MAIMEIMI B3

MAIMEIMI OBD2 Head Up Display Model B3 User Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MAIMEIMI OBD2 Head Up Display Model B3. Please read this manual thoroughly before use to ensure proper functionality and safety.

PRODUCT OVERVIEW

Key Features

- **Multi-Functional Display:** Reads vehicle data including time, speed, mileage, travel time, RPM, fuel consumption, voltage, and water temperature.
- **Multiple Data UI Interfaces:** Offers 9 distinct display modes to show single or multiple data points simultaneously.
- **5 Alarm Functions:** Includes overspeed, speed, fatigue driving, water temperature, and voltage alarms for enhanced safety.
- **Automatic Brightness Adjustment:** Features a built-in light sensor for automatic brightness control, with manual adjustment options.

Package Contents

- OBD2 Head Up Display Unit
- USB Cable
- Anti-slip Mat
- User Manual
- Double-sided Adhesive Non-slip Mat

MAIMEIM OBD2 HEAD UP DISPLAY FOR CAR

A reliable companion to accompany you during your drive

This image illustrates the MAIMEIMI OBD2 Head Up Display in a car environment, highlighting its primary function of displaying essential driving data directly in the driver's line of sight.

SETUP AND INSTALLATION

Compatibility Notice

This OBD heads up display is only applicable to cars that support OBDII and EOBD protocols (cars produced after 2008 began to use OBDII and EOBD). It does not support OBDI and JOBD. The following brands and vehicle types are generally not compatible with the OBD2 system:

- Dodge, JEEP, Sail, Chrysler
- French models, Italian models
- Suzuki, Mazda 6
- Infiniti (QX50, Q50, Q501)
- Toyota Avanza (2013 model)
- Lexus (IS250, EX250, ES300H)
- Honda (Jazz, CRV)
- Kia
- Hybrid and diesel vehicles
- Pickups, RVs
- Vehicles with modified automotive computers

Installation Steps

HOW TO INSTALL？ -PLUG AND PLAY!

STEP1: Plug in the OBD
receptacle connector

STEP2: The wire is stuffed into
the A-pillar seal

STEP3:Connect one end of the OBD
interface to the HUD,
place the HUD in place

A visual guide demonstrating the simple plug-and-play installation process. Step 1 shows plugging the OBD receptacle connector. Step 2 illustrates stuffing the wire into the A-pillar seal. Step 3 depicts connecting the USB cable to the HUD and placing the unit on the dashboard.

1. **Step 1:** Locate your vehicle's OBD2 port (typically under the dashboard on the driver's side) and plug in the provided OBD receptacle connector.
2. **Step 2:** Route the USB cable from the OBD connector, tucking it neatly into the A-pillar seal or along the dashboard edges to conceal it.
3. **Step 3:** Connect the other end of the USB cable to the HUD unit. Place the HUD securely on your dashboard. If the dashboard surface is inclined, use the provided double-sided adhesive non-slip mat to prevent movement.

OPERATING INSTRUCTIONS

Display Functions

MAIMEIMI HUD FUNCTIONS

Fuel consumption progress bar

Decorative mood lights   RPM progress bar   Decorative mood lights

Press left
Long press in: setting
Press right

43mm
1.70in

16mm
1.63in

168mm
6.62in

Water tem perature icon

Photosensitive element   Mini-USB interface

Water temperature unit: °C/F
Speed units: MPH-miles, KM/H-km

Clock, RPM, MlN-travel time,
TRIP-driving distance,
FUE-fuel consumption, V-voltage

This diagram details the various display elements and their meanings on the MAIMEIMI HUD. It shows the location of the RPM and fuel consumption progress bars, decorative mood lights, water temperature unit (°C/°F), speed units (MPH/KM/H), and digital readouts for clock, RPM, travel time, driving distance, fuel consumption, and voltage.

The MAIMEIMI HUD displays a variety of essential driving data. Key indicators include:

- **Speed:** Current vehicle speed (MPH or KM/H).
- **RPM:** Engine revolutions per minute, often shown with a progress bar.
- **Water Temperature:** Engine coolant temperature (°C or °F).

