

## MaxiIM IM608 PRO

MaxiIM IM608 PRO is the most advanced and unique all in one key programming and diagnostic tool that combines advanced key programming, all systems diagnostics, and advanced services in one Android based 10.1-inch touchscreen tablet. It is equipped with XP400 PRO key programmer and MaxiFlash ECU programmer to provide complete coverage of IMMO and programming functions. IM608 PRO provides you with all special functions to quickly diagnose all modules for the majority of the makes and models on the market. It is the unprecedented key programming and diagnostic tool that you ever wanted.



## MaxiIM IM608 Features:

1. Expert mode for advanced key learning
2. IMMO ECU reset/adaptation, refresh/coding
3. Smart mode for guided and **automated key learning**
4. Extraordinarily powerful Cortex A7+A15 six-core processor
5. 802.11 a/b/g/n/ac Wi-Fi to access your favorite web resources
6. Built-in 8-megapixel rear camera with autofocus and flashlight

7. Internal reliable 64GB On-board Memory for better performance
8. 10.1-inch LED capacitive touch screen with 1920x1200 resolution
9. Read PIN/CS (all key lost), generate key, key learning, remote learning
10. Open source Android Operating System for fast boot-up and multitasking
11. **All special functions**, EPB, DPF, SAS, Oil reset, BMS, TPMS sensor ID relearn, etc.
12. Powerful **OE level** diagnostics for more than 80 US, Asian and European makes and models
13. Complete capabilities for codes, live data, active test, ECU information, adaptation, matching, coding etc.
14. Powerful combination of advanced key programming/all systems diagnostics/advanced maintenance services
15. Read/write transponder data, ECU/MCU/EEPROM data (eg. 9S12 encryption chip), IC card, detect remote frequency
16. **Professional key programming equipped with XP400** key programmer and MaxiFlash ECU programmer for complete Immo coverage.



**MaxiIM IM608**

IMMO ECU Reset/Adaptation

24h Professional Tech Support

Key Programming

Refresh/Coding

30+ Special Functions

All-System Diagnosis

Bi-directional Control

Cover 80+ Car Makes

Smart & Expert Mode

OE-Level Diagnostics

The image displays the Autel MaxiIM IM608 diagnostic tool, a ruggedized tablet with a 10.1-inch screen. The screen shows a home screen with several icons: IMMO, Programmer, Diagnostics, Service, Update, and Settings. The device is shown with two accessories: a blue IMMO ECU Reset/Adaptation module on the left and a blue J2534 ECU Reprogrammer on the right. Below the device are four circular icons representing CPU, Wi-Fi, a tablet, and a SIM card. On the right side, there are ten red callout boxes listing various features and capabilities of the device.

# Functions:

## 1. ADVANCED IMMO & KEY PROGRAMMING

\* **Smart Mode** – for Guided and Automated Key Learning - automatically identify the type of anti-theft system, intelligently combining the matching process. Easy to use. You only need to operate according to the device prompts to perform relevant operations. A novice user can also perform Key Learning.

\* **Expert Mode** – for Advanced Key Learning - meet the needs of professional technicians. It is more powerful for its advanced key learning functions

- 1). PIN / CS Reading (Full Lost)
- 2). Key Generation
- 3). Key Programming
- 4). Command Introduction
- 5). Backup / Repair IMMO Data
- 6). IMMO ECU Brain Reset / Adaptation
- 7). IMMO ECU Brain Reset / Coding
- 8). BENZ 3rd Generation IMMO Key Splicing, Full Lost, Key Programming
- 9). BMW FEM / BDC Key Programming and ECU Adaptation
- 10). BMW CAS4 / 3/2 Key Programming.
- 11). VW / AUDI MQB Key Programming, 48 Transponder (96-bit) Key Splicing, Full Lost, A6 Full Lost and More ...

### SMART MODE

Provides guided functions with step-by-step instructions. Once the test vehicle is identified, a vehicle profile will display, select **Yes** to continue.



### EXPERT MODE

Accesses to a function menu where each function is separate from each other. You can select a specific function, for advanced key learning functions.



