## AZIJYV C3

# AZIJYV C3 Heads Up Display User Manual

Model: C3 | Brand: AZIJYV

## 1. Introduction and Overview

The AZIJYV C3 Heads Up Display (HUD) is designed to project essential vehicle data directly onto a built-in transparent screen, enhancing driving safety and convenience. Unlike traditional HUDs, the C3 utilizes a special transparent reflector, eliminating the need for reflective films on your car's windshield and preventing double images, even in bright sunlight. Its adjustable angle allows for personalized viewing based on your driving position.




Image: The AZIJYV C3 Heads Up Display unit, showcasing its transparent display with digital readouts for speed, RPM, and other vehicle data.

## 2. What's in the Box

Please verify that all the following components are included in your package:

- C3 Heads Up Display Unit
- OBD Cable
- Cigarette Lighter Cable (USB Cable)
- English User Manual
- Cleaning Cloth




Image: All components included in the AZIJYV C3 Heads Up Display package, laid out for inspection.

## 3. Setup and Installation

The C3 HUD offers dual operating modes: OBD2 and GPS. The OBD2 mode is compatible with most petrol cars manufactured after 2009. For diesel vehicles, cars manufactured before 2009, or if the OBD system is not compatible, please use the GPS mode.

### 3.1. Connecting the Device

1. Locate your vehicle's OBD2 port, typically found under the dashboard on the driver's side.
2. Connect the provided OBD cable to the OBD2 port.
3. Route the cable discreetly to the desired placement of the HUD unit on your dashboard.
4. Connect the other end of the OBD cable to the C3 HUD unit.
5. Alternatively, for GPS mode or vehicles above 18 volts, use the complimentary USB cable to power the device via your car's cigarette lighter port or a USB power source.




Image: The AZIJYV C3 Heads Up Display, highlighting its dual OBD+GPS system compatibility for various car models.




Image: Illustration of the OBD+GPS dual system, emphasizing its broad compatibility and the need to switch to GPS mode if OBD is not

supported.

### 3.2. Device Placement

Place the C3 HUD unit on your dashboard in a position that allows for clear visibility of the projected data without obstructing your view of the road. The transparent reflector can be slightly adjusted to optimize the viewing angle.

### 3.3. Mode Selection

Upon power-on, the device will attempt to connect via OBD2. If your vehicle's OBD system is not compatible, the device will automatically switch to GPS mode within 5 seconds. You can also manually switch modes if needed.

### 3.4. Installation Demonstration Video

Watch this official video for a step-by-step guide on installing and setting up your AZIJYV C3 Heads Up Display.

Your browser does not support the video tag.

Video: A demonstration of the AZIJYV C3 Heads Up Display in use, showing its features and the installation process, including connecting the OBD cable and placing the unit on the dashboard.

## 4. Operating Instructions

### 4.1. OBD Mode Functions

When operating in OBD mode, the C3 HUD can display a comprehensive range of vehicle data:

- Vehicle speed
- Water temperature
- Voltage
- Fuel consumption
- Engine speed (RPM)
- Single mileage
- Total mileage
- Accumulated driving time
- Direction of travel
- Satellite search status
- Altitude
- System time
- Intake pressure
- Oil temperature
- Air fuel ratio
- Turbine pressure
- Acceleration test results
- Braking test results
- Fault code clearing
- Data flow reading

### 4.2. GPS Mode Functions

In GPS mode, the C3 HUD provides data primarily derived from satellite signals:

- Vehicle speed
- Travel time

- Satellite time
- Altitude
- Satellite quantity
- Travel direction
- Single mileage
- Voltage
- Acceleration test results
- Braking test results




Image: A visual representation of the various data points displayed by the C3 HUD in both OBD and GPS operating modes.

### 4.3. Multiple Screen Options and Customization

The C3 HUD features a unique interface design with 8 color options and 12 different screen layouts. You can switch between these options with a single click, allowing you to customize the display to match your preferences and needs.




Image: Various customizable dashboard content options available with a one-click switch on the C3 HUD.

### 4.4. Automatic Brightness Adjustment

The device is equipped with a sensor that automatically adjusts the display brightness based on the ambient light conditions. This ensures optimal visibility of the projected data, whether driving in bright daylight or at night.




Image: Comparison showing the HUD display clarity in both bright daylight and dark night conditions due to automatic brightness adjustment.

### 4.5. Alarm Functions

The C3 HUD includes several alarm features to enhance driving awareness:

- **Overspeed Alarm:** Alerts you when your vehicle exceeds a preset speed limit. This limit can be adjusted.
- **RPM Alarm:** Notifies you if the engine RPM reaches a set default value (e.g., 7500 rpm).
- **High Water Temperature Alarm:** Warns you if the engine water temperature rises above 120 degrees Celsius (or equivalent Fahrenheit, based on unit setting).
- **Low Voltage Alarm:** Activates if the vehicle's voltage drops below a default value (e.g., 10.0 volts).
- **Engine Fault Alarm:** Indicates an engine fault detected via the OBD system.
- **Fatigue Driving Reminder:** Reminds you to take a break after continuous driving for more than 4.0 hours.




Image: Visual representation of the various alarm types, including overspeed, RPM, water temperature, voltage, and DTCS (fault code) alarms.

## 5. Maintenance

To ensure the longevity and optimal performance of your AZIJYV C3 HUD, follow these simple maintenance guidelines:

- Regularly clean the transparent display screen and the unit's body using the provided cleaning cloth or a soft, lint-free cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the display and casing.
- Keep the device free from dust and debris, especially around the ventilation areas.
- Ensure cables are not pinched or damaged during installation or daily use.

## 6. Troubleshooting

If you encounter issues with your C3 HUD, please refer to the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|---|---|---|
| No display/Device not powering on | Loose cable connection; Vehicle's OBD port not providing power; Incorrect power source. | Check if the OBD cable or USB cable is securely connected. Ensure the vehicle's ignition is on. Try using the USB cable if OBD connection fails. Verify vehicle voltage is within 11V-18Vdc; use USB for >18V. |
| OBD mode not working / No data displayed in OBD mode | Vehicle not OBD2 compatible (e.g., diesel, pre-2009 model); OBD port issue. | Switch the device to GPS mode. The OBD system is primarily for petrol cars manufactured after 2009. |
| Inaccurate speed reading in GPS mode | Weak GPS signal; Device calibration needed. | Ensure the device has a clear view of the sky for optimal GPS signal reception. Refer to the full user manual for calibration instructions if available. |
| Display is dim or too bright | Automatic brightness sensor obstructed or malfunctioning. | Ensure the light sensor on the device is not covered. The device automatically adjusts brightness. |

## 7. Specifications

| Feature | Detail |
|---|---|
| Model Number | C3 |
| Brand | AZIJYV |
| Product Dimensions (L x W x H) | 3.8 x 4.49 x 1.3 inches |
| Item Weight | 40 Grams (1.41 ounces) |
| Material | Acrylonitrile Butadiene Styrene (ABS) |
| Screen Size | 5.84 Inches |
| Working Voltage | 11V~18Vdc (12Vdc/200mA) |
| Compatibility | OBD2 mode for most petrol cars after 2009; GPS mode for all cars. |
| Date First Available | October 18, 2024 |

## 8. Warranty and Support

For any issues encountered during the use of your AZIJYV C3 Heads Up Display, please contact us through the Amazon platform. Our customer service team is ready to assist you with troubleshooting, product inquiries, and any other support needs.

Please retain your purchase receipt as proof of purchase for warranty purposes.

© 2025 AZIJYV. All rights reserved.

## 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**