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LAUNCH LAUNCH PRO3S+ ELITE SMARTLINKC

LAUNCH X431 PRO3S+ Elite Diagnostic Scan Tool User Manual

Model: LAUNCH PRO3S+ ELITE SMARTLINKC

1. INTRODUCTION

The LAUNCH X431 PRO3S+ Elite is an advanced, all-in-one bidirectional scan tool designed for comprehensive vehicle diagnostics and maintenance. Featuring the SmartLinkC V2.0 communication interface, it supports a wide range of protocols including J2534, CANFD, DoIP, D-PDU, and FCA. This device offers OE-level full system diagnostics, intelligent topology mapping, over 60 service functions, and extensive vehicle coverage, making it an essential tool for professional mechanics and serious DIY enthusiasts.



Figure 1.1: LAUNCH X431 PRO3S+ Elite highlighting key features like Topology Mapping, J2534 Protocols, and 3000+ Active Tests.

2. SETUP AND INITIAL CONFIGURATION

2.1 Package Contents

Before starting, verify all items are present in the package:

- X431 PRO3S+ ELITE Display Tablet
- SmartLink C V2.0 Communication Interface
- Carrying Case
- HD15F to OBDII 16 Connector
- DB15F to HD15F Cable
- UK/EU/US Power Plugs
- Network Cable
- Type A - Type B USB Cable
- Type A - Type C USB Cable
- User Manual
- PIN Envelope (for software activation)
- Quick Start Guide
- Non-16 Pin Adapter Box containing: BENZ-38, BMW-20, HONDA-3, TOYOTA-17, GM/VAZ-12, TOYOTA-22, CHRYSLER-6, KIA-20, BENZ-14, FORD 6+1, NISSAN14+16, MITSUBISHI/HYUNDAI-12+16 connectors
- Power Cable Clips
- Fuses

Video 2.1: Unboxing the LAUNCH X431 PRO3S+ ELITE SMARTLINKC and reviewing its contents.



Figure 2.1: The LAUNCH X431 PRO3S+ Elite Display Tablet and the SmartLink C V2.0 communication interface.



Figure 2.2: Rear view of the tablet showing the kickstand and the SmartLink C V2.0 module.

2.2 Powering On and Initial Setup

1. Press and hold the power button on the tablet to turn it on.
2. Follow the on-screen prompts to select your language, time zone, and connect to a Wi-Fi network.
3. Register your device using the serial number and activation code found in the PIN envelope.
4. Perform a system update to ensure all software and diagnostic applications are up to date.

Video 2.2: A detailed guide on how to use the LAUNCH X431 PRO3S+ ELITE, including initial setup steps.

3. OPERATING INSTRUCTIONS

3.1 Connecting to the Vehicle

1. Locate the vehicle's OBD-II port (usually under the dashboard).
2. Connect the SmartLink C V2.0 to the vehicle's OBD-II port using the appropriate connector (OBDII 16-pin or a specific non-16 pin adapter).
3. Ensure the SmartLink C V2.0 is powered on (it typically draws power from the vehicle's OBD-II port).
4. On the X431 PRO3S+ Elite tablet, select 'Local Diagnose' or 'Intelligent Diagnose' to establish communication with the vehicle.

COVER 99.99% OF GLOBAL VEHICLES

CANFD
& DOIP

FCA
SGW(AutoAuth)

200+
BRANDS

1974-2026
COVERAGE

NO IP
RESTRICTIONS

American

For Ford For Lincoln For GM For Buick
For Jeep For Cadillac For Chevrolet
For Chrysler For Dodge ...

European

For BENZ For AUDI For LANDROVER
For RENAULT For PORSCHE For PEUGEOT
For SKODA For SEAT For SAAB For OPEL
For VOLVO For VW For SMART ...

Asian

For Acura For Daewoo For Holden
For Honda For Hyundai For Isuzu For Kia
For Lexus For Mazda For Mitsubishi For Byd
For Nissan For Subaru For Suzuki ...

Australia

For AUST FORD For AUST HOLDEN

India

For TATA For MARUTI For MAHINDRA
For INDIA HM

Brazil

For FIAT For GM

2-Year Update

7/24/365 Online Support

90-Day Return & Replace

100% Customer Service

25+

English

French

Spanish

German

Russian

Korean

Japanese

Portuguese

More...

Figure 3.1: The LAUNCH X431 PRO3S+ Elite supports a wide range of vehicle makes and models, including HD Trucks and New Energy Vehicles.