- **Voltage:** Vehicle battery voltage.
- **Fuel Consumption:** Real-time fuel usage, sometimes with a progress bar.
- **Time:** Current time.
- **Mileage/Driving Distance:** Distance traveled during the current trip.
- **Travel Time:** Duration of the current trip.
- **Decorative Mood Lights:** Ambient lighting elements for visual appeal.

Multiple Data UI Interfaces

The MAIMEIMI OBD2 Head Up Display offers 9 distinct data UI interfaces. These interfaces allow you to customize the display to show single or multiple driving data points simultaneously, according to your preferences and driving needs. Refer to the image below for examples of available layouts.
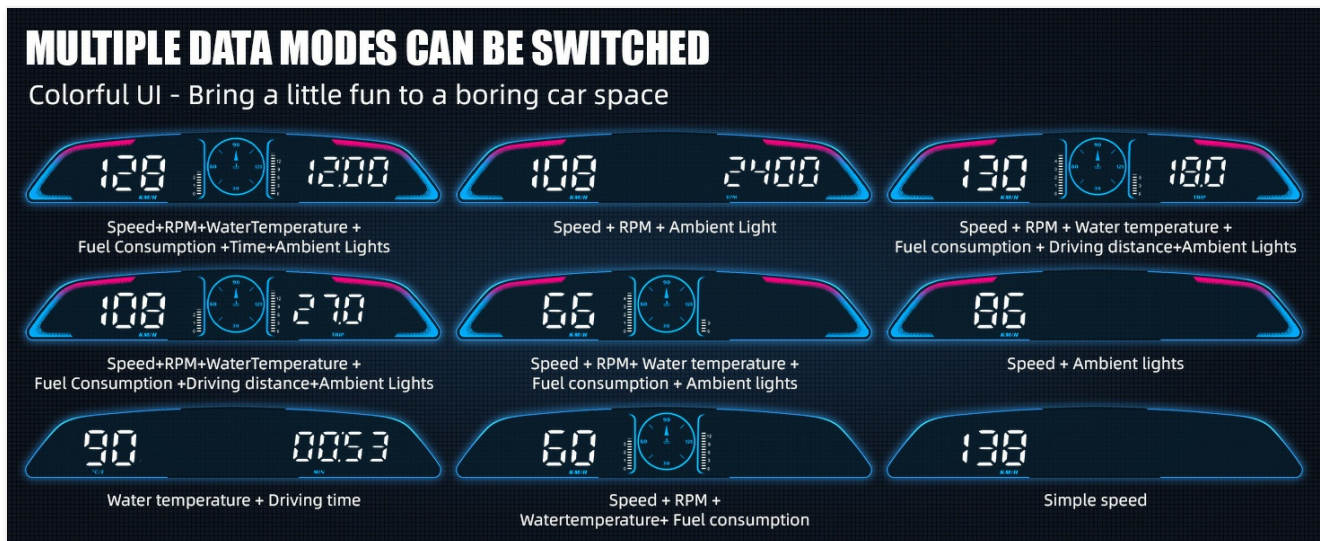
This image displays the nine different user interface layouts available on the HUD, illustrating how various data combinations (e.g., Speed + RPM + Water Temperature + Fuel Consumption + Time + Ambient Lights, or Simple Speed) can be selected.

Alarm Functions

The device includes 5 alarm functions designed to enhance driving safety by alerting you to critical conditions. You can adjust the alarm thresholds according to your preferences and local regulations. The HUD will emit an audible alert if any preset value is exceeded.

This image visually represents the five alarm functions: Overspeed alarm, Voltage alarm, RPM alarm, Water temperature alarm, and a Tired driving reminder.

- **Overspeed Alarm:** Alerts you when your speed exceeds a set limit.

- **Voltage Alarm:** Notifies you if the vehicle's voltage drops below a safe level.
- **RPM Alarm:** Warns if engine RPMs exceed a predefined threshold.
- **Water Temperature Alarm:** Indicates if the engine coolant temperature becomes too high.
- **Fatigue Driving Alarm:** Reminds you to take a break after a set period of continuous driving.

