



ANNUAL PRODUCT MANUAL

Designed for Exhibition 2022



KEY TOOL PLUS



















CONDOR XC-MINI PLUS II

Beyond Your Imagination

Next Level Working Experience with AI Tech



KEY FEATURES

 Smart User Interaction in Android	 Intelligent Indicator Light	 Optical Key Bitting Recognition (Work with KEY READER)	 8-Core Processor	 Engrave on Key Blank	 Support Bluetooth and WiFi
 Powerful Database	 All Key Lost	 Protection Shield	 Customize Key Data	 Cutting Special Keys Available	 Cut by Bitting
 7" Display Intelligent Touch Screen	 Key 3D Preview	 Multi-purpose Clamps	 Free Upgrade Service	 Smart APP Control	 Three-year Warranty



Smart User Interaction in Android

Powered by Android System, it provides stronger compatibility, faster running speed, and smarter user interaction.

7" Display Intelligent Touch Screen

With a resolution of 1280x720 pixels, laid out on a real estate of 7 inches, offers a much better picture quality on the screen to minimize eye fatigue.

The machine adopts an angle-adjustable capacitive touch screen. You can set the angle of the screen based on actual needs.

Manufacture Craftsmanship

All-aluminum body structure; Manufactured by German-made DMG CNC machine to guarantee high precision cutting results. The finished keys passed the rigid test of the Optical Instrument.

The transparent shield enables users to check the real-time working status while preventing metal debris from spattering.

Maintain excellent performance even under extreme weather.

Optical Key Bitting Recognition

Able to connect the external optical recognition device – KEY READER self-developed by Xhorse, just one step, accurately recognizes the bitting code by inserting the key into the device. KEY READER currently supports metal keys, aluminum keys, and plastic keys.

Intelligent Color Synchronization

This smart indicator light, assembled by the advanced LED chips and lamp shade, seamlessly automates the color with the change of real-time working status, ensures a stable light source and intelligent status indication with flicker-free illumination and long service time.

All-purpose Clamps Extraordinary Versatility

A wide duplication availability guaranteed by a variety of functional clamps, support key duplication for cars, residential use, motorbikes, etc.

Support multiple key types, standard single sided, standard double sided, 2 track external, 4 track external, dimple, channel track, 4 track internal, F021 & Citroen SX9 keys, residential keys, etc.

Powerful All Key Lost Database

The built-in powerful database covers over 100 car brands, 2000 car models, 20000 key All Key Lost data with a lifelong upgrade service for free.

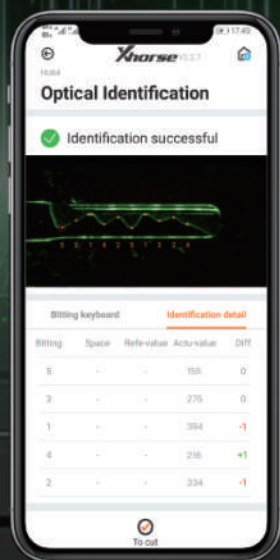
Accurate key data, detailed parameters, and clear key graphics. Offline operation is available after downloading the database.

Patents and Certificates

Multiple patents and software copyright certificates the self-developed machine received ensure its quality and reliability.

KEY READER

Equipped to Be a Pro



KEY FEATURES



Identify Key Bitting



Avoid Probe Breaking



Support Multiple Key Types



Identify Aluminum & Plastic Keys



Connect to Key Cutting Machines



Support APP Control



Support WiFi and Bluetooth

KEY FEATURES



Household Keys Cutting



Car Keys Cutting



Superior Mechanical Structure



Super Motor Adequate Cutting Power



Height Level Adjustment Indicator Light



High-quality Cross Rail Tracks



Ergonomic Design



Cutting Special Keys Available



All-purpose Clamps



Core Components Processed by German-made CNC

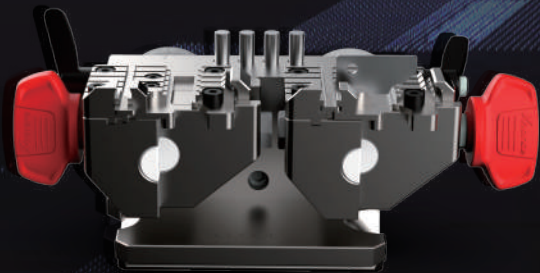


Ultra-high Precision Processing

CONDOR
XC-002 PRO

Superb Quality

Outstanding Machinery Performance



NEW

CONDOR XC-009

Unibody Structure

More Simple and Nimble Solutions



KEY FEATURES



Easy to Carry



4-sided Revolving
Clamp



Low Noise



Micro-adjust
Guide



Long Service
Life



Superior Mechanical
Structure



High Precision
Duplication



Built-in Lithium
Battery

KEY FEATURES



Key Duplication



All Key Lost



Powerful Database



Cut by Bitting



Find Bitting



Optical Key Bitting Recognition
(Work with KEY READER)