# Powerful Combination of Advanced Key Programming

- Read PIN/CS (all key lost)
- Generate key
- key learning
- Remote learning



## THREE TOP-NOTCH FUNCTIONS

The One and the Only, Worth Every Penny



**IMMO**



**Key Programming**



**ECU Coding**

**XP400 Key SWITCH & CHIP PROGRAMMER**

- 1). PC Supported
- 2). MCU / EEPROM Chip Read / Write
- 3). ECU Read / Write
- 4). MC9S12 Encrypted Chip Read / Write
- 5). Key Reading / Writing
- 6). Mercedes Infrared Key Reading / Writing
- 7). Finding the Control Frequency
- 8). IC Card Reading / Writing

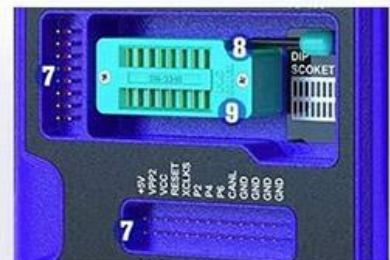
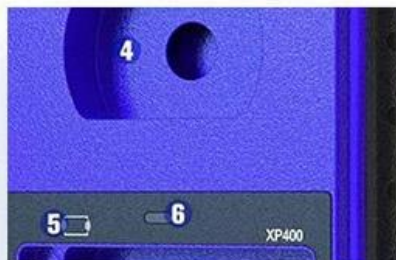


- Read/Write Transponder Data
- Read/Write MC9S12 Encryption Chip
- Read/Write IC Card
- Read/Write ECU/MCU/EEPROM Daata
- Read/Write Mercedes Infrared Key
- Detect Remote Frequency



**XP400 PROGRAMMER**

- ① Remote Control
- ② Transponder slot
- ③ Mercedes Infrared key slot
- ④ Vehicle Key slot
- ⑤ IC Card induction area
- ⑥ Status LED
- ⑦ Cross Signal Pins
- ⑧ EEPROM Locker
- ⑨ Compat transponder slot



## 2. All System Diagnostics - Access to OE-Level Diagnostics

This OE-Level diagnostic tool allows you to perform the same level of analysis, diagnosis and repair as the OEM dealer's tool does, which means, as a professional mechanic, you now have full access to all of the diagnostic information as the same exact tool that of the OEM dealer offers, and the ability to complete reflashing or reprogramming without outsourcing or turning a client away. Also, this access to information will be a substantial improvement for independent repair shops

- 1). All System Diagnostics
- 2). Auto Search / VIN Finding
- 3). Reading / Deleting Error Code
- 4). Viewing the Live Data Stream
- 5). View Records of Failure History
- 6). Store and Data Management Applications
- 7). MaxiFlash JVCI ECU Programmer (Bluetooth / USB Cable)

# ALL SYSTEMS DIAGNOSTICS

**DTC/FFD**  
**I/M Readiness**  
**Live Data**  
**On-Board Monitor**  
**Component Test**  
**Vehicle Info.**  
**Vehicle Status**

**Info & Communication Powertrain System**

**Chassis system**

**Body system**

## **Auto Scan & Auto VIN for Added Convenience**

Adopting the latest VIN-based technology, Autel IM608 comes with Auto VIN feature to acquire the vehicle VIN number automatically and Auto Scan feature can quickly scan all modules present to quickly locate the fault cause at one touch.

The AutoVIN Scan technology of the IM608 enables you to identify CAN vehicles fast and precisely in one touch. With this advanced function, you can easily and quickly retrieve car's information, including the vehicle type, country of origin, engine size, etc. and run diagnostics on selected system.

## **ECU Coding**

The Coding function is used to re-flash the vehicle control modules, it allows you to update the computer software on the vehicle to the latest version, as well as to reprogram adaptive data for certain components after making repairs or replacements, providing ways for the issues of Drivability, Fuel Efficiency, Power Loss, Fault Codes, Durability of Mechanical Parts.

## **Active Test**

The process of sending and retrieving information from a vehicle control module with a device is known as Actuation test or bi-directional control. The main aim of the actuation test function is to request the control module to perform a specific function including system tests, actuator tests, functional tests, inspection tests, reprogramming or reinitialization, thus saving diagnostic time.

Eg: You connect a fuel pressure gauge, cycled the key and cranked the engine but you couldn't figure out anything regarding the fuel pressure. With the actuation test function of this diagnostic tool, you can send a fuel pump command on instruction and see the proper fuel pressure, figuring out if there is a problem with the fuel pump circuit or pump.

## **3. Offer 23 Service Functions at Your Fingertips**

- 1) Oil Reset Service: Turn off the oil light, and reset the service mileage.
- 2) Injector Coding: Write the new code to the ECU after replacement of injector, so that the injector works
- 3) Tire Pressure Monitor System (TPMS) Service: Read TPMS data and point out issues related if there are any.
- 4) Electric Parking Brake (EPB) Service: Remind you to reset the brake pad, especially if you have replaced it.
- 5) ABS/SRS Services: Perform various bi-directional tests to check the operating conditions of both the Anti-lock Braking System and the Supplemental Restraint System.

6) Steering Angle Sensor (SAS) Service: Calibrating and resetting the position of the steering is just a click away.

