

Auto Idol

KPC Pro



User Manual

DECLARATIONS

- Read this User Manual seriously before using the device and use this device only as described in the manual
- Pay more attentions to the key words 'NOTE' for appropriate operations
- User should be solely responsible for the after-effects of violating any law and regulations in local market caused by using this product or its data, and the company Auto Idol shall not bear any legal responsibility
- The company Auto Idol shall be not liable for misuse or abuse of the product, or any unauthorized repair of the product, any consequential or incidental damage, or any economic loss resulting from the accidents of any individual user
- Try to avoid falling, shaking or dismantling the device that leads to any damage to the internal components
- Keep the main unit away from water, moisture, high or low temperature, strong magnetic field at any time
- All information including but not limited to specifications and illustrations in the manual is based on the current configurations and functionalities available, and Auto Idol would reserve the rights to make any change at any time without notice
- Go to visit our official website: www.autoidol.net if need more information on KPC Pro and other products
- Auto Idol reserves all the rights for the final interpretations of this product

CONTENT

1.	BASIC INTRODUCTION	3
1.1	Appearance	3
1.2	Layout.....	3
1.3	Features	4
1.4	Packing List.....	4
2.	INSTALLATION GUIDE.....	5
2.1	Application Installation	5
2.2	Connection	5
2.3	Registration	8
2.4	Update.....	9
3.	FUNCTIONALITY INTRODUCTION	11
3.1	Auto Key Programming.....	11
3.1.1	Vehicle Connection	11
3.1.2	Operation Instructions for Programming Auto Key.....	11
3.1.3	An example of Programming Key.....	11
3.2	Remote Frequency Testing	17
3.3	Transponder Chip Reading	18
3.4	Transponder Chip Cloning	19
3.5	Settings	22
3.5.1	Update.....	22
3.5.2	Activate	22
3.5.3	System Info	24
3.5.4	Help.....	24

1. BASIC INTRODUCTION

Auto Idol KPC Pro is a small and smart VCI especially for Key Programming & Cloning. It is integrated with multiple functionalities including Auto Key Programmer, Transponder Chip Reader, Transponder Chip Cloner, Remote Frequency Tester. And more and more functions will be continuously developed in the future.

1.1 Appearance



1.2 Layout



- ① —connected to KPC Pro Cable or Adaptor Cable
- ② —connected to your PAD with OTG function via OTG USB Cable
- ③ —Antenna or Sniffer used to collect information

1.3 Features

- Wireless connection to PAD based on Android System by Bluetooth
- Wire connection to PAD (support OTG) based on Android System OTG USB Cable
- Easy to Use Interface, Maximum Flexibility Extreme Calculation & Simplicity
- Online Update
- Extensive vehicle coverage up to 90% of the majority of Asian, African, American, European market
- Supported Protocols: SAE-J1850 PWM, SAE-J1850 VPW, KWP2000, ISO-9141, CANBUS, SINGLE CAN
- Input: 12V/1A
- Operation temperature: -10-50C°
- Dimension: 167*72*27MM

1.4 Packing List

- Interface: 1PCS
- KPC Pro Cable: 1PCS
- Hyundai/Kia-10P Adaptor: 1PCS
- Kia-20P Adaptor: 1PCS
- Honda-3P Adaptor: 1PCS
- DC12V Power Adaptor: 1PCS
- Adaptor Cable: 1PCS
- Micro OTG Cable: 1PCS
- User Manual: 1PCS

2. INSTALLATION GUIDE

Thank you for purchasing KPC Pro. The following instructions will guide you through the installation process, registration, activation, and update of the program. The update process is easy and would only take a few moments from start to finish.

2.1 Application Installation

Visit official website www.autoidol.net or scan QR to download KPC Pro Application, and install it in your PAD based on Android System.

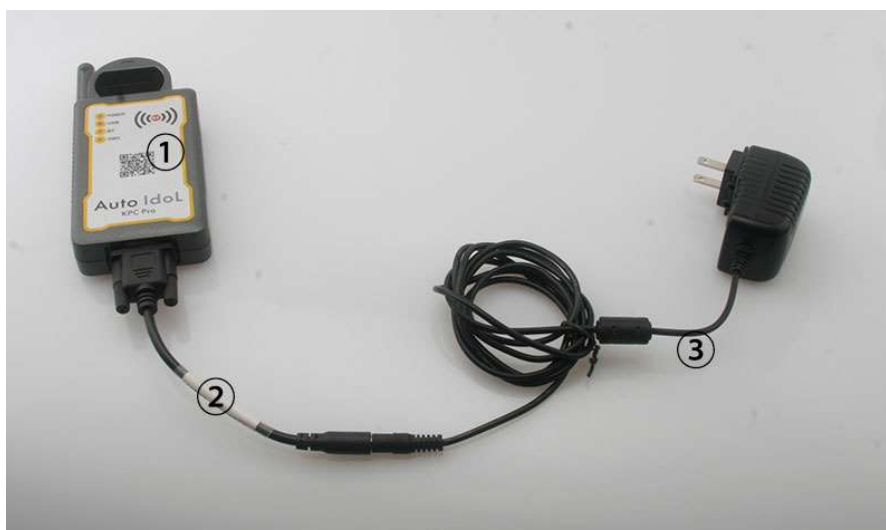
2.2 Connection

Before you start the Interface registration and update, please follow this instruction to connect to DC 12V power and your PAD

➤ DC 12V power connection

There are two options to provide DC 12V power supply.

Option 1: use DC 12V Power Adaptor and Adaptor Cable (shown as below)



- ① —Interface;
- ② —Adaptor Cable;
- ③ —DC 12V Power Adaptor

If Interface is powered correctly, the LED lights for POWER and BT on the Interface will be on.

Option 2: use KPC Pro Cable connected to OBD socket in the car (shown as below)



- ① —Interface
- ② —KPC Pro Cable connected to vehicle
- ③ —Vehicle

If Interface is powered correctly, the LED lights for POWER and BT on the Interface will be on

➤ PAD connection

There are also two options to connect Interface to your PAD.