Take Photos to Recognize Bitting



Customize Key Data



Built-in Lithium Battery



Smart APP Control



Multi-purpose Clamps



Free Upgrade Service

DOLPHIN XP-005

Smart APP Control

Portable, Easy to Use



DOLPHIN XP-005L


Focus On Automotive Security Solutions

Meet A New 'DOLPHIN' Smarter and Safer



NEW

KEY FEATURES

-  HD Touch Screen
-  Innovative Indicator Lights
-  Protection Shield
-  Self-developed System
-  Support Bluetooth and WiFi
-  Optical Key Bitting Recognition (Work with KEY READER)
-  Smart APP Control
-  Multi-purpose Clamps
-  Customize Key Data
-  All Key Lost
-  Key Duplication
-  Cut by Bitting
-  Find Bitting
-  Take Photos to Recognize Bitting
-  Built-in Lithium Battery
-  Easy to Carry
-  Powerful Database
-  Free Upgrade Service



Finest Details Safety Ensured

HD Touch Screen

Users can directly complete operation on the screen. High definition screen minimizes eye fatigue.

The machine adopts an angle-adjustable 5-inch capacitive touch screen. You can set the angle of the screen based on actual needs.

Massive Vehicle Database

Built-in powerful database covers over 100 car brands, 2,000 car models and 20,000 key data. Accurate key data, detailed parameters, and clear key graphics. We provide a lifelong database upgrade service for free!

Transparent Protective Shield

The transparent shield enables users to check the real-time working status while preventing metal debris from spattering.

Multi-purpose Clamps

A wide duplication availability guaranteed by a variety of functional clamps, support multiple key types, standard single sided, standard double sided, 2 track external, 4 track external, dimple, channel track, 4 track internal, F021 & Citroen SX9 keys, residential keys, etc.

Innovative Colorful Indicator Lights

The indicator light changes color with the change of real-time working status.

Portable Solution

Thanks to its compact design, lightweight, much easier to take it outside and provide users outdoor and roadside services.

Built-in well-known lithium battery, stable and reliable, support cutting works without power supply access.

Manufacture Craftsmanship

All-aluminum body structure; Manufactured by German-made DMG CNC machine to guarantee high precision cutting results. The finished keys passed the rigorous testing of the Optical Instrument.

A wider workbench, strong and steady, make your works more productive. Maintain excellent performance even under extreme weather.

Support Bluetooth and WiFi

Support directly upgrade online via WiFi connection.

Control the machine by the Xhorse APP on your smartphone or other intelligent terminals via Bluetooth.

KEY FEATURES



High Precision Duplication



Ergonomic Design



Superior Mechanical Structure



Rotational Speed for Your Choice



Built-in Lithium Battery



Multifunctional Clamps

DOLPHIN XP-007

Portable Solution

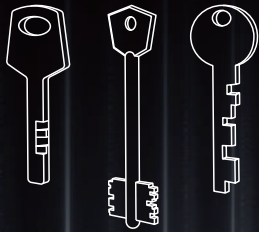
Reversible Multifunctional Clamp



DOLPHIN XP-008

Designed for Cutting Special Keys
(Bit, double bit keys etc.)

High Precision Duplication Results



KEY FEATURES



Special Keys
Cutting



Ergonomic
Design



Superior Mechanical
Structure



All-purpose
Clamps



Ultra-high
Precision Processing



Built-in Lithium
Battery



Easy to Carry

VVDI 2

Way More Stable & Reliable

A Pro for Volkswagen, Audi, Porsche, BMW, etc.



Volkswagen Software

Support Volkswagen, Audi, SEAT, Porsche, Bentley, etc.

Main Functions: Diagnosis; 4th immo; 5th immo, Key learning; Remote adaptation; Change KM; Engine control unit; K-line instrument/immo box; Replace 2nd-hand parts; Adapt unit module; Component protection; Dump tool, etc.

