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**LDGSUPH A91**

# LDGSUPH Car Meter A91 HUD Gauge User Manual

Model: A91

## Introduction

The LDGSUPH Car Meter A91 HUD Gauge is a head-up display designed to provide real-time vehicle data directly onto your windshield. This device enhances driving awareness by displaying critical metrics such as vehicle speed, engine RPM, turbo pressure, and oil temperature, allowing you to monitor essential information without diverting your attention from the road.
Key features include:

- **Real-Time Driving Data:** Projects key driving metrics like speed, RPM, turbo pressure, and oil temperature directly onto your windshield.
- **Universal Compatibility:** Designed to work with most 12V/24V vehicles, offering easy plug-and-play installation via OBD-II or cigarette lighter port.
- **Customizable Display:** Adjustable brightness and projection angle ensure clear visibility. Multiple data layouts are available to show only necessary information.
- **Enhanced Monitoring:** Helps monitor vital engine performance and vehicle health statistics, aiding in the early detection of potential issues.
- **Compact & User-Friendly:** Features a sleek, low-profile design and intuitive buttons with a multilingual menu for straightforward setup and operation.

## Product Overview




*Figure 1: The LDGSUPH Car Meter A91 HUD Gauge displaying speed and other vehicle data on a car dashboard.*

The A91 HUD Gauge is a dual-mode device supporting both OBD-II and GPS data input, providing comprehensive vehicle information. Its design allows for various mounting options to suit different vehicle interiors and driver preferences.




*Figure 2: The A91 HUD Gauge highlighting its dual-mode OBD+GPS functionality for versatile data acquisition.*




*Figure 3: A side view of the A91 HUD Gauge, emphasizing its robust internal components and performance capabilities.*

## Setup and Installation

The A91 HUD Gauge is designed for straightforward installation. It can connect to your vehicle via the OBD-II port or a standard power adapter (cigarette lighter port), depending on your vehicle's compatibility and desired data source.

1. **Choose Mounting Location:** Select a flat, stable surface on your dashboard that does not obstruct your view of the road or interfere with airbags.
   The device comes with multiple mounting options to secure it.




*Figure 4: Illustration of various mounting positions for the A91 HUD Gauge on a car dashboard.*

2. **Connect Power/Data Cable:**
    - **OBD-II Connection:** Locate your vehicle's OBD-II port (typically under the dashboard on the driver's side). Plug the provided OBD-II cable into the port and then into the HUD Gauge. This connection provides both power and vehicle data.
    - **Power Adapter Connection (GPS Mode):** If your vehicle does not have an OBD-II port, or if you prefer GPS-only data, connect the provided power adapter to your vehicle's cigarette lighter port and then to the HUD Gauge.
3. **Secure the Device:** Use the provided adhesive pad or mounting bracket to firmly secure the HUD Gauge to your chosen dashboard location. Ensure the device is stable and does not move during driving.
4. **Power On:** Start your vehicle. The HUD Gauge should power on automatically.

## Operating Instructions

The A91 HUD Gauge features intuitive controls for navigating menus and customizing the display.




*Figure 5: The A91 HUD Gauge interface showing gesture and touch button functionality for interaction.*

## Basic Operation:

- **Power On/Off:** The device typically powers on and off with your vehicle's ignition. If manual control is available, refer to the device's physical buttons.
- **Display Modes:** The A91 offers various display themes and layouts. Use the control buttons (or gesture controls if applicable) to cycle through these options.




*Figure 6: A collage showcasing nine distinct interface themes available on the A91 HUD Gauge.*

- **Brightness Adjustment:** Adjust the display brightness to ensure optimal visibility in different lighting conditions (day/night). This can usually be done through the settings menu.
- **Projection Angle:** If your model projects onto the windshield, adjust the angle for clear viewing.

### Menu Navigation:

Access the settings menu to customize various parameters:

- **Data Display:** Select which metrics (speed, RPM, turbo, oil temp, etc.) are shown on the main screen.
- **Units:** Change units for speed (km/h, mph), temperature (°C, °F), etc.
- **Alarms:** Set up overspeed warnings, high RPM alerts, or other critical parameter thresholds.
- **Language:** Select your preferred language for the menu interface.

Refer to the on-screen prompts and the device's physical buttons for specific navigation instructions.

## Maintenance

To ensure the longevity and optimal performance of your LDGSUPH Car Meter A91 HUD Gauge, follow these

maintenance guidelines:

- **Cleaning:** Gently wipe the display screen and device exterior with a soft, dry, or slightly damp cloth. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the screen or casing.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Care:** Ensure all cables are securely connected and not pinched or strained. Regularly inspect cables for any signs of wear or damage.
- **Software Updates:** Check the manufacturer's website (if applicable) for any available firmware updates to ensure your device has the latest features and bug fixes.

## Troubleshooting

If you encounter issues with your A91 HUD Gauge, try the following troubleshooting steps:

- **Device Not Powering On:**
  - Ensure the power cable is securely connected to both the device and the vehicle's power source (OBD-II port or cigarette lighter).
  - Check the vehicle's fuse for the OBD-II port or cigarette lighter.
  - Confirm the vehicle's ignition is on.
- **No Data Displayed (OBD-II Mode):**
  - Verify the OBD-II cable is fully inserted into both the device and the vehicle's port.
  - Ensure your vehicle is OBD-II compliant (most vehicles manufactured after 1996 are).
  - Try restarting the vehicle and the device.
- **Inaccurate Speed Reading (GPS Mode):**
  - Ensure the device has a clear view of the sky for GPS signal acquisition.
  - Allow a few minutes for the GPS to acquire a stable signal after powering on.
- **Display Too Dim/Bright:**
  - Adjust the brightness settings through the device's menu.
  - Ensure the ambient light sensor (if present) is not obstructed.

If these steps do not resolve the issue, please contact customer support for further assistance.

## Specifications

| Feature | Detail |
| --- | --- |
| Brand | LDGSUPH |
| Model Number | A91 |
| ASIN | B0GFTRTS72 |
| Package Dimensions | 9.84 x 3.94 x 3.94 inches |
| Item Weight | 1.1 pounds |

| Feature | Detail |
| --- | --- |
| Material | Acrylonitrile Butadiene Styrene (ABS) |
| Connectivity | OBD-II, GPS |
| Compatibility | Most 12V/24V vehicles |

## Warranty and Support

For warranty information, please refer to the documentation included with your purchase or visit the official LDGSUPH website. If you require technical assistance or have questions not covered in this manual, please contact LDGSUPH customer support through their official channels.
*Note: Specific warranty terms may vary by region and retailer. Keep your proof of purchase for warranty claims.*

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