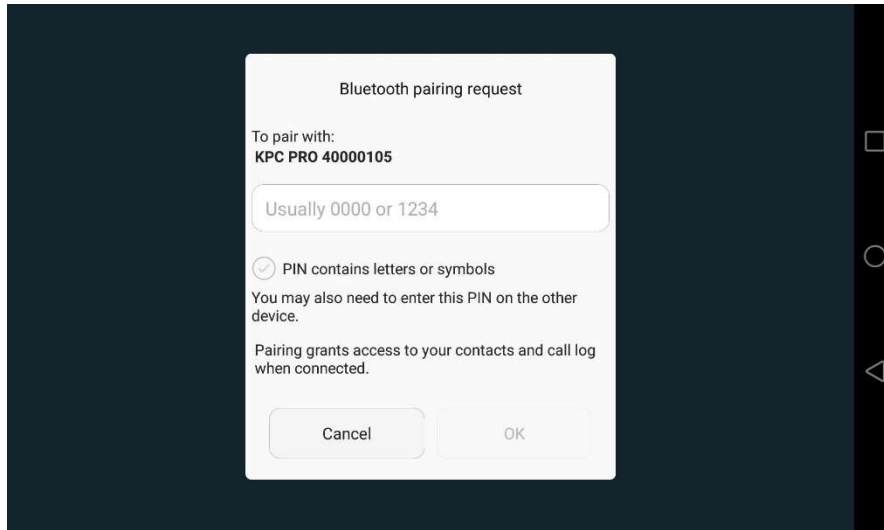
Option 1: use Bluetooth(Default)



- ① —Interface
- ② —PAD

When Interface is powered correctly, click the icon KPC Pro on your PAD to start APK.

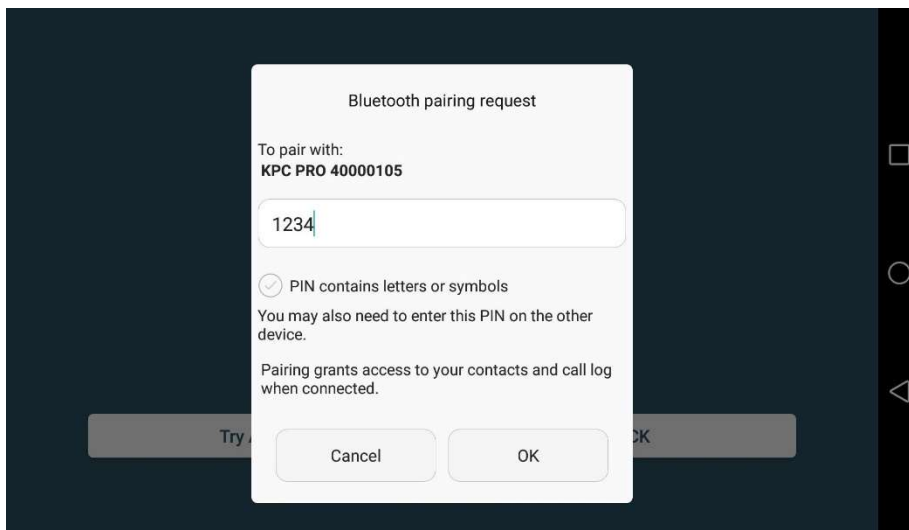
First, when the PAD successfully searches the Interface via Bluetooth, PAD will pop up a message that sends a Bluetooth pairing request shown as below:



Second, please input Pairing Password: 1234



Third, click button OK. Once paired successfully, it will show as below:



Option 2: use OTG USB cable



- ① —Interface
- ② —OTG USB Cable
- ③ —PAD

When Interface is connected to PAD via OTG USB cable, the LED lights for POWER and USB on the Interface will be on, as well as the light for BT will be off.

NOTE:

If you select OTG USB cable to connect the Interface to your PAD, please ensure your PAD has to support OTG function.

2.3 Registration

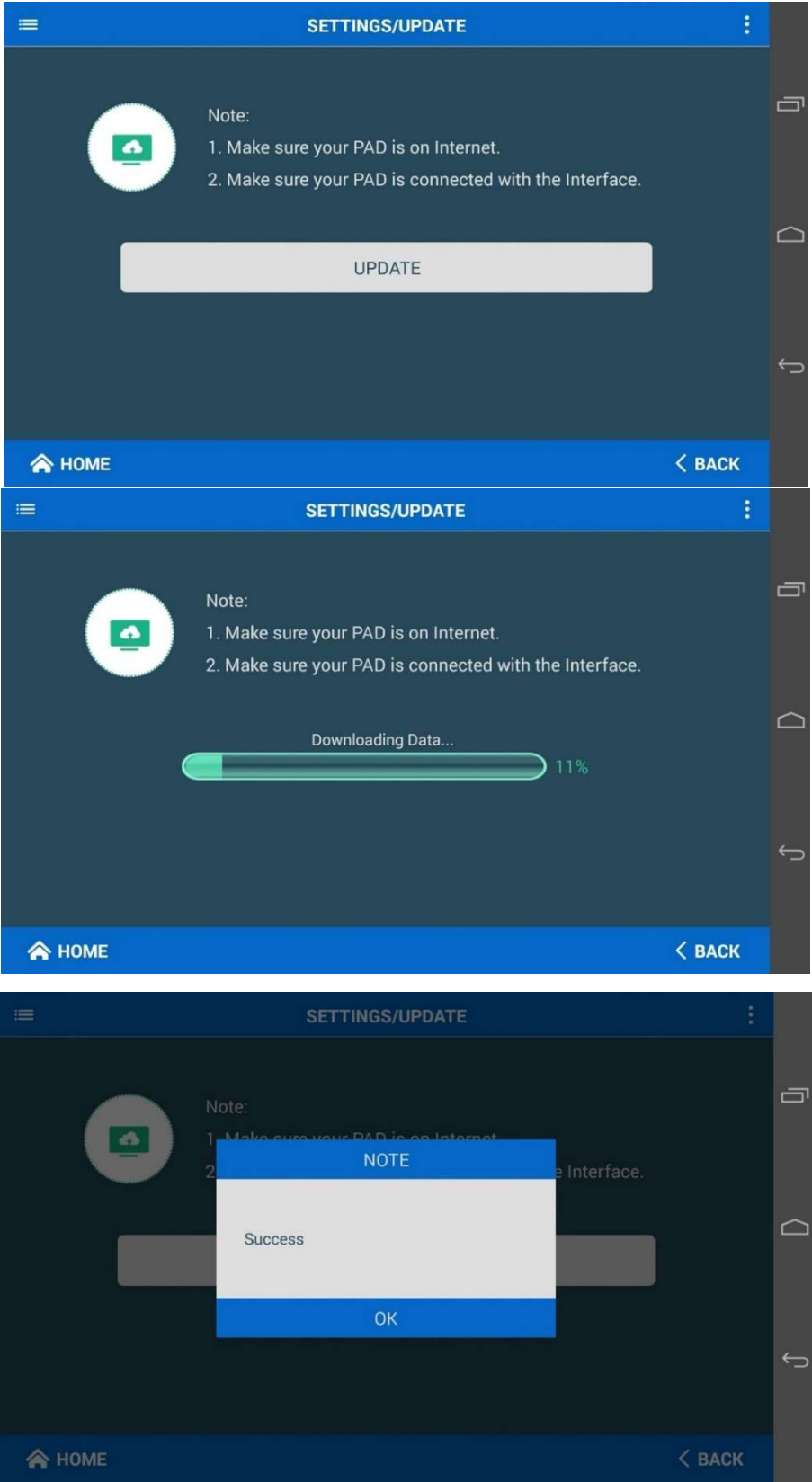
When using the product at the first time, you need to register your account according to the requirements. And please remember it that is necessary when you would deal with issues about the product if need in the future.

