Autel MaxiCOM MK808BT PRO

Autel MaxiCOM MK808BT PRO Diagnostic Tool User Manual

Comprehensive Guide for Setup, Operation, Maintenance, and Troubleshooting

Product Overview

The Autel MaxiCOM MK808BT PRO is a next-generation wireless diagnostic tool designed for comprehensive vehicle system analysis. It offers advanced functionalities surpassing previous wired models, providing enhanced mobility and efficiency for automotive diagnostics and maintenance.

- **Enhanced Bidirectional Control:** Features over 3000 active tests for precise component testing, allowing technicians to quickly verify actuator functionality.
- **Extensive Service Functions:** Includes 40+ common service resets such as Oil Reset, ABS AutoBleed, Injector Coding, SAS Calibration, BMS, and Throttle Relearn.
- **All Available Module Diagnostics:** Provides OE-level access to all vehicle systems (ABS, ECM, BCM, SRS, TCM, etc.) for reading/clearing DTCs, viewing live data, and performing active tests.
- **Wireless Connectivity:** Equipped with a BT VCI Mini for a convenient 33ft+ wireless working range, offering greater flexibility compared to wired scanners.
- **Battery Test Capability:** Supports professional cranking/charging system tests and in-vehicle/out-of-vehicle battery tests when paired with the Autel BT506 (sold separately).
- **Broad Vehicle Coverage:** Supports over 150 US, EU, and Asian vehicle makes from 1996 to 2025, with continuous updates.
- **Advanced Hardware:** Features Android 11.0, 4G RAM, 64G ROM, and dual-band Wi-Fi for faster performance and data transfer.



Figure 1: Autel MaxiCOM MK808BT PRO unit, VCI Mini, and carrying case.

What's in the Box

- MK808BT PRO Main Unit
- MaxiVCI Mini (Bluetooth Vehicle Communication Interface)
- Quick Guide
- 6.56FT (2m) Mini USB Cable (for testing)
- 2.95FT (90cm) Mini USB Cable (for charging)
- External Power Adapter (US-Plug)
- Rugged Black Plastic Carrying Case (19.35x12.20x4.72inch, 39x31x12cm)

Setup

1. **Unpacking:** Carefully unpack all components from the carrying case. Verify all items listed in the "What's in the Box"

section are present.

2. **Initial Charge:** Connect the MK808BT PRO main unit to the external power adapter using the 2.95FT Mini USB Cable. Allow the device to fully charge before first use. The charging indicator light will change when fully charged.
3. **Power On:** Press and hold the power button on the side of the unit to turn it on. The device will boot up to the MaxiCOM interface.
4. **VCI Connection:** Locate your vehicle's OBDII port (typically under the dashboard on the driver's side). Plug the MaxiVCI Mini into the OBDII port. The VCI will power on automatically.
5. **Bluetooth Pairing:** The MaxiCOM MK808BT PRO unit and MaxiVCI Mini are pre-paired from the factory. Upon powering on both devices, they should automatically establish a Bluetooth connection. A solid blue light on the VCI indicates a successful connection. If pairing fails, navigate to the VCI Manager on the tablet to manually pair.



Figure 2: Wireless connection setup between the MK808BT PRO and MaxiVCI Mini.

Operating

Diagnostic Functions

The MaxiCOM MK808BT PRO offers comprehensive diagnostic capabilities. Ensure the VCI is properly connected to the vehicle's OBDII port and paired with the tablet.

1. Auto Scan

The Auto Scan function automatically identifies the vehicle's VIN (for most post-2006 vehicles) and performs a full system scan to detect all available modules and retrieve diagnostic trouble codes (DTCs).

- From the main menu, select "Diagnostics".
- Choose "Auto Scan" or "Automatic Selection" to allow the tool to identify the vehicle.
- The system will scan all available modules and display a summary of detected faults.



Figure 3: Auto Scan feature for comprehensive system diagnostics.

Your browser does not support the video tag.

Video 1: "Why Autel Wireless Scanner?" - This video demonstrates the wireless capabilities and ease of use of the Autel scanner for vehicle diagnostics.

2. Manual Selection

If Auto Scan fails or you prefer manual input, you can select the vehicle details manually.

- From the "Diagnostics" menu, choose "Manual Selection".
- Follow the on-screen prompts to select the vehicle's region, make, model, year, and specific systems.

3. Live Data

View real-time data parameters from various vehicle sensors and modules. This is crucial for diagnosing intermittent issues or verifying repairs.

- After a system scan or manual selection, navigate to the "Live Data" option.
- Select the parameters you wish to monitor. Data can be displayed in text, graph, or gauge format.



Figure 4: Full graphic live data stream display for real-time parameter monitoring.

4. Trouble Codes (DTCs)

Read and clear diagnostic trouble codes (DTCs) from all accessible vehicle systems.

- After a scan, select the "Trouble Codes" option for a specific module or the overall scan report.
- Review the displayed DTCs and their descriptions.
- To clear codes, select "Clear DTCs" and follow the on-screen instructions. Ensure the underlying issue is resolved before clearing codes to prevent their immediate return.

Maintenance

Software Updates

Regular software updates are essential to ensure your MaxiCOM MK808BT PRO has the latest vehicle coverage, bug fixes, and new functionalities.

