

## LAUNCH X431 PROS V+ 5.0 Elite

# LAUNCH X431 PROS V+ 5.0 User Manual

Bidirectional Scan Tool with DBSCar VII Connector

## 1. INTRODUCTION

The LAUNCH X431 PROS V+ 5.0 is an advanced automotive diagnostic scan tool designed for professional technicians and enthusiasts. It provides comprehensive system diagnostics, a wide array of service functions, and powerful bidirectional control capabilities. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your device.



Figure 1: LAUNCH X431 PROS V+ 5.0 Scan Tool and DBSCar VII Connector.

## 2. GETTING STARTED

### 2.1. Unboxing and Contents

Carefully unpack your LAUNCH X431 PROS V+ 5.0. Verify that all components listed below are present:

- 1x X431 PROS V+ 5.0 Host Tablet
- 1x DBSCar VII+ Bluetooth Adapter (VCI)
- 1x Diagnostic Cable
- 1x Type-A to Type-C USB Cable
- 1x PIN Envelope
- 1x Storage Case
- 1x CLIPPER
- 1x FUSE

- 1x Cigarette Lighter Line
- 1x Power Cable with Double Clamp
- Quick Start Guide
- User Manual (this document)

## GREAT COMBINATION FOR EXPANDED FEATURES



LAUNCH-AFTERSALES@OUTLOOK.COM

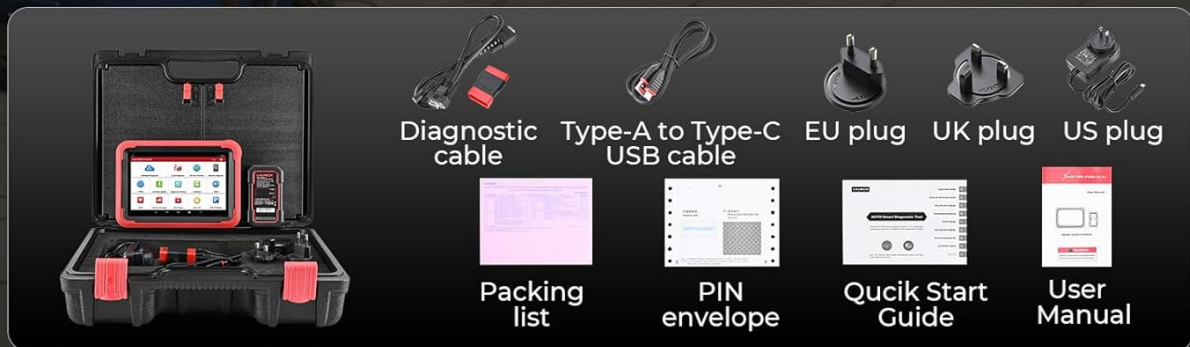


Figure 2: Included components and accessories for the X431 PROS V+ 5.0.

## 2.2. Initial Setup

1. **Power On:** Press and hold the power button on the tablet until the LAUNCH logo appears.
2. **Language Selection:** Follow the on-screen prompts to select your preferred language. The device supports 25 languages.
3. **Wi-Fi Connection:** Connect the tablet to a stable Wi-Fi network. This is essential for software updates and online functions. The device supports 2.4GHz and 5GHz dual-frequency Wi-Fi.
4. **Registration:** Register your device using the provided PIN envelope. Ensure the serial number and registration code are entered correctly.
5. **Software Update:** After successful registration, navigate to the "Software Update" section to download and

install the latest diagnostic software. Regular updates ensure optimal performance and vehicle coverage.

## 3. OPERATING THE SCAN TOOL

### 3.1. Connecting to a Vehicle

To begin diagnostics, connect the DBSCar VII+ VCI connector to the vehicle's OBD-II port. The VCI connector features indicator lights for intuitive user feedback. Then, establish a Bluetooth connection between the tablet and the VCI.

### 3.2. Diagnostic Functions

The X431 PROS V+ 5.0 offers a wide range of diagnostic capabilities:

- **Full System Diagnostics:** Scan all accessible electronic control units (ECUs) to read and clear fault codes, view live data streams, and retrieve vehicle information.
- **Intelligent Diagnose:** Utilizes advanced algorithms for quick and accurate fault identification.
- **Local Diagnose:** Standard diagnostic mode for specific vehicle systems.
- **Remote Diagnose:** Allows for remote technical support and diagnosis of tricky problems.



# ALL SYSTEM DIAGNOSTIC



## 37+ RESET FUNCTIONS

- TEC Learn
- Cylinder
- More...



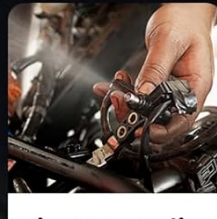
Throttle



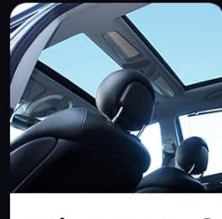
TPMS



Oil Reset



Injector Coding



Win Dr. Roof



BMS



Headlamps



More...

Figure 3: Overview of All System Diagnostic and Reset Functions.