NOTE:

Once successfully registered, the PAD and the Interface would be solely matched.

2.4 Update

After successful registration, please directly update software to download all the data from the sever for the first use via the internet using WIFI.



NOTE:

- Suggest to use PAD instead of phone when using KPC Pro because especially when programming key with vehicle, an unexpected coming call or similar would interrupt the programming process that is possible to lead to damage the car.
- Make sure your PAD is on Internet when downloading APK, registering, and updating.
- Make sure supply DC 12V power for Interface
- The default for communication between PAD and KPC Pro Interface is Bluetooth without connecting OTG USB cable. Of course, when OTG USB cable is connected, the Bluetooth communication would be automatically turned off.

3. FUNCTIONALITY INTRODUCTION

3.1 Auto Key Programming

3.1.1 Vehicle Connection



- ① ———Interface connected to you PAD via Bluetooth or OTG cable
- ② ———KPC Pro Cable connected to OBD socket in the vehicle
- ③ ———Vehicle

3.1.2 Operation Instructions for Programming Auto Key

- Make sure the power supply of the vehicle battery is to meet normal voltage limit DC 9-15V, especially above DC12V for certain cars
- Make sure the steady connection between the device and vehicle OBD socket via KPC Pro cable or KPC Pro OBD Adaptor before testing vehicle
- Make sure not keep away from the main unit communicating with your PAD via Bluetooth when testing vehicle, because it may interrupt communication that leads to damage the car
- Suggest to turn off all electronic equipment of the car when programming key
- Before powering off the device or attempting to start engine when key programmed successfully, please make sure to complete or cancel the current function and exit to the main interface

3.1.3 An example of Programming Key

Take an example of programming process for 2009 Toyota Highlander.

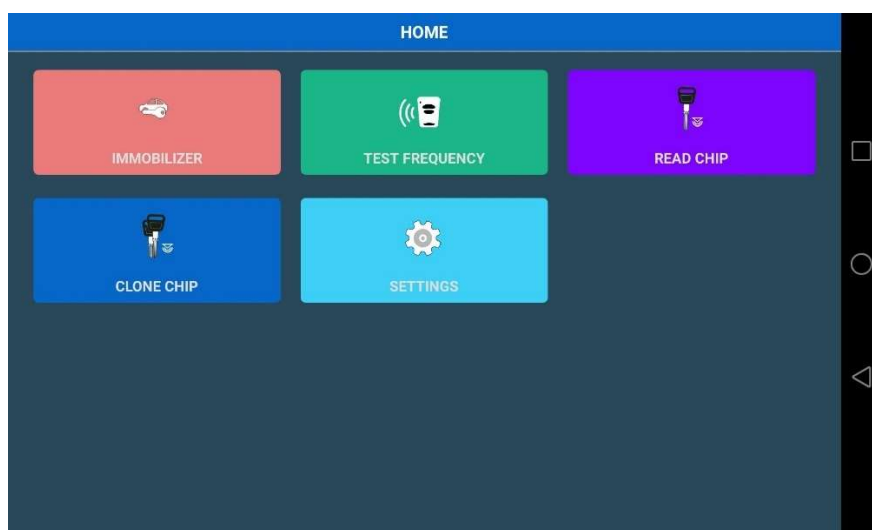
Step1:

Connect the Interface to OBD socket in the car



Step2:

Connect the Interface with your PAD via Bluetooth or OTG USB cable, and click IMMOBILIZER button

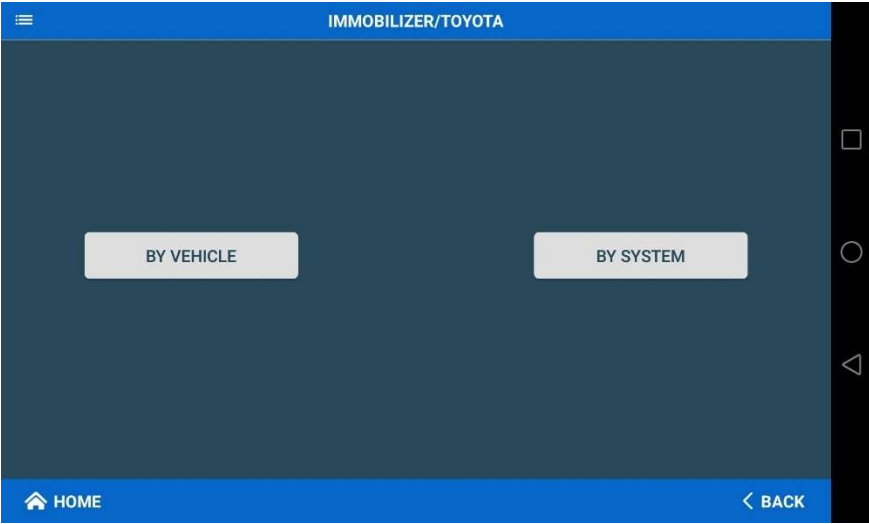


Step3:

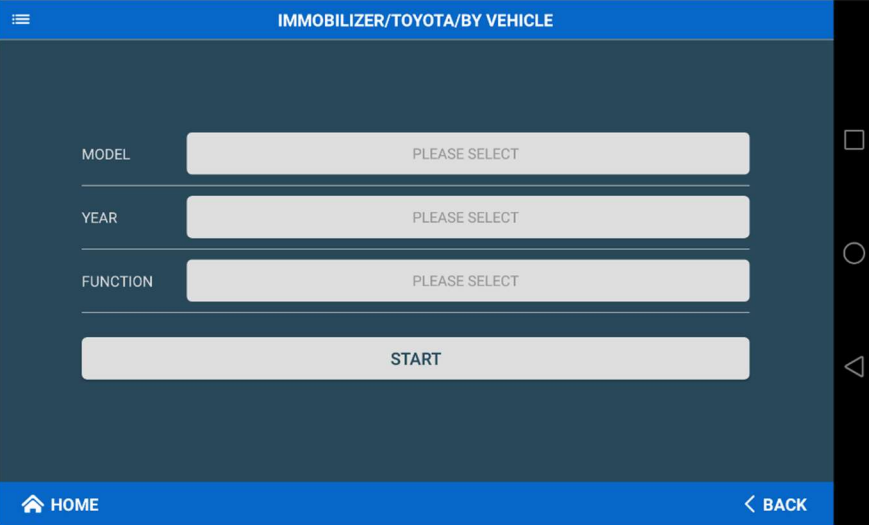
Select vehicle TOYOTA



Step4:
Select BY VEHICLE. And please select BY SYSTEM when you could not find the testing car in the vehicle menu.



Step5:
Select vehicle model, year and function you need, and click START button



IMMOBILIZER/TOYOTA/BY VEHICLE

MODEL HIGHLANDER

YEAR 2009

FUNCTION KEY

START

HOME < BACK

NOTE:

The following steps from step6 to the end would be on the process of key programming and need to communicate with the car, please strictly take operations according to the required messages displayed on PAD.

Step6:

According to the displayed note, please insert key into the ignition coil and turn ignition on, and click CONTINUE button

