

iKiKin A2

iKiKin A2 Head Up Display Car User Manual

Model: A2 | Brand: iKiKin

1. INTRODUCTION

The iKiKin A2 Head Up Display (HUD) is designed to project essential driving information directly onto your car's windshield, allowing you to view data such as vehicle speed, satellite count, and driving direction without diverting your eyes from the road. This device utilizes a built-in GPS signal module for accurate and real-time data updates, making it suitable for a wide range of vehicles including cars, trucks, SUVs, and more. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and user safety.



Image: The iKiKin A2 HUD unit and its projection on a car windshield, displaying speed and directional indicators.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the iKiKin A2 HUD. Failure to follow these instructions may result in injury or damage to the device or vehicle.

- **Driving Safety:** Always prioritize road conditions and traffic laws. The HUD is an auxiliary display and should not replace your primary vehicle instruments.
- **Installation:** Ensure the device is securely mounted and does not obstruct your view of the road or interfere with vehicle controls.
- **Power Source:** Use only the provided USB cable and connect to a compatible 5V power source (e.g., car cigarette lighter adapter).
- **Temperature:** Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- **Cleaning:** Do not use abrasive cleaners or solvents on the device. Refer to the Maintenance section for proper

cleaning procedures.



Image: Compliance label indicating the device adheres to FCC, CE, and UKCA regulations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- iKiKin A2 Head Up Display Unit
- USB Power Cable
- Non-slip Mat
- Reflection Film (for optimal display clarity)
- User Manual (this document)

4. PRODUCT OVERVIEW AND FEATURES

The iKiKin A2 HUD features a compact design with a 3.5-inch HD color display. It integrates advanced technology to provide accurate and clear information.

4.1 Main Functions

- **Speed Display:** Shows current vehicle speed in KM/H or MPH.
- **Time Display:** Displays current time.
- **Driving Direction:** Indicates cardinal directions (N, S, E, W).
- **Satellite Count:** Shows the number of connected GPS satellites.
- **Over-Speed Alarm:** Alerts the driver when a preset speed limit is exceeded.
- **Fatigue Driving Reminder:** Prompts the driver to rest after a set duration of continuous driving.
- **Auto-Sensitivity:** Built-in light sensor automatically adjusts display brightness based on ambient light conditions.

COLORFUL HD DISPLAY



main function



Speed



Time

MPH
Km/H



English km switch

Speed/Time
auto switch



Fatigue driving
reminder



Overspeed
alarm



Driving
direction



Auto-sensitivity



Audible alarm
switch

A2



Image: The iKiKin A2 HUD unit displaying various functions, including speed, time, and directional indicators, highlighting its compact size.

4.2 Components and Controls



Image: A detailed view of the iKiKin A2 HUD, illustrating its dimensions (3.5 inches wide), USB cable input, power on/off button, and the three-way wave button for navigation.

- **Display Screen:** 3.5-inch LED display for information projection.
- **USB Cable Input:** Port for connecting the power cable.
- **Power On/Off Button:** Controls the device's power state.
- **Three-Way Wave Button:** Used for navigation and setting adjustments.
 - Up button: Move up in menus or increase values.
 - OK button: Press inward to confirm selections.
 - Down button: Move down in menus or decrease values.
- **Light Sensor:** Automatically adjusts display brightness.
- **GPS/BEIDOU Dual-Mode Chip:** Ensures accurate data acquisition and display.

GPS + BEIDOU DUAL-MODE CHIP

HUD body is built-in the new generation of GPS module, to keep the data accurate.



Image: The iKiKin A2 HUD unit with a satellite graphic, emphasizing its integrated GPS and BEIDOU dual-mode chip for precise data accuracy.

5. SETUP

Follow these steps to install your iKiKin A2 HUD:

1. **Choose Placement:** Select a flat, non-obstructive area on your dashboard, typically near the windshield, where the projected display will be clearly visible.
2. **Secure the Device:** Place the non-slip mat on the chosen dashboard area, then position the HUD unit on the mat to prevent movement during driving.
3. **Apply Reflection Film (Optional but Recommended):** If the projection appears blurry or has a double image, apply the included reflection film to the windshield. Clean the windshield area thoroughly, spray a small amount of water, apply the film, and smooth out any air bubbles.
4. **Connect Power:** Plug the USB cable into the HUD unit and connect the other end to your car's cigarette lighter interface using the provided adapter, or a suitable USB port (5V).

5. **Route Cable:** Carefully route the USB cable to avoid interference with driving controls and to maintain a tidy appearance. You can tuck the wire into the A-pillar seal.
6. **Power On:** The device will automatically power on when the car starts and power off when the car is turned off.

