Autel MaxiIM KM100(X)

Autel MaxiIM KM100(X) Diagnostic Scan Tool User Manual

Model: MaxiIM KM100(X)

1. Introduction

The Autel MaxiIM KM100(X) is a professional car diagnostic scan tool designed for automotive key programming and comprehensive vehicle diagnostics. It features advanced hardware, a user-friendly interface, and extensive vehicle compatibility, making it suitable for both professional technicians and home mechanics. This manual provides detailed instructions for the safe and effective use of your device.

2. Safety Information

Always observe the following safety precautions when operating the MaxiIM KM100(X) to prevent personal injury or damage to the device or vehicle.

- Perform automotive testing in a safe environment.
- Wear safety eye protection that meets ANSI standards.
- Keep clothing, hair, hands, tools, test equipment, etc., away from all moving or hot engine parts.
- Operate the vehicle in a well-ventilated work area; exhaust gases are poisonous.
- Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.
- Keep a fire extinguisher suitable for gasoline/chemical/electrical fires nearby.
- Do not connect or disconnect test equipment while the ignition is on or the engine is running.

3. Product Overview

The Autel MaxiIM KM100(X) consists of a main tablet unit and a V200 Vehicle Communication Interface (VCI). The tablet features a 5.5-inch touchscreen display and runs on Android 9.0, providing a robust platform for diagnostic and key programming functions.

3.1 Main Unit and VCI



Image: The Autel MaxiIM KM100(X) main tablet unit and the V200 VCI module.

The main unit is a portable tablet with a 5.5-inch display, designed for user interaction and data display. The VCI module connects wirelessly to the main unit via Bluetooth and interfaces with the vehicle's OBD-II port to perform diagnostic and programming tasks.

3.2 Hardware Features

- **Operating System:** Android 9.0
- **Processor:** Rockchip PX30 CPU
- **Memory:** 2GB RAM + 64GB Storage
- **Display:** 5.5-inch LCD with 1280x720 resolution
- **Camera:** 8 Megapixel Rear Camera
- **Connectivity:** Wi-Fi, Bluetooth 5.0
- **Battery:** 4950mAh Lithium Polymer



Image: Visual representation of the KM100(X)'s premium hardware specifications including screen size, OS, processor, memory, camera, and battery.

4. Setup

4.1 Initial Device Activation

1. Power on the MaxiIM KM100(X) tablet by pressing and holding the power button.
2. Follow the on-screen prompts to select your preferred language and region.
3. Connect the device to a Wi-Fi network for software updates and online functions.
4. Register your device with an Autel ID. If you do not have one, create a new account.

4.2 Connecting the VCI Module

1. Locate the vehicle's OBD-II port, typically under the dashboard on the driver's side.
2. Plug the V200 VCI module into the vehicle's OBD-II port. The VCI's indicator lights will illuminate.
3. On the MaxiIM KM100(X) tablet, navigate to the VCI connection menu (usually found in "Settings" or "MaxiTools").
4. Select "Bluetooth" and choose your VCI from the list of available devices. The VCI's serial number will be displayed.
5. Once connected, the VCI status indicator on the tablet will show a stable connection.

4.3 Language Settings

The device supports multiple languages including English, Spanish, and Portuguese. To change the language, send the 12-digit serial number (SN) located on the back of your device to Autel support at autelsupply@outlook.com. They will assist you in switching to your preferred language.

5. Operating Instructions

5.1 Vehicle Identification (VIN Scan)

The MaxiIM KM100(X) offers several methods for quick vehicle identification:

- **Auto VIN Scan:** Automatically detects the vehicle's VIN (for vehicles manufactured in 2006 and later).
- **Scan VIN:** Use the 8MP camera to scan the VIN barcode.
- **Scan License:** Use the 8MP camera to scan the vehicle's license plate for VIN retrieval.
- **Manual Input:** Manually enter the VIN.

- **Manual Selection:** Manually select vehicle make, model, and year.



Image: Illustration of the four methods to obtain vehicle identification number (VIN): Auto VIN, Scan VIN, Scan License, and Manual Input.