- Ensure the device is connected to a stable Wi-Fi network.
- From the main menu, select "Update".
- The system will check for available updates. Select the desired updates and follow the prompts to download and install them.

Battery Testing (with BT506)

If you have the optional Autel BT506 battery tester, you can perform comprehensive battery and electrical system tests.

- Ensure the BT506 is paired with your MK808BT PRO unit via Bluetooth.

- Connect the BT506 to the vehicle's battery terminals.
- From the main menu, select "Service" and then "Battery Test" (or similar option if available after BT506 connection).
- Follow the on-screen instructions to perform in-vehicle or out-of-vehicle battery tests, cranking tests, and charging system tests.

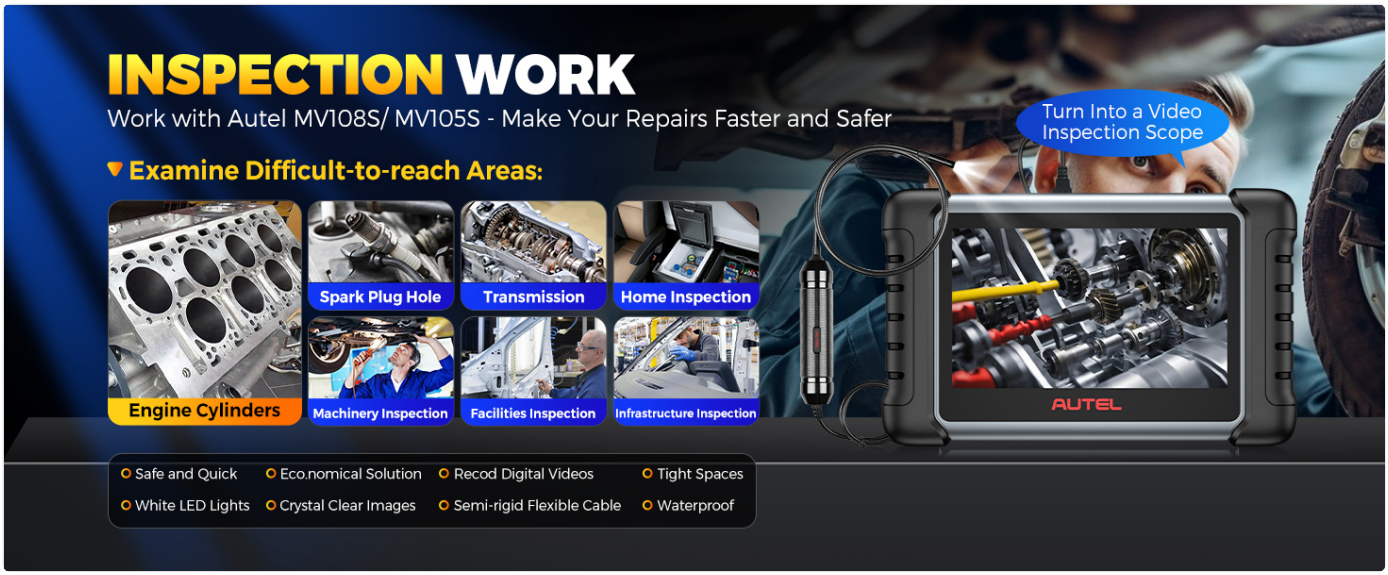


Figure 5: Performing battery and electrical system tests with the optional BT506.

Troubleshooting

This section provides solutions to common issues you might encounter with your Autel MaxiCOM MK808BT PRO.

Communication Errors

- **"No Communication" or "VCI Disconnected":**
  - Ensure the MaxiVCI Mini is securely plugged into the vehicle's OBDII port.
  - Verify the vehicle's ignition is ON (engine can be off).
  - Check Bluetooth pairing status in the VCI Manager. Re-pair if necessary.
  - Try connecting the VCI to the tablet directly using the Mini USB cable (if supported for your specific VCI model) as a wired connection.
  - Ensure the vehicle's battery has sufficient voltage (check the voltage display on the tablet).

Software/Performance Issues

- **Slow Performance or Freezing:**
  - Close unnecessary applications running in the background.
  - Clear cache and temporary files from the device settings.
  - Ensure the software is up-to-date. Perform updates if available.
  - Restart the MaxiCOM unit.
- **Update Failures:**
  - Verify a strong and stable Wi-Fi connection.
  - Ensure sufficient storage space on the device.
  - Try updating during off-peak hours to avoid server congestion.

Specifications

Feature	Specification
Brand	Autel
Model	MaxiCOM MK808BT PRO
Operating System	Android 11.0
Display Resolution	1024x600
Item Weight	1.74 pounds
Product Dimensions	9.4"L x 1.4"W x 5.9"H
Battery	1 Lithium Polymer battery (included)
Wireless Range	33FT (10M) with VCI Mini

Warranty and Support

Autel is committed to providing exceptional service and support for your MaxiCOM MK808BT PRO.

- **Manufacturer's Warranty:** The product comes with a 1-year manufacturer's warranty.
- **Software Updates:** New users receive 1-year of free software updates (valued at 150 USD). After the initial year, the tool remains fully functional, but optional renewal is available for continued access to newer vehicle coverage and features.
- **Technical Support:** Lifetime technical support is included. For any concerns or assistance, please reach out to AutelDirect support.

© 2025 Autel. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question