

FGXDQFGXDQ-3276007

Generic Car Heads-Up Display Instruction Manual

Model: FGXDQFGXDQ-3276007

Applicable for Audi A4 (2008-2025)

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your new Car Heads-Up Display (HUD). This device projects critical driving data directly onto your windshield, enhancing driving safety and convenience by minimizing the need to look away from the road.

The HUD displays various data points including speed, engine RPM, water temperature, and voltage. It features automatic brightness adjustment for optimal visibility in diverse lighting conditions and allows for viewing angle adjustments to suit individual preferences.

HEADS-UP DISPLAY



Image: The Heads-Up Display in operation, projecting vehicle data onto the windshield.

SETUP AND INSTALLATION

The Car Heads-Up Display is designed for a simple plug-and-play installation, requiring no complex wiring. It is compatible with vehicles equipped with a USB port.

1. **Placement:** Choose a suitable location on your dashboard where the projected display is clearly visible on the windshield without obstructing your view of the road.
2. **Connection:** Connect the provided USB cable from the HUD unit to an available USB port in your vehicle.
3. **Power On/Off:** The device is designed to automatically power on when the vehicle starts and power off when the vehicle is turned off.
4. **Adjustments:** Once powered on, adjust the position of the HUD unit and its viewing angle to ensure the projected information is clear and comfortable to read.

PRODUCT SIZE



Image: Product dimensions and interface locations, including the three-way wave button, OBD interface, and power on/off button.

OPERATING INSTRUCTIONS

Data Display

The HUD projects essential driving data onto your windshield. This typically includes:

- **Vehicle Speed:** Current driving speed.
- **Engine RPM:** Engine revolutions per minute.
- **Water Temperature:** Engine coolant temperature.
- **Voltage:** Vehicle battery voltage.



Speed + Water Temperature + RPM

Vital vehicle damage data at a glance

Speed + Water Temperature

Older cars without a water temperature gauge can prevent the radiator from boiling.

Image: Examples of displayed data, such as speed, water temperature, and RPM, in various driving scenarios.

Brightness Adjustment

The HUD is equipped with light-sensing technology that automatically adjusts the display brightness. This ensures optimal visibility in both bright daylight and low-light conditions, reducing eye strain and distractions.

SCENE DISPLAY

Daytime Effect



Night Effect



Image: Visual comparison of the HUD's clarity during daytime and nighttime driving.

Viewing Angle Adjustment

You can manually adjust the viewing angle of the projected display to improve comfort and visibility based on your height and seating position. Use the physical adjustment mechanism on the unit to fine-tune the projection.

Manual Power On/Off

In addition to automatic power control, the HUD includes a manual power-off function. This allows you to turn off the device if you do not drive for extended periods, helping to conserve your vehicle's battery.

AUTOMATIC/MANUAL POWER ON/OFF

This feature adds a manual power-off function to the traditional HUD.

This allows you to turn off the power if you don't drive for extended periods, effectively protecting the battery.



Image: Close-up view of the manual power button on the HUD unit.

KEY FEATURES AND ALARM FUNCTIONS

The HUD is equipped with several alarm functions designed to alert you to critical vehicle conditions, further enhancing driving safety.