Porsche Software

Support File Make Key and key learning by OBD of new Porsche.

EEPROM supported: 1L15Y, 2M25J, 5M48H, 1N35H.

Transponder Programmer

Remote transponder programmer; Support up to a hundred exclusive transponder generation; Support immo data tool for more than thousands of vehicles; Generate remote; Remote clone; Transponder clone (11, 12, 13, 40, 44, HITAG2(46), 48); Support other key tools (find 7th CS from working key), etc.

BMW Software

Unit coding; OBD key learning (CAS1/CAS2/CAS3/CAS3+/CAS4/-CAS4+/FEM/BDC(Service Mode)); ECU ISN reading; File Make Key (CAS1/CAS2/CAS3/CAS3+/CAS4/CAS4+); Change KM; Read & write EWS/CAS EEPROM; Synchronize ECU-CAS; Synchronize CAS-ELV; Unlock key; CAS repair, etc.

Others

Pin code reading and key learning of Peugeot/Citroen/DS by OBD; Support PassThru J2534; Can be used by the third-party software ODIS, etc.; Test remote frequency, etc.

Toyota H Transponder

Support Toyota H transponder generation.

VVDI MB TOOL

Top Choice for MB

Full-featured and Professional Tool



| Read & Write Key

Identify key; IR read & write BE Key; NEC adapter read the passwords of v51 and v57 keys; Read/activate brand-new BGA (0CF4) Key; Key current HASH repair; Renew, write into the used NEC key; Write smart key, etc.

| Password Calculation

Read and calculate all password from EIS of (FBS3) CAN protocol by OBD; Support BGA keys, common NEC key, v51 and v57; Support W166/187/212/218/246, W212(with ELV), W172/204/207, W216, W164/251, W164/251 2009-, W639 2009-, W906, W221, W169/209/211, W215/220, W230, W202/208/210, W203/463/639 etc. all key lost password calculation online.

| ESL Tools

Read data by OBD (K line); Renew ESL; Replace ESL (no need to renew EIS); Check ESL for damage; Repair W204 ESL.

| Generate Key File

Generate key files of v11, v14, and v51 online; Support generating Motorola's EIS EEPROM file; Quick and stable.

| EIS Tools

Read & write EIS by OBD or IR; OBD auto diagnose; Access W164, W209, W211; Read the old Motorola EIS (K-line)'s password; Renew EIS; Replace EIS; Enable key; Disable key; Personalize W204 ESL; Check EIS/working key status, etc.

| Read & Write Gateway / KM Repair

Support OBD repair KM: W204, W207, W212, W251, W164, W211, W221, W216, W166, W172, W232, W205 etc.

Support reading & writing gateway EEPROM and Flash: W211/W164, W204/W207/W212, W221, W216 etc.

| Program ECU / Gearbox / ISM

Support ECU, gearbox and ISM renewal; VIN write-in and personalized setting, etc.

VVDI BIMTOOL PRO

Brand-new Design (Enhanced Version)



1. Support E series/F series/G series programming.
2. Support E series/F series/G series coding.
3. OBD key learning, support CAS1/CAS2/CAS3/CAS3+/ISTAP/CSA4/CAS4+ etc.
4. File Make Key, support CAS1/CAS2/CAS3/CAS3+/ISTAP/CAS4/CAS4+ etc.
5. Support FEM/BDC system programming key(service mode), replacing FEM/BDC control units, resetting mileage.
6. Support KM correction for CAS1/CAS2/CAS3/CAS3+/ISTAP/CAS4/CAS4+.
7. Support reading EEPROM and synchronous code data for CAS1/CAS2/CAS3/CAS3+.
8. Support synchronizing ECU-CAS, synchronizing ELV-CAS.
9. Support reading ISN from the engine without disassembling the ECU(adapters needed for some models).
10. Support reading ISN from E chassis 6HP gearbox and wipe out F chassis 8HP gearbox.
11. Support changing special function(support various types).
12. Special maintenance functions including synchronize FEM-ELV, BDC-ELV, initialize driver window, FEM to start, FSC calculate/write.
13. Support replacing CAS1/CAS2/CAS3/CAS3+/CAS4/CAS4+/replacing ECU(OBD write ISN).

VVDI PROG

Stable Performance Functional Diversification



Read & Write Encrypted Chips

Read & write MC9S12/MC9HC12/MC9HC08 series encrypted chip.

