

# X-100+ Auto Key Programmer

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## **With X-100+, Without worries about Matching!**

X-100+ Auto Key Programmer is a kind of handheld device for programming keys in immobilizer units on vehicles. This scan tool has a simple and robust design, to make your Vehicle service experience much easier!

## **Language: English**

Spanish Version will be released in the market.

## **Vehicle Coverage**

**Asia:** Subaru, Toyota, Nissan, Mitsubishi, Mazda, Lexus, Kia, Infiniti, Hyundai, Honda, Acura

**Europe:** Seat, Skoda, VW, Porsche, Peugeot, Citroen, Audi

**America:** GMC, Chrysler, Chevrolet, Cadillac

**China:** ShangHai GM, YDKia, ZZMazda, ZZNissan, SQYL, Roewe, QNLotus, MG, liuFeng, LiFan

JAC, HuaPu, HNMazda, HaFei, GreatWall, Geely, DFLiuzhou, Chery, ChangHe, ChangFeng,

ChangAn, CASuzuki, CAFord, Brilliance, BJXD, Besurn

And the more cars' software will be released.

Remark: including x-100 all the matching function and add new software function in x100+.

## **Software update**

Via official website

## **Features**

1. New keys programming
2. Reads keys from immobilizer's memory
3. New immobilizer programming
4. New ECU programming
5. New mechanical key number programming
6. Vehicle Identification Number programming
7. Reset ECU&reset immobilizer
8. Easy to operate by the guided menu programming
9. New remote controller programming
10. With full and strong database for the most important vehicle makes
11. Upgradeable via web-based download

## **Packing List**

1. X-100+ main unit
2. ObdII-16 connector
3. Honda-3 connector
4. Hyundai/Kia-10 connector
5. Main Cable
6. TF Card

7. TF Card Reader

8. X-100+ user's manual

**Question:**

What are the difference between x-100+ and the other auto anti matching equipment?

**Answers:**

The other equipment is major in auto locksmith, and can only do key matching, can not renew between anti safe and engine ECU, but x-100+ is not only for locksmith, it is including the customers from the workshop. Because the workshop not only use the key matching, they also need to replace the anti safe ECU and renew the engine ECU. But the common equipment, for example SBB,T300...etc cannot do these.

For example: when water get into the car...etc, after change the engine ECU,anti safe ECU , they need to do renew the anti safe ECU and engine ECU, or ECM initialization, SMARTRA initialization, PDM initialization, ESCL initialization..etc, x-100+ can do this, but T300,SBB cannot do.

Remark: X-100+ Odometer adjustment via diagnostic connector will be added successively.

X-100+ Auto Key Programmer supports for the following models:

Auto Manufacturer	Car Series	Model / System	Functions
Chery	Chery Series	Qi Yun	Chery series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock, remote control delete, remote control matching etc.
		Qi Yun1	
		Qi Yun2	
		Qi Yun3	
		Qi Yun5	
		TIGGo3	
		Easter	
		Easter CROSS Series	
		QQ6	
		QQme	
		A1 Series	
		A3 sedan	
		A3	
		A5 Series	
		Fulwin 2 sedan	
	Fulwin 2		
	E5		
	Riich Series	Riich M1	
		Riich M2	
		Riich M3	
Riich M5			
Riich X1			
		Riich X5	

		G3	
		G5	
		G6	
	Rely Series	V5 Series	
		H3 Series	
		H5 Series	
	Mini Series	Elegant Series (S22)	
ChangAn	ChangAn Series	Alsvion	ChangAn series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock, remote control delete, remote control matching etc.
		CM8	
		CV6	
		Zhi Xiang	
		Benni	
		CV7	
			For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.
Great Wall	Great Wall Series	Cowry	Great Wall series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock etc.
		Hover H3	
		HoverH5	
		HoverH6	
		HoverM1	
		HoverM2	
		Phenom	
		Peri	
		Wingle	
		Florid	
		C30	
		Coolbear	<b>Great Wall Delphi car body (remote control matching)</b>
			For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.

ChangAn SUZUKI	SUZUKI Series	Tian Yu SX4 Swift New Alto YC5	<p>In general, it includes key matching, register info etc.</p> <p>For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.</p>
ChangHe	ChangHe Series	Liana	<p>t includes key matching, register info , change new PC</p> <p>For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.</p>
DFM	Joyear	Joyear(B11) Joyear(B12)	<p>DFM immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock etc.</p> <p>For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.</p>
HaFei	HaFei Series	HaFei Simbo HaFei Lubao HaFei Saibao HaFei 8	<p>HaFei series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program VIN code.</p> <p>For different cars has different Immobilizer system,therefore, the</p>

detailed functions depend on the car.

