Autel MK808BT PRO

Autel MaxiCOM MK808BT PRO Instruction Manual

Model: MK808BT PRO

1. Introduction

The Autel MaxiCOM MK808BT PRO is a powerful and versatile diagnostic scan tool designed for comprehensive vehicle system analysis and maintenance. As an upgraded version of previous models, it offers advanced features including extensive bidirectional control, over 28 special reset functions, and OE-level all systems diagnostics. Equipped with Bluetooth 2.0 for wireless connectivity, a responsive Android 11.0 operating system, and ample storage, the MK808BT PRO provides a seamless and efficient diagnostic experience for automotive professionals and enthusiasts.

2. What's in the Box

Your Autel MaxiCOM MK808BT PRO package includes the following items:

- Autel MK808BT PRO Tablet
- Power Adapter & Kit
- MaxiVCI VCI Mini (Bluetooth Dongle)
- 1-Year Software Update Subscription
- Lifetime Technical Support
- User Manual
- USB Cables



Figure 2.1: Autel MaxiCOM MK808BT PRO Scan Tool and its included accessories within the protective carrying case.

3. Setup

3.1 Device Overview

The MK808BT PRO tablet features a 7-inch touchscreen display and is designed for rugged use. It includes various ports for connectivity and expansion:

- **OTG Port:** For connecting external devices.
- **SD Card Slot:** For expandable memory.
- **HDMI Port:** For connecting to external displays.
- **USB Port:** For data transfer and charging.
- **Power Button:** To turn the device on/off.

Figure 3.1: Rear view of the Autel MaxiCOM MK808BT PRO tablet showing its various ports and the VCI Mini docking area.

3.2 VCI Mini Connection

The Autel MaxiVCI VCI Mini is the vehicle communication interface that connects wirelessly to the MK808BT PRO tablet via Bluetooth. This allows for remote diagnostics up to 33 feet (10 meters) from the vehicle. The VCI Mini plugs directly into the vehicle's OBD2 port.



Figure 3.2: The wireless diagnostic capability of the MK808BT PRO using the VCI Mini, allowing for remote operation compared to wired models.

3.3 Powering On and Initial Configuration

To power on the device, press and hold the power button located on the side of the tablet. Upon first use or after a factory reset, you will be guided through an initial setup process. This includes selecting your preferred language, connecting to a Wi-Fi network, and performing initial software updates to ensure the device has the latest features and vehicle coverage.

4. Operating the Device

4.1 Main Interface

The main interface of the MK808BT PRO provides quick access to key functions:

- **Diagnostics:** For comprehensive vehicle system scanning.
- **Service:** Access to various maintenance and reset functions.
- **Shop Manager:** For managing customer and vehicle records.
- **Data Manager:** To review saved diagnostic reports and data.
- **Settings:** Device configuration and preferences.
- **Update:** For software and firmware updates.



Figure 4.1: The main menu of the Autel MaxiCOM MK808BT PRO, displaying icons for various functions.

4.2 OE-Level All Systems Diagnostics

The MK808BT PRO can access and scan all available electronic control modules (ECUs) in over 80 vehicle makes and models (American, European, and Asian). This includes reading and clearing diagnostic trouble codes (DTCs), viewing live data streams, retrieving ECU information, and performing full diagnostics on systems such as ABS, SRS, TPMS, Engine, Transmission, and more.



Figure 4.2: Overview of OE-Level All System Diagnostics, including reading codes, live data, and special functions.

4.2.1 Auto VIN Scan 2.0

The device features Auto VIN Scan 2.0 technology, which can automatically identify the vehicle's make, model, and year in seconds, significantly speeding up the diagnostic process. The Auto Scan function can also automatically scan all ECUs for fault codes with a single click.



Figure 4.3: Illustration of ABS Auto Bleeding and the efficiency of Auto VIN Scan 2.0.