Read & Write Various EEPROM Chips

24Cxx/ 93cxx/ 25xxx /95xxx/ 28Fxxx /29Fxxx etc.

Read & Write Various MCU Chips

MOTOROLA: MC68HC05/MC68HC08/MC68HC11/MC68HC12/MC9S08/
MC9S12/MAC7xxx/MPC5xx etc.

NXP: PCF79xx etc.

INFINEON: TC17xx/TC2xx/XC164CS/XC2xxx/XC3xxx etc.

RENESAS: V850/RH850/RL78/M16C/M32C/R8C/R32C etc.

ST: ST10F/SPC5xx/ST7/STM8/STM32etc.

TI: MSP430/TMS370 etc.

Read & Write Immo Modules

BMW: EWS3/EWS4/CAS1/CAS2/CAS3/CAS+/CAS4/-
CAS4+/FEM/BDC etc.

BENZ: MOTOROLA/HC05/HC08/HC12/9S12/EZS etc.

PORSCHE: BCM etc.

LANDROVER: KVM/BCM etc.

Read & Write ECU Without Opening

BMW: N20/N55/B38/B48/B58 etc.

VOLKSWAGEN: EDC17Cxx/MED17.x.x etc.

BENZ: EDC17Cxx/MED17.x.x etc.

Constant Upgrading

Chips, modules and ECU supported in the tool keep upgrading and increasing.

MINI PROG

A New Era of Programming


Solder-free Programmer



KEY FEATURES


Solder-free
Programming



IMMO Data Reading
& Writing


EEPROM Reading
& Writing


Fast Processing
Speed


Data
Editing

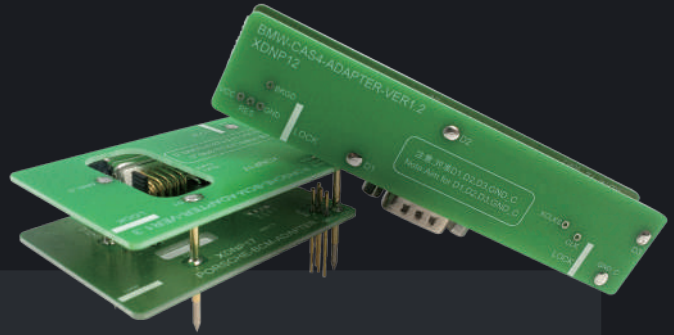

Press Header


PIN Status Detection


APP Control


Cloud Backup

Solder-free adapters and cables



BMW adapter kit

BMW CAS3/CAS3+, BMW CAS4/CAS4+, BMW FRM, DB15-DB25 adapter, D80/35080, BMW EWS3, BMW B48/B58, ECU interface board kit (B38/N20/N55), BMW MSS60, BMW MSV70, BMW ECU Power-1

AUDI adapters kit

AUDI J518 adapter, BCM2

BENZ adapters kit

BENZ ELV, MC68HC05X32, DME-1, BENZ DB9 cable (for BENZ EIS/EZS adapters only)

PORSCHE adapters kit

PORSCHE BCM

BOSCH ECU adapters kit

BOSCH ECU adapters V2

Optional pin header

Pin header 4 (for MINI PROG only)

VOLVO adapters kit

VOLVO KVM, VOLVO CEM 1, VOLVO CEM 2, VOLVO CEM (MPC5748G), VOLVO CEM (MPC5646C) adapter

Volkswagen adapters kit

VW EGS DL501, VW EGS DQ250, VW EGS VL381, VW EGS DQ200, VW EGS DL382, TMS370, VW MG1CS001 ECU, VW KESSY

DELPHI adapters kit

DELPHI 48 IMMO adapter

LANDROVER adapters kit

LANDROVER KVM

Honda adapters kit

HONDA CIVIC, HONDA VEZEL adapter

Dashboard adapters kit

HONDA FIT-H, HONDA FIT-L, KIA K3, KIA K5, HYUNDAI SONATA

Others

9S12 cable, MCU cable, 12V+5V power adapter, DB15-PS2(for renew adapter)

All adapters above are sold separately and can be used with both KEY TOOL PLUS and MINI PROG.
More adapters coming soon.