5.2 Key Programming Functions

The KM100(X) is primarily designed for key programming. After identifying the vehicle, navigate to the "Immo" or "Key Programming" section. Follow the on-screen instructions to perform functions such as:

- Key Generation
- Key Learning
- Remote Control Learning
- IMMO Data Backup/Restore

Note: Vehicle compatibility for key programming functions varies. For Ford vehicles, functions have been significantly limited since August 25, 2025. It does not support certain models from Mercedes-Benz, Porsche, Renault, GM, Toyota, Lexus. Always verify compatibility by sending your VIN to Autel support.

5.3 Diagnostic Functions

Beyond key programming, the KM100(X) offers basic diagnostic capabilities. Access these through the "Diagnostics" or "OBD" menu. Functions may include:

- Reading and Clearing Diagnostic Trouble Codes (DTCs)
- Viewing Live Data Stream
- I/M Readiness Status
- O2 Monitor Test



Image: Overview of the extensive car coverage for the Autel MaxiIM KM100(X), including various American and Asian vehicle brands.

6. Maintenance

6.1 Software Updates

The MaxiIM KM100(X) includes lifetime free software updates. Regular updates ensure your device has the latest vehicle coverage, diagnostic functions, and performance enhancements.

1. Ensure the device is connected to a stable Wi-Fi network.
2. From the main menu, tap the "Update" icon.
3. The system will check for available updates. Download and install all recommended updates.
4. Allow the device to restart if prompted after an update.



Image: A graphic illustrating the benefit of lifetime free updates, ensuring the latest software version, widest vehicle coverage, and advanced features. *Note: This image is also used in the Product Overview section to illustrate hardware features.*

6.2 Battery Care

- Charge the device fully before first use.
- Avoid completely discharging the battery frequently.
- Store the device in a cool, dry place when not in use for extended periods.

7. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Connect the device to the charger and allow it to charge for at least 30 minutes before attempting to power on.
VCI not connecting to tablet.	Bluetooth not enabled or VCI not properly plugged into OBD-II port.	Ensure VCI is securely connected to the vehicle's OBD-II port and Bluetooth is enabled on the tablet. Re-pair the VCI if necessary.
Software functions not working or device is slow.	Outdated software or insufficient memory.	Perform a software update. Close unnecessary applications. If issues persist, consider a factory data reset (see section 7.1).
Vehicle compatibility issues.	Specific vehicle models may have limited support.	Contact Autel support with your vehicle's VIN and the device's serial number to check compatibility.

7.1 Log Collection and Factory Reset

For advanced troubleshooting or when instructed by support, you may need to collect system logs or perform a factory data reset.



Image: The Log Collection interface on the KM100(X) tablet, showing options for single or looped log collection.

- **Log Collection:** Access this feature from the main menu (often under "MaxiTools" or "System Tools") to record system activity for diagnostic purposes.
- **Factory Data Reset:** This option will erase all data and settings on the device, restoring it to its original factory state. Use with caution and only after backing up important data. This option is typically found in "Settings" or "System Tools".

8. Specifications

Feature	Detail
Model	MaxiIM KM100(X)
Operating System	Android 9.0
Processor	Rockchip PX30 CPU
Memory	2GB RAM, 64GB Storage
Display	5.5 Inches, 1280x720 resolution
Camera	8 Megapixel Rear Camera
Connectivity	Wi-Fi, Bluetooth 5.0
Battery	4950mAh Lithium Polymer (included)
Item Weight	3.76 pounds
Package Dimensions	13.11 x 10.24 x 4.09 inches
Power Source	Battery Powered
Automotive Fit Type	Vehicle Specific Fit

9. Warranty and Support

9.1 Warranty Information

The Autel MaxiIM KM100(X) comes with a **1-Year Warranty**. Additionally, a **30-Day Full Refund or New Replacement** policy is offered. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any issues, compatibility checks, language changes, or technical assistance, please contact Autel support:

- **Email:** autelsupply@outlook.com
- When contacting support, please provide your device's 12-digit Serial Number (SN) and your order ID.