4.3 Service Functions

The MK808BT PRO offers over 28 commonly used maintenance and reset functions, ensuring comprehensive service capabilities for a wide range of vehicles. These include:

- **Oil Reset:** Resets the oil life system after an oil change.
- **EPB Reset:** Resets the electronic parking brake after brake pad replacement.
- **TPMS Reset:** Resets tire pressure monitoring system sensors.
- **ABS Bleed:** Performs automated bleeding procedures for the anti-lock braking system.
- **Injector Coding:** Codes new injector numbers to the ECU.
- **SAS Reset:** Resets the steering angle sensor.
- **Battery Registration:** Registers new battery replacements.
- **Throttle Reset:** Relearns throttle body position.
- **And many more...**

4.3.1 Bi-directional Control (Active Tests)

The device supports over 3000 bidirectional controls, allowing it to send commands to vehicle ECUs to activate specific components or perform tests. This feature is crucial for quickly identifying faulty components, such as activating ABS pumps, rolling windows up/down, or testing fuel injectors.



Figure 4.4: Demonstrating the bi-directional control feature, allowing the user to send commands to vehicle components.

4.3.2 FCA AutoAuth & Renault SGW Access

The MK808BT PRO supports FCA AutoAuth for Fiat Chrysler Automobiles (FCA) vehicles manufactured after 2017, and Renault SGW Access, enabling secure diagnostics and special functions on these protected vehicles.

4.3.3 Battery Test with BT506

When paired with the Autel BT506 battery tester (sold separately), the MK808BT PRO can perform professional cranking and charging system tests, as well as in-vehicle and out-of-vehicle battery tests.

4.3.4 Digital Inspection with MV108S/MV105S

The device can be connected to Autel MV108S or MV105S inspection cameras (sold separately) to examine difficult-to-reach areas, providing visual inspection capabilities for hidden components.

4.4 Vehicle Coverage

Autel maintains extensive global vehicle coverage, supporting over 150 car brands and 15,000+ vehicle models up to 2025. This includes mainstream American, European, and Asian car series, with frequent software updates to ensure compatibility with newer models.



Figure 4.5: Global vehicle coverage map for Autel diagnostic tools, highlighting extensive support across continents.

4.5 Autel Cloud Report Management

The 2025 model introduces Autel Cloud Management, which centralizes data and improves work efficiency. This feature allows users to upload diagnostic reports to the Autel Cloud for secure storage and easy sharing with customers via QR code, email, or text message.

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5. Maintenance

5.1 Software Updates

To ensure optimal performance and access to the latest features and vehicle coverage, regularly update the MK808BT PRO's software. Connect the device to a stable Wi-Fi network and navigate to the 'Update' icon on the main interface. Ensure the system is updated to

V2.62 or above for all new functionalities.

5.2 Battery Care

The device is powered by a 5000mAh Lithium Polymer battery. To prolong battery life, avoid extreme temperatures and fully charge the device before long periods of inactivity.

6. Troubleshooting

For common issues such as connectivity problems, software glitches, or unexpected behavior, refer to the detailed troubleshooting section in the User Manual (PDF) provided with your device. Ensure the VCI Mini is properly connected to the vehicle's OBD2 port and that the tablet's Bluetooth and Wi-Fi connections are stable.

7. Specifications

Feature	Specification
Model	MK808BT PRO
Operating System	Android 11.0
Display	7-inch 1024 x 600 Touchscreen
Battery	5000mAh Lithium Polymer
CPU	Rockchip RK3566
RAM/ROM	4GB RAM / 64GB ROM
WiFi	Dual WiFi (2.4 & 5GHz)
Wireless Tech	Bluetooth (33FT/10M range)
Product Dimensions	9.4 x 5.9 x 1.4 inches
Item Weight	0.01 ounces
Country of Origin	China

8. Warranty and Support

The Autel MaxiCOM MK808BT PRO comes with a 1-year warranty and lifetime technical support from Autel. For detailed information, please refer to the official User Manual.

User Manual (PDF): Download Here

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

Answered questions about this manual

How do I perform a key relearn on a GM vehicle using the Autel MaxiCOM MK808BT PRO?

To perform a key relearn or immobilizer-related service on a GM vehicle with the Autel MaxiCOM MK808BT PRO, follow these steps:Connect the Device: Plug the MaxiVCI Mini into the vehicle's OBD2 port and ensure...

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