3.2 Diagnostic Functions

The device offers a comprehensive suite of diagnostic capabilities:

- **Intelligent Diagnosis:** Automatically identifies vehicle VIN, reads all system fault codes, and provides a health report.
- **Topology Mapping:** Visually displays the vehicle's system network, showing the status of each control unit (normal, abnormal, scanned, not equipped) for quick identification of issues.
- **Read & Clear Codes:** Access and clear Diagnostic Trouble Codes (DTCs) from all available vehicle systems (Engine, ABS, SRS, Transmission, etc.).
- **Live Data Stream:** View real-time data parameters in various formats (text, graph, analog) to monitor vehicle performance and pinpoint intermittent issues.
- **Active Test / Bi-directional Control:** Send commands to vehicle components to test their functionality (e.g., activate cooling fan, open/close windows, test fuel pump).
- **Special Functions (60+):** Perform various maintenance and service functions such as Oil Reset, ABS Brake Bleed, EPB Reset, SAS Calibration, BMS Reset, Injector Reset, Throttle Adaptation, and more.
- **ECU Coding:** Match component control modules, customize OE settings, perform adaptive data setting, and activate advanced functions.

- **J2534 Programming:** Utilize the SmartLinkC V2.0 as a J2534 PassThru device for OEM diagnostic software to perform ECU programming and reprogramming.

