Lonsdor K518 Pro Key Programmer and LKE Smart Key Emulator User Manual

K518 PRO Key Programmer
User Manual
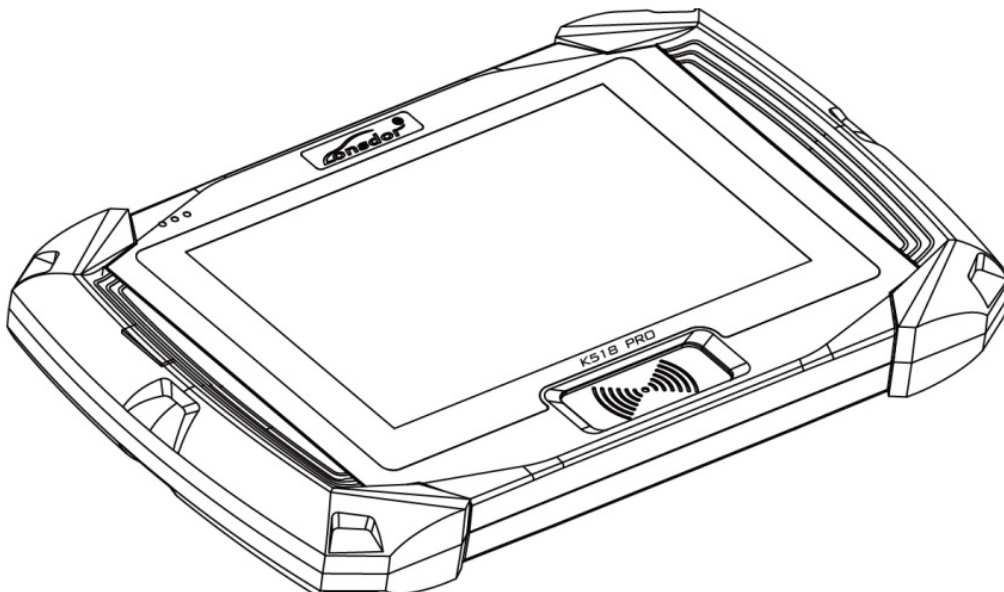
★**Please read it carefully before operation, keep it well for further reference.**

Contents

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Disclaimer

K518 PRO key programmer and related info, which should be used only for normal vehicle maintenance, diagnosis, and testing, please do not use it for illegal purposes. Lonsdor shall not assume any incidental or consequential damages or any economic damages arising from the accidents of individual users and the 3rd parties, as well as legal responsibilities, due to their misuse, unauthorized change or repair of the device, or abuse to violate laws and regulations. The product has a certain degree of reliability but does not rule out the possible loss and damage. The risk arises from the user at their own risk. Lonsdor does not assume any risks and responsibilities.

SAFETY INSTRUCTION

Before using this product, please read this instruction carefully to know how to use it properly.

1. Do not hit, throw, acupuncture the product, and avoid falling, squeezing, and bending it.

2. Do not use this product in damp environments such as bathrooms, and avoid it being soaked or rinsed with liquid. Please turn off the product in circumstances when it's forbidden to use, or if it may cause interference or danger.

3. Do not use this product while driving a car, so as not to interfere with safe driving.

4. In medical establishments, please follow the relevant regulations. In areas close to medical equipment, please turn off this product.

5. Please turn off this product near high-precision electronic equipment, otherwise, the equipment may malfunction.

6. Do not disassemble this product and accessories without authorization. Only authorized institutions can repair it.

7. Do not place this product and accessories in appliances with strong electromagnetic fields.

8. Keep this product away from magnetic equipment. The radiation from magnetic equipment will erase the info/data stored in this product.

9. Do not use this product in places with high temperatures or inflammable air(such as near gas stations).

10. When using this product, please comply with relevant laws and regulations, and respect the privacy and legal rights of others.

REGISTRATION GUIDE

Note: after booting the device, please set and connect WIFI well, then go through the registration&activation process.

