their gaze from the road, enhancing safety and convenience. It connects via the OBD-II port, providing real-time data such as speed, engine RPM, water temperature, and voltage.

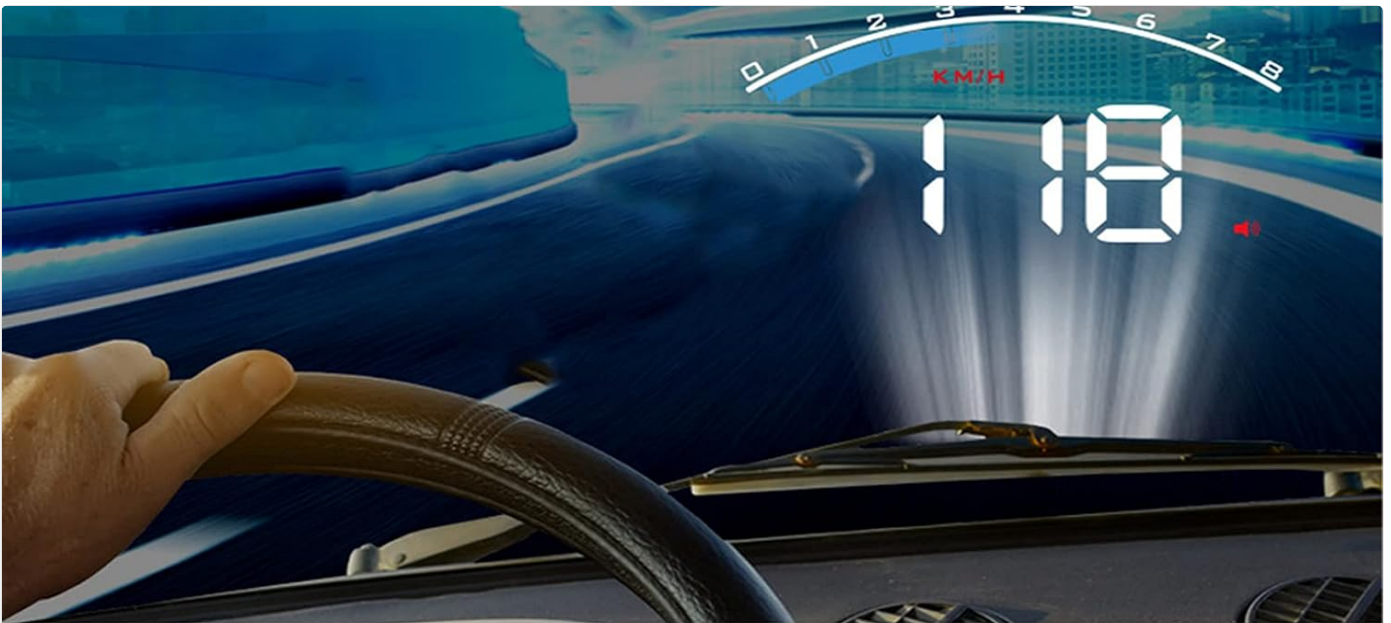


Image: The Tefola Car HUD Head Up Projector in operation, projecting vehicle speed onto the windshield for easy viewing.

### Key Features:

- **Multi-function Display:** Displays speed, rotation speed (RPM), water tank temperature, voltage, and can clear fault codes.
- **Multiple Alarm Modes:** Includes overspeed alarm, voltage alarm, water temperature alarm, fatigue driving reminder, and fault alarm for enhanced safety.
- **Customizable Interface:** Offers multiple operation interface modes that can be switched to meet different user preferences.
- **Wide Compatibility:** Applicable to vehicles compliant with OBD-II standards.
- **Enhanced Driving Safety:** Allows drivers to observe critical data on the front window glass, reducing the need to look down at the dashboard.

# HUD projection display capability

Vehicle speed/speed/water temperature/voltage/driving mileage



Image: Detailed diagram illustrating the HUD's projection capabilities, including vehicle speed, water temperature, voltage, driving mileage, rotating speed, fault code icon, water temperature alarm icon, voltage alarm icon, fatigue driving safety reminder icon, settings icon, and buzzer icon.

## Setup and Installation

The Tefola Car HUD Head Up Projector is designed for non-destructive, plug-and-play installation. Follow these steps to set up your device:

1. **Locate OBD Socket:** Identify your vehicle's OBD-II diagnostic port, typically located under the dashboard on the driver's side.
2. **Insert OBD Connector:** Carefully insert the provided OBD connector cable into the vehicle's OBD socket. Ensure a secure connection.
3. **Route Cable:** Route the cable neatly. You can stuff the wire into the A-pillar sealing strip or along the dashboard edges to keep it out of sight and secure.
4. **Connect to HUD:** Connect the other end of the OBD cable to the HUD unit.
5. **Position 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. Ensure the unit is stable and does not slide during driving.

