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> iKiKin M7 Car Head-Up Display Instruction Manual

## iKiKin M7

# iKiKin M7 Car Head-Up Display Instruction Manual

Model: M7 | Brand: iKiKin

## 1. INTRODUCTION

The iKiKin M7 Car Head-Up Display (HUD) is designed to project essential driving information directly onto your car's windshield, enhancing driving safety and convenience. This device supports both OBD2 and GPS modes, offering a wide range of data displays including speed, engine RPM, voltage, water temperature, and travel distance. This manual provides comprehensive instructions for installation, operation, and troubleshooting to ensure optimal use of your M7 HUD.

## 2. PRODUCT FEATURES

- **Dual System:** Supports both OBD2 and GPS modes for broad vehicle compatibility.
- **LED Screen:** Clear and bright display for easy readability in various lighting conditions.
- **Multiple Display Modes:** Offers 6 different display modes to customize information presentation.
- **Comprehensive Data Display:** Shows driving speed, engine RPM, instantaneous voltage, water temperature, travel distance, time, and satellite number.
- **Safety Warnings:** Includes overspeed, over water temperature, over voltage, and over RPM alarms with 4-stage alarm settings.
- **Automatic Brightness Adjustment:** Adapts display brightness based on ambient light.
- **Easy Installation:** Simple plug-and-play setup.

# M7ヘッドアップディスプレイ

OBD2+GPSダブルシステム100%通用

すべての車種対応！  
設置簡単！



The iKiKin M7 Head-Up Display projects essential driving information directly onto your windshield, featuring a dual OBD2+GPS system for wide compatibility and easy installation.

## 3. PACKAGE CONTENTS

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

- HUD Main Unit
- GPS Cigarette Cable
- OBD Cable
- Instruction Manual
- Reflective Film
- Non-slip Mat

# パッケージ内容



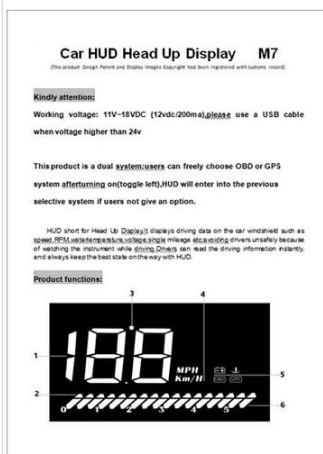
HUD本体



GPSシガレットケーブル



OBDケーブル



取扱説明書



反射フィルム



滑り止めマット

【ご注意】:すべての車種対応、設置簡単(電源を入れるだけ)

作業電圧:11v~18vdc (12vdc/200ma) 電圧が24v以上である場合、  
USBケーブルを使ってください。

The package includes the HUD main unit, GPS cigarette cable, OBD cable, instruction manual, reflective film, and a non-slip mat.

## 4. SETUP AND INSTALLATION

Follow these steps to install your iKiKin M7 HUD:

1. **Connect Power:** Plug the provided OBD cable into your vehicle's OBD2 port (usually located under the dashboard on the driver's side). Alternatively, if your vehicle's voltage exceeds 24V, use the GPS cigarette cable and plug it into the cigarette lighter socket.
2. **Route Cable:** Carefully tuck the cable along the column sealing strip to conceal it and prevent obstruction.
3. **Position HUD:** Place the HUD main unit on your dashboard in a position that does not obstruct your driving view. Use the non-slip mat to secure it.
4. **Apply Reflective Film (Optional):** If the display is not clear or has double images, apply the reflective film to the windshield where the HUD projects.

# 取り付け方法



1 OBDソケット/シガーレットに差し込む



2 カラムシーリングストリップに挿す



3 OBDインタフェースをHUDと接続  
運転視野の邪魔にならない位置で固定



Installation steps include: 1. Connecting the OBD socket/cigarette lighter, 2. Tucking the cable into the column sealing strip, and 3. Fixing the HUD in a position that does not obstruct the driving view.

## Installation Video Guide

This video demonstrates the installation process of a car head-up display, including connecting the OBD cable and routing it neatly along the car's interior.

## 5. OPERATING MODES AND FUNCTIONS

The M7 HUD operates in two main modes: OBD2 and GPS. You can switch between modes using the horizontal roller button on the device.

# 多機能ダブルシステム



This image illustrates the dual system capabilities of the iKiKin M7, showing different data displayed in OBD and GPS modes.