HaiMa	HaiMa Series	The vehicles with Shanghai Industrial Immobilizer system and Lianchuang Immobilizer system Note: Old Mazda adopt 8C key chip, only support manual setting, 4S station is also manual setting and do not support device matching.	HaiMa series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program VIN code, security code login, security code setting, remote control matching etc.
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For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.

Brilliance	Jinbei Series	Jinbei	Jinbei series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program VIN code
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For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.

China	Grandeur JunJie  Others	Grandeur Series JunJie Series FRV FSV Coupe V5 H530 China 1.8T	China series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program VIN code, security code login, security code setting, remote control matching, intelligent card matching etc.
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For different cars has different

Immobilizer system, therefore, the detailed functions depend on the car.

HuaPu            HuaPu Series

HaiJing  
HaiShang  
HaiFeng  
HaiYue  
Marindo  
Hysoon

HuaPu series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program VIN code, security code login, security code setting etc.

For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.

ChangFeng      ChangFeng Series

CS6  
CS7

ChangFeng series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock, program key number etc.

For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.

JAC

BinYue

BinYue series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program VIN code, security code login, security code

setting, remote control matching etc.

For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.

Geely

Geely Series

CK  
Version  
JiinYing  
FC-2  
Emgrand

Geely series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock, program key number, program the pits code etc.

For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.

LiFan

LiFan

LiFan 320  
LiFan 620  
LiFan 520  
LiFan 520I  
LiFan X6

LiFan series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock, remote control delete, remote control matching etc.

For different cars has different Immobilizer system,therefore, the detailed functions depend on the

car.

LiuFeng	LiuFeng Series	Fashion FengHua SUV X6	LuFeng series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program VIN code, security code login, security code setting etc.  For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.
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ZZMazda		ZZMazda	ZZMazda series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program VIN code, security code login, security code setting.  For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.
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ZZNissan		ShuaiKe1.5 ShuaiKe1.6	ZZNissan series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock etc.  For different cars has different
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Immobilizer system, therefore, the detailed functions depend on the car.

Critroen

Elysee  
C2  
C5  
C-QUATRE  
C-triomphe  
Picasso

- 1. key programming
- 2. key programmer programmer
- 3. configuration
- 4. Engine electronic control unit programming
- 5. Key and engine electronic control unit programming

For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.

GM

Lova  
Spark  
Epica  
Excelle  
Old Lacrosse  
Old Firstland  
New Regal  
New Lacrosse  
Cruze  
Excelle  
Aveo  
GL8  
New GL8  
Sail  
Regal  
New Century  
Malibu  
Enclave  
Captiva

Immobilizer system includes key programming, blocker neutral module, remote control matching, intelligent card matching etc. Support inputting code by label for new Regal, new Lacrosse, Cruze, Excelle, new GL8.

Support odometer adjustment for GL8, Buick new Century, old Regal, new Regal, new Lacrosse, Excelle, Cruze, new GL8, Malibu etc.

For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.

Nissan

Nissan , Infiniti

DongFeng-Nissan  
Imported Nissan, Infiniti  
Support Teana XV

Immobilizer system includes read BEM parts number, activate directional lock, key programming, intelligent card register, intelligent card clearing, immobilizer system initialization etc.

For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.

Honda  
 GZ Honda  
 DF Honda  
 Acura  
 Imported Honda

Accord  
 Fit  
 City  
 Odyssey  
 Civic  
 Spirior  
 CRV  
 Acura

Honda Series immobilizer system includes key inspection, immobilizer models, key quantity, key reset, delete key, the whole key lost, change anti-starting unit,change ECM, intelligent card matching, change intelligent system ignition knob ECU, support intelligent system etc for new Honda G8 Accord, Crosstour, 2011 Odyssey, Spirior. For Honda has a lot of models,and not a list. Though the models don't mention, it can automatic searching and matching.

For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.

BJXD

Old Elantra  
 New Elantra  
 NF  
 Sonato  
 Moinca  
 Verna  
 New Santa  
 I30  
 IX35  
 Old Sonata  
 Sonata G8  
 Elantra  
 Accent  
 Santa Fe after06  
 Santa Fe 01-05  
 Moinca  
 Terracan 01-06  
 ATOS

XD series immobilizer system includes key matching, immobilizer data streams, remote control matching, intelligent card matching, ECM initialization, SMARTRA initialization, PDM initialization, ESCL initialization etc.

