



Operation instructions

- Please carefully use the user manual before using the product and keep it properly
- The contents of this manual have been carefully verified. If there are any printing errors or misunderstandings in the content, please contact us as soon as possible

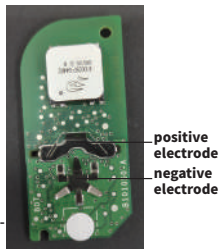
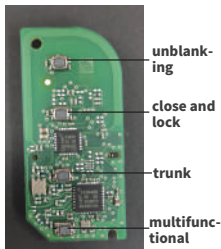
Welcome to use the smart LCD key

Before use, please pay attention to the following:

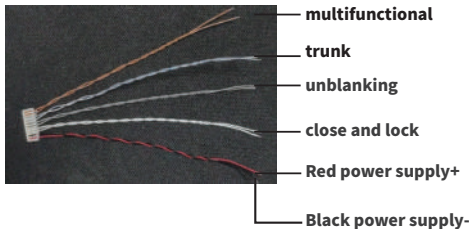
- 1. This product does not involve vehicle wiring modification and does not affect the original vehicle's functionality and driving safety**
- 2. This product has strong universality and is suitable for the vast majority of original car models with one key start. Models that require the original car key to be inserted into the lock or card slot to start are not supported**
- 3. This product is suitable for button batteries used in original car keys with a rated voltage of 3V. Other voltages need to be confirmed by professional technical personnel before they can be judged and processed**
- 4. This product is consistent with the original vehicle key control method and does not support infinite distance control**

Installation instructions

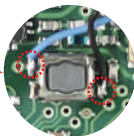
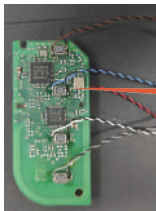
Step 1: Confirm that all functions of the original car key are normal, remove the original car key circuit board, and remove the button battery. Confirm the functions of each button on the original car key circuit board, as well as the positive and negative positions of the battery holder (as shown in the diagram, taking a certain brand of original car blade key as an example)



Step 2: Take out the dedicated wiring harness from the accessory package, and according to the definition, group and weld the wiring harness to the corresponding key pins and battery holder positive and negative poles of the original car key circuit board



The power cord of the dedicated harness is red for the positive pole and black for the negative pole; The other four sets of functional wires, each with two wires that are not positive or negative, are soldered onto the two diagonally opposite pins of the corresponding buttons on the original car key circuit board to select multifunctional keys. Function customization. If the original car key button exceeds three. According to the needs of the car owner, the multifunctional cable can be soldered onto the corresponding button on the original car key circuit board, and the operation method and function of the multifunctional button will be consistent with that of the button



*Weld the function line to the two diagonally opposite pins of the corresponding button, without distinguishing between positive and negative

Step 3: Insert the dedicated wiring harness into the socket above the LCD key rear compartment, place the sponge pad in the accessory package into the rear compartment, and place the original car key circuit board horizontally on the sponge pad. Pay attention to aligning the original car key button with the hollow area of the sponge pad to prevent interference and misoperation



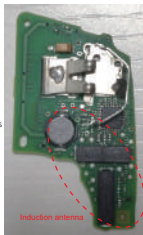
Sponge cushion hollow area

The induction antenna of the original car key should face the rear compartment cover and aim downwards as much as possible towards the marked area on the rear compartment sticker



3D induction antenna

perhaps



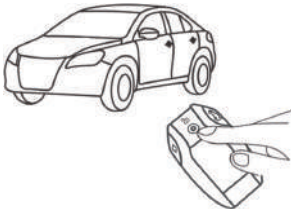
Induction antenna

***There are two common types of original car key induction antennas: a single 3D induction antenna or multiple single axis induction antennas, as shown in the left figure**

Step 4: Cover the back compartment of the LCD key and remove the screws from the accessory package to secure it firmly





Step 5: Go to the side of the car and test that all physical buttons (remote control function and distance), touch screen buttons, comfort entry, automatic window up (supported by some models), and vehicle one click start functions of the LCD key are normal. The installation is completed



LCD screen function description

1. Long press the power button to turn on the device and enter the screensaver interface

Slide up to unlock the top status bar of the function interface. On the right side of the status bar, the battery level is displayed as "", indicating the charging status. The lightning indicator disappears, indicating full charge. On the left side, "" indicates whether to connect to a dedicated OBD device (PKE function)



2. Click on the "" and "" icons to remotely lock and unlock the vehicle. The operation method and functions are the same as before The car keys are consistent

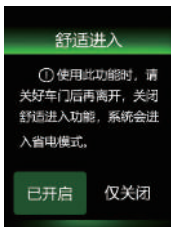
Swipe left and right to switch between different functional interfaces



3. Click on the "🔓" and "🔒" icons to perform trunk control and multifunctional remote control operations on the vehicle. The operation method and The function is consistent with the original car key



4. Click on the "🚗" icon to turn on and off the comfort entry function: bring the LCD key close to the vehicle, automatically lock away from the vehicle, and automatically close the lock

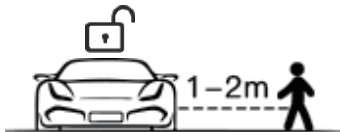


Please first insert the product specific OBD comfort entry module into the vehicle OBD interface



After the comfort entry function is turned on, the LCD key will automatically search for connection to the OBD module

After successful connection, it will automatically enter the "Signal Calibration" interface. The factory defaults to 3rd gear, and the sensing distance gradually decreases from 1st gear to 6th gear. You can choose the appropriate gear according to the actual sensing distance and personal preferences. It is recommended to automatically unlock 1-2 meters away from the vehicle if the actual distance for automatic unlocking is too close. Then adjust the high gear: vice versa



