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› Ejoyous HUD Head Up OBD2 Display User Manual

Ejoyous Ejoyoussphz0tbuyk

Ejoyous HUD Head Up OBD2 Display User Manual

Model: Ejoyoussphz0tbuyk

1. INTRODUCTION

The Ejoyous HUD Head Up OBD2 Display is a universal car head-up display designed to project essential driving information directly onto your windshield. This device enhances driving safety by allowing you to monitor vehicle statistics without diverting your gaze from the road. It is compatible with vehicles equipped with OBD II and EOBD ports, offering a plug-and-play experience.

Key features include an ultra-bright, automatically adjustable display, multi-data projection (speed, RPM, water temperature, fuel consumption, mileage, engine fault codes), a 5.5-inch HD screen with color-coded data, easy operation, and a powerful alarm system for overspeed, high water temperature, shift reminders, and fatigue driving alerts.

Car HUD Head Up Display

Drivers can read the driving information instantly
and can always keep the best state
on the way with HUD



Figure 1: The Ejoyous HUD Head Up Display in a vehicle, showing projected information.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x HUD Unit
- 1 x OBD Cable
- 1 x Reflecting Film
- 1 x Anti-slip Pad
- 1 x English User Manual

Package Included

1 x HUD
1 x OBD Cable
1 x Reflecting Film
1 x Anti-slip Pad
1 x English User Manual



Figure 2: All items included in the Ejoyous HUD package.

3. SETUP AND INSTALLATION

Follow these steps to properly install your Ejoyous HUD Head Up Display:

1. **Check Vehicle Compatibility:** Ensure your vehicle has an OBD2 or EUOBD port. Most vehicles manufactured after 2004 (for OBD2) or 2007 (for EUOBD) are compatible. You can often find a sticker under the engine hood indicating OBDII certification.
2. **Locate the OBD Port:** The 16-pin OBDII diagnostic link is typically located under the dashboard on the driver's side, near the steering column.
3. **Connect the OBD Cable:** Plug one end of the provided OBD cable into the HUD unit and the other end into your vehicle's OBDII port. Ensure a secure connection.
4. **Position the HUD:** Place the HUD unit on your dashboard using the anti-slip pad. Ensure it is positioned where the display is clearly visible on the windshield without obstructing your view of the road.

5. **Apply Reflecting Film (Optional):** If the display appears double or unclear on your windshield, apply the reflecting film to the desired area on the windshield. Clean the windshield thoroughly before application.
6. **Start the Vehicle:** Once connected, start your vehicle. The HUD should power on automatically and begin displaying data.

HUD Installation



1. Know your vehicle brand, HUD work for cars with OBDII agreement or EU OBD agreement.

2. Open the engine hood and find the sticker below it, if it has words like OBDII CERTIFIED, then it can be installed.

3. Find out the 16 pin diagnostic link of the vehicle and connect it well with OBDII connecting line.

Type-C Interface

Figure 3: Step-by-step guide for HUD installation, including locating the OBDII port and connecting the cable.

Suitable for Many Cars

Available for cars with OBD2 and EUOBD port
(Car automatic diagnosis system)



Figure 4: The Ejoyous HUD is compatible with a wide range of vehicles equipped with OBD2/EUOBD ports.

4. OPERATING INSTRUCTIONS

4.1 Displayed Information

The HUD projects various critical vehicle data onto your windshield. This includes:

- Vehicle Speed (MPH/KM/H)
- Engine RPM
- Water Temperature
- Voltage
- Fuel Consumption
- Mileage
- Engine Fault Codes
- Low Fuel Warnings

Main Display Information

HUD displays driving data on the front windshield such as speed, rpm, fuel consumption, water temperature, voltage.



Figure 5: Overview of the main display information and icons.

4.2 Display Modes

The HUD offers three distinct display modes that can be switched according to user preference:

- **Default Mode:** Standard display of essential information.
- **High Speed Mode:** Optimized for high-speed driving, potentially highlighting speed more prominently.
- **Automatic Mode:** Adjusts display settings automatically based on driving conditions.

Multi-mode Car Head-up Display

Three modes can be switched at will

High Speed Mode



Automatic Mode

Default Mode

Figure 6: The HUD offers High Speed, Automatic, and Default display modes.

4.3 Brightness Adjustment

The display features ultra-bright, automatically adjustable lighting. Users can select between automatic or manual brightness settings for optimal visibility in various light conditions, from bright sunny days to dark nights.

