

## X-431 IMMO PRO

**PROFESSIONAL QUALITY DIAGNOSTIC TOOL COMBINING PROGRAMMING AND CLONING FUNCTIONS AND KEY REPLACEMENT AND PROGRAMMING**



Launch's most popular and highly acclaimed X-431 PRO diagnostic machine enhanced with the X-PROG cloning and programming device, and IMMO software

Special functions expanded by the IMMO software to include functions for programming and cloning keys and control units.

Ideal for the All-Car Workshop, which provides advanced services like programming and cloning Control Units and Key services including Immobilizer programming, "All Keys Lost" etc.

Complete range of Service and Maintenance functions (39)

Super High-Speed Processor

Guided Functions help to perform complicated functions and repairs

Remote Assistance

|                  |                  |
|------------------|------------------|
| <b>Storage</b>   | <b>64 GB</b>     |
| <b>Memory</b>    | 4 GB             |
| <b>Processor</b> | 2 GHz Octa-Core  |
| <b>OS</b>        | Android 7.1      |
| <b>Battery</b>   | 9360mAh, Lithium |

### COVERAGE



Passenger Cars



Light Duty



Medium Duty

# 39 SERVICE FUNCTIONS



## General Description

The Launch X-431 IMMO PRO is the popular X-431 PRO device which has been enhanced by the addition of the IMMO software and the XPROG 3. These added functions enable the Technician to not only perform the day to day diagnostic functions, but also to perform such functions as Immobilizer and Key programming and cloning of ECU's, TCM's, and EEPROMS.

It is equipped with the latest communication protocols – CANBUS, CAN-FD and DOIP, (which requires an extra DOIP cable).

1 year manufacturer's warranty.

It comes with a permanent software license and 3 year software update subscription.

It is a fully equipped OEM-level bi-directional control, reading and clearing fault codes, live data and activations, and more special and maintenance functions than any comparable tool on the market.

## Some more features:

- Full functional coverage on thousands of systems on all models with bi-directional control (Engine, Transmission, Airbags, Immobilizer, Suspension, Aircon etc. etc.);
- More cars and models than any other device on the market, including America, Brazil, Europe, Asia, Malaysia and Thailand, India, China, Japan, Australia and South Africa over 110 brands;
- OEM level diagnostics, including start-up, calibrations, pairing, etc.;
- Professional quality reporting via internet;
- Real-time voltage display;
- 1 year manufacturer's warranty;
- More than 38 resetting and service and maintenance functions shortcuts which allows for speedy performance of certain service and maintenance functions, such as brake bleeding and replacement, service resets, Injector Coding, Battery Matching, Gearbox re-learning, etc. etc.;
- Supports 170+ Bosch systems, 10+ Siemens ECU and more than 18 gearbox Bench mode clones;
- Key matching/copying;
- Anti-theft module replacement;
- Anti-Theft password reading;
- 3 Year free software update subscription off the internet (one touch operation). Available for the entire period at any time. Customers may download new software at their convenience and as often as they like directly onto the device by the touch of an icon. The process is handled automatically;
- Additional Software for Motor Cycles, Electric Vehicles, etc. available off the Launch Mall directly from the device;
- Expansion modules:- Automotive Oscilloscope (20MHz), Sensor simulator, Bore-scope with video function and light, TS Gun, Battery Tester, and ADAS;
- Automatic VIN Identification makes vehicle selection much, much easier;
- Guided functions on VW and AUDI (over 30 000), BMW, MB, Renault, Land Rover +.

## EXPANSION MODULES



**O2-2  
Scopebox**



**TPMS  
Sensor programmer**



**Video  
Scope**



**BST360  
Battery Tester**



**ADAS  
Calibration**



**EM101N**



**ES200**



**EG100**



**X-431  
Key Programmer**