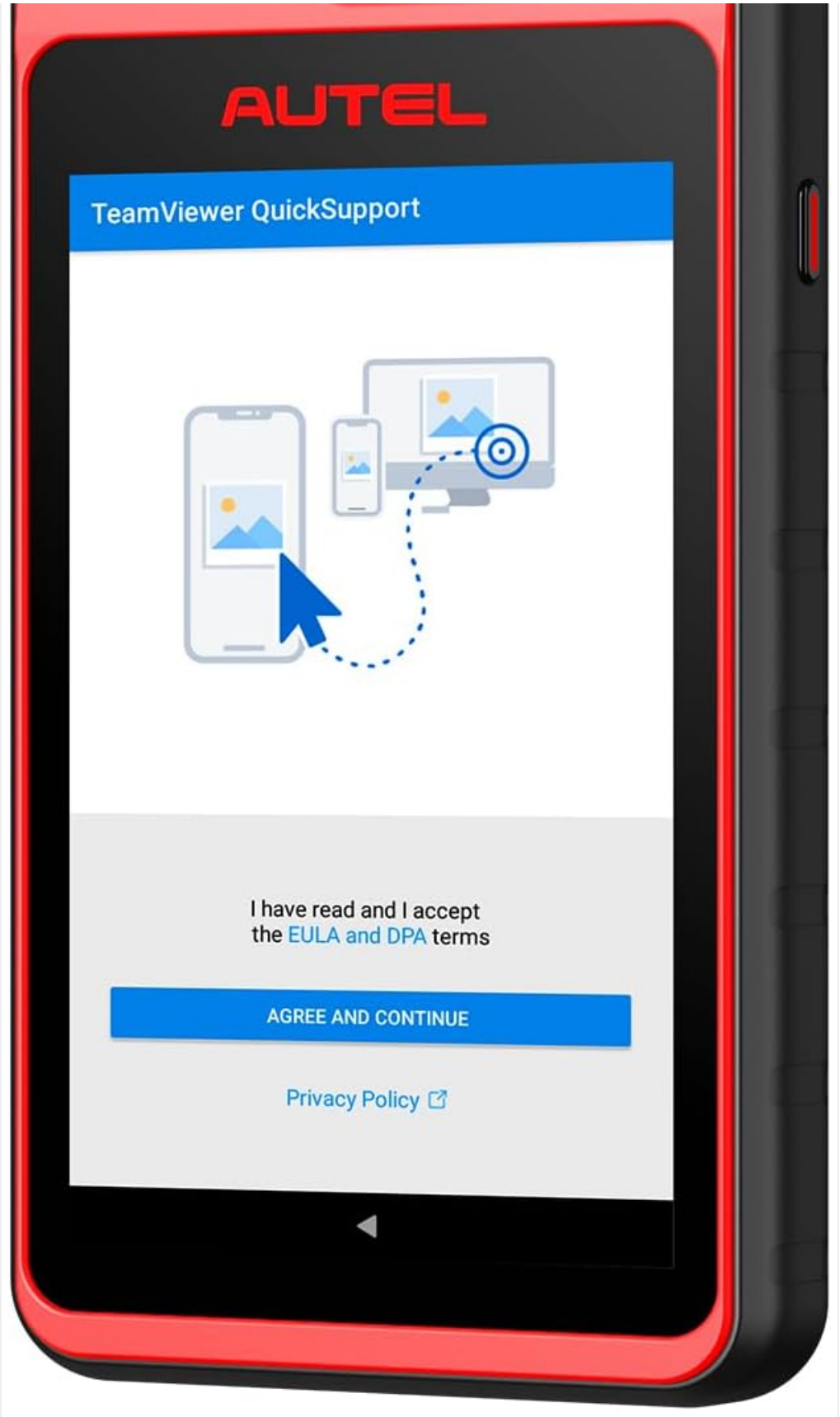


Image: The TeamViewer QuickSupport application interface on the KM100(X), indicating remote assistance capabilities.

The device may include a TeamViewer QuickSupport application for remote assistance, allowing support technicians to diagnose and resolve issues directly on your device.

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