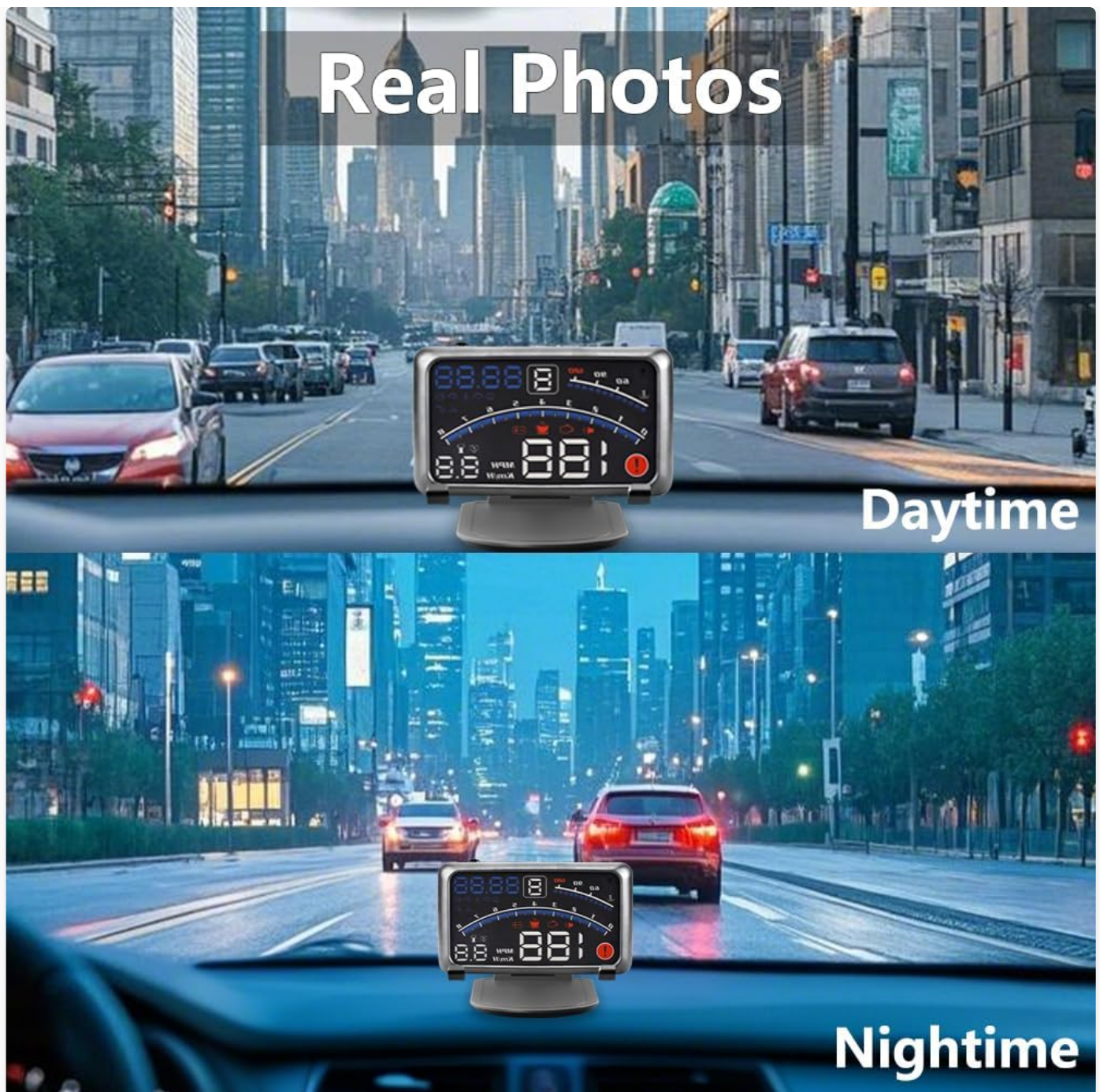


Figure 7: The HUD maintains clear visibility in both daytime and nighttime conditions.

4.4 Alarm Functions

The HUD includes a comprehensive alarm system to enhance driving safety:

- **Overspeed Alarm:** Configurable for single-stage or four-stage alerts to prevent exceeding speed limits.
- **High Water Temperature Alarm:** Alerts you if the engine's water temperature becomes critically high.
- **Shift Alarm:** Provides reminders for optimal gear shifting.
- **Fatigue Driving Alarm:** Prompts you to take a break during long drives.
- **Voltage Alarm:** Notifies you of abnormal vehicle voltage levels.
- **Engine Fault Indicator:** Displays an icon when an engine fault code is detected.

Promote Function

Car HUD speedometer will promote you so that you can drive safety and comfortably



Figure 8: Icons for various safety alarm functions.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Ejoyous HUD Head Up Display, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the display screen. Avoid using abrasive cleaners or solvents, which can 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.
- **Cable Care:** Ensure the OBD cable is not kinked or pinched, as this can damage the internal wiring.
- **Reflecting Film:** If the reflecting film becomes dirty or damaged, gently clean it with a soft, damp cloth or replace it if necessary.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
HUD does not power on.	Loose OBD cable connection; Vehicle not OBD2/EUOBD compatible; Vehicle not started.	Ensure the OBD cable is securely connected. Verify vehicle compatibility. Start the vehicle engine.
Display is unclear or double image.	No reflecting film applied; Incorrect viewing angle; Dirty windshield.	Apply the reflecting film to the windshield. Adjust the HUD's position. Clean the windshield thoroughly.
Inaccurate speed reading.	Unit setting for speed calibration is incorrect.	Refer to the detailed user manual for speed calibration instructions.
Alarms are too frequent or not sounding.	Alarm thresholds are incorrectly set.	Adjust alarm settings (e.g., overspeed threshold, water temperature limit) via the HUD's menu.

If the problem persists after trying these solutions, please contact customer support.

7. SPECIFICATIONS

- **Brand:** Ejoyous
- **Model Number:** Ejoyoussphz0tbuyk
- **Screen Size:** 5.5 Inches
- **Display Type:** Projector LCD
- **Connectivity Technology:** OBD2, EUOBD
- **Compatible Devices:** Car
- **Display Resolution:** 1280 x 720 mm (Projected)
- **Color:** Popular (as per product listing)
- **Number of Units:** 1 Total

8. WARRANTY AND SUPPORT

Specific warranty information for the Ejoyous HUD Head Up OBD2 Display is not available in the provided product data. For warranty details, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official Ejoyous website.

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