Car Lcd Key

User Manual

Welcome to choose smart key!

Please note the following before use:

1. This product does not involve vehicle line modification, and does not affect the original functions and driving safety of the vehicle.

2. This product has strong universality and is applicable to most of the vehicle with keyless start.

3. This product is applicable to the original key with 3V battery. Others voltage have to be judged by professional first.

4. This product controls the vehicle in the same way as the original key, and does not support unlimited distance control.

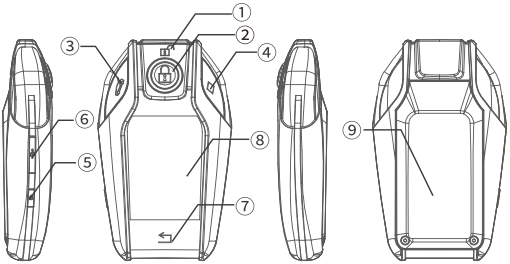
5. After the LCD is turned off due to low battery, the physical buttons of this product can be used for a long time to ensure driving.

6. The UI of LCD may be a little different due to different firmware versions.

7. Don' t place this product at a high temperature above 50°C for a long time because of the built-in lithium polymer battery. Don' t replace the battery by yourself.

WELCOME !

Product introduction



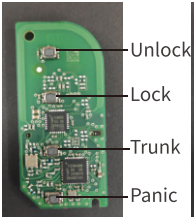
① Physical unlock button
② Physical lock button
③ Physical trunk button
④ Physical panic button(User defined for the fourth button of the original key.
⑤ Power button (long-press to power on/off, short-press to turn on/off LCD
⑥ Micro-usb charging port(5V/1A)
⑦ Return button
⑧ Touch lcd
⑨ Rear cover

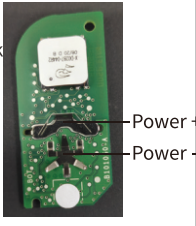
Product parameters

LCD	2.0 inch QVGA IPS panel
Size	92*56*21mm
Working current	≤100mA
Power In	DC 5V
Sleep current	<1mA

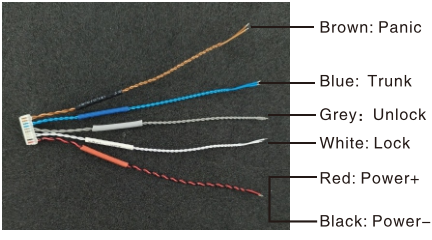
Installation guide

Step1. Confirm that all functions of the original key are normal,then take out the main board and remove the battery. Confirm the position of each button and the battery base (the following pictures show the original key of a brand as an example).



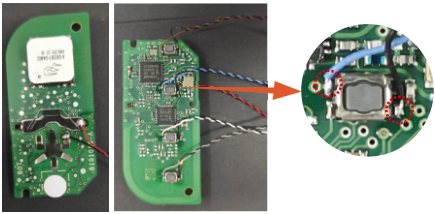


Step 2. Take out the wire harness form the accessories package, and weld the harness to the pins of each button and battery base on the main board according to the definition.

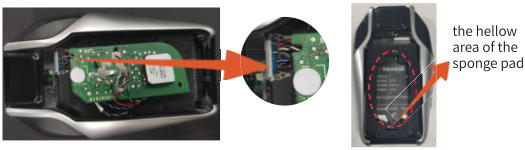


Red is positive and black is negative of the power wires.The other four groups of the harness with nonpolarity should be welded to the two diagonal pins of the corresponding buttons of the original key.

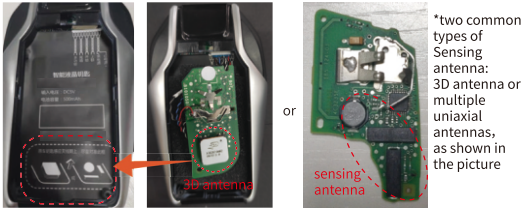
Panic button is optional and user defined. If there are more than three buttons on the original key, you can weld the panic wires to the fourth button, and the panic button is consistent with the operation and function of the fourth button.



Step 3. Insert the harness to the socket in the rear compartment of the smart key. Put the sponge pad into the rear compartment and place the main board horizontally on the sponge pad. Allign buttons of the mian board with the hollow area of the sponge pad to avoid interference.



The sensing antenna of the original key shall face up and align with the marked frame of the rear sticker.

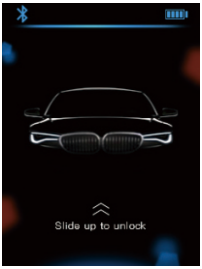


Step 4. Close the rear cover, take out the screws from the accessories package and fix it firmly.

