Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Autel Autel KM100E

Autel MaxiIM K-M100E Tool User Manual

Model: Autel KM100E | Brand: Autel

1. Product Overview

The Autel MaxiIM K-M100E is an advanced automotive diagnostic and key programming tool designed for efficient vehicle data matching and system configuration. It integrates key programming functionalities with comprehensive diagnostic features, offering a versatile solution for automotive professionals.



Figure 1: Autel MaxiIM K-M100E Tool with VCI200 and carrying case.

Key Features:

- **50% Faster Data Matching:** Completes secure vehicle data matching within 60 seconds, compatible with over 700 car models globally.
- **10+ Specialized Functions:** Includes vehicle system data parsing, remote system wake-up, smart configuration sync (for Toyota models), universal signal detection, button response testing, and ignition module checks.
- **Built-in APB112:** The APB112 functionality is integrated, allowing data gathering from ignition modules and detection of potential signal issues. Supports secure system information reading for specific chip types in Toyota models.
- **Smart Signal Compatibility:** Enables advanced signal processing for vehicle identification modules, allowing checks of signal types, frequency information, and on-screen results in text and chart form. Supports ID63/ID83 and other industry-standard signal formats.
- **AutoVIN & License Scan:** One-click VIN reading via plate/barcode for faster diagnostics and vehicle data retrieval.
- **Superior Hardware:** Features an Android 9.0 tablet with a Rockchip PX30 processor, 5.5” 1280x720 touchscreen,

64 GB memory, 4950mAh battery, 8MP camera, USB 2.0 Type-C, Bluetooth 5.0 VCI, and built-in WiFi.

- **Wide Vehicle Coverage:** Compatible with over 700 car models globally, including major brands like Acura, Audi, BMW, Chrysler, Ford, GM, Honda, Jeep, Land Rover, Mitsubishi, Nissan, Toyota, and VW.

2. Setup and Initial Use

2.1 Unpacking and Inspection

Carefully unpack all components from the carrying case. Verify that all items listed in the packing list are present and undamaged. The package typically includes the Main Unit, MaxiVCI V200, Power Adapter, Type-C USB Cable, Custom Mini USB Cable, USB-C to USB-C Cable, Quick Reference Guide, and the Carrying Case.



Figure 2: Included components of the Autel MaxiIM K-M100E kit.

2.2 Charging the Device

Connect the provided power adapter to the USB Type-C port on the MaxiIM K-M100E tool. Allow the device to fully

charge before first use. The battery indicator on the screen will show charging status.

2.3 Powering On and Initial Configuration

Press and hold the power button to turn on the device. Follow the on-screen prompts to select your language, time zone, and connect to a Wi-Fi network. A stable internet connection is required for software updates and certain online functions.

2.4 Software Updates

It is crucial to update the software to the latest version upon initial setup to ensure optimal performance and access to the most current vehicle coverage and functions. Navigate to the "Update" icon on the main screen and follow the instructions to download and install available updates. The device offers free lifetime software updates.

3. Operating Instructions

The Autel MaxiIM K-M100E features an intuitive Android-based interface. The main screen provides access to various functions and applications.



Figure 3: Main interface of the Autel K-M100E showing key functions.

3.1 Universal Key Generation

This function allows for the generation of universal keys. Select "Universal Key" from the main menu. The device guides you through the process, which is designed to be 50% faster than traditional methods, completing within 60 seconds for compatible vehicles.



Figure 4: Illustration of the 60-second universal key generation process.

3.2 Reading/Cloning Transponders

To read or clone a transponder, select "Reading/Cloning" from the main menu. Place the transponder in the key slot of the device as illustrated on the screen. Press "Read" to retrieve transponder information. Once read, the transponder can be cloned or edited as needed.



Figure 5: Transponder generation and simulation capabilities, including ID63 & ID83 conversion.

3.3 Frequency Detection

The "Frequency Detection" function allows you to check the frequency of remote keys. Select this option and hold the key near the device. The tool will display the frequency information in both text and graphical formats, useful for verifying key functionality.



Figure 6: Frequency detection results displayed on the device screen.

3.4 AutoVIN and License Scan

Utilize the AutoVIN feature for quick vehicle identification. This allows the tool to automatically read the vehicle's VIN via plate or barcode scan, streamlining the process of accessing basic diagnostic modules and retrieving vehicle health data.