KEY TOOL PLUS

All-in-one Security Solution for Locksmiths


Say "Goodbye" to Your Multifarious Tools



KEY FEATURES

 Luxury Cars IMMO Programming	 Ordinary Cars IMMO Programming	 Transponder Clone	 Generate Transponder	 File Make Key
 Remote Program	 Prog Function	 Maintenance	 Control Xhorse Key Cutting Machines	 Cloud Diagnosis Mode-C

IMMO Programming for Luxury Cars

VAG (VW/AUDI/SKODA/SEAT)	BMW IMMO Programming	Mercedes Benz IMMO Programming
<ul style="list-style-type: none"> · 2nd/3rd/3.5th/4th/5th generation immo system/KM correction · MQB/49(5C) immo system · OBD 48 clone · Magotan/CC immo programming without disassembly (MED17/EDC17) 	<ul style="list-style-type: none"> · CAS1/CAS2/CAS3/CAS3+ · CAS4/CAS4+ · FEM/BDC · ECU ISN reading 	<ul style="list-style-type: none"> · MB FBS3 password calculation (add key and all key lost) · FBS4 disable key · Replace EIS/EZS, ELV, ECU, gearbox and ISM · Support ELV simulator, FBS3 smart key
PROG+ Programming Function	 More functions coming soon	

Basic Functions

KEY TOOL Functions	Immo Data Tool Support Jaguar/ Land Rover/Porsche/ Volvo/Mitsubishi etc.	IMMO Programming for Ordinary Cars										
<table border="0"> <tr> <td>Identify transponder</td> <td>Remote clone</td> </tr> <tr> <td>Transponder clone</td> <td>Generate Remote</td> </tr> <tr> <td>Generate transponder</td> <td>Frequency detection</td> </tr> <tr> <td>Remote renew</td> <td>Remote cloud recognition</td> </tr> <tr> <td>IC/ID clone</td> <td></td> </tr> </table>	Identify transponder	Remote clone	Transponder clone	Generate Remote	Generate transponder	Frequency detection	Remote renew	Remote cloud recognition	IC/ID clone		Maintenance	Cloud Diagnosis Mode-C
Identify transponder	Remote clone											
Transponder clone	Generate Remote											
Generate transponder	Frequency detection											
Remote renew	Remote cloud recognition											
IC/ID clone												
		Cutting Key										

CLOUD SMART

Your Online Remote Assistance

Designed for Remote Diagnosis and Programming



KEY FEATURES



Support CAN2.0, J2534
DOIP, CANFD



Identify
CAN2.0 type



Detect CAN2.0
Baud Rate



Support Mode-B
and Mode-C
Simultaneously



Car Voltage
Replay (Mode-B)



Smart APP
Control



- Support adaptive OBD II pin (Baud rate, impedance)
- Support Mode-B and Mode-C simultaneously
- Support low-speed CAN, high-speed CAN, DOIP
- Support simultaneous working of three high speed CAN protocols
- Support local J2534 and remote J2534 (coming soon)
- Support remote diagnosis and local diagnosis (local diagnosis will be launched soon)



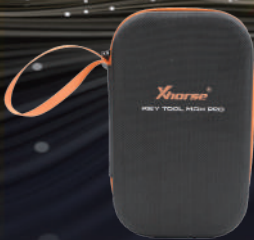
KEY TOOL MAX **PRO**

Advanced Performance, Optimized Experience

OBD Function Supported



Leakage Detection Cable




KEY FEATURES


IMMO Programming


Maintenance


Remote Leakage Detection


Remote Voltage Detection


Remote Clone / Generate


Generate Smart Key


Transponder Clone


Generate Transponder


Remote Renew


IC/ID Clone


Garage Remote Clone / Generate


Frequency Test

KEY TOOLMAX

Made Versatile to Facilitate Your Work

Leading High-end Key Tool in the Industry



KEY FEATURES



IMMO Programming
(with MINI OBD TOOL)



Generate
Remote



Remote
Clone



Generate
Smart Key



Transponder
Clone



Generate
Transponder



Remote
Renew



IC/ID
Clone



Garage Remote
Clone / Generate



Frequency
Test









MINI OBD TOOL

A Mini Handy Tool

Ready to Hand, Paired with More
Xhorse devices, Get More Done



KEY FEATURES

 Immo Programming	 8A Immo Box All Key Lost	 Self-query Password	 Maintenance Light Reset
 Throttle Program	 TPMS	 Electrical Park Brake	 Battery Management System

MINI KEY TOOL

More Slight, Even More Might

Quite Easily Fulfill Remote&Transponder Operation



KEY FEATURES



Remote Clone



Generate Remote



Garage Remote Generation



Transponder Clone



Generate Transponder



Frequency Test



Remote Renew



IC/ID Clone



Special Functions

KING CARD

4 Buttons

Universal Smart Key



Remarkably Thin & Gorgeously Colorful

One of a kind: card style smart key with only 5mm thickness.
Rounded design with compact feel. Sensitive button with long service life.

