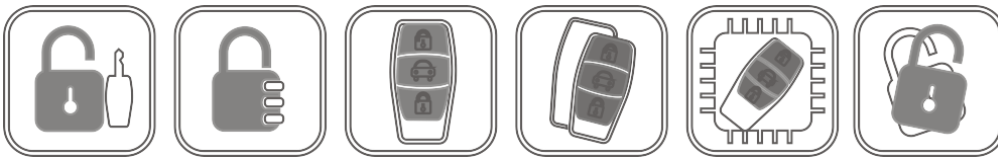# LAUNCH INDIA

Create-Change

X-PROG 3 Key Programmer

X-PROG3 car immobilizer programmer is another anti-theft product launched after X-431G. It is a powerful chip reading/writing device. It is mainly used for reading and writing data of car key chips, including reading/writing EEPROM, reading/writing on-board MCU, Mercedes-Benz infrared keys, generating special keys, reading BMW engine INS code, reading/writing BMW CAS4+/FEM chips. It can be used together with a variety of X-431 products without binding. It is flexible, stable, reliable, and suitable for professional users such as automotive electronics industry/locksmith/repair shop.

Product Features:

➢ Compatible with X-431 series diagnostic scanners, X-PROG 3 enables reading/writing EEPROM, on-board MCU and BMW CAS4+/FEM chips, Mercedes-Benz infrared keys, generating special keys, reading BMW engine INS code.

➢ Supported brands: VW, AUDI, SKODA, SEAT, BMW, MERCEDES-BENZ, TOYOTA, etc. More models continue to be updated.

LAUNCH INDIA

Create-Change

➢ Supported systems: Automatic Transmission, Instrument System, CAS, Body System, Lock System, etc.

➢ Compatible with: X-431 PRO GT, X-431 PRO V4.0, X-431 PRO 3 V4.0, X-431 PRO 5, X-431 PAD III V2.0, X-431 PAD V, X-431 PAD VII

Interface	DB26, DB15
Input voltage	DC12V
Input current	500mA
Working temperature	0-50℃
Storage temperature	-20-70℃

LAUNCH INDIA

Create-Change

Appearance Introduction:
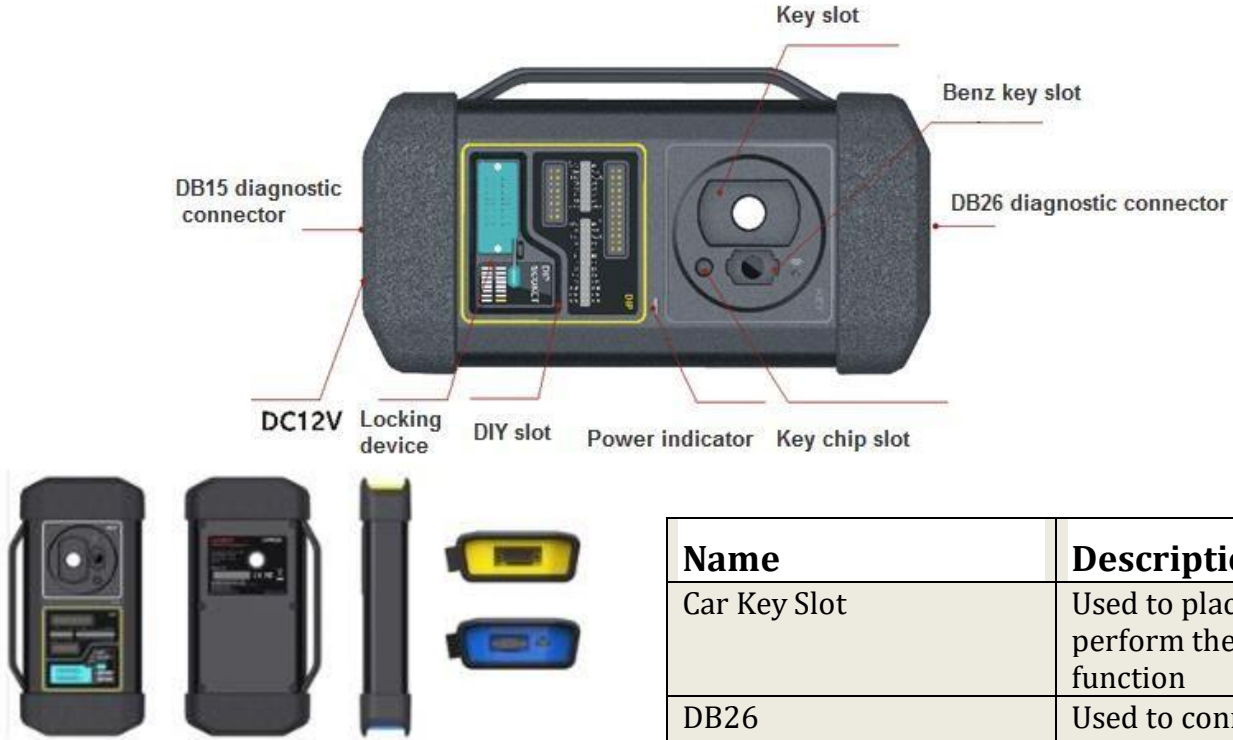
Name	Description
Car Key Slot	Used to place the car key to perform the key matching function
DB26	Used to connect to each anti-theft harness.
Benz key infrared slot	Used to place the Mercedes-Benz infrared key to perform the key matching function
Car key chip hole	Used to place the key chip to perform the key matching function
Status indicator lamp	Power supply indicator lamp
DIY slot	Used to connect the anti-theft ECU pin through the cable to read and write data
Locker	Used to install chip burning socket to read and write EEPROM or MCU data
DC12V power supply	Used to connect to the DC12 power supply
DB15	Used to connect to the main harness

