

XTOOL KC100

XTOOL KC100 Key Programmer User Manual

Model: KC100

INTRODUCTION

The XTOOL KC100 is a specialized key programming accessory designed to expand the capabilities of compatible XTOOL diagnostic tablets. This device facilitates advanced key matching and programming functions for various vehicle makes and models, enhancing the utility of your diagnostic tool.

This manual provides essential information regarding the setup, operation, maintenance, and troubleshooting of your XTOOL KC100. Please read it thoroughly before use to ensure proper and safe operation.

PRODUCT OVERVIEW



Figure 1: XTOOL KC100 Key Programmer. This image displays the compact black device with the XTOOL logo, power/busy indicator, and a "Transmitter Measure Area" for key programming.

The KC100 unit is a compact device that connects to your XTOOL diagnostic tablet. It features indicator lights for power and activity, and a designated area for key measurement and programming. Its primary function is to enable advanced key-related operations that are not natively supported by the diagnostic tablet alone.

SETUP INSTRUCTIONS

1. Compatibility Check

Ensure your XTOOL diagnostic tablet is compatible with the KC100. The KC100 is designed to work with the following XTOOL models:

- XTOOL X100PAD3
- XTOOL D7S/D7W
- XTOOL D8/D8S
- XTOOL D8BT/D8W
- XTOOL D9/D9S
- XTOOL D9 Pro/D9S PRO
- XTOOL InPlus IP616
- XTOOL IP819
- XTOOL IK618

2. Connecting the KC100

1. Power off your XTOOL diagnostic tablet.
2. Connect the KC100 to the diagnostic tablet using the provided USB cable. Ensure the connection is secure.
3. Power on your XTOOL diagnostic tablet. The tablet should automatically detect the connected KC100.
4. Verify the KC100's power indicator light is on, indicating it is receiving power.

3. Software Update (If Necessary)

Before first use, it is recommended to check for and install any available software updates for your XTOOL diagnostic tablet and the KC100 firmware. This ensures optimal performance and access to the latest vehicle coverage and functions. Refer to your diagnostic tablet's manual for specific update procedures.

OPERATING INSTRUCTIONS

The XTOOL KC100 extends the key programming capabilities of your compatible XTOOL diagnostic tablet. The specific steps for key programming will vary depending on the vehicle make, model, and the type of key operation being performed. Always follow the on-screen instructions provided by your XTOOL diagnostic tablet.

Key Programming Functions

- **VW/Audi/Skoda Key Matching:** Supports 4th and 5th generation immobilizer systems.
- **BMW CAS1-CAS4 Key Programming:** Facilitates key programming for BMW vehicles equipped with CAS1 through CAS4 immobilizer systems.
- **Land Rover Smart Key Programming:** Supports smart key programming for 2015-2018 Land Rover models.
- **Fiat Key Programming:** Compatible with Fiat 500, Palio, and other models for key programming.
- **Toyota/Lexus/Scion ALL-KEY-LOST (AKL) Function:** When used with the KS-1 Simulation Card (not included), the KC100 supports AKL functions for Toyota, Lexus, and Scion vehicles, including 94, 98, 88, A8, A9, and 39 simulation key generation.

General Operation Steps (Illustrative)

1. Connect the KC100 to your XTOOL diagnostic tablet and ensure both devices are powered on.
2. Connect your XTOOL diagnostic tablet to the vehicle's OBD-II port.
3. On the diagnostic tablet, navigate to the "Immobilizer" or "Key Programming" function.
4. Select the vehicle make, model, and year.
5. Choose the desired key programming function (e.g., "Add Key," "All Keys Lost," "Read Immobilizer Data").
6. Follow the detailed on-screen prompts provided by the diagnostic tablet. These prompts will guide you through steps such as inserting keys, turning the ignition, and placing keys on the KC100's "Transmitter Measure Area" when required.
7. Observe the KC100's busy indicator light, which will illuminate during data transmission or key programming operations.
8. Once the process is complete, test the new key(s) to ensure full functionality.

Important: Always ensure the vehicle battery is adequately charged before performing key programming procedures to prevent interruptions that could lead to data corruption or immobilizer issues.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the KC100. Avoid using abrasive cleaners or solvents.

