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> [Launch X-431 Key Programmer and Remote Key Set User Manual for X431 IMMO Diagnostic Tools](#)

LAUNCH YZH08

Launch X-431 Key Programmer and Remote Key Set User Manual

Model: YZH08

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of the Launch X-431 Key Programmer and its accompanying remote key set. This device is designed to be used in conjunction with Launch X431 IMMO diagnostic tablets to facilitate vehicle key programming, transponder identification, and remote key generation. Please read this manual thoroughly before operation to ensure correct usage and to prevent damage to the device or vehicle systems.

2. PRODUCT OVERVIEW

2.1 Components

The Launch X-431 Key Programmer set includes the following items:

- Launch X-431 Key Programmer Unit
- USB to Type-C Cable
- LS Nissan Smart Card Remote Key (4-button) - 01
- LN Peugeot DS Folding Remote Key (3-button) - 01
- LE Volkswagen Super Remote Key (3-button folding) - 01
- LE Ford Super Remote Key (4-button folding) - 01
- Super Chip (for transponder conversion)



Figure 2.1: Contents of the Launch X-431 Key Programmer package, showing the programmer unit, cables, and four types of remote keys.

2.2 Key Features

The Launch X-431 Key Programmer offers the following functionalities:

- **Transponder Simulation:** Supports simulation of multiple immobilizer transponders, including 8A/4D/4A/46/47/48/49/MQB48/MQB49, 11/12/13/7936/7937/7946/7947, etc.
- **Reprogrammable Proxy Key:** Allows for reprogramming of proxy keys.
- **Smart Key Replacement:** Facilitates smart key replacement procedures.
- **Wireless Programming Support:** Enables wireless programming capabilities.
- **Extensive Vehicle Coverage:** Supports over 2000+ vehicle models.
- **Reprogrammable Normal Remote:** Capable of reprogramming standard remote keys.
- **Built-in Cloneable Transponder:** Features an integrated cloneable transponder.
- **Original NXP Immobilizer Transponder:** Utilizes original NXP immobilizer transponder technology.

LAUNCH

X-431 Key Programmer

PRODUCT FEATURES



- ✓ Supports simulation of multiple immobilizer transponders including 8A/4D/4A/46/47/48 /49/MQB48/MQB49
- ✓ Support simulation of multiple immobilizer transponders including 11/12/13/7936/7937 /7946/7947, etc
- ✓ Reprogrammable proxykey
- ✓ Supports smart key replacement
- ✓ Supports wireless programming
- ✓ Programming cable required
- ✓ Supports over 2000+ vehicle models
- ✓ Reprogrammable normal remote
- ✓ No builtin transponder
- ✓ Builtin cloneable transponder
- ✓ Original NXP immobilizer transponder

Figure 2.2: Visual representation of the key features supported by the Launch X-431 Key Programmer.

2.3 Compatibility

The Launch X-431 Key Programmer is designed to work seamlessly with various Launch X431 IMMO diagnostic tablets. Compatible models include:

- X431 IMMO PLUS
- X431 IMMO ELITE
- X431 IMMO PRO
- X431 IMMO PAD

Additional models may become compatible in the future.



Figure 2.3: The Launch X-431 Key Programmer shown with compatible Launch X431 IMMO diagnostic tablets.

3. SETUP

3.1 Connecting the Key Programmer

1. Ensure your Launch X431 IMMO diagnostic tablet is powered on and updated to the latest software version.
2. Connect one end of the provided USB to Type-C cable to the Launch X-431 Key Programmer unit.
3. Connect the other end of the USB to Type-C cable to the appropriate USB port on your Launch X431 IMMO diagnostic tablet.
4. The diagnostic tablet should automatically detect the Key Programmer. Follow any on-screen prompts for initial setup or driver installation if necessary.

3.2 Preparing Remote Keys

The included remote keys are designed for specific vehicle types and functionalities:

- **LS4-NISN-01 (Nissan Smart Card):** Compatible with vehicles equipped with Kessy systems, supporting keyless starting and door edge sensing. Requires a CR2032 button cell battery.
- **LN3-PUGOT-01 (Peugeot DS Folding Key):** For car models with electronic chip keys or chips 11/12/13/7936/7937/7947/7946. Requires a CR2032 button cell battery.
- **LE-VOLWG-01 (Volkswagen Super Remote):** For car models without electronic chip keys or with chips 46, 48, 4D/70, 83, 8A/H, G, 4E, 11/12/13/4C, 42, 33, 47, 8C, 8C. Requires a CR2032 button cell battery.
- **LE4-FRD-01 (Ford Super Remote):** Similar to LE-VOLWG-01, for car models without anti-theft chip or with specific chip types. Requires a CR2032 button cell battery.

Ensure the correct remote key is selected for the target vehicle and that it has a functional battery installed before proceeding with programming.