## 5.1. OBD2 Mode Functions

When connected via the OBD2 port, the HUD can display the following information:

- Driving Speed
- Engine RPM
- Instantaneous Voltage
- Water Temperature (with progress bar display)
- Travel Distance
- Automatic Photosensitive Brightness
- Alarm Sound Switch
- Km/h MPH Switch
- Auto On/Off Switch
- Overspeed Alarm
- Over Water Temperature Alarm
- Over Voltage Alarm
- Over RPM Alarm

- 4-stage Alarm Setting

## 5.2. GPS Mode Functions

When operating in GPS mode (typically used when OBD2 is not compatible or preferred), the HUD can display:

- Driving Speed
- Engine RPM
- Instantaneous Voltage
- Satellite Number
- Automatic Photosensitive Brightness

# OBD主要機能

				
運転速度	エンジン回転数	瞬時電圧	水温	走行距離
		Km/h MPH	°C/F	
自動感光性輝度	警報音スイッチ	KM/MPH スイッチ	水温プログレス バー表示	自動オン/オフ スイッチ
				
過速度警報	過水温警報	過電圧警報	過回転数警報	4段階警報設定

# GPS主要機能

				
運転速度	エンジン回転数	瞬時電圧	衛星番号	自動感光性輝度

This graphic details the main functions available in OBD and GPS modes.

# 4種類の実用走行情報一目瞭然!

横のローラーボタンを操作する事によって、モードが自由に切り替える



スピード



スピード+装飾用ライト



スピード+スピードアイコン



スピード+装飾用ライト+RPMアイコン

This image demonstrates four different display configurations. Modes can be switched using the horizontal roller button.

## Operation Video Guide

This video provides a general overview of a car speedometer head-up display in action, showing speed and other data projected onto the windshield during driving.

## 6. SETTINGS AND ADJUSTMENTS

The M7 HUD allows for various adjustments to optimize its performance and display. Access the settings menu by long-pressing the dial for 5 seconds when the device is powered on.

### 6.1. Speed Error Adjustment

If you notice a discrepancy between the HUD's speed display and your vehicle's speedometer:

1. While the HUD is powered on, long-press the dial for 5 seconds to enter the settings screen.
2. Navigate to **Menu 1**.
3. Press the dial, and a value (e.g., 107) will be displayed. Adjust this value up or down to match your car's actual speed.
4. After adjustment, long-press the dial for 5 seconds to save the setting and return to the normal display.

### 6.2. Automatic Power On/Off Voltage Adjustment

For OBD2 mode, the automatic power on/off is triggered by voltage changes. If the device doesn't power on/off as expected:

- If the device doesn't turn on automatically or flashes during driving (due to low base voltage), adjust **Menu 10** parameter to **13.0V** or **12.8V**.
- If the device doesn't turn off automatically after the engine stops, adjust **Menu 10** parameter to **13.5V**.
- If these adjustments do not resolve the issue, consider using the included cigarette USB cable instead of the OBD cable.

## Settings Video Guide

This video shows the settings and actual usage of a car head-up display, highlighting various display modes and adjustments.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your iKiKin M7 HUD.

Issue	Solution
Powered on, but only voltage is displayed and screen turns off after 30 seconds.	If the OBD cable is connected, the power will not turn on unless the voltage exceeds 13.2V. Remove the OBD cable and use the cigarette USB cable by inserting it into the cigarette socket.
Power does not turn on automatically, or display flashes during driving.	If the OBD cable is connected, the power turns off if the voltage drops below 13.2V. Your car's base voltage may be low, so please set parameter number 10 in the settings menu to 13.0V or 12.8V. If this does not resolve the issue, please use the included cigarette USB cable by inserting it into the cigarette socket.
Power does not turn off automatically after engine stops.	If the OBD cable is connected, the automatic power-off setting is 13.2V. The power turns on if the car's voltage exceeds 13.2V and turns off if it drops below. If the power does not turn off automatically, try setting parameter number 10 in the settings menu to 13.5V. If this does not resolve the issue, please use the cigarette USB cable by inserting it into the cigarette socket.
Speed error.	Long-press the dial for 5 seconds while powered on to enter the settings screen. In Menu 1, press the dial, and a value (e.g., 107) will be displayed. Adjust this value to match your car's actual speed. After adjustment, long-press for 5 seconds to return to the normal screen.
Vehicle speed display is delayed.	In GPS mode, the HUD needs to read and display data. There will be a display delay due to GPS signal delay. This is not a malfunction. Please be aware.

## 8. SPECIFICATIONS

- **Brand Name:** iKiKin
- **Model:** M7
- **UPC:** 724873493782
- **ASIN:** B07MQYMQDX
- **Working Voltage:** 11V-18VDC (12VDC/200mA). If voltage is over 24V, use the USB cable.
- **Dimensions:** Approximately 3.5 inches (width) x 2.1 inches (depth) x 1 inch (height with hood) / 0.6 inches (height without hood).

# 製品情報



## スタンディング一体化デザイン



The product features an integrated standing design with a lens hood and specified dimensions.

## 9. MAINTENANCE

To ensure the longevity and optimal performance of your iKiKin M7 HUD, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the display and exterior. Avoid abrasive cleaners or solvents that may damage the surface.
- **Temperature:** Do not expose the device to extreme temperatures (hot or cold) for extended periods.
- **Moisture:** Keep the device dry. Do not expose it to water or excessive humidity.
- **Handling:** Handle the device with care to prevent physical damage.

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the specific warranty card included in your product packaging or contact iKiKin customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