Automatic Brightness Adjustment

The HUD features a built-in light sensor that automatically adjusts the display brightness based on ambient light conditions, ensuring clear visibility day or night. Manual brightness adjustment is also possible through the device settings.

This image demonstrates the automatic brightness adjustment feature, showing the HUD display clearly visible in bright daylight and automatically dimmed for comfortable viewing at night.

TROUBLESHOOTING

Speed Inconsistency Adjustment

If you observe a discrepancy between the HUD's speed reading and your vehicle's speedometer, follow these steps to calibrate the HUD:

1. Enter setup mode 1 on the HUD. The initial value displayed is typically 107.
2. Compare the HUD speed with your vehicle's speedometer. For example, if your vehicle's speedometer reads 100 MPH and the HUD reads 105 MPH (meaning the HUD is 5 MPH faster), you need to adjust the HUD's value.
3. Subtract the observed speed difference from the initial value. In the example, 107 - 5 = 102. Adjust the HUD's setting to 102.
4. This adjustment principle involves adding or subtracting the speed difference from the initial calibration value (107) to match your vehicle's speedometer.

SPECIFICATIONS

Feature	Detail
Product Dimensions	6.62 x 1.63 x 1.7 inches
Item Weight	6.35 Ounces
Model Number	B3

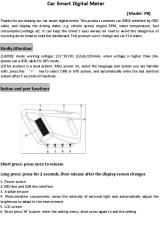| Feature	Detail
Material	Acrylonitrile Butadiene Styrene (ABS)
Manufacturer	MAIMEIMI
Date First Available	September 11, 2024

MAINTENANCE

To ensure the longevity and optimal performance of your MAIMEIMI OBD2 Head Up Display, follow these general maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Ensure the display surface is free from dust and smudges for clear projection.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods when not in use.
- Periodically check the cable connections to ensure they are secure.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official MAIMEIMI website. Keep your purchase receipt as proof of purchase.

Related Documents - B3

	[Car Smart Digital Meter P8 User Manual - OBD2+GPS HUD](#) Comprehensive user manual for the MAIMEIMI P8 Car Smart Digital Meter, featuring OBD2 and GPS functionality. Learn about installation, settings, functions, troubleshooting, and FAQs for this Head-Up Display.
	[MT0061 MAIMEIMI Motorcycle Speedometer User Manual](#) User manual for the MAIMEIMI MT0061 LED Digital Motorcycle Speedometer, detailing its features, display indicators, and wiring connections. Compatible with Honda CG125, Fan 125, and Titan 125 models (2000-2013).

Instruction Manual **B3** Multi-function emergency radio Before using, please read the manual carefully.	[B3 Multi-function Emergency Radio: User Manual and Specifications](#) Comprehensive user manual for the B3 multi-function emergency radio, covering operation, features like flashlight, reading light, SOS alarm, charging methods, power indicator, and detailed specifications. Includes FCC compliance information.
Car Smart Digital Meter	[Car Smart Digital Meter P8 User Manual - OBD2+GPS HUD](#) Comprehensive user manual for the MAIMEIMI P8 Car Smart Digital Meter, featuring OBD2 and GPS functionality. Learn about installation, settings, functions, troubleshooting, and FAQs for this Head-Up Display.
	[MT0061 MAIMEIMI Motorcycle Speedometer User Manual](#) User manual for the MAIMEIMI MT0061 LED Digital Motorcycle Speedometer, detailing its features, display indicators, and wiring connections. Compatible with Honda CG125, Fan 125, and Titan 125 models (2000-2013).
Gamewell FCI by Honeywell **E3 Series® Classic Installation/Operation Manual**	[Gamewell FCI E3 Series Classic Installation/Operation Manual](#) Comprehensive guide for the Gamewell FCI E3 Series Classic Emergency Voice Evacuation System, detailing installation, operation, and system components. Covers network architecture, sub-assemblies, wiring, and compliance with fire safety standards.