6. **Apply Reflective Film (Optional):** For optimal clarity, especially in bright conditions, apply the included reflective film to the windshield where the HUD projects. Clean the windshield surface thoroughly before application.



Image: Visual guide for installation, showing inserting the OBD connector, routing the wire, and connecting the HUD unit.

## Operation

Once installed, the HUD unit will power on with your vehicle. The display will show various driving parameters. The unit features a control switch, typically located on the side, to navigate settings and display modes.

### Display Modes:

The HUD offers multiple display modes to suit your informational needs. These modes can typically be cycled through using the control switch.

# Set up multiple modes of display according to your needs



**Standard version: speed + rotation speed + decorative light + buzzer icon**



**Competitive version: speed + buzzer icon**



**Concise version: speed**



**Standard version: water temperature + rotation speed + decorative light + buzzer icon**



**Competitive version: water temperature + buzzer icon**



**Concise version: water temperature**



**Standard version: voltage + speed + decorative light + buzzer icon**



**Competition version: voltage + buzzer icon**



**Concise version: Voltage**

Image: Examples of various display modes, including standard, competitive, and concise versions for speed, water temperature, and voltage readings.

## Alarm Functions:

The device is equipped with several alarm functions to alert the driver to potential issues:

- **Overspeed Alarm:** Alerts you when your vehicle exceeds a preset speed limit.
- **Voltage Alarm:** Notifies you if the vehicle's battery voltage drops below a safe level.
- **Water Temperature Alarm:** Warns of engine overheating by monitoring the water tank temperature.
- **Fatigue Driving Reminder:** Prompts you to take a break after extended driving periods.
- **Fault Alarm:** Indicates detected vehicle fault codes.

Refer to the on-screen prompts and the control switch for specific adjustments to alarm thresholds and display settings.

## Maintenance

To ensure the longevity and optimal performance of your Tefola Car HUD Head Up Projector, follow these simple

maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to gently wipe the display screen and the unit's exterior. Avoid using abrasive cleaners, solvents, or spray directly onto the device, as these can damage the surface or internal components.
- **Temperature:** While designed for automotive use, avoid exposing the unit to extreme temperatures for prolonged periods, such as direct sunlight on a hot day when the vehicle is parked.
- **Cable Care:** Ensure the OBD cable is not pinched or excessively bent, which could damage the wiring.
- **Storage:** If storing the device for an extended period, disconnect it from the OBD port and store it in a cool, dry place.

## Troubleshooting

If you encounter issues with your Tefola Car HUD Head Up Projector, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
<b>No Display / Unit Not Powering On</b>	Ensure the OBD cable is securely connected to both the vehicle's OBD-II port and the HUD unit. Verify that your vehicle's ignition is on. Check if your vehicle is OBD-II compliant (most vehicles manufactured after 1996 in the US are).
<b>Display Too Bright/Dim at Night/Day</b>	The unit typically has an automatic brightness adjustment. If not, use the control switch to manually adjust brightness levels. Ensure the photosensitive hole (if present) on the unit is not obstructed.
<b>Incorrect Speed Reading (e.g., km/h instead of mph)</b>	Access the unit's settings menu using the control switch. Look for a setting related to "Unit" or "Speed Unit" and change it to your desired measurement (MPH or KM/H). Refer to the quick start guide for specific menu navigation. Calibration may be required. Compare the HUD speed with your vehicle's speedometer or a GPS speed reading and adjust the HUD's calibration setting if available.
<b>Unit Feels Warm During Operation</b>	It is normal for electronic devices to generate some heat during operation. If the unit becomes excessively hot to the touch or emits smoke/odor, disconnect it immediately and contact support.
<b>Reflective Film Issues (e.g., glare, poor adhesion)</b>	Ensure the windshield surface was thoroughly cleaned and free of dust or grease before applying the film. Smooth out any air bubbles during application. The film is optional; the HUD may still be visible without it, though clarity might be reduced in direct sunlight.

## Specifications

Attribute	Detail
<b>Brand</b>	Tefola
<b>Model Number</b>	Tefolah2xpmadfwg

Attribute	Detail
Item Weight	5.9 ounces
Manufacturer	Tefola
ASIN	B0BD6PM61G
Dimensions (Approx.)	90mm (3.5in) Length x 50mm (2in) Width x 26mm (1in) Height
Connectivity	OBD-II Port
Display Type	High Definition LED Projection



Image: Product dimensions indicating approximate length, width, and height of the HUD unit.

For any questions, concerns, or technical assistance regarding your Tefola Car HUD Head Up Projector, please do not hesitate to contact our customer support team. We are committed to providing high-quality products and services.

Our team aims to respond to your inquiries and address any issues within 24 hours.

Please have your product model number (Tefolah2xpmadfwg) and purchase details ready when contacting support to facilitate a quicker resolution.