IMMOBILIZER/TOYOTA/BY VEHICLE/HIGHLANDER/2009/KEY

TURN IGNITION ON

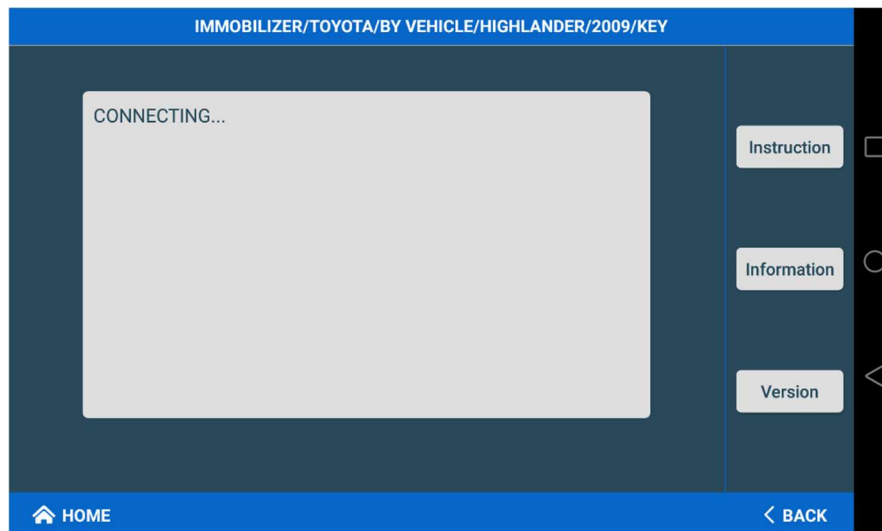
Instruction

Information

Version

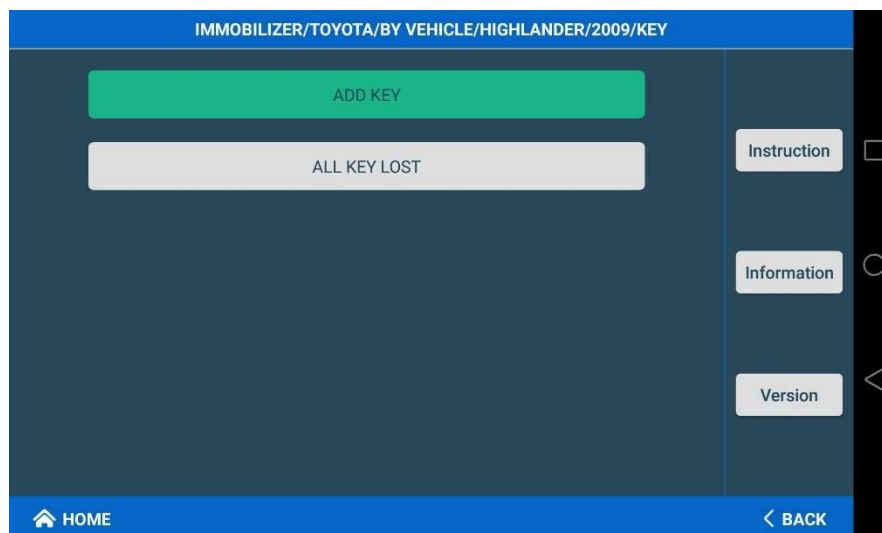
CONTINUE BACK

HOME < BACK



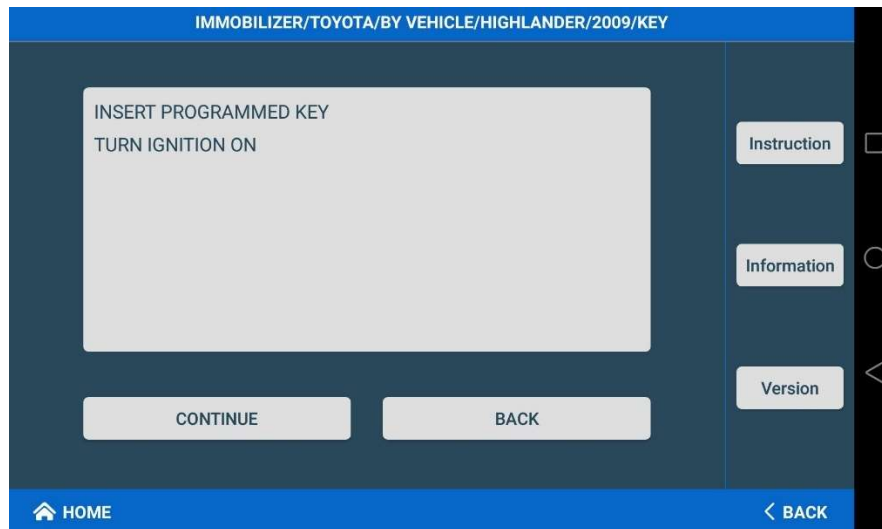
Step7:

Select the function you need, and here take ADD KEY as example. For this function, you need to have at least a working master key, or else select ALL KEY LOST to program key.



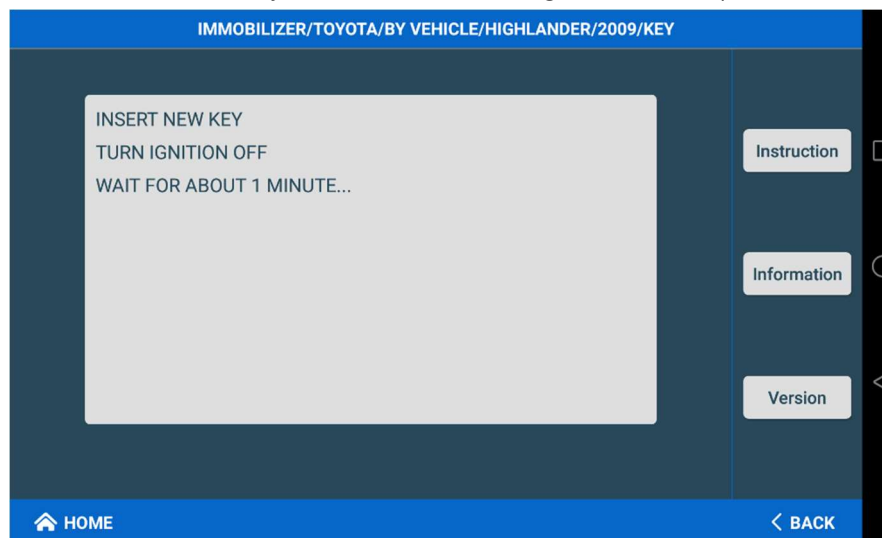
Step8:

Insert a programmed master key to turn ignition on, and click CONTINUE button



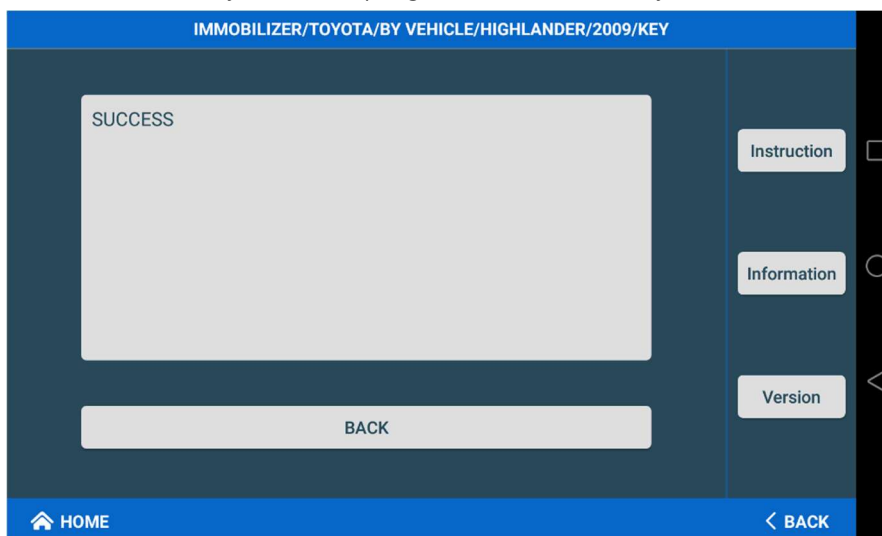
Step9:

Insert a new key and do not turn the ignition on the position



Step10:

The new key has been programmed successfully



Step11:

Make sure the new programmed key to start the car



NOTE:

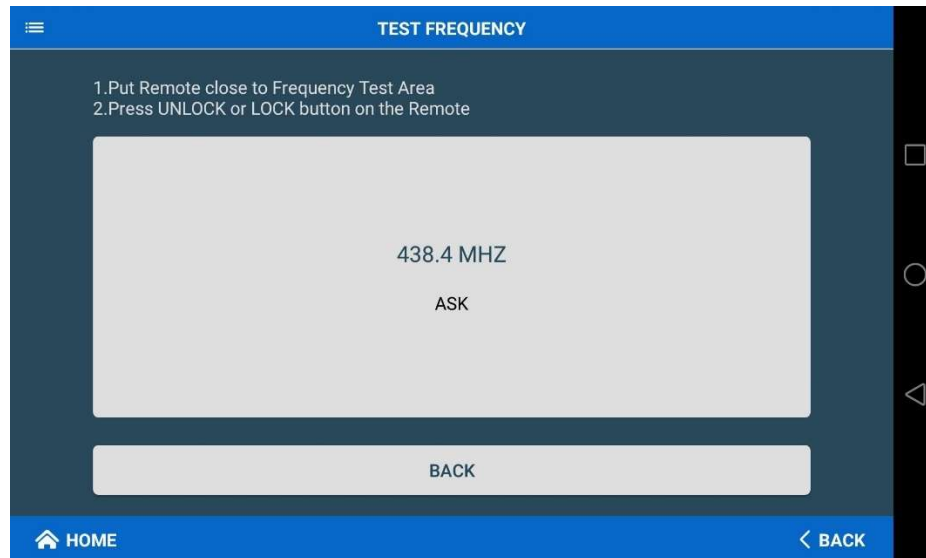
If the new programmed key is programmed unsuccessfully, there may be many factors leading to the failure, such as the chip type of key, the quality of the chip, the voltage of vehicle battery, user' s operation, the existing DTC and so on.