XS Series Universal Smart Key

Wide Vehicle Applicability

Built-in immobilizer transponder;
write different vehicle remote data.

- ✓ Support simulation of multiple immobilizer transponders including 46/47/48/49/4A/MQB etc
- ✓ Generate and program prox key
- ✓ Support a variety of car models
- ✓ Wireless programming; Reprogrammable





XE Series Super Remote

Integrated Transponder
Greater Stability and Reliability

- ✓ Universal wireless remote with an embedded cloneable Super Transponder
- ✓ Support generating various wireless remote types including 11/12/13/7935/7936/48/4C/4D/4E/8A/8C/8E etc.
- ✓ Integrated design, ultra-stable and reliable
- ✓ Wireless programming; Reprogrammable

XN Series Wireless Remote

Exquisite Appearance
Excellent Quality

Various Universal Car Models Supported

- ✓ Built-in cloneable transponder
- ✓ Support simulation of multiple immobilizer transponders including 11/12/13/ 7936/ 7937/7947XTT/7946, etc.
- ✓ Original NXP immobilizer transponder
- ✓ Wireless programming; Reprogrammable





XK Series Wired Remote

Integrated Design
High Cost Performance

Programming with No Risk

- ✓ Wired universal remote, no risk in programming
- ✓ Cloneable for some old model car
- ✓ Bonus points reward
- ✓ Reprogrammable

XK Series Garage Remote

Cloneable for garage remote
Compatible with dozens of garage door brands
More than pretty, easy to use



NEW



Style Meets Function

- ✓ Remote Clone
- ✓ Generate Remote with/without Wires
(KEY TOOL PLUS is needed for generating wirelessly.)
- ✓ Support Multiple Frequencies



VVDI Super Transponder

Support

8A (Toyota H/Hyundai 8A, cloneable)	4E (64)
8C (Haima)	48 (VW, Honda, etc.)
8E (Honda)	7935 (33 40 41 42 43 44)
4C (Corolla)	7936 (46)
4D (60 63 70 80 83 72G 67 69)	11/12/13

*It does not support ID47 and ID49.

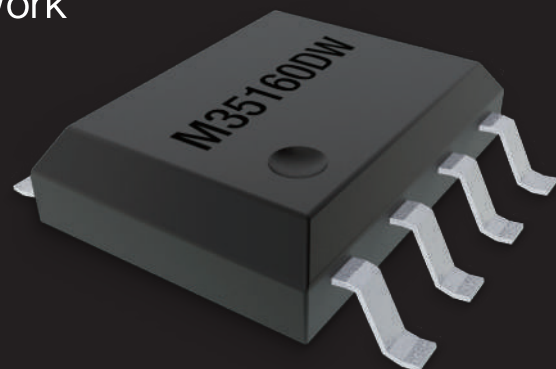
VVDI 35160DW

Reliable Performance for Your Work

Support

M35080	M35080V6	160D0WQ
M35080-3	M35080VP	35160WT
M35080-6	D80D0WQ	35128WT

* It's suggested to be utilized with VVDI PROG.



SW-007

Smart Remote Watch

Keyless Go

Your Third Car Remote



KEY FEATURES



Unlock



Auto Lock



Open the Trunk



Quartz Movement



Sapphire Glass



Noctilucent
Watch



Good
Workmanship



5ATM
Water-resistant



Long service
Life

SMART KEY BOX

Enter The Era of Digital Keys

Enjoy Your Driving Experience with Smartphone



KEY FEATURES



Greater Security



Easy to Install



Short-time Delay



Smart APP Control



Wide Vehicle Application



No Need to Disassemble the Vehicle



Multiple Remotes & Smartphones Supported



One-year Warranty



Free Technical Support



Gives A New Level of Freedom for Driving

Easy to Install

It's very easy to install the box in the car for users without complicated wire modification. It's a snap to achieve smart experience and adding remotes.

