

Device User Manual

1. Introduction

Welcome to MG-100, your reliable companion for seamless wireless vehicle diagnostics and monitoring. MG-100 connects your vehicle's OBD (On-Board Diagnostics) system with your mobile phone through Bluetooth, enabling access to real-time vehicle data through our dedicated mobile app.

This manual will guide you through the setup and operation of the MG-100 device to ensure a smooth and efficient experience.

2. Package Contents

- 1 x MG-100 Bluetooth Wireless Device
- 1 x User Manual

3. Device Overview

MG-100 is a compact Bluetooth device that plugs directly into the OBD-II port of your vehicle. It allows you to wirelessly monitor and diagnose your vehicle's performance via our dedicated mobile application.

4. Compatibility

The MG-100 device is compatible with the following:

- Volkswagen and Audi Specific vehicles ranging from model years 2002-2024
- Mobile phones running:
 - Android version 6.0 (Marshmallow) or later
 - iOS version 12.0 or later

5. Getting Started

Step 1: Download the Mobile App

1. Android Users:

- Open the Google Play Store.
- Search for "MG-100 V2".
- Download and install the app.

2. iOS Users:

- - Open the App Store.
- Search for "MG-100 V2".
- Download and install the app.

Step 2: Connect the MG-100 Device

1. Locate your vehicle's OBD-II port. It is typically found under the dashboard, near the driver's side foot well area for most vehicles.
2. Plug the MG-100 device into the OBD-II port.

Step 3: Establish Bluetooth Connection

1. Turn on your vehicle's ignition to allow a connection to the MG-100 device.
2. Open the MG-100 App on your mobile phone.
3. Ensure Bluetooth is enabled on your phone.
4. Follow the on-screen instructions in the app to pair your phone with the MG-100 device.
 - On Android and iOS: The app will scan for nearby devices. Select MG-100 from the list.
5. Once paired, the app will confirm the connection, and you can now access vehicle data.

6. Using the MG-100 App

The MG-100 app provides real-time insights into your vehicle's performance and diagnostics. Here are the basic functions:

- Dashboard: View live data such as speed, RPM, engine temperature, and more.
- Diagnostics: Run OBD-II diagnostics to identify vehicle issues and troubleshoot error codes.
- For some makes and models allow firmware updates for some onboard modules.

7. Troubleshooting

If you experience issues while connecting or using the device, try the following steps:

1. Device not powering on:
 - Ensure the vehicle ignition is switched on.
 - Verify that the device is properly inserted into the OBD-II port.
2. Bluetooth connection fails:
 - Confirm that Bluetooth is enabled on your mobile phone.
 - Unpair and reconnect the MG-100 device via Bluetooth settings.
 - Restart the app and try reconnecting.
3. No data from the vehicle:
 - Check that your vehicle supports OBD-II diagnostics (most vehicles after 1996).
 - Verify the app is up to date.
4. Verify that the device's firmware is up to date through the application.

8. Safety and Precautions

- Ensure the MG-100 device is securely plugged into the OBD-II port before driving.
- Do not attempt to remove or adjust the device while the vehicle is in motion.
- Use the MG-100 app responsibly and avoid distractions while driving.
- Never leave the MG-100 device plugged in without direct supervision. We always recommend removal when not in use to prevent any potential draw on the battery.

9. Warranty and Support

MG-100 comes with a 1-year limited warranty. For warranty claims or technical support, please contact us at admin@mg-100-obd.com or visit www.mg-100-obd.com.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm from your body.