3.2 Remote Frequency Testing

- First, put Remote close to the testing area



- Second, press LOCK or UNLOCK button on the Remote and Remote frequency will be shown on your PAD

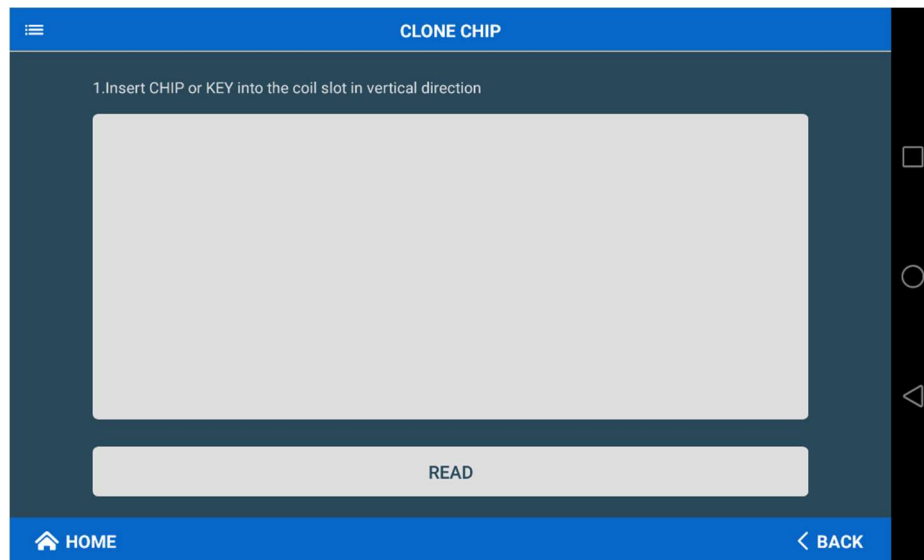


3.3 Transponder Chip Reading

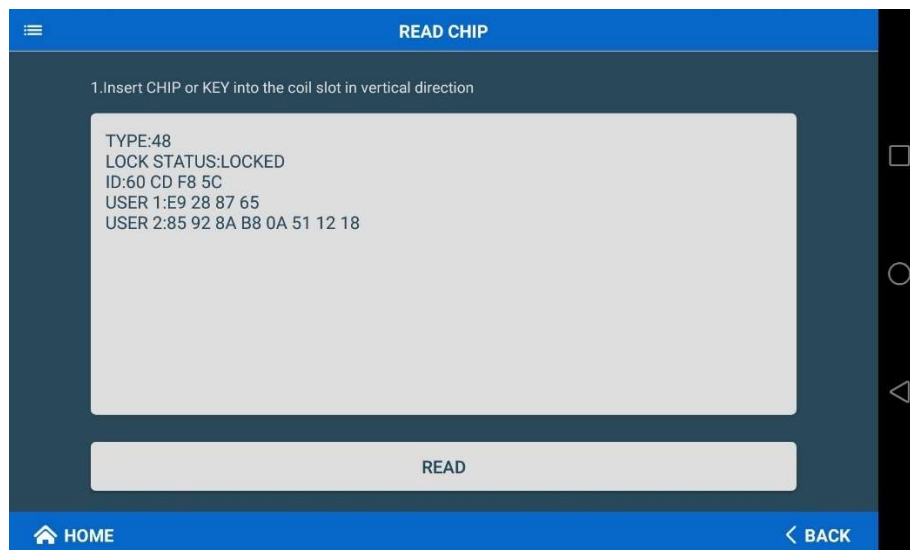
Support to read 11/12/13/33/T5/40/41/42/44/45/46/48/4C/8C/8E/4D(60 61 62 63 64 65 66 67 68 69 70 83)/G/H

- First, insert the key into the coil slot





- Second, click READ button on the PAD and it will show as below



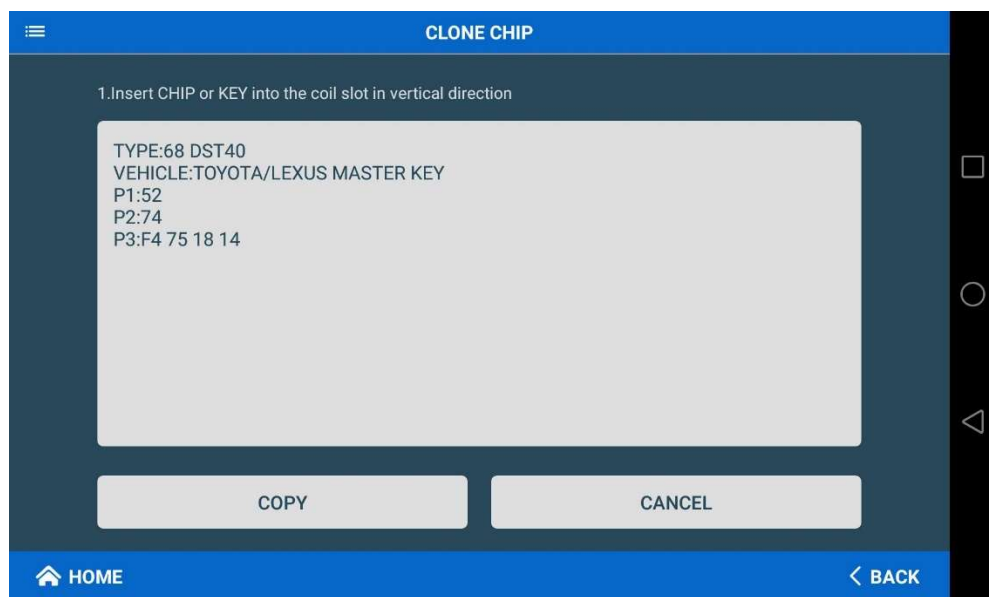
3.4 Transponder Chip Cloning

Support to clone 11/12/13/33/T5/41/42, Philips Fixed/Crypto 46, Texas Fixed/Crypto(4D/G), and Megamos Fixed/Crypto 48 will come soon.