UNIVERSAL REMOTE KEYS

LS4-NISN-01	USAGE SCENARIO <i>LS intelligent key is only compatible with vehicle models equipped with the Kessy system, its functions include keyless starting and door edge sensing.</i>	LN3-PUGOT-01	USAGE SCENARIO <i>Certain chips in LN remote can't generate all vehicle models, it's needed to check whether the type of chip can support the vehicle model, the chip is integrated into the remote.</i>
	FUNCTIONS <ol style="list-style-type: none"> 1. Wireless programming 2. Equipped with anti-theft chip 3. Uses the button cell 2032 4. Circuit board with a 2-year warranty 5. Repeatable writing 6. Batteries need to be installed while generating 7. Supports vehicles with 46, 47, MQB48, MQB49, 4A chips 		FUNCTIONS <ol style="list-style-type: none"> 1. Wireless programming 2. Equipped with anti-theft chip 3. Uses the button cell 2032 4. Circuit board with a 2-year warranty 5. Repeatable writing 6. Batteries need to be installed while generating 7. Supports vehicles with 11, 12, 13, 7936, 7937, 7947, 7946 chips
LE-VOLWG-01	USAGE SCENARIO <i>LE remote contains chip and remote, the multimode chip can generate most of the vehicle models and cover the majority of them.</i>	LE4-FRD-01	USAGE SCENARIO <i>LE remote contains chip and remote, the multimode chip can generate most of the vehicle models and cover the majority of them.</i>
	FUNCTIONS <ol style="list-style-type: none"> 1. Wireless programming 2. Equipped with multimode chip 3. Uses a button cell 2032 4. Circuit board with a 2-year warranty 5. Repeatable writing 6. Batteries need to be installed while generating 		FUNCTIONS <ol style="list-style-type: none"> 1. Wireless programming 2. Equipped with a multimode chip 3. Uses a button cell 2032 4. Circuit board with a 2-year warranty 5. Repeatable writing 6. Batteries need to be installed while generating

SUPER CHIP

	USAGE SCENARIO <i>Compatible with chips of most car models for conversion. It can also be matched for vehicle starting.</i>	FUNCTIONS <i>Supports 8A, 8C, 8E, 4C, 4D, 4E, 48, 7935, 7936, 7938, 7939, 11/12/13.</i>
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Figure 3.1: Overview of the universal remote keys included in the set, detailing their usage scenarios and functions.

4. OPERATING INSTRUCTIONS

The Launch X-431 Key Programmer operates through the interface of your connected Launch X431 IMMO diagnostic tablet. The following steps outline general procedures; specific menu navigation may vary slightly depending on your tablet's software version.

4.1 Identifying Chip Keys and Remote Frequencies

1. From the main menu of your X431 IMMO tablet, navigate to the 'IMMO' or 'Key Programming' function.
2. Select the option for 'Identify Key' or 'Read Transponder'.
3. Place the vehicle's existing key or the new remote key into the designated slot on the Launch X-431 Key Programmer.
4. The tablet will display information about the key's chip type and remote frequency.

4.2 Generating Chip Models with Super Chip

The Super Chip supports conversion for most car model chip types, enabling separate adaptation for vehicle startup.

1. Within the key programming software, select the 'Generate Chip' or 'Transponder Generation' function.
2. Choose the desired chip type from the available options (e.g., 8A, 8C, 8E, 4C, 4D, 4E, 48, 7935, 7936, 7938, 7939, 11/12/13).
3. Place the Super Chip into the programmer's slot.
4. Follow the on-screen instructions to generate the required chip model onto the Super Chip.

4.3 Programming Remote Keys

To program the included remote keys or other compatible keys:

1. Select the 'Remote Key Programming' or 'Key Matching' function on your X431 IMMO tablet.
2. Choose the vehicle make, model, and year.
3. Select the type of key to be programmed (e.g., LS Nissan, LN Peugeot DS, LE Ford, LE Volkswagen).
4. Place the new remote key into the programmer's slot or follow the on-screen instructions for vehicle-specific procedures (e.g., inserting key into ignition, pressing buttons).
5. Follow all prompts on the diagnostic tablet to complete the programming process. This may involve reading immobilizer data, writing key data, and performing synchronization steps.
6. After successful programming, test the new key's functions (lock, unlock, engine start) to ensure proper operation.



Figure 4.1: The Launch X-431 Key Programmer unit, the Super Chip, and the four types of remote keys ready for programming.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Launch X-431 Key Programmer, adhere to the following maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the device and its components in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Care:** Handle the USB to Type-C cable carefully. Avoid bending or twisting it excessively, which can damage internal wires.
- **Software Updates:** Regularly check for and install software updates for your Launch X431 IMMO diagnostic tablet. These updates often include improvements for key programming functions and expanded vehicle coverage.
- **Battery Replacement (Remote Keys):** Replace the CR2032 button cell batteries in the remote keys as needed to ensure reliable operation.