LAUNCH INDIA
Create-Change

Function Advantage

Read/write EEPROM	Read/write keys
Read/write MCU	Read BMW engine ISN code
Mercedes-Benz keys	Read/write BMW CAS4+ and FEM chips
Key simulator	Read/write Audi fifth-generation steering column chips
VW Fourth-generation Dump Mode All Keys Lost	Read OBD MED17 engine
Read engine in BENCH mode	Replace VW fourth-generation UDS engine
Read engine in Boot mode	Replace VW MQB engine, gearbox, steering column lock
VW Fourth-generation Enumeration All Keys Lost	Read/write Mercedes-Benz engine and gearbox data
Read gearbox data	

Uses Operation

Connection method 1: Directly connect to OBD16 for key matching, data reading and writing, etc

The key chip (bare chip) or car key can be placed in the key chip hole or key slot of the device.
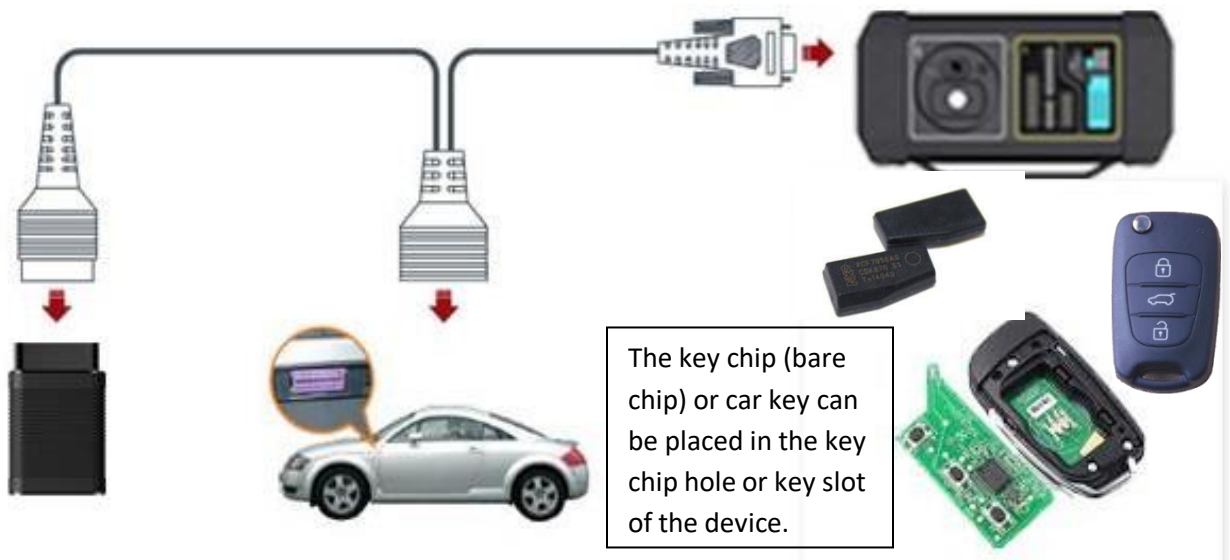
Address: 5B, Extension, First floor, APIIC, IE, Prashanthi Nagar, Kukatpally, **Hyderabad-500072**
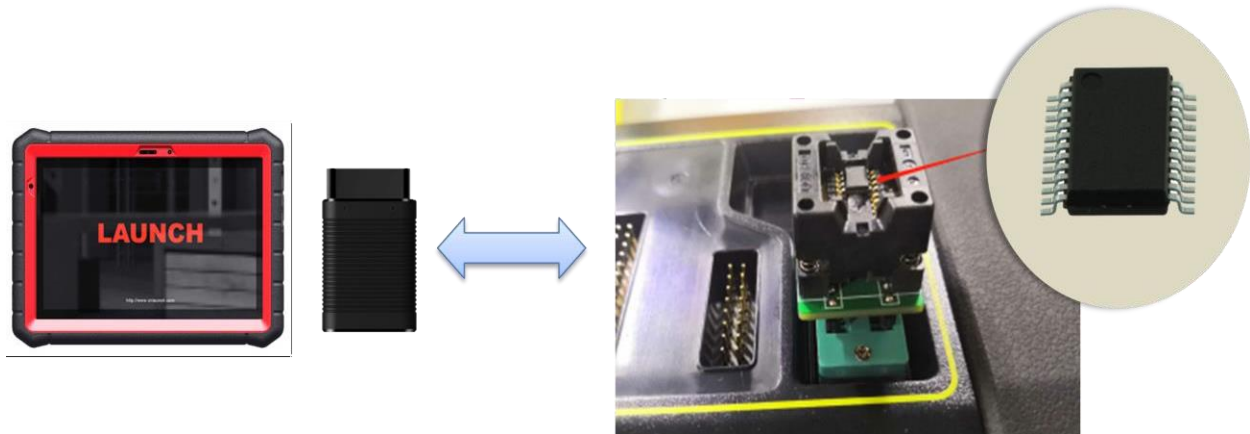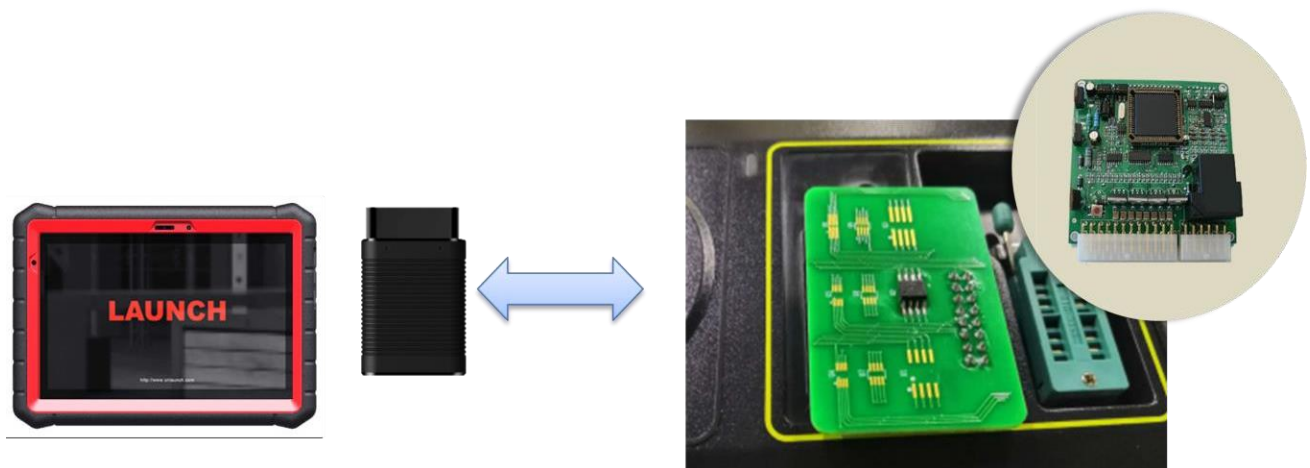**Visit**: www.launchindia.in E-mail: sales@launchindia.in Contact: **+91-9393656544**

