

MAIMEIMI B09DP1G3DT

MAIMEIMI GPS Speedometer 85mm (3-3/8") Instruction Manual

Model: B09DP1G3DT

Brand: MAIMEIMI

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MAIMEIMI 85mm GPS Speedometer. Designed for a wide range of applications including cars, tractors, trucks, boats, and marine vessels, this speedometer features a clear TFT screen, IP67 waterproof rating, and a wide 9-32VDC working voltage range. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PACKAGE CONTENTS

Upon opening your package, please verify that all the following items are included:

- 1 x GPS Speedometer (85mm / 3-3/8")
- 1 x GPS Antenna (3-meter cable length)
- 1 x Instruction Manual



Package Include:

- *1 x GPS Speedometer
- *1 x GPS Antenna (length 3 meter)
- *1 x Instruction manual

Image: Contents of the MAIMEIMI GPS Speedometer package.

3. PRODUCT FEATURES

- **TFT Screen Display:** Provides clear visibility of speed, odometer, trip meter, battery voltage, and course over ground (COG).
- **Wide Voltage Range:** Operates on 9-32VDC, suitable for various vehicle types.
- **Waterproof & Anti-fogging:** IP67 rated for water and fog resistance, ensuring reliable performance in challenging environments.
- **Multiple Unit Switching:** Easily switch between kilometers per hour (km/h), miles per hour (mph), and knots (rounded to one decimal).
- **GPS Signal Acquisition:** Initial signal acquisition takes approximately 30 seconds, with faster connections under clear skies.
- **Odometer & Trip Meter:** Odometer (0-999999km) is adjustable via the back button. Trip meter (0-999.9km) resets when power is off.
- **Orientation Pointer:** Displays Course Over Ground (COG) for directional awareness.



SOG: Speed Over Ground

TRIP: Return zero when
off electricity

ODO:odometer

Battery voltage:
9~32VDC

COG:Course Over Ground

Orientation Pointer



Image: Detailed display information of the GPS Speedometer.

IP67 Waterproof

After a strict waterproof test, can work normally in the water



Image: The speedometer undergoing a waterproof test.

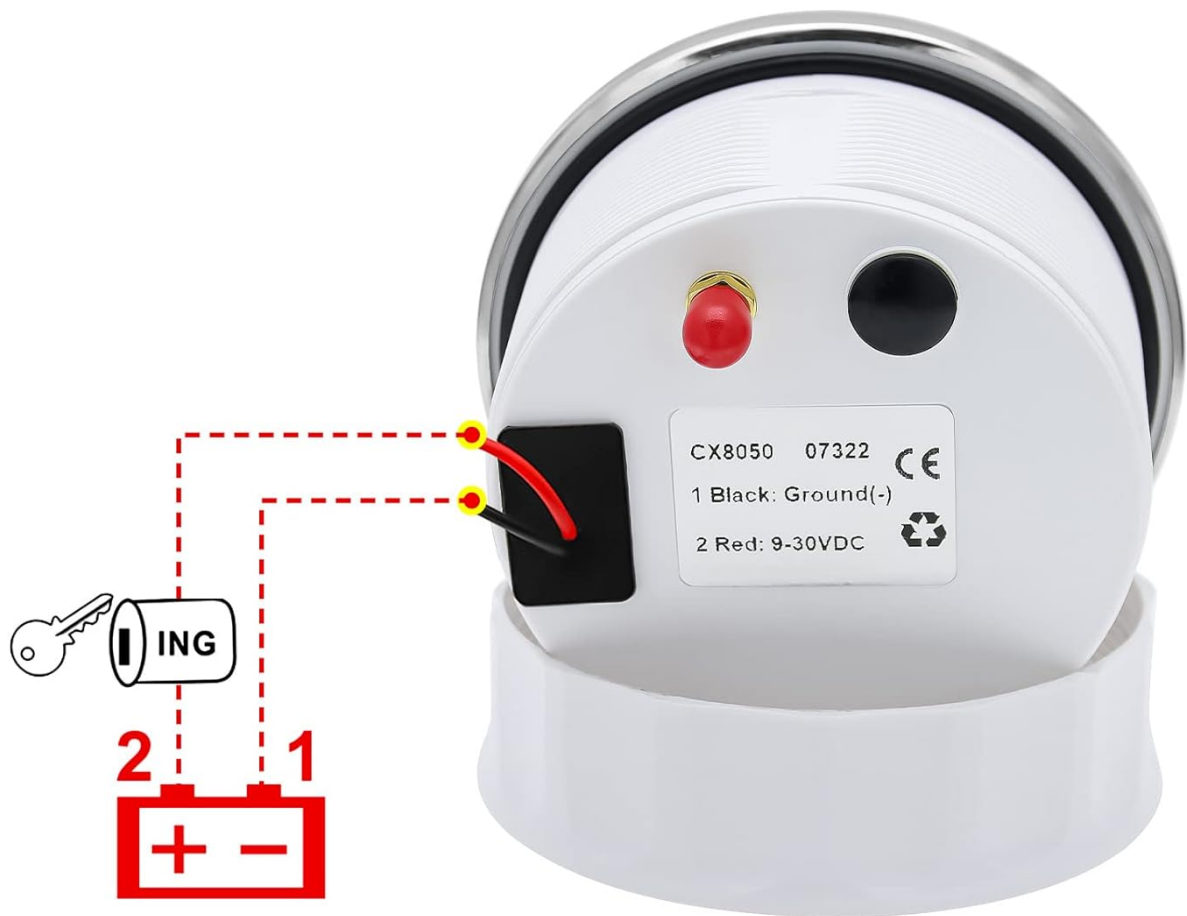
4. SETUP AND INSTALLATION

Follow these steps for proper installation of your GPS Speedometer:

1. **Prepare the Mounting Hole:** Open an 85mm (3 3/8") diameter hole in your panel. Ensure there is a 55mm (2 3/16") depth clearance behind the panel for the gauge body.
2. **Insert the Gauge:** Carefully place the speedometer into the prepared hole.
3. **Secure the Gauge:** Use the provided mounting ring to screw down and secure the gauge firmly in place.
4. **Connect Wiring:**
 - Connect the Black wire to Ground (-).
 - Connect the Red wire to 9-30VDC power supply.
5. **Connect GPS Antenna:** Plug the GPS antenna into the designated port on the back of the speedometer. The GPS antenna can be optionally mounted using 3M double-sided tape.



Image: Front and back dimensions of the GPS Speedometer.

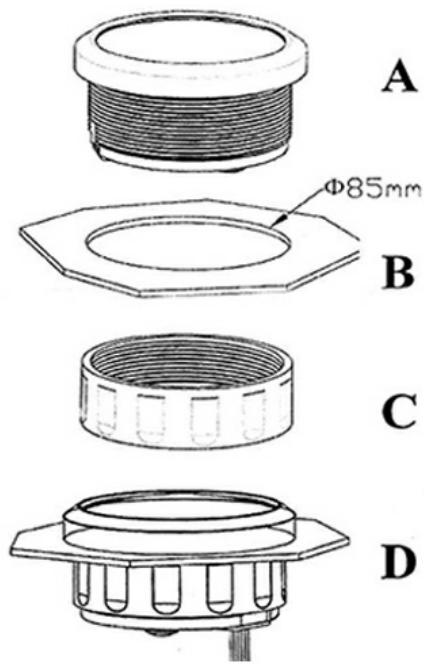


Connection

1 Black : Ground(-)

2 Red : 9-30VDc

Image: Basic wiring diagram for the speedometer.



Picture B: Before installation, firstly, to open a hole $\Phi 85\text{mm}$ (3 3/8") of the panel, make sure there is a space with (55mm backyard of panel) as well.

Picture D: Put the gauge in the hole and screw down.

Image: Step-by-step installation guide for the gauge.

5. OPERATING INSTRUCTIONS

Once installed and powered, the speedometer will begin searching for a GPS signal. After acquiring a signal, it will display speed and other data.

- **Unit Switching:** To change the speed unit (km/h, mph, or knots), press the button located on the back of the speedometer. The unit will cycle through the options and save automatically.
- **Odometer Adjustment:** The odometer value can be adjusted using the button on the back.
- **Trip Meter:** The trip meter automatically resets to zero when the power is turned off.

You can change the unit of the meter at will

Three unit:



Image: Display showing selectable speed units.

Your browser does not support the video tag.

Video: Demonstration of the 85mm GPS Speedometer, including unit switching and waterproof features.

6. MAINTENANCE

To ensure the longevity and optimal performance of your GPS Speedometer, follow these general maintenance guidelines:

- Regularly clean the screen and bezel with a soft, damp cloth. Avoid abrasive cleaners.
- Ensure all wiring connections remain secure and free from corrosion.
- Periodically check the GPS antenna for any damage or obstruction to maintain signal integrity.
- While the unit is IP67 waterproof, avoid prolonged submersion or high-pressure water jets.

7. TROUBLESHOOTING

If you encounter any issues with your GPS Speedometer, consider the following common solutions:

- **No GPS Signal:** Ensure the GPS antenna has a clear view of the sky. Obstructions can block the signal. Allow up to 30 seconds for initial signal acquisition.
- **Incorrect Speed Reading:** Verify that the correct unit (km/h, mph, knots) is selected. If the issue persists, ensure the GPS antenna is securely connected.
- **Display Not Working:** Check all power connections to ensure they are secure and receiving the correct voltage (9-32VDC).
- **Buttons Unresponsive:** Ensure the unit is clean and free from debris around the buttons.

If problems persist after attempting these steps, please contact customer support for further assistance.

8. SPECIFICATIONS

Specification	Detail
Product Dimensions	3.82 x 3.78 x 2.2 inches; 10.88 ounces
Working Voltage	9-32VDC
Waterproof Rating	IP67
Material	Stainless Steel, Plastic, Anti-Fogging Glass
Speed Range	0-600 km/h
Odometer Range	0-999999 km (adjustable)
Trip Meter Range	0-999.9 km (resets on power off)
Manufacturer	MAIMEIMI

9. 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 proof of purchase for any warranty claims.