Attention: Enabling this function will increase power consumption and shorten the standby time of the LCD key

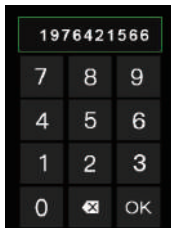
5. Click "🔒" to turn on and off the automatic window up function of the car lock. Click the LCD lock button or enter the car lock comfortably
Afterwards, the vehicle automatically raises the windows



Attention:

- *This function only supports models that can be remotely locked with the original car key to lift windows.
- * This function only supports liquid screen or comfortable entry locking operation, and physical button locking does not support automatic window lifting.
- * After locking the car, you must wait by the side of the car to confirm that all windows have been automatically raised before leaving. Leaving early may cause the windows to not be fully raised

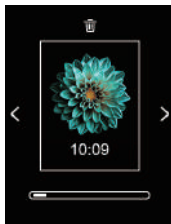
6. Click on the "📞" icon to edit and save the owner's phone number to prevent accidental loss of the LCD key, making it easier for the other party to contact the owner



7. Click the "⚙️" icon to enter the settings interface



8. Click on "Wallpaper" to choose different types of pictures as wallpapers according to your personal preferences



9. Click "Language Selection" to set the Chinese or English interface



- 5. This product supports intelligent management of battery level.**
After the LCD screen is turned off due to insufficient battery, the physical buttons of the LCD key can still be used for a long time without affecting the owner's use of the vehicle
- 6. Due to different firmware versions selected for this product, the interface details of the liquid product screen may differ from this manual. Please refer to the actual product for accuracy**
- This product is equipped with a potassium polymer battery.**
Please do not leave it in a high temperature environment above 50C for a long time? To ensure safety, please do not replace the battery by yourself in case of battery failure

WELCOME !



10. Click on "Intelligent Booking of Car Trunk" to make an appointment to open the car trunk once



11. Click "Restore Factory Settings" to clear all user data (including but not limited to screen saver, comfortable entry, owner's phone number, lock and window up)



Step 6: Go to the side of the car and test the functions of the mobile app, LCD key, touch screen buttons, comfortable entry, automatic window up (supported by some models), and one click start of the vehicle, all of which are normal. The installation is completed



Instructions for using digital keys

1. APP download and installation

For your convenience, we provide you with the iOS and Android versions of the intelligent car control app. You can download and install it by clicking on the QR code scan connection in the digital key or entering the QR code scan download and installation mode:

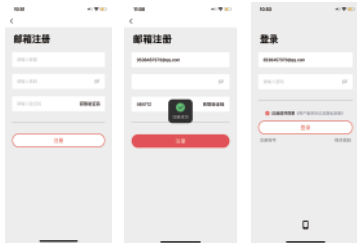
Download the intelligent car control app



Unified scanning and downloading of Ancao APP and Apple iOS
Android APP Apple ios

2. Registration and login

After downloading the APP, click on the email icon in the lower corner of the APP login interface, then click on Register - Email Number Registration - Set Password - Enter Verification Code to register immediately. Registration is complete - Return to the APP login interface - Enter your email number and password to log in



3. Product Connection Settings

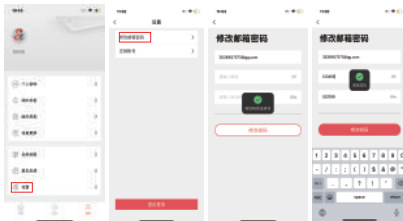
After logging in to the APP interface, enter the first interface - click to add device or scan - LCD key QR code - add digital key - return to the main interface after successful addition



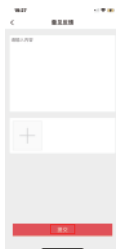
On the main interface, click on wallpaper - static or dynamic wallpaper - push to LCD key dial - LCD key and APP display progress at the same time. When the progress is 100%, the LCD key - LCD key interface is successfully replaced



If you need to change the APP login password, click on "My" - enter "Settings" - enter "Change Password" - enter your account - enter the password you want to change - finally click on "Send Verification Code" - fill in the verification code - confirm the modification



Add LCD key or APP feedback, fill in specific content or add pictures, and finally click submit



4. Operating instructions



Icon 1: Search for Bluetooth function to connect to the digital key host. The color turns green to indicate normal connection.

Icon 2: Add a new LCD key and wait for scanning to complete. Connect the LCD key

Icon 3: Scan the LCD key QR code to connect to the mobile app.

Icon 4: Multi functional patrol button

Icon 5: Replace the LCD key dial with a static and dynamic dial

Icon 6: Replace the LCD key, dial, and car model

Icon number 7: Door unlocked.

Icon 8: LCD key host battery display

Icon 9: Details of other LCD key products

Icon 10: After clicking on the trunk control, the trunk will be unlocked. If the original car is an electric tail, please confirm the parking position of the trunk

Confirm opening after encountering obstacles

Icon number 11: Car closing and unlocking

Icon 12: Car model selection to replace LCD key dial UI original car model

Icon 13: Custom Wallpaper Upload custom images or photos as LCD key dial

Icon 14: View device updates

Icon 15: View the latest device information

Icon 16: Release the LCD key dial

Icon 17: Enter My, enter Personal Profile Repair, view my device, device new, device permissions, settings, meaning

See feedback, etc

FCC Warning

15.19 Labeling requirements.

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.

15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.105 Information to the user.

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.

FCC RF Radiation Exposure Statement:

- 1.This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- 2.This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **5mm** between the radiator and your body.