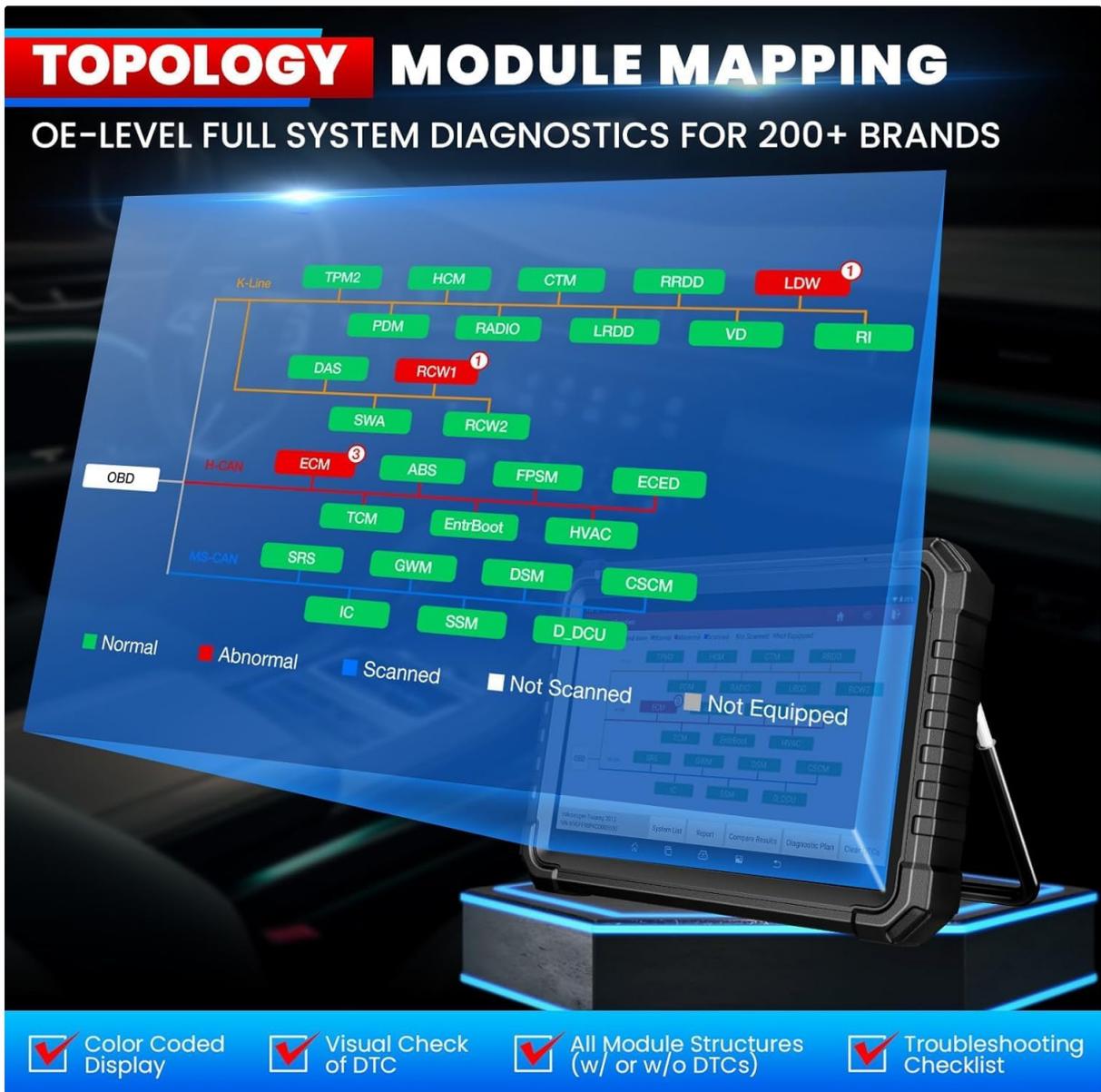


Figure 3.2: Intelligent Topology Mapping provides a visual overview of vehicle systems and their status.

BI-DIRECTIONAL CONTROL (ACTIVE TEST)

Temperature Sensor Test

Cooling Fan Activation

Acceleration Device Test

Active Suspension Actuation

TPMS **SRS** **ABS** **SAS** **ENG** **BMS** **More ...**

OE-LEVEL ALL SYSTEM DIAGNOSTICS

- ✓ Auto VIN & Auto Scan
- ✓ Read & Clear Codes
- ✓ View Live Data Stream
- ✓ Read Freeze Frame
- ✓ Read ECU Information

Figure 3.3: Demonstrates Bi-Directional Control (Active Test) capabilities and OE-Level All System Diagnostics.

60+ Hot Service Function

Fixing 99% of vehicle-related issues in market



Figure 3.4: A selection of over 60 hot service functions, including Oil Reset, ABS Bleeding, and EPB Reset.

3.3 Remote Diagnosis

The SmartLink C V2.0 supports remote diagnosis, allowing you to connect with other professionals or receive remote assistance for complex issues.

4. MAINTENANCE

4.1 Software Updates

Your LAUNCH X431 PRO3S+ Elite includes 2 years of free software updates. Regularly check for and install updates to ensure optimal performance and access to the latest vehicle models and functions. Connect the tablet to a stable Wi-Fi network and navigate to the 'Software Update' section in the main menu.

Video 4.1: This video confirms the authenticity of LAUNCH products and highlights the importance of software updates.

4.2 Device Care

- Keep the tablet and SmartLink C V2.0 clean and free from dust and debris.
- Store the device in its carrying case when not in use to prevent damage.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Charge the tablet regularly to maintain battery health.

5. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged or connect the device to a power source.
- **Communication error with vehicle:** Verify the SmartLink C V2.0 is securely connected to the OBD-II port and the correct adapter is used. Check vehicle ignition status.
- **Software update issues:** Ensure a stable Wi-Fi connection. If registration issues occur, contact customer service for assistance.
- **Product already registered:** If prompted that the product has already been registered during initial setup, contact customer service for a replacement service or to clear the registered information.

6. SPECIFICATIONS

Feature	Specification
Brand	LAUNCH
Model	X-431 PRO3(PRO3S + ELITE) / LAUNCH PRO3S+ ELITE SMARTLINKC
Operating System	Android 10.0
CPU	4-Core Processor, 2.0 GHz
Connectivity	2.4GHz/5GHz Wi-Fi
Battery Capacity	6300mAh/7.6V
Screen Size	10.1 Inches Touchscreen
Camera	8MP
Storage Memory	4GB RAM + 64GB ROM
Supported Protocols	J2534, CANFD/DoIP/D-PDU/FCA
Supported Languages	25+ Software Languages (e.g., EN, DE, FR, SP, JP)
Product Dimensions	7"L x 14"W x 17.3"H
Item Weight	15 pounds
Automotive Fit Type	Universal Fit

7. WARRANTY AND SUPPORT

The LAUNCH X431 PRO3S+ Elite comes with a commitment to customer satisfaction:

- **Software Updates:** Enjoy 2 years of free software updates to keep your device current with the latest vehicle models and diagnostic functions.
- **Return Policy:** A 90-day return and replacement policy is available.
- **Customer Service:** LAUNCH provides 100% customer service and online support (7/24/365).

For any questions or assistance, please refer to the contact information provided in the product documentation or on the official LAUNCH website.