LAUNCH INDIA

Create-Change

Connection method 2: Place the anti-theft EEPROM or MCU chip in the chip burning socket, and then insert the chip burning socket into the slot of the immobilizer programmer locker and lock it to realize the data interaction between the IC anti-theft chip and the diagnostic host

Connection method 3: After removing the ECU from the car, connect the anti-theft ECU pin to the DIY slot of the immobilizer programmer through the cable to realize the data interaction between the anti-theft ECU and the diagnostic host.

LAUNCH INDIA
Create-Change

Supported Brands

Supported brands: VW, Audi, Skoda, SEAT, BMW, Mercedes-Benz, Toyota, and more models continue to be updated...

Supported systems: Engine system, automatic transmission, instrument system, CAS, body system, lock system, etc.

NOTE: VW anti-theft systems: second and third generation anti-theft system, fourth generation anti-theft system, MQB system, fifth generation anti-theft system, fourth generation EZS/KESSY, Johnson MQB system, second and third generation anti-theft system (VDO66), fourth generation comfort computer

It supports common mainstream ECU MCU manufacturers, with more than 1,000 product models, and they are continuously being updated.

Atmel	NSC
Fujitsu	Philips
Infineon	Renesas M16
MC68HC05	Renesas M32
MC68HC08	Renesas M32R
MC68HC11	Renesas R32C
MC68HC12	Renesas R8C
MediaTek	Renesas V850 SPI
MicroChip	Renesas V850 UART
Nordic	Samsung
ST	SiLabs

LAUNCH INDIA
Create-Change

<u>Supported</u> <u>EEPROM</u> <u>Brands</u>

It supports common mainstream EEPROM manufacturers, with nearly 1,000 product models, and they are continuously being updated.

4Wire	GI	Numonyx	SST
Adesto	GigaDevice	OKI	ST
AKM	Grundig	ON Semi	Toshiba
Altera	HOLTEK	Other	Winbond
Amic	Hynix	PCT	Xicor
Atmel	I2C	Philips	xUSSR
BOSCH	ITT	Pioneer	YMC
Catalyst	KHIC	PMC	Spansion
Chingis	Macronix	Ramtron	SPI
Dallas/Maxim	MicroChip	Rohm	NEC
EON	Micron	Samsung	NSC
ESMT	MicroWire	Seiko	Ford
EXEL	Mitsubishi	Siemens	Fujitsu
Fairchild	Motorola	Sony	

LAUNCH INDIA

Create-Change

Function Device	X-PROG 3 Car Immobilizer Programmer
Read/write EEPROM	Supported
Read/write MCU	Supported
Mercedes-Benz keys	Supported
Key simulator	Supported
VW Fourth-generation Dump Mode All Keys Lost	Supported
Read engine in BENCH mode	Supported
Read engine in Boot mode	Supported
VW Fourth-generation Enumeration All Keys Lost	Supported
Read gearbox data	Supported
Read/write keys	Supported
Read BMW engine ISN code	Supported
Read/write BMW CAS4+ and FEM chips	Supported
Read/write Audi fifth-generation steering column chips	Supported

The Appendix-Wire Display

Volkswagen anti-theft Copier diagnosis main line (Main Diagnostic cable)	
DBScar,OBD I Adaptor BOX(Adapter Cable)	

LAUNCH INDIA
Create-Change

MCU flying lead(MCU Cable V1)	
Four generations of all lost mining data lines(INS Cable V2)	
The fourth-generation meter does not need to remove the EEPROM and all the lines are lost(INS Cable V1)	
BENCH mode line (BS Cable1)	

Contact

LAUNCH INDIA

Vijay Bhaskar
E-mail: sales@launchindia.in
Website: www.launchindia.in
Mobile: 9393656544