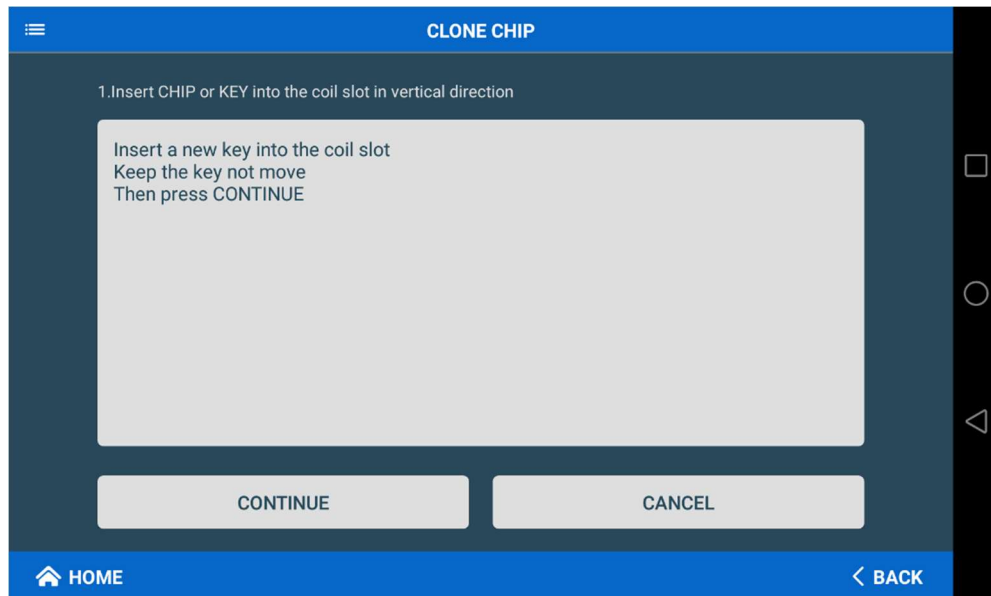
- First, insert the original key into the coil slot



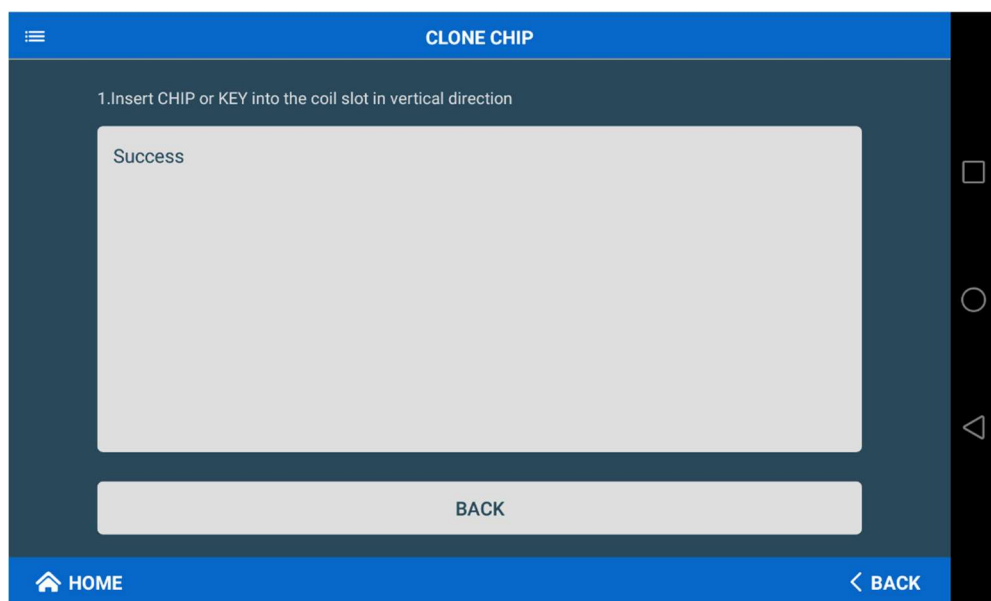
- Second, click READ button on the PAD



- Third, click COPY button and insert a new key into the coil slot, then click CONTINUE button on the PAD



- Fourth, successfully clone a new key. And the key information of the new clone key is the same as the original key.





NOTE:

If the transponder chip is 46 or 48, you need to use antenna or sniffer to collect data information from the testing car according to the required message on the PAD.