- **Storage:** Store the KC100 in a dry, cool environment, away from direct sunlight and extreme temperatures.
- **Cable Care:** Inspect the USB cable regularly for any signs of damage. Replace damaged cables immediately to prevent malfunction or electrical hazards.
- **Software Updates:** Regularly check for and install software updates for your XTOOL diagnostic tablet and KC100 firmware to ensure optimal performance and access to the latest features and vehicle coverage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
KC100 not recognized by diagnostic tablet.	Loose connection, faulty cable, software issue.	Ensure USB cable is securely connected. Try a different USB port or cable. Restart both the KC100 and the diagnostic tablet. Check for software updates for the diagnostic tablet.
Key programming fails or is incomplete.	Incorrect procedure, low vehicle battery, incompatible key, software glitch.	Review the on-screen instructions carefully. Ensure the vehicle battery is fully charged. Verify the key is compatible with the vehicle. Update diagnostic tablet software. Contact XTOOL technical support if issues persist.
Device appears broken or used upon arrival.	Shipping damage or returned item.	Contact XTOOL customer support immediately for assistance and potential replacement.

If you encounter issues not covered here, please refer to the support section or contact XTOOL technical support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	XTOOL
Model	KC100
Item Weight	9.1 ounces
Package Dimensions	6.73 x 3.98 x 1.97 inches
Power Source	Corded Electric
UPC	789605297489
Date First Available	November 10, 2021

WARRANTY AND SUPPORT

Software Upgrades

XTOOL provides software upgrades for its devices. For devices with screens 7 inches and above, three years of free

upgrades are typically supported. For devices below 7 inches, lifetime free upgrades are generally provided. Topology maps functionality remains active regardless of upgrade status.

Technical Support

For technical assistance, troubleshooting, or inquiries regarding product compatibility and functionality, please contact XTOOL's official customer support. You can typically find contact information on the product detail page or the official XTOOL website. XTOOL offers technical consultation, training, and remote assistance.

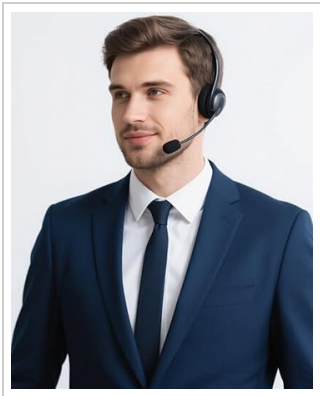




Figure 2: XTOOL Customer Support. A representative is shown, symbolizing the availability of technical assistance.




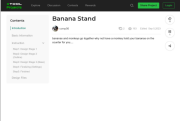
For further information, you may visit the [XTOOL Official Store on Amazon](#).



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Related Documents - KC100

	<p>How to Update Firmware for XTOOL Diagnostic Tools</p> <p>Step-by-step guide on how to update the firmware for XTOOL automotive diagnostic tools, ensuring optimal performance and access to the latest features.</p>
	<p>XTOOL D7S Smart Diagnostic System User Manual</p> <p>User manual for the XTOOL D7S Smart Diagnostic System, an advanced OBD-II scanner based on Android, offering comprehensive vehicle diagnostic functions and multi-language support.</p>

	<p>XTOOL 2015+ Ford Proximity All Key Lost Alarm Bypass Cable</p> <p>This document details the XTOOL 2015+ Ford Proximity All Key Lost Alarm Bypass Cable, designed for performing all key lost procedures on Ford and Lincoln vehicles. It outlines the functions, connection steps, supported models, compatible XTOOL devices, and a detailed operation process for reading EEPROM data.</p>
	<p>XTOOL D9S Pro User Manual: Advanced Smart Diagnostic System</p> <p>Comprehensive user manual for the XTOOL D9S Pro Smart Diagnostic System. Covers setup, operation, diagnostic functions, special functions (ABS, EPB, TPMS, etc.), ECU coding/programming, and support.</p>
	<p>XTOOL D7W Smart Diagnostic System User Manual</p> <p>Comprehensive user manual for the XTOOL D7W Smart Diagnostic System, detailing its features, operation, diagnostic functions, special maintenance functions, reporting, updates, warranty, and remote assistance.</p>
	<p>DIY Banana Stand Project Guide with XTool D1 Pro</p> <p>Step-by-step guide to creating a unique banana stand featuring a monkey design using the XTool D1 Pro laser engraver. Includes design stages, material information, and laser settings for wood and acrylic.</p>