### 3.3. Special Functions and Resets

The tool supports over 38 common reset and service functions, accessible via the "Service Function" menu or through specific vehicle brand menus:

- Oil Reset
- ABS Bleeding
- SAS (Steering Angle Sensor) Reset
- TPMS (Tire Pressure Monitoring System) Reset
- BMS (Battery Management System) Reset
- ETS (Electronic Throttle System) Reset
- Injector Coding
- EPB (Electronic Parking Brake) Reset
- Gear Learning
- Sunroof Reset

- Suspension Reset
- Nox Sensor Reset
- And many more, including specific functions for Benz (e.g., AdBlue reset, engine unlock after collision, ABS driving test cancel) and BMW (e.g., modification, flash hidden functions).

### 3.4. Bi-Directional Control (Active Test)

This function allows you to send commands to vehicle systems and components to test their working status directly from the scan tool, without using the vehicle's controls. Examples include:

- Turning on the radiator fan
- Modulating the throttle
- Opening/closing windows
- Operating mirrors
- Injector Buz Test
- Turning on interior & exterior lights
- Sounding the horn
- Testing door lock actuators



Figure 4: Illustration of Online Coding and Bi-Directional Active Test functions.

### 3.5. ECU Online Coding & Component Matching

The tool supports advanced ECU coding functions, allowing for component matching, coding VIN into replacement PCMs, writing VIN to new ECUs, recoding replacement parts, and coding transmission quick relearn procedures. This enables dealership-level relearn procedures to complete repairs.

### 3.6. CANFD Protocol Support

The 2025 version of X431 PROS V+ 5.0 includes a CANFD connector, enabling diagnosis of a wider range of newer vehicle models (up to model year 2025) that utilize advanced CANFD protocols. This ensures compatibility with the latest automotive technologies.

### 3.7. FCA AutoAuth & VAG Guided Function

The device supports AutoAuth for FCA SGW (Security Gateway) vehicles, allowing access to diagnostic functions on protected Fiat Chrysler Automobiles. It also includes VAG Guided Functions for streamlined diagnostics on Volkswagen Audi Group vehicles.



## **4. MAINTENANCE**

### **4.1. General Care and Cleaning**

Keep the tablet and VCI connector clean and free from dust and debris. Use a soft, dry cloth for cleaning. Avoid using abrasive cleaners or solvents. The device is designed to be drop-resistant, but proper handling is always recommended.

### **4.2. Battery Maintenance**

The tablet is equipped with a 6300mAh battery. For optimal battery life, avoid fully discharging the battery frequently. Charge the device using the provided power adapter. If the device will not be used for an extended period, charge it to approximately 50% before storage.

### **4.3. Software Updates**

Regularly check for and install software updates. LAUNCH provides 2 years of free software updates. Updates often include new vehicle models, bug fixes, and improved functionalities. Connect to Wi-Fi and navigate to the "Software Update" section on the tablet to perform updates.



# GLOBAL VERSION. NO IP LIMITATION



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8,0  
Megapixel



Android 10.0

ROM

4GB+64GB  
(expandable)



6300mAh



2.4Ghz/  
5Ghz Wi-Fi

- **One-Touch Online Update**
- **2 Years Free Software Upgrade**

- **5 Years Product Assurance**
- **25 Languages Support**

Figure 5: Key features of the Global Version, including One-Touch Online Update.

## 5. TROUBLESHOOTING

### 5.1. Common Issues

- **Registration Failure:** Ensure the serial number and registration code are correctly entered. Verify that the device has a stable internet connection. If issues persist, contact customer support with your device's serial number.
- **Communication Error with Vehicle ECU:** Check if the diagnostic connector is correctly and securely connected to the vehicle's OBD-II port. Confirm that the vehicle's ignition switch is in the ON position. If the problem continues, provide the vehicle's year, make, model, and VIN to customer support for assistance.
- **Auto VIN Reading Issues:** While the device features 8XFAST AUTO VIN technology, some older or specific vehicle models may require manual VIN entry or selection of vehicle details for diagnosis.

### 5.2. Customer Support

For further assistance, technical support, or warranty inquiries, please refer to the contact information provided in your Quick Start Guide or visit the official LAUNCH website. The product comes with 5 years of product assurance.

## 6. SPECIFICATIONS

Feature	Specification
Model	X431 PROS V+ 5.0 Elite
Operating System	Android 10.0
Display Resolution	1280x800
Camera	8.0 MP Rear Camera
Processor	2.0 GHz Quad-core CPU
Memory	4GB RAM + 64GB Storage (expandable)
Battery	6300mAh (15+ hours work)
Wi-Fi	2.4GHz & 5GHz Dual-Frequency
Dimensions (Product)	17.32 x 7.09 x 14.57 inches
Item Weight	10.18 pounds
Automotive Fit Type	Universal Fit

## 7. PRODUCT VIDEOS

No official product videos from the seller are available for embedding at this time. Please refer to the product page for any available customer-uploaded videos or additional media.



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### Related Documents - X431 PROS V+ 5.0 Elite