New user:

1. For the first use, please prepare an available mobile phone or E-mail to help finish device registration and activation, click OK to start;

2. Boot the device and enter the registration&activation process;

3. Enter a user name, password, mobile number, or E-mail to get a verification code, then enter the code and submit registration;

4. The new account is registered successfully, set the device's power-on password;

5. Submit the info, apply for binding the user to the device;

6. Verified by the server, successful registration;

7. Initialize menu and etc;

8. Reboot and enter the device system.

Registered user:

1. For the first use, please prepare the corresponding mobile phone or Email of the registered account to help finish device registration and activation, click OK to start;

2. Boot the device and enter the registration&activation process;

3. Enter the registered mobile number or E-mail to get verification code, then enter the code and submit login;

4. Account login successful, set the device's power-on password;

5. Submit the info, apply for binding the user to the device;

6. Verified by the server, successful registration;

7. Initialize menu, etc;

8. Reboot and enter the device system.

PRODUCT OVERVIEW

2.1 Introduction

Product Name: K518 PRO Versatile Key Programmer

Product Description: K518 PRO, 2nd generation product of K518, is a versatile key programming device released by Lonsdor, designed specifically for technicians and locksmiths. Integrated with all functions and features of its predecessor, this tablet device shows more advantages and functionality, including immobilization, odometer adjustment, remote/smart key generate, adaptor, chip identify and copy, key chip generate, remote frequency detect, ignition coil detects, Toyota smart key settings, one-key update, push function and etc.

2.2 Software/Hardware Advantages

✓ Trendy tablet design with support frame, better user experience;
✓ Based on Android 9, more optimized operation;
✓ With Quad-core A7, the strongest computing power, 2 times that of A33;
✓ Excellent and powerful ultra-high-energy consumption ratio;
✓ The first to support 8A(H chip) generation;
✓ Added support for CANFD and Ethernet protocols.

2.3 Function Superiority

✓ More comprehensive functions and features based on K518;
✓ Support most car models on the market, luxury, domestic and popular cars all included;
✓ Networking/Pincode/OBD program, not required for most models;
✓ Support 24V lorry and heavy trucks.

2.4 Specs and Parameter

Operation system: Android 9
Processor: Allwinner A50
Memory: Ram 2G flash 8G
Display: MIPI 800*1280
WiFi: (802.11 b/g/n)
USB: USB2.0
SD card: support Plug & Unplug
Battery: 5800MA
Input voltage: 12V
Shell material: PC hard shell+TPR60°
Dimension: 26* 3 *16CM

Product List

Name	Qty
K518 PRO Portable Bag	1
K518 PRO Main Unit	1
OBD II Connector	1set
12V Power Adaptor	1
Type-C USB Cable	1
Collect-Simulate Antenna	1
User Manual	1
Certificate	1