Step 5. Go to the side of the vehicle and test that physical buttons (remote function and distance), touch LCD, PKE, automatic window lifting (support some vehicles) and keyless start are normal, then the installation is finished.

Operation guide

1. Long press the power button to power on the smart key, slide up to unlock and enter the user interface.
On the top status bar, “ ” indicates whether it is connected to the special OBD module (PKE function),“ ” indicates the battery power, “ ” indicates the charging state,“ ” indicates full charge.



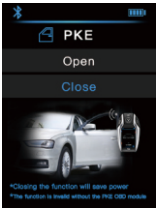
2. Click the " " , " ", " ", " " to lock, unlock, open the trunk and perform multi-function remote control operation on the vehicle. The operation method and function are the same as those of the original vehicle key.

3. Remote start:

- The vehicle with the original vehicle key and remote start can be set as one key remote start;
- This function cannot be used for vehicles without remote start of the original vehicle key;
- If you need to install remote start, you can contact the sales personnel.

4. Remote stop:
The vehicle with the original vehicle key for remote control flameout can be set as one key remote control flameout;
This function cannot be used for vehicles without remote control flameout of the original vehicle key;
If you need to install remote start / stop, you can contact the sales personnel.

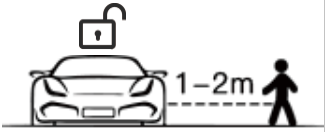
5. Click"⎙"to open close PKE function(Passive Key Entry): carry the smart key to automatically unlock near the vehicle and lock away from the vehicle.



Please insert the PKE OBD module into the vehicle OBD port first.

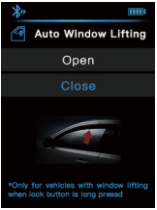
Common location of OBD port

After PKE function is opened, the smart key will automatically search for and connect the OBD module.
It will enter the "signal calibration" interface after connection
The factory default is level 3. The sensing distance from level 1 to level 8 becomes closer. You can select the appropriate level according to the actual performance and personal preferences
It is recommended to unlock automatically 1-2m close to the vehicle. If the actual automatic unlocking distance is too close, turn up the level ; vice versa.



Notice: Closing PKE function will save power.

6. Click“ ” to open/close the automatic window lifting function: after clicking the LCD lock key or PKE to lock the vehicle, all windows will automatically lift.



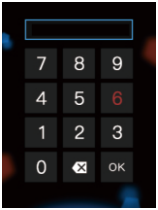
Notice:

*This function is only applicable to vehicles with automatic window lifting when lock button of the original key is long pressd.

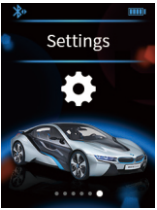
*This function is invalid with pressing the physical lock button to lock the vehicle.

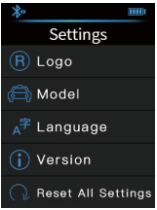
*Please wait for all windows to lift completely after lock.

7. Click " " to edit and save the owner's phone number to prevent accidental loss of the smart key .

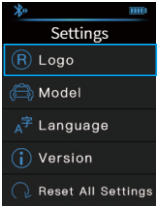


8. Click"⚙" to enter the setting interface.

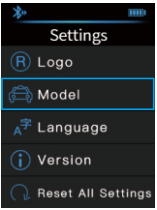


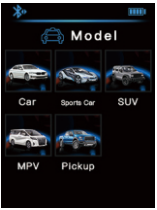


9.Click "Logo" to select neutral icon (the first) or logo of different automobile brands as personalized screensaver.

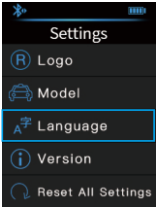


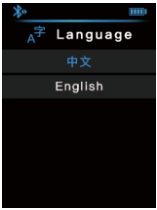
10.Click "Model" to select different vehicle models as personalized wallpaper .



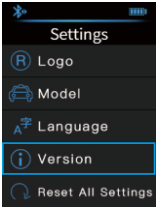


11. Click "Language" to set Chinese or English interfaces.

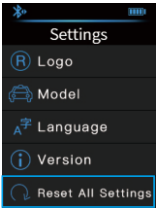


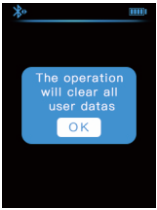


12. Click "Version" to consult the firmware version of the smart key.



13. Click "Reset All Settings" to clear all user data (including auto window closing, PKE,owner's phone,logo,model,Language,etc.).





FCC Warning Statement

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

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.

The device has been evaluated to meet general RF exposure requirement.