For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.

Imported

Hyundai

GETZ  
ACCENT  
MATRIX  
ELANTRA  
SONATA  
CRANDEUR  
H-100 TRUCK  
H-100  
SANTAFE(CM)  
SANTAFE  
TRAJET  
TERRACAN  
TUCSON  
IX35  
I30  
I20  
GENESIS  
GENEISI COUPE  
VERACRUZ

YD Kia

SPORTAGE  
Optima  
Carens  
FORTE  
RIO  
Cerato  
Cerato  
K2  
K5  
Qianlima  
SOUL

Kia series immobilizer system includes key matching, remote control matching, intelligent card matching, ECM initialization, SMARTRA initialization, PDM initialization, ESCL initialization etc.  
Support intelligent system for Chinese latest models: Sportage , Forte, K5, K2, Opirus, Sorento.

Kia

MORNING  
PICANTO  
RIO  
SEPHIA  
MENTOR  
CERATO  
CEE'D  
CARENS  
SPORTAGE  
OPTIMA  
MAGENTIS

For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.

CARNIVAL  
 SEDONA  
 K2500  
 K2900  
 SORENTO  
 OPIRUS  
 AMANTI  
 MOHAVE  
 BORREGO  
 SOUL  
 SPORTAGE R 2011(XM)

VW/ Audi	VW/ Audi Series	17 odometer immobilizer 25 immobilizer box Jetta immobilizer after2010	It includes the common models of VW immobilizer matching, Jetta after 2010 (key matching, no need online), part G2,3 immobilizer can read immobilizer code/ odometer adjustment.
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For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.

Toyota	FAW Toyota GD Toyota Imported Toyota Lexus	FAW Toyota Series GD Toyota Series Imported Toyota Series Lexus Series	Toyota series immobilizer system includes key adding and deleting, immobilizer system reset, remote control matching, G12 Crown intelligent card matching, intelligent card reset, ID identification box synchronizes with directional lock,,remote control starting, and it also includes Toyota after 09 immobilizer key adding and deleting(09- the root of the key with G) etc.
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For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.

TJFAW	Vela	Add keys
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SQYL	YL	YL Series	<p>YL series, immobilizer system includes read DTCs, clear DTCs, data streams, delete keys, match keys, reset ECM, match ECM, reset immobilizer, match immobilizer, match the whole system, program immobilizer VIN code, program engine VIN code, security code login, security code setting, key test, engine ECU test, immobilizer lock, program key number, program pits code.</p> <p>For different cars has different Immobilizer system, therefore, the detailed functions depend on the car.</p>
Mitsubishi			(test)
QN Lotus			<p>Original immobilizer system: version info, read DTCs, clear DTCs, read Data Streams, register key programming, clear key (no need password),</p> <p>Siemens immobilizer system structure: read DTCs, clear DTCs, read data streams, set/ input security code, match/ delete keys, match/ reset engine, match/reset immobilizer.</p>
Chrysler		300C	Match new keys, match old keys, delete old keys, remote control matching.
Subaru			The whole key lost matching, data streams(key quantity)
Cadillac		SRX SLS	The whole key lost intelligent matching, clearBCM DTCs, read

		Escalade	data streams, key matching, support odometer adjustment by SRX.
Porsche		Cayenne	2006-2010 Cayenne engine system: DTC records,clearDTC records. 2006-2010Cayenne engine system: DTC records,clearDTC records.set keys.
Roewe		350 550 W5	Add new keys,forbid lost keys(support parts) For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.
MG		MG3 MG6	Add new keys,forbid lost keys(support parts) For different cars has different Immobilizer system,therefore, the detailed functions depend on the car.
GAFord	GAFord	2005-2012 Focus	Add keys,reset keys,engine ECU and immobilizer ECU are synchronous(part models).
Peugeot		206 207 307(BSI) old 307(BSI) new 308 408 508	Key matching
Mazda	Mazda Series	Mazda 2 Mazda 3 Mazda 5	In general, it includes add key, reset all the keys, intelligent card matching etc

Mazda 6  
Core -wing

For different cars has different  
Immobilizer system,therefore, the  
detailed functions depend on the  
car.

CX-7  
Mazda -8

Besturn      Besturn Series

Old Besturn  
Besturn -09  
Besturn 09-

In general, it includes add key,  
reset all the keys etc.