Product Appearance

2.6.1 K518 PRO Main Unit
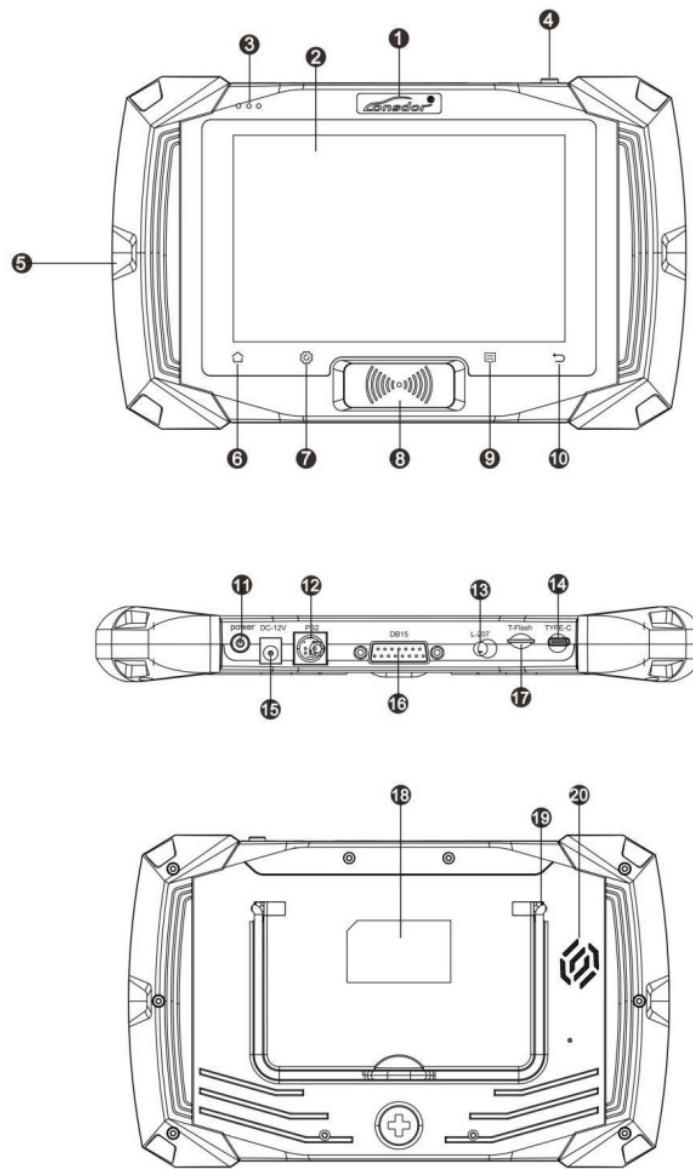
K0518 PRO

1. Trademark	11. Power-on/off Button
2. Capacitive Touch Screen	12.PS2 Port
3. Three-color Indicator	13. Collect-Simulate Antenna Port
4. Power-on/off Button	14. TYPE-C Port
5. Rubber Grip	15. DC Charging Port
6. Homepage Button	16.DB15 Port
7. Setting Button	17. TF Card Port
8.Key Read & Identify Area	16. Label
9. Help Button	17. Spring Steel Bracket
10. Return Button	20. Speaker

2.6.2 OBDII Connector + Cable

❶ OBD

❷ LOGO

❸ 挂绳

❹ OBD

❺ 型号贴纸
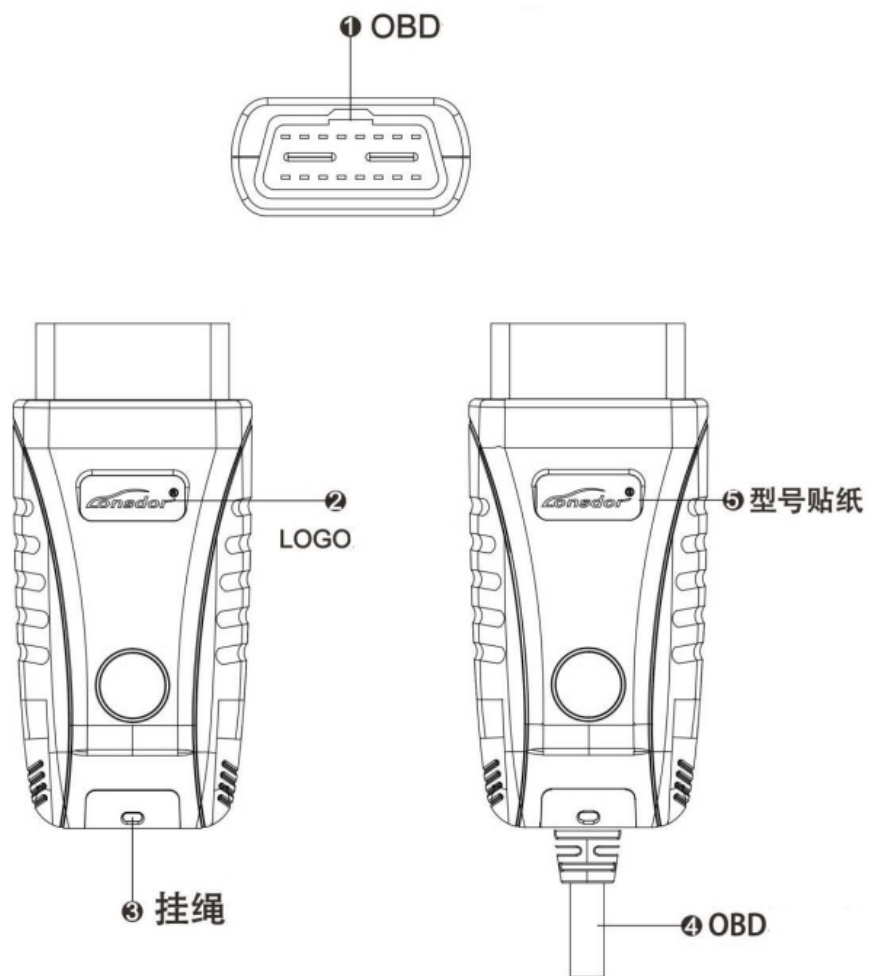
1. OBD Generic Plug
2. Illuminated LOGO
3. Lanyard Eyelet
4. OBD Cable
5. Type Sticker
6. Bluetooth Ver
7. Cable Ver