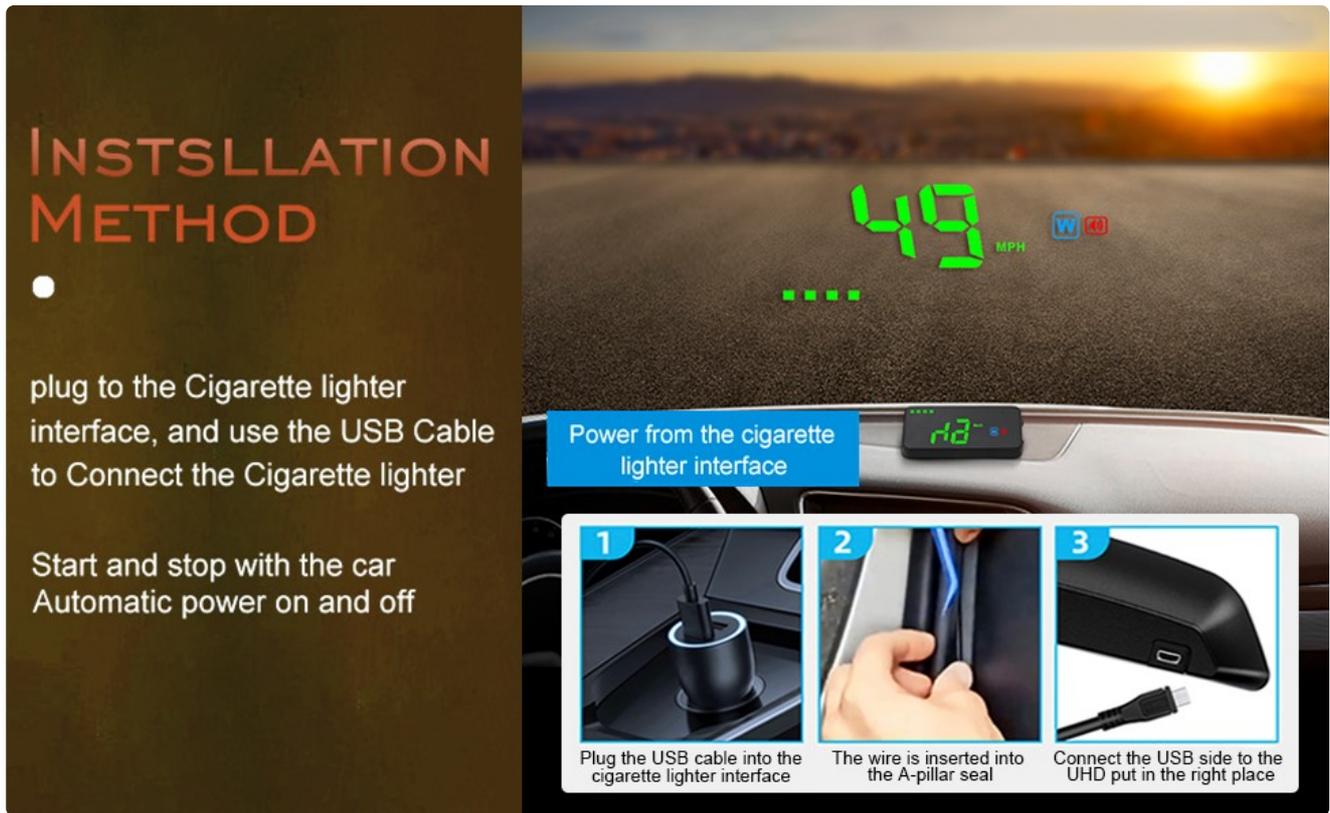


Image: A visual guide demonstrating the installation process, including plugging the USB cable into the cigarette lighter, routing the wire, and connecting it to the HUD unit.

6. OPERATING INSTRUCTIONS

Once installed, the iKiKin A2 HUD is ready for use. Here's how to operate and adjust its settings:

6.1 Basic Operation

- **Automatic Power:** The HUD will automatically turn on and off with your vehicle's ignition.
- **GPS Signal Acquisition:** Upon startup, the device will search for GPS signals. The satellite icon will flash until a stable connection is established, then it will remain solid.
- **Automatic Brightness:** The built-in light sensor adjusts the display brightness automatically to ensure visibility in various lighting conditions, from bright daylight to night driving.



Image: The iKiKin A2 HUD demonstrating its clear visibility during the day and its soft, non-dazzling display at night, thanks to automatic brightness adjustment.