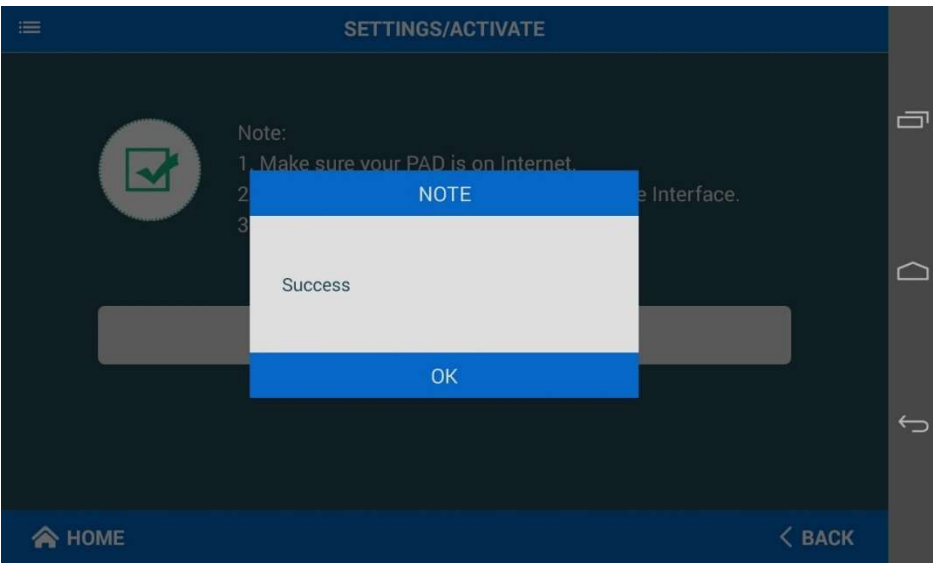
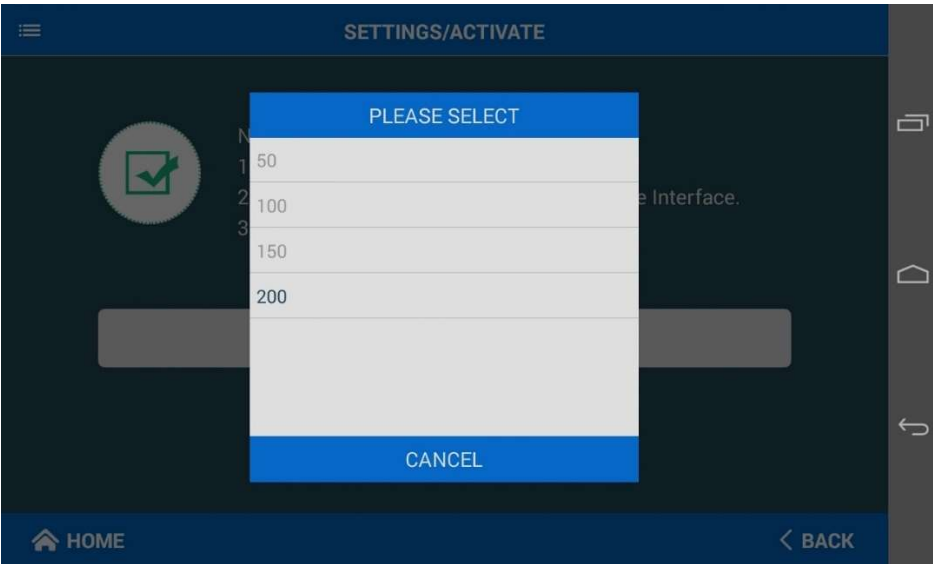
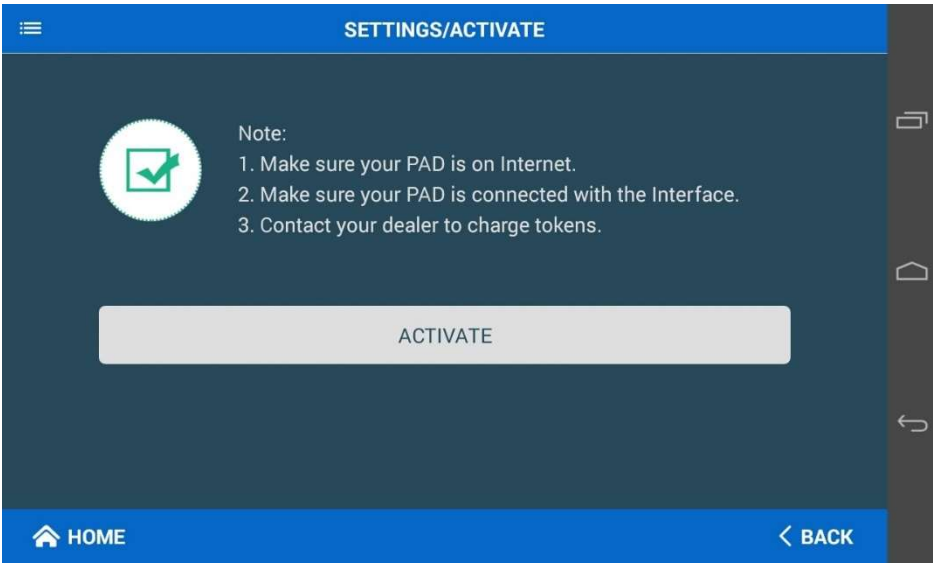
3.5 Settings

3.5.1 Update

KPC Pro could be one-click upgraded directly via the Internet using WIFI, and you would receive a push service when starting APK if there is a update. Please refer to 2.4 in this manual for how to upgrade software.

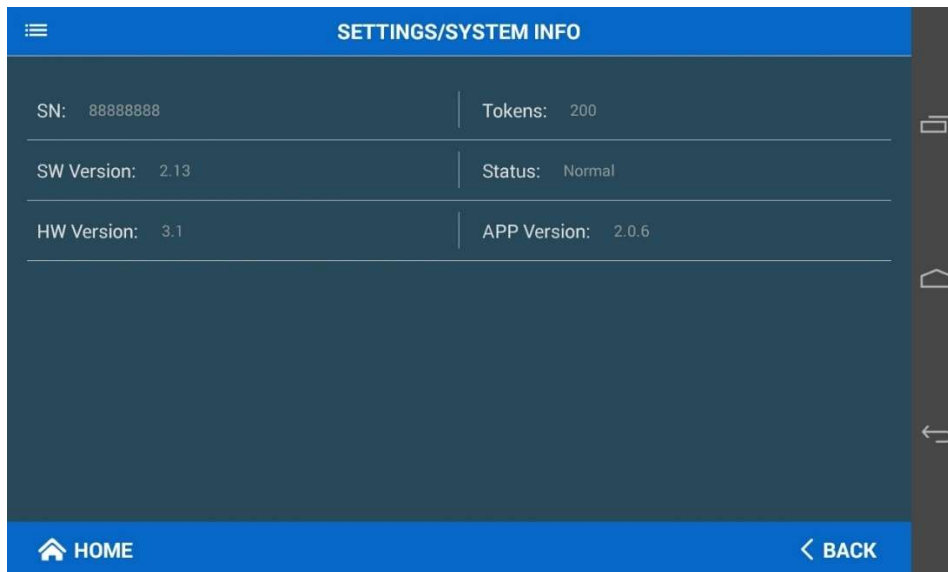
3.5.2 Activate

When Tokens is used up, you need to contact your dealer for charging additional Tokens. And you would be authorized to activate the quantity of tokens you pay



3.5.3 System Info

From this interface, you may know detailed information about the product, such as Serial Number, Tokens, Hardware Version, Software Version, APP Version and so on.



3.5.4 Help

There are some documents that helps users to know how to use this product better, and suggest to visit official website: www.autoidol.net to get more document instructions or videos.