OBDII   DOIP
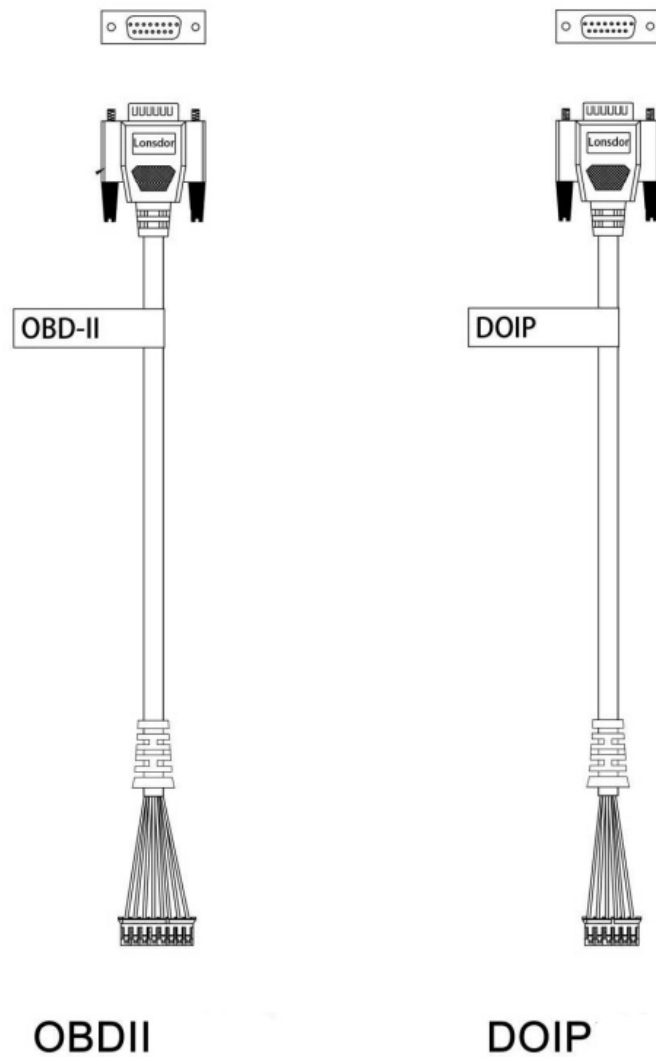
2.6.3 Collect-simulate Antenna + L-JCD Cable(non-standard)

❶ 商标
❷ 三色指示灯
❸ 简易牛角座
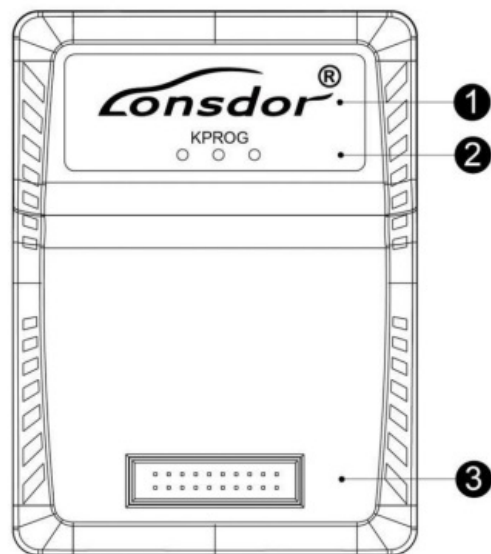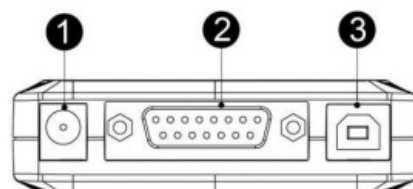
❶ 电源接口
❷ DB25
❸ USB

1. Trademark
2. Three-color Indicator
3. Simple Horn Seat
4. Power Interface
5.DB25 Port
6. USB Port

2.7 Function Display

2.7.1 K518 PRO Homepage Interface

Function	Description
Immobilization	Program mechanical key/smart key/remote, etc. Support most of car models on the market, regular updates for new models
Odometer Adjustment	Mileage diagnosis and correction
Generate Remote/smart	Generate smart key/remote/garage door remote
Adaptor	Read and write EEPROM chip/CPU main control chip, read EEPROM Pincode, etc
Special Functions	Identify and copy key chip, generate key chip, detect remote frequency, simulate chip, decode chip, detect ignition coil, key settings, access control card, etc
Push Function	Push the designated function App to the user, which will be automatically disabled when expired. Contact us to obtain function not activated yet
OBD Illumination	0131) connector' slight can be switched on/off

2.7.2 K518 PRO Special Functions Interface

Function	Description
Generate key chip	Support 4D, 46, 48, 7935, 8A, and more key chip generation
Identify&Copy chip	Identify info and status of almost all car key chips on the market
Generate remote	Detect remote key's frequency
Simulate chip	Mainly LKE functions, include: simulate 4D/46/8A chip, bind LKE and obtain LKE info, etc
Decode chip	Support 46 and 4D chip decoding
Ignition coil	Detect if the coil has signal, also identify the key type on AKL condition
Key settings	Set Lonsdor 8A and 4D smart key type
Unlock key	Unlock Toyota 8A smart key
Access control card	Identify and copy IC/ID card