FOUR ALARM FUNCTIONS

Escort Driving Safety

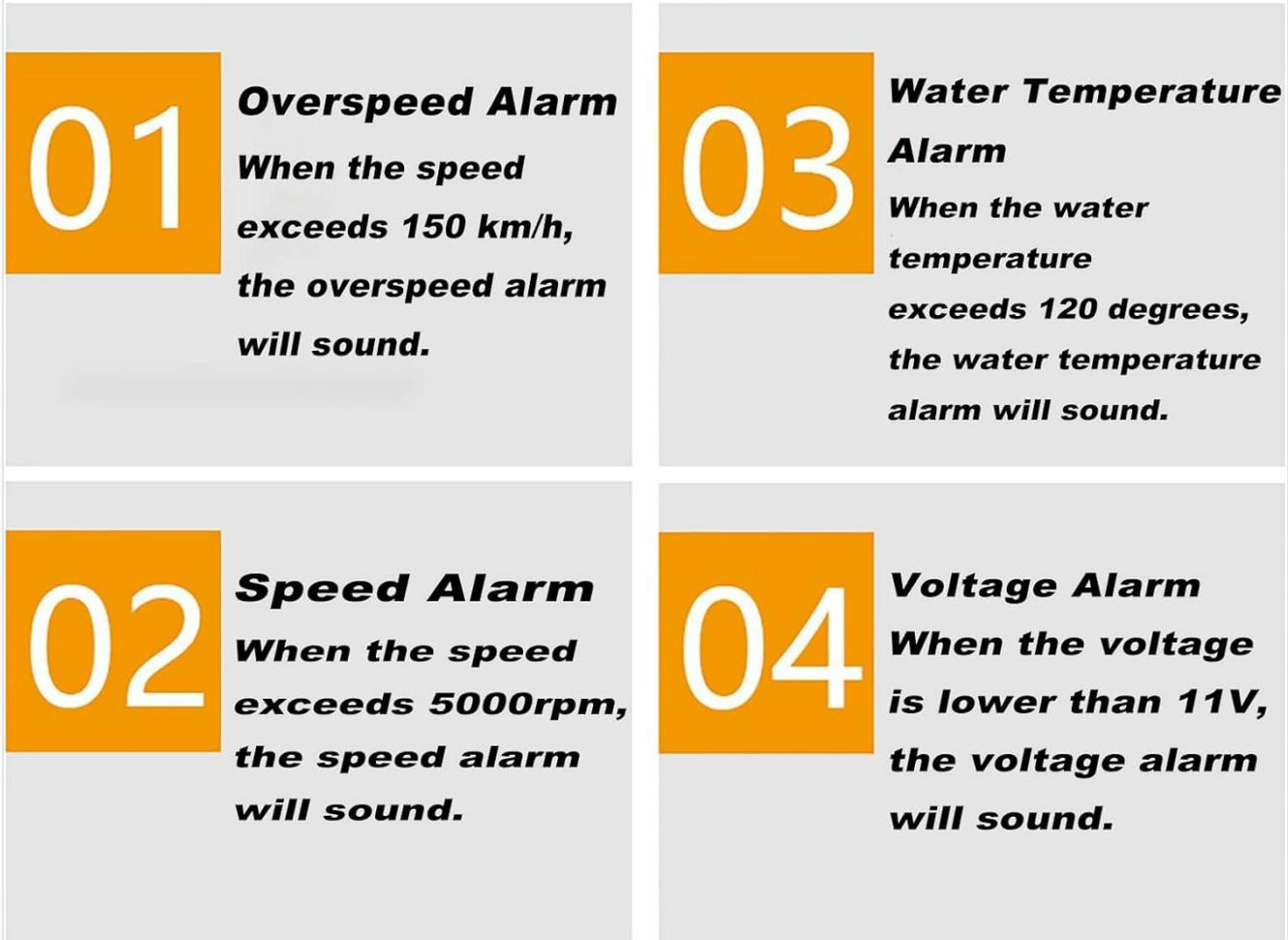


Image: Infographic illustrating the four primary alarm functions.

- **Overspeed Alarm:** An audible alert will sound if your vehicle speed exceeds 150 km/h (or a user-defined limit, if configurable).
- **Water Temperature Alarm:** An alarm will activate if the engine water temperature exceeds 120 degrees Celsius, indicating potential overheating.
- **Speed (RPM) Alarm:** If the engine RPM exceeds 5000, an alarm will sound, prompting you to check engine load or gear selection.
- **Voltage Alarm:** An alert is triggered if the vehicle's voltage drops below 11V, indicating a potential issue with the battery or charging system.

MAINTENANCE

To ensure the longevity and optimal performance of your Heads-Up Display, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe the display surface and the unit's casing. Avoid abrasive cleaners or solvents that could damage the surface.

- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods when not in use, or excessive moisture.
- **Cable Care:** Ensure the USB cable is not pinched or strained, as this can lead to damage and intermittent connectivity.

TROUBLESHOOTING

If you encounter issues with your Heads-Up Display, refer to the following common solutions:

- **No Display/Intermittent Display:**
 - Ensure the USB cable is securely connected to both the HUD unit and the vehicle's USB port.
 - Verify that the vehicle's ignition is on.
 - If the signal attenuates in indoor or signal-blocked spaces, reposition the unit near windows for optimal performance.
- **Inaccurate Readings:**
 - Ensure the unit is properly calibrated (if calibration options are available, refer to advanced settings not covered in this basic manual).
 - Check for any obstructions between the unit and the windshield that might distort the projection.
- **Display Too Dim/Bright:**
 - The unit features automatic brightness adjustment. Ensure the light sensor on the unit is not obstructed.
 - If manual brightness adjustment is available, use the control buttons to adjust.

SPECIFICATIONS

Feature	Detail
Product Dimensions	0.39 x 0.39 x 0.39 inches
Item Weight	2.2 pounds
Model Number	FGXDQFGXDQ-3276007
Connectivity	USB Plug and Play
Display Data	Speed, RPM, Water Temperature, Voltage

WARRANTY AND SUPPORT

This product has undergone strict quality control. For any questions or support needs, please contact our customer service team via email. We are committed to responding to your inquiries within 24 hours to provide assistance and resolve any issues you may encounter.

Please retain your purchase receipt for warranty purposes.