7) The Diesel Particulate Filter Service: Clear the blockage in the DPF filter, to meet emission standards.

8) And BMS, Suspension, Throttle, Win DR Roof, Seat, Odometer, Lang Change, Headlamp, CHG Tire Size, Tooth Learning, Cylinder, Turbocharging, Trans Adaption, etc. waiting for you to explore.

## All Special Fuctions for All Modules









The image illustrates the Autel diagnostic and service tools in use. On the left, the **MaxiFlash J2534 ECU Reprogrammer** is shown connected to a car's system via Bluetooth (BT). In the center, a hand holds the **MaxiIM** tablet, which displays a menu with icons for **IMMO**, **Service**, **Update**, **Settings**, **Programmer**, and **Diagnostics**. Below this, a grid of 24 icons represents various vehicle modules that can be serviced:

Oil reset	EPB	TPMS	BMS	Brake bleed	DPF SCR	Immo keys	A/F Setting
Injector	SAS	Suspension	Throttle	WinAndDoor	Seats	Odometer	Turbocharging
Language Change	Headlamp	CHG tire size	TEC lesrn	Cylinder	Trans adaption	Airbag reset	...



## 4. Stunning Shop Manager

One-stop multitasking designed for ideal management of workshop operation to retain all data files, customer information and vehicle records. It is convenient for relevant information search and daily workshop business. Moreover, you can also print the saved data files for future reviewing.

 <p><b>Remote Diagnosis</b></p> <p>If you encounter a diagnostic problem that you cannot solve, you can turn to remote assistance for diagnosis</p>	 <p><b>Remote Desk</b></p> <p>Configures the unit to receive remote support using the TeamViewer application program.</p>	 <p><b>Review Data</b></p> <p>The Review Data section allows you to playback the recorded data frames of live data streams.</p>	 <p><b>Function Viewer</b></p> <p>Provides quick search for the supported function and vehicles of Autel diagnostic tools</p>
 <p><b>MaxiFix</b></p> <p>Launches the MaxiFix platform which provides the most compatible &amp; abundant repair techniques &amp; diagnostics database</p>	 <p><b>Support</b></p> <p>Launches the Support platform which synchronizes Autel's on-line service base station with the MaxiCOM tablet</p>	 <p><b>Academy</b></p> <p>Accesses technical tutorials and training articles about the device usage and vehicle diagnostic techniques.</p>	 <p><b>Data Logging</b></p> <p>The Data Logging section keeps records of all sent or unsent (saved) data loggings on the diagnostic system.</p>



**Specifications:**

Operating System	Android™ 4.4.2, KitKat
Processor	Samsung Exynos hexa-core Processor (1.3GHz Quad-core ARM Cortex-A7 + 1.7GHz Dual-core ARM Cortex-A15)
Memory	2GB RAM & 64GB On-board Memory
Display	10.1-inch LED capacitive touch screen with 1920x1200 resolution
Connectivity	Wi-Fi (802.11 a/b/g/n/ac)  USB: 2.0  BT v.2.1 + EDR  SD Card (Support up to 32GB)  HDMI
Sensors	Gravity Accelerometer, Ambient Light Sensor (ALS)
Power and Battery	15000 mAh 3.8 V lithium-polymer battery  Charging via 12 V AC/DC power supply with the temperature between 0°C and 45°C
Input Voltage	12 V (9-24 V)
Power Consumption	6.5 W
Operating Temp	0 to 50°C (32 to 122°F)
Storage Temp	-20 to 60°C (-4 to 140°F)

**Package List:**

- 1x Autel MaxiIM IM608 Main Unit
- 1x APC101 USB Cable
- 1x APA101 Signal Cable
- 1x MaxiFlash JVCI
- 1x APB101+APD101(EEPROM Adaptor+EEPROM Adapter Shell)
- 1x APA103(EEPROM Clamp)
- 1x XP400
- 1x APB102 MB IR Cable
- 1x APA104 ECU Clamp
- 1x Main Cable
- 1x APB104(MCU\_FQFP64)
- 1x APA105(MCU Clamp)
- 1x USB Cable (2m)
- 1x APB105 MCU\_FQFP80
- 1x APA106(MC9S12 Clamp)
- 1x Mini USB Cable

- 1x APB106(MCU\_FQFP144)
- 1x APA107(Connect Cable)
- 1x AC/DC 12V Adapter
- 1x APB107(MCU\_FQFP144)
- 1x Quick Reference Guide
- 2x Light Fuse 6\*30mm
- 1x APB108(MCU\_FQFP176)
- 1x Packing List
- 1x Cigarette Lighter
- 1x APA002(EEPROM Socket)
- 1x Carrying Case 634\*170\*404mm
- 1x AAC001

