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Autel US-APB112

Autel APB112 Accessory Tool User Manual

Model: US-APB112

1. Introduction

The Autel APB112 is an accessory tool designed to enhance the capabilities of Autel MaxiIM series diagnostic tablets, including the IM608Pro II, IM608S II, IM608 II, IM508S II, and XP400 PRO. This device is primarily used for key programming and immobilizer functions, specifically supporting various vehicle brands such as Toyota, Lexus, Hyundai, and Kia. It operates by connecting directly to the main diagnostic tool and does not require external power or batteries.

This manual provides essential information regarding the setup, operation, maintenance, and specifications of your APB112 accessory tool to ensure proper and safe usage.

2. Safety Information

Please read and understand all safety instructions before using the APB112 accessory tool. Failure to follow these instructions may result in damage to the device, the vehicle, or personal injury.

- Use the device only as described in this manual.
- Do not attempt to disassemble, modify, or repair the device. This will void the warranty and may cause damage.
- Keep the device away from water, moisture, and extreme temperatures.
- Handle the device with care to avoid drops or impacts.
- Ensure proper connection to the compatible Autel MaxiIM tool before operation.

3. Package Contents

Verify that all items listed below are present in your package:

- 1 x Autel APB112 Accessory Tool
- 1 x USB Cable
- 1 x Quick Reference Guide
- 1 x Box Package

Figure 3.1: Contents of the Autel APB112 package, showing the APB112 device, a USB cable, and the quick reference guide.

4. Product Overview

The Autel APB112 is a compact device designed for specialized key programming tasks. It features a durable casing and an LED indicator for operational status.

Figure 4.1: Front view of the APB112 device, highlighting the Autel logo and the blue LED indicator at the top.

Figure 4.2: Back view of the APB112 device, displaying the model number (APB112), power rating (5V=0.5A), RoHS compliance, FCC ID (WQB2019APB112), and manufacturing origin.

LED Indicator: A blue LED light is located at the top of the device, indicating its operational status. This light will illuminate when the device is powered on and actively communicating with the main diagnostic tool.

5. Setup

The APB112 is designed for simple plug-and-play operation with compatible Autel MaxiIM diagnostic tools.

1. **Compatibility Check:** Ensure your main diagnostic tool is one of the following compatible models: Autel MaxiIM IM608Pro II, IM608S II, IM608 II, IM508S II, or XP400 PRO.
2. **Connect the USB Cable:** Use the provided USB cable to connect the APB112 accessory tool to an available USB port on your compatible Autel MaxiIM diagnostic tablet.
3. **Power On:** The APB112 is powered directly by the diagnostic tool. Once connected, the blue LED indicator on the APB112 should illuminate, indicating it is receiving power and ready for use. No external power source or batteries are required for the APB112 itself.
4. **Software Recognition:** Your Autel MaxiIM tablet should automatically detect the connected APB112. Follow any on-screen prompts on the diagnostic tablet to confirm the connection and proceed with

operations.

6. Operating Instructions

The APB112 functions as an extension of your Autel MaxiIM diagnostic tool, primarily for advanced key programming and immobilizer tasks. Its operation is integrated within the software interface of the main diagnostic tablet.

1. **Select Function:** On your Autel MaxiIM tablet, navigate to the desired key programming or immobilizer function that requires the APB112.
2. **Follow On-Screen Prompts:** The diagnostic tablet will guide you through the specific steps for the chosen function. This may include reading transponder data, generating keys, or performing other immobilizer-related procedures.
3. **Vehicle-Specific Functions:** Note that the specific functions and vehicle coverage (e.g., Toyota, Lexus, Hyundai, Kia) are dependent on the software version of your main diagnostic tool and the specific vehicle being serviced. Always verify compatibility and available functions before proceeding.
4. **Observe LED Indicator:** The blue LED on the APB112 will indicate active communication during operations. If the LED is off or blinking unexpectedly, check the connection and the status of your main diagnostic tool.

For detailed operational procedures, refer to the user manual of your specific Autel MaxiIM diagnostic tablet and the on-screen instructions provided by the software.

7. Maintenance

The Autel APB112 is a low-maintenance device. Follow these guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or crimping the USB cable excessively. Always grasp the connector when plugging or unplugging to prevent damage to the cable or ports.

8. Troubleshooting

If you encounter issues with your APB112, consider the following troubleshooting steps:

- **Device Not Recognized:**
  - Ensure the USB cable is securely connected to both the APB112 and the Autel MaxiIM tablet.
  - Try connecting the APB112 to a different USB port on the diagnostic tablet, if available.
  - Restart your Autel MaxiIM diagnostic tablet.
  - Verify that your diagnostic tablet's software is up to date.
- **LED Indicator Not On:**
  - Confirm the APB112 is properly connected to the diagnostic tool.
  - Ensure the diagnostic tool itself is powered on and functioning correctly.
- **Function Not Working:**
  - Check the compatibility of the APB112 with the specific vehicle and function you are attempting.

Functions are vehicle-specific.

- Refer to the user manual of your Autel MaxiIM diagnostic tablet for detailed instructions on the specific function.
- Ensure all necessary software updates for your diagnostic tool are installed.

If problems persist, contact Autel technical support for further assistance.