Wide Application

With wide applicability and general practicability, SMART KEY BOX supports the majority of common vehicles.

Multiple Remotes and Smartphones Supported Simultaneously

With the box, 6 remotes and 6 smartphones, 12 devices at most, can be programmed to the vehicle simultaneously, solving the issue of short of remotes.

Best Solution for These People

Lost car keys are a daily occurrence.

Short of car keys while lending out your car.

Hard to find the key with too much stuff in your pocket.

Short-time Delay

Featuring vehicle-standard design, advanced RF technology and software algorithm, the tool comes with short-time delay.

Best Solution for These Cases

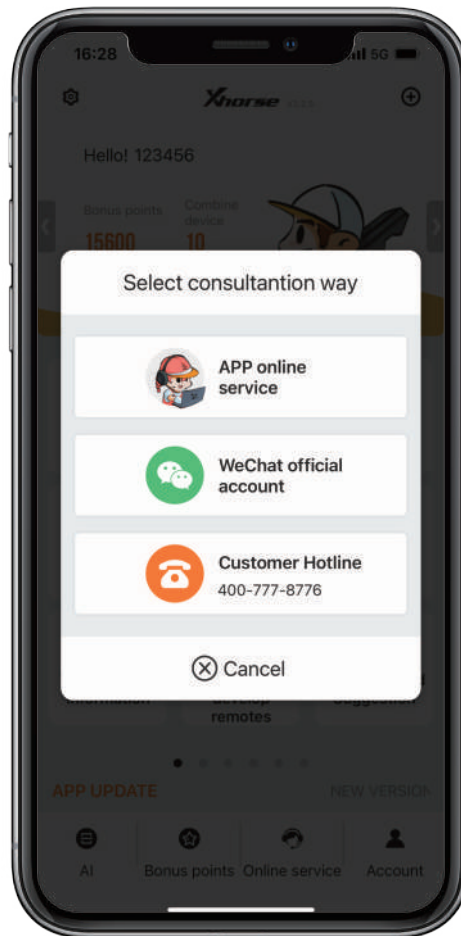
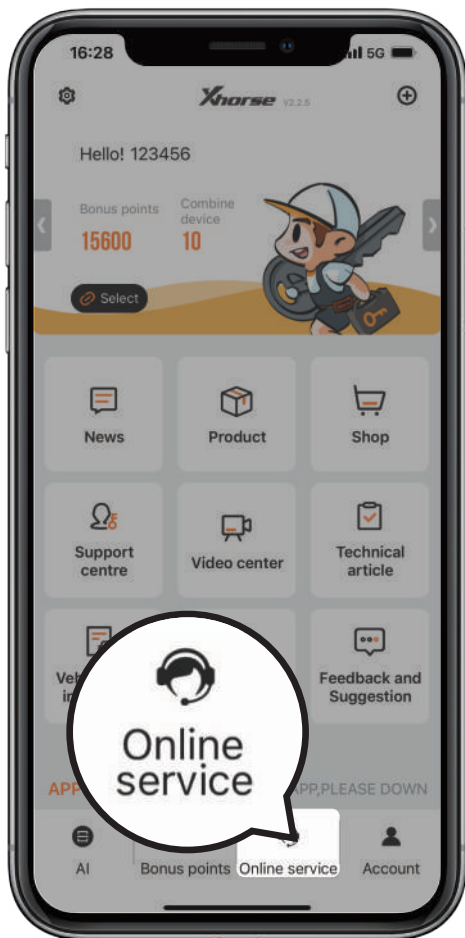
- a. For users wishing to control the vehicle by smartphone rather than carrying a car key.
- b. For cars which are hard to program. With SMART KEY BOX, multiple remotes can be added easily.
- c. For cars with/without push button start yet do not support keyless entry. The function can be simply added to the car.
- d. For users wishing to give their friends temporary authorization to use the vehicle.
- e. For remotes lack of original consumables.

Versatile Styles Available

Cool, Classic and Simulation, the 3 remote styles on the APP for your choice. Plus, the colour can be customized and more remote styles coming soon.

Customer Service

Get Your Questions Answered



Xhorse APP
'Customer Service'



Skype
live:..cid.51e713f01d801585



Email
support@xhorse.com



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IMPORTANT

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Xhorse®



Xhorse APP



XHORSE
GLOBAL



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GLOBAL



XHORSE
LOCKSMITH CLUB