6.2 Setting Adjustments

Use the three-way wave button to access and modify settings:

- **Entering Settings:** Press and hold the OK button (inward press) for a few seconds to enter the settings menu.
- **Navigating Settings:** Use the Up/Down buttons to scroll through the available settings options.
- **Selecting/Adjusting:** Press the OK button to select a setting. Use Up/Down to change its value. Press OK again to confirm the change.
- **Exiting Settings:** Press and hold the OK button again to exit the settings menu.

6.3 Key Settings

- **Speed Unit (KM/H or MPH):** Navigate to the speed unit setting and select your preferred unit.
- **Speed Calibration:** If the displayed speed differs from your vehicle's speedometer, you can adjust the calibration value. Refer to the troubleshooting section for more details.
- **Over-Speed Alarm Threshold:** Set the speed at which the over-speed alarm will activate.
- **Fatigue Driving Reminder Time:** Configure the duration after which the fatigue reminder will activate.
- **Audible Alarm Switch:** Enable or disable audible alerts for alarms.

Two Alarm Functions Improve Safety Driving



New multi-color HD HUD, Only to change the world again.
Blackening treatment for the heavy material on the surface to eliminate double reflections



Image: The iKiKin A2 HUD features two important safety alarms: an over-speed alarm to warn of exceeding set limits, and a fatigue driving reminder to prompt breaks during long journeys.

7. MAINTENANCE

Proper care will extend the life of your iKiKin A2 HUD.

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the exterior of the HUD unit. For stubborn smudges, slightly dampen the cloth with water. Do not use chemical cleaners, solvents, or abrasive materials.
- **Cleaning the Reflection Film:** If you have applied the reflection film, clean it gently with a soft, lint-free cloth. Avoid scratching the surface.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or crimping the USB cable excessively, as this can damage the internal wires.

8. TROUBLESHOOTING

If you encounter issues with your iKiKin A2 HUD, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display/Device does not power on.	No power, loose connection, or faulty cable.	Check USB cable connection to both the HUD and the power source. Ensure the car's cigarette lighter or USB port is active. Try a different power source if available.
Inaccurate speed display.	GPS signal interference or need for calibration.	Ensure the device has a clear view of the sky for GPS signal. Enter settings to perform speed calibration (adjust the speed offset value until it matches your vehicle's speedometer).
Double image/Ghosting on windshield.	Windshield material causing reflection issues.	Apply the included reflection film to the windshield. This film is designed to eliminate double reflections.
Display is too dim or too bright.	Automatic brightness sensor issue or extreme ambient light.	Ensure the light sensor on the device is not obstructed. The device automatically adjusts brightness; manual adjustment is not typically available.
Cannot switch between KM/H and MPH.	Incorrect setting adjustment procedure.	Refer to Section 6.3 'Key Settings' for the correct procedure to change the speed unit. Ensure you save the setting after selection.

9. SPECIFICATIONS

Feature	Detail
Model	A2
Display Type	Head Up Display (HUD)
Screen Size	3.5 Inches
Dimensions (L x W x H)	14 x 8.8 x 5 cm
Item Weight	150 g
Material	Plastic, Glass, Metal
Power Input	USB (5V)
Positioning System	GPS + BEIDOU Dual-Mode

Feature	Detail
Compatibility	Universal for all cars, trucks, SUVs, motorcycles, etc.
Features	Speed display, Time, Direction, Satellite count, Over-speed alarm, Fatigue driving reminder, Auto-brightness.

10. WARRANTY AND SUPPORT

iKiKin products are designed for reliability and performance. For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your retailer.

If you encounter any issues or have questions regarding your iKiKin A2 HUD, our professional technical service team is available to assist you. Please contact us through the Amazon messaging system for prompt support.

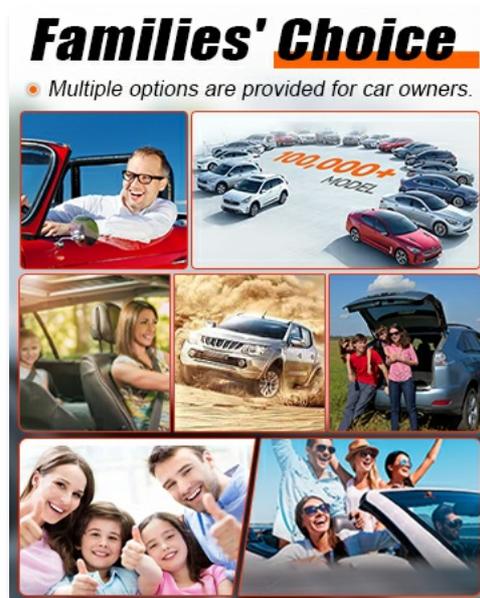


Image: A professional technical service team ready to provide assistance and support for product inquiries.