9. Specifications

Feature	Specification
Model	US-APB112
Dimensions (L x W x H)	1.57 x 0.2 x 3.15 inches (40 x 5 x 80 mm)
Item Weight	1.76 ounces (50 grams)
Power Source	Cord Powered (via compatible Autel MaxiIM tool)
Operating Voltage	5V (0.5A)
Compatibility	Autel MaxiIM IM608Pro II, IM608S II, IM608 II, IM508S II, XP400 PRO
Supported Vehicle Brands	Toyota, Lexus, Hyundai, Kia (vehicle-specific functions)
Manufacturer	Autel
UPC	849438083441

10. Warranty and Support

For warranty information, please refer to the warranty policy provided with your main Autel MaxiIM diagnostic tool or visit the official Autel website. The APB112 accessory tool's warranty is typically covered under the terms of the primary diagnostic system it is used with.

For technical support, product inquiries, or service, please contact Autel customer support through their official channels. You can usually find contact information on the Autel website or in the documentation accompanying your main diagnostic tool.

Legal Disclaimer: Functions are vehicle-specific. Always check compatibility and available functions before performing any operations.

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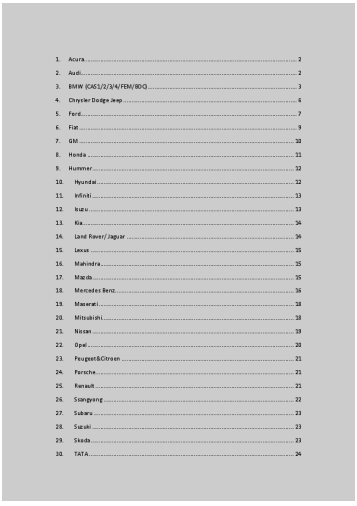
Related Documents - US-APB112

	Autel MaxiIM IMMO & Key Programming Tools: IM608PROKPA, IM608, IM508, XP400PRO, G-Box2, APB112 Explore Autel's MaxiIM series, featuring advanced IMMO and key programming tools like the IM608PROKPA, IM608, IM508, XP400PRO, G-Box2, and APB112. Discover comprehensive vehicle coverage, diagnostic capabilities, and key programming features for automotive professionals.

	[Autel MaxiIM IMMO & Key Programming Tools Catalog | KM100, IM608PROIIKPA, IM508S] Explore Autel's MaxiIM line of advanced IMMO and key programming tools, including KM100, IM608PROIIKPA, IM508S, XP400 PRO, and accessories. Professional automotive key solutions with extensive vehicle coverage and features.
	[Autel MaxiIM IMMO & Key Programming Tools Catalog] Comprehensive catalog detailing Autel MaxiIM series diagnostic tools, including IM608, IM508, XP400, G-Box2, and APB112, for advanced IMMO and key programming solutions.
	[Autel MaxiIM IMMO & Key Programming Solutions] Explore the capabilities of Autel MaxiIM IMMO and Key Programming tools, including the IM608PROKPA, IM608, IM508, XP400PRO, XP400, G-Box2, and APB112. This guide details advanced features, vehicle coverage, and warranty information for professional automotive locksmiths and technicians.
	[Autel MaxiIM IMMO & Key Programming Tools Catalog] Comprehensive catalog detailing the Autel MaxiIM series, including the IM608 and IM508 advanced diagnostic and key programming tools. Features the XP400 programmer, G-Box2, and APB112 accessories, along with warranty and support information.
	[Autel MaxiIM IMMO & Key Programming Tools Catalog] Comprehensive guide to Autel MaxiIM IMMO and Key Programming tools, including KM100, IKEYS, IM608PROIIKPA, IM508S, XP400 PRO, and accessories. Features advanced key functions, diagnostics, and programming capabilities for automotive professionals.

Documents - Autel – US-APB112



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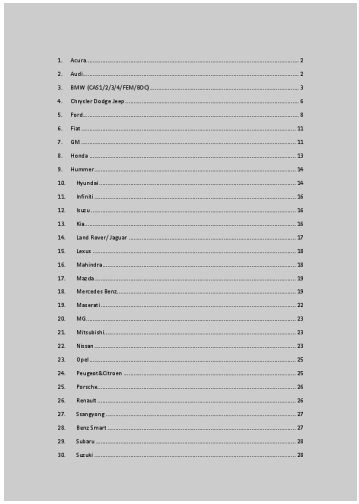

[Autel IM608/IM508 Key Programming Guides: Comprehensive Car Model List]
A detailed guide listing car models and specific key programming procedures using Autel MaxiIM IM608 and IM508 devices, including direct links to instructional YouTube videos for each procedure.
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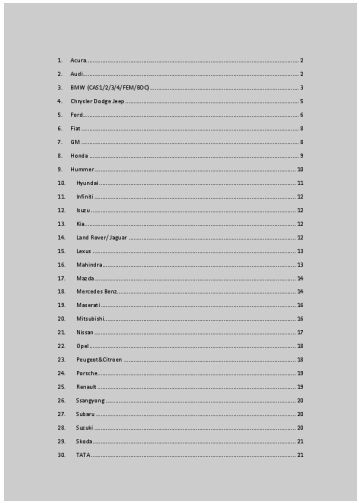

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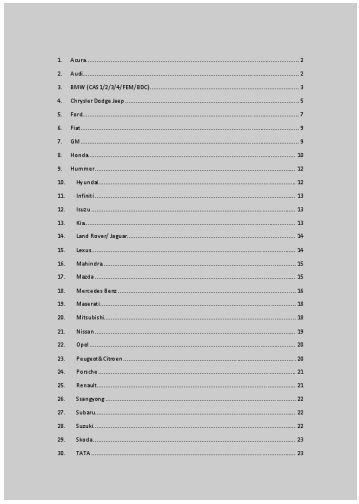

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