2.7.3 K518 PRO System Settings Interface

Function	Description
Wifi settings	Set WIFI connection
Ethernet	Display Ethernet card status, network connection status, MAC/IP address, etc
Display settings	Set screen brightness and auto-off screen time
Start record	Click to start recording, or close demo video
Device into	View info like device ID, PSN, hardware/kernel version, etc
Screen test	Screen touch diagnosis
Bind adaptor	Require to bind the adaptor to the device for the first use
Reset device	Reset the device, situations like program error, system crash, communication failure, can be returned to normal state
Firmware upgrade	Update adaptor firmware

2.7.4 K518 PRO Function Operation Interface

生成启动钥匙　禁用钥匙　启用钥匙

演示

反馈

版本

功能介绍　操作指引　注意事项　相关资料

Function	Illustrate each function and necessary tips
Operation	Give concrete guide for each step, pics and notices attached if necessary
Attention	Emphasize tips and notices for functions, as well as user possible overlook during operation
Reference	Provide the basic info like chip type, frequency, car, and key photos
?	Scan the code to view HELP instructions while programming key
Replay	System replay and user record process
Feedback	Feedback function problems in time
Version	Detect the latest version of current interface functions

AFTERSALES SERVICE

1. Our company will provide you with excellent after-sales service and warranty service within the agreed time.
2. The warranty period lasts 12 months since the device activation date.
3. Once the product is sold, the return and refund will not be accepted if there is no quality problem.
4. For product maintenance beyond the warranty period, we will charge labor and material costs.
5. If the device is faulty or damaged due to any of the following reasons, we reserve the right not to provide service based on the agreed terms(but you can choose paid service).

※ The device and components are beyond the warranty period.

※ Users find that the product appearance is flawed or damaged, but has no quality problem.

※ Counterfeit, without a certificate or invoice, our official back-end system can not authenticate the device info.

※ The product is damaged due to not following the instructions in this manual for operation, use, storage, and maintenance.

※ Damage caused by private disassembly or damage caused by repair and maintenance of maintenance company unauthorized by Lonsdor.

※ Liquid inflow, moisture, falling into the water, or mildewing.

※ The newly purchased device works normally without any damage when unpacked for the first time. But with the prolonged time of use, screen damage occurs, such as screen explosion, scratching, white spots, black spots, silkscreen, touch damage, etc.

※ The use of special tools and accessories is not provided by our company.

※ Force majeure.

※ For the man-made damaged device, if you decide not to repair it after we disassemble it and make a quotation, the device appears unstable condition(such as: unable to boot, crash, etc) when you receive it.

※ Private cracking of the system causes function changes, instability, and quality damage.

6. If the auxiliary parts and other parts(other than the main components of the device) are faulty, you can choose the paid repair service provided by our company or our authorized customer service outlets.

7. We will perform a repair after receiving your device and confirming its problems, so please fill in the problems in details.

8. After the repair is finished, we will return the device to the customer, so please fill in the correct delivery address and contact number.

9. Customers who needs to send the device for repair, shall bear the cost, such as round-trip delivery cost, transportation cost and etc. If the device is damaged in the process of delivery, our company will not bear relevant fees. In particular cases, we will assist the customer to claim compensation against the shipping company.

10. We do not provide sales invoices to individuals in any form. If need it, please ask the dealer you purchased from to invoice you.

11. Please keep the warranty card properly, and fill in the card when returning your device for repair, so that we can deal with the relevant work procedures(the warranty card attached to the end of the manual).

12. Aftersales service hotline: 400-966-9130 WeChat: guopi0001 guopi0004 Service hours: Monday to Sunday 9:00-12:00 13:30-18:00(legal holidays off).
Website: **www.lonsdor.com** E-mail: **service@lonsdor.com**

Official account QR code

http://weixin.qq.com/r/Uj8IEMrE1JerrY5z92pA

FCC Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
1) this device may not cause harmful interference, and
2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
–Reorient or relocate the receiving antenna.
–Increase the separation between the equipment and receiver.
–Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
–Consult the dealer or an experienced radio/TV technician for help.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Radiation Exposure Statement
This device complies with RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
K518 PRO

Documents / Resources

K518 PRO Key Programmer User Manual ⬚ •Please read it carefully before operation, keep it well for further refer.	**Lonsdor K518 Pro Key Programmer and LKE Smart Key Emulator** [pdf] User Manual K518PRO, 2ART3-K518PRO, 2ART3K518PRO, K518 PRO, Key Programmer and LKE Smart Key Emulator, LKE Smart Key Emulator, Key Emulator, Emulator