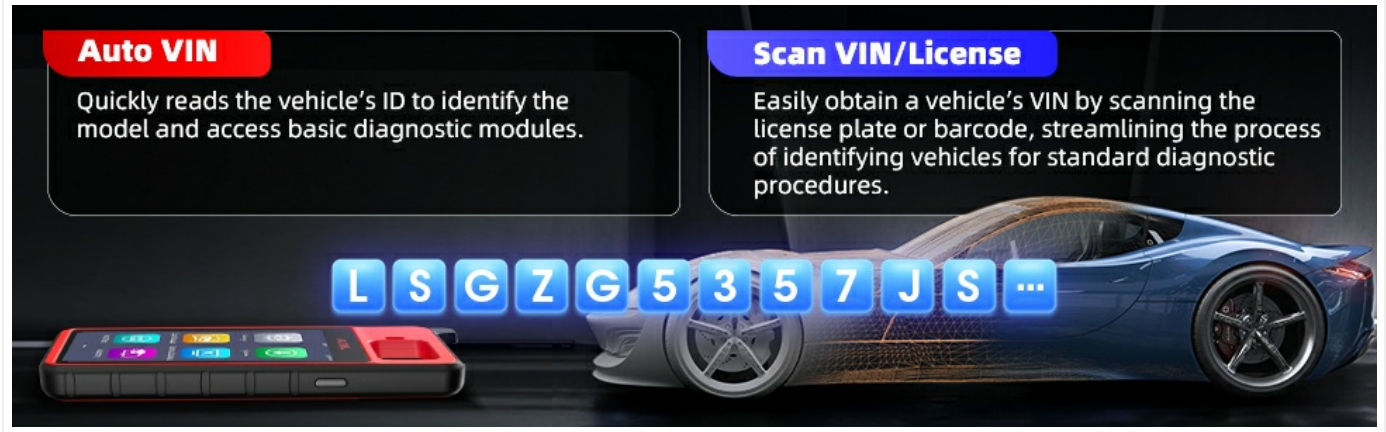


Figure 7: AutoVIN and License Scan functionality for rapid vehicle identification.

3.5 Specialized Functions

The MaxiIM K-M100E offers over 10 specialized functions accessible through the main menu. These include:

- EMO Data Processing
- Key Unlocking (for used smart keys)
- Toyota Smart Unlocking
- Universal Key Information Detection
- Button Adjustment
- Ignition Coil Detection
- Mazda ID49 Smart Key Warning Lamp Clearing
- Nissan/Infinity ID46 Smart Key DTC Clearing
- Remote System Wake-up
- Smart Configuration Sync (for Toyota models)



Figure 8: Overview of the 10+ specialized functions available on the device.

4. Maintenance

4.1 Software Updates

Regularly check for and install software updates to ensure your device has the latest features, vehicle coverage, and bug fixes. Updates are free for the lifetime of the product. Connect the device to a stable Wi-Fi network and navigate to the "Update" section.

4.2 Cleaning and Storage

Clean the device with a soft, damp cloth. Avoid using abrasive cleaners or solvents. Store the MaxiIM K-M100E in its original carrying case in a cool, dry place when not in use to protect it from dust and physical damage.

4.3 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in active use,

to maintain battery health. The device uses a 4950mAh Lithium Polymer battery.

5. Troubleshooting

This section addresses common issues you might encounter with your Autel MaxiIM K-M100E tool.

5.1 Device Not Powering On

- Ensure the device is fully charged. Connect it to the power adapter and allow it to charge for at least 30 minutes before attempting to power on again.
- Verify the power adapter and USB cable are securely connected and functioning correctly.

5.2 Connection Issues (VCI or Wi-Fi)

- **VCI Connection:** Ensure the MaxiVCI V200 is properly plugged into the vehicle's OBD-II port and that Bluetooth is enabled on the K-M100E. Try restarting both the device and the VCI.
- **Wi-Fi Connection:** Check your Wi-Fi network settings. Ensure the device is within range of the Wi-Fi signal. Try forgetting the network and reconnecting.

5.3 Key Programming Failures

- **Compatibility:** Verify that the vehicle model and year are supported for the specific key programming function you are attempting. Contact Autel support if unsure (autelcare@outlook.com).
- **Security Code/PIN:** Ensure you have the correct security code or PIN for the vehicle, if required.
- **Transponder Placement:** For reading/cloning, ensure the transponder is correctly placed in the device's key slot.
- **Software Version:** Ensure the device software is up-to-date. Outdated software can lead to compatibility issues.
- **ECU/IMMO Lockout:** In rare cases, incorrect procedures or unsupported operations can lead to ECU or IMMO system lockout. If this occurs, immediately cease operation and contact professional automotive locksmiths or Autel technical support. Do not attempt further operations that could damage vehicle components.

5.4 Device Freezing or Unresponsive

- Perform a soft reset by holding the power button until the device shuts down, then restart it.
- If the issue persists, ensure there is sufficient storage space. Clear cache or unnecessary data if needed.

6. Specifications

Feature	Specification
Model	Autel KM100E
Operating System	Android 9.0
Processor	Rockchip PX30
Display	5.5-inch LCD with 1280x720 resolution
Memory	64 GB
Battery	4950mAh Lithium Polymer
Camera	8MP Rear
Connectivity	USB 2.0 Type-C, Bluetooth 5.0 VCI, Wi-Fi

Feature	Specification
Item Weight	3.72 pounds
Product Dimensions	13 x 11 x 5 inches
UPC	850052860646

7. Warranty and Support

7.1 Warranty Information

The Autel MaxiIM K-M100E comes with a 12-month warranty. Please retain your proof of purchase for warranty claims.

7.2 Technical Support

For technical assistance, compatibility inquiries, or any questions regarding the product's advanced diagnostic features, please contact Autel support at autelcare@outlook.com. Lifetime technical support is provided, including on weekends and holidays.
A 60-day return or replacement policy is also offered for a worry-free experience.

© 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

Open the live page

https://manuals.plus/asin/B0B82D66WY

More documents and user manuals: **https://manuals.plus/**