6. TROUBLESHOOTING

This section addresses common issues you might encounter while using the Launch X-431 Key Programmer.

Issue	Possible Cause	Solution
Key Programmer not detected by X431 IMMO tablet.	Loose cable connection, damaged cable, outdated tablet software.	Ensure the USB to Type-C cable is securely connected at both ends. Try a different USB port or cable. Update the X431 IMMO tablet software. Restart both devices.
Remote key programming fails.	Incorrect key type selected, low battery in remote key, vehicle not in programming mode, software incompatibility.	Verify the correct remote key type is selected for the vehicle. Replace the remote key battery. Ensure the vehicle is correctly prepared for programming according to its service manual. Confirm your X431 IMMO tablet software is compatible with the specific vehicle and key.
Cannot identify transponder chip.	Key not placed correctly in programmer, damaged transponder, unsupported chip type.	Ensure the key is fully and correctly inserted into the programmer's slot. Try another key if available. Verify the chip type is supported by the Launch X-431 Key Programmer.
Device becomes unresponsive.	Temporary software glitch, power issue.	Disconnect the Key Programmer from the tablet, restart the tablet, then reconnect the programmer.

7. SPECIFICATIONS

Specification	Detail
Brand	LAUNCH
Model Number	YZH08
Item Weight	310 grams
Product Dimensions (L x W x H)	30 x 4 x 25 cm
Power Source	Battery Powered (via connected diagnostic tablet)
UPC	884508007712
Supported Transponder Types	8A, 8C, 8E, 4C, 4D, 4E, 48, 7935, 7936, 7938, 7939, 11/12/13, etc.
Supported Remote Key Types	LS series (Nissan), LN series (Peugeot DS), LE series (Ford), LK series (Volkswagen)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided with your Launch X431 IMMO diagnostic tablet or contact LAUNCH customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

You can visit the official LAUNCH website or contact their authorized distributors for assistance. Ensure you have your product model number (YZH08) and serial number ready when contacting support.



Related Documents - YZH08

	<p>Launch GIII X-Prog 3 Advanced Immobilizer & Key Programmer Guide</p> <p>Comprehensive guide to the Launch GIII X-Prog 3, an advanced immobilizer and key programmer for automotive diagnostics and key programming. Covers features, supported brands, systems, chip brands, connection methods, update procedures, specifications, and package contents.</p>
	<p>LAUNCH Creader Professional IMMO User Manual: Automotive Diagnostics & Key Programming Guide</p> <p>Comprehensive user manual for the LAUNCH Creader Professional IMMO diagnostic tool. Learn about vehicle coverage, OBD II diagnostics, Immobilizer (IMMO) functions, system settings, and troubleshooting for efficient automotive maintenance.</p>
	<p>LAUNCH X431 IMMO ELITE FAQs and User Guide</p> <p>Frequently Asked Questions and operational guidance for the LAUNCH X431 IMMO ELITE diagnostic tool, covering registration, updates, features, and troubleshooting.</p>
	<p>LAUNCH Automotive Diagnostic Tools: Comprehensive Product Catalog</p> <p>Explore the full range of LAUNCH automotive diagnostic tools, including advanced scanners like X-431 PAD VII ELITE, X-431 PRO series, CRP series, and specialized tools for key programming, TPMS, and new energy vehicles. Detailed features, specifications, and capabilities.</p>
	<p>LAUNCH X-431 Key Programmer User Manual</p> <p>User manual for the LAUNCH X-431 Key Programmer, detailing its product profile, components, technical parameters, function modules, and operations for generating various car key remotes and chips.</p>

FAQs for LAUNCH CRP919X BT

Q: I connected LAUNCH TSC4 USA but didn't receive support.
A: You can contact us directly via WhatsApp or our Customer Service Team at support@launchusa.com. Please note that our products are original from LAUNCH TSC4 CO., LTD. The headquarters of LAUNCH M&A LAUNCH TSC4 USA is a branch in the USA, we are competent and they do not provide after sales service for products purchased from a third party to reach out to for any assistance.

Q: My CRP919X BT won't charge or turn on.
A: You can try troubleshooting the camera and use the original USB cable for charging.
Press the power and volume "+" buttons simultaneously until the label vibrates, entering "Fast Mode".
Select the Recovery mode that matches the volume buttons, confirm with the power button.
Change "New installation" and if the "New install" partition is confirmed each step with "Yes".
Afterwards power off and the camera is power on the device.

Q: How do I register the CRP919X BT?
A: To register, select "New Registration" follow the steps to create an account, and select the M30, use the password envelope included in the package.

[LAUNCH CRP919X BT: FAQs, Troubleshooting, and Support](#)

Comprehensive FAQs for the LAUNCH CRP919X BT automotive diagnostic tool. Find answers on setup, software updates, language settings, troubleshooting charging issues, and more.