

MaxiIM IM508

MaxiIM IM508 is a fast, easy-to-use, and ultraportable immobilizer and key programming device. The Android-based touchscreen tablet features powerful quad-core processor, intuitive design and straight-forward interface. Equipped with the XP200 key programmer, IM508 is capable of providing extraordinary service functions for the immobilizer system. Together with the ability to quickly diagnose all modules of the majority of makes and models on the market, IM508 provides you with superior special functions. IM508 is the perfect solution for shops and technicians who demand affordable and powerful IMMO and diagnostic services.

AUTEL®

MaxiIM IM508 7 Features:

1. Internal reliable 32GB Memory
2. 7" 1024x600 LCD capacitive touchscreen
3. IMMO ECU reset/adaptation, refresh/coding
4. Transponder read/write, EEPROM/ MCU read/write
5. Android Operating System for fast boot-up and multitasking
6. Read PIN/CS (all key lost) , key generation, key learning, remote learning
7. Powerful combination of key programming/all system diagnostics/advanced maintenance services

Key Programming for Cars

Chip password / car door password / Control Engine start



Functions:

1. Professional Key Programmer

Autel IM508 is a professional car diagnostic scanner that provides extraordinary service functions for the immobilizer system, including: immobilizer system status, key learning, key add, all keys lost, remote control learning, remote control add, chip read and write. It's a professional solution for car keys and remote controls and prevents your car from being stolen!

SMART MODE

accesses to a function menu where each function is configured as a smart guide system.



Smart Mode provides guided functions with step-by-step instructions.

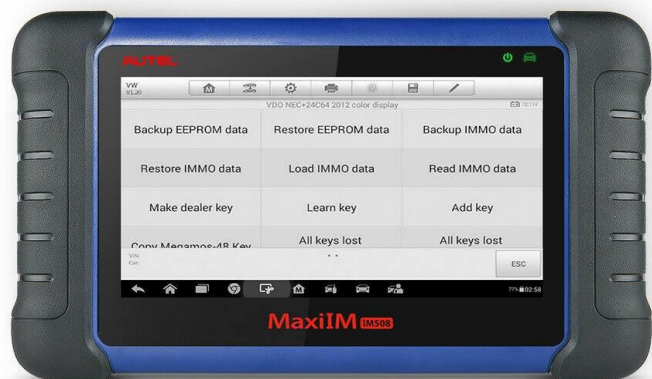


EXPERT MODE

accesses to a function menu where each function is separated from each other.



Expert Mode provides skilled technicians a convenient way to perform individual IMMO functions they need.



1. **Key Learning**
2. **Key Generation**
3. **Remote Learning**
4. **Read PIN / CS (All Key Lost)**
5. **IMMO ECU Refresh / Coding**
6. **Backup / Restore IMMO Data**
7. **IMMO ECU Reset / Adaptation**

8. BMW FEM / BDC Key Learning and ECU Adaptation

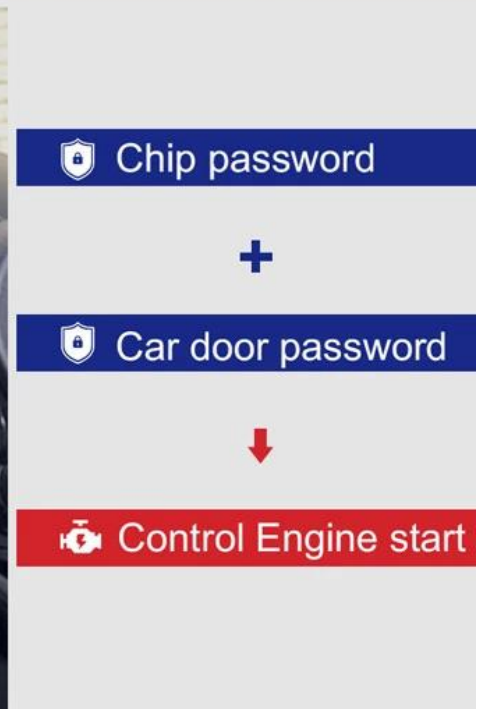
9. VW / AUDI MQB Key Learning, 48 Transponder (96-bit) Add Key, All Key Lost, A6 All Key Lost, and More

IMMO:

The IMMO application requires a data link to the IMMO electronic control system of the test vehicle for diagnosis via OBD II connection. The application retrieves vehicle IMMO information and performs IMMO related functions, including Key Learning, Remote Control Learning, Remote Control Add, etc



IMMO ➔ **Anti-Theft**





IMMO → Anti-Theft

🛡️ Chip password + 🛡️ Car door password → Control Engine start

- Smart mode(guided and automated key learning)
- Expert mode(advanced key learning)
- Auto detect make/model/year/system
- Read PIN/CS(all key lost)
- Key generation
- Key learning
- Remote learning
- IMMO ECU Reset/adaptation
- IMMO ECU Refresh/coding
- Backup/restore IMMO data
- Benz FEM/BDC Key Learning and ECU adaptation
- BMW CAS4/3/2 Key learning (CAS4 available when connected to xp400)
- VW/Audi /Skoda/Seat IMMO III/IV/V Add key,all key lost



2. XP200 KEY & CHIP PROGRAMMER

The XP200 is specially designed to read Volkswagen vehicle key chip data, clone and generate exclusive keys, read/write on-board EEPROM data, and read/write Freescale 9S12



MCUs. By working with diagnostic tool and PC that are both loaded with programmer software, the XP200 can read/write key chip data quickly and accurately.



XP200 Key Programmer Chip Programmer

XP200, and no vehicle connection is required
This application can access the key chip, read
retrieve and write key information,



Key Read / Write
EEPROM / MCU Read / Write

3. OE-LEVEL DIAGNOSTICS FOR 80+ VEHICLE MAKES

Autel IM508 Car Scanner can perform OE-Level diagnosis on all car electronic systems like ABS, SRS, Engine, Transmission and etc and show live data of multiple sensors. It is compatible with more than 80 American, Asian and European makes and models.

All SYSTEMS DIAGNOSTICS
ECU Info.+Read Codes+Erase Codes+Live Data

OE-Level Diagnostics 80+ Vehicle Coverage Shop & Data manager Apps

Shop Manager
Data Manager

DPF SCR

The image features a dark Audi A8 with various diagnostic icons overlaid on its engine, transmission, and chassis. A technician is shown working on the engine in a separate inset. A world map highlights global coverage, and a list of car brands is provided below it. The bottom right corner shows icons for 'Shop Manager' and 'Data Manager' apps.

1. Read / Erase Codes
2. AutoVIN / AutoScan

- 3. All Systems Diagnostics
- 4. View Freeze Frame Data
- 5. View, Record, Playback Live Data
- 6. Shop and Data Manager Applications

4. Most Commonly Used Reset Services

Oil Rest Service: This function allows you to perform reset for the Engine Oil Life system, which calculates an optimal oil life change interval depending on the vehicle driving conditions and climate. The Oil Life Reminder must be reset every time the oil is changed, so the system can calculate when the next oil change is required.

Advanced 22 Maintenance Service

 Oil Reset	 EPB	 TPMS	 BMS	 Brake bleed	 DPF	 Injector
 SAS	 Suspension	 Throttle	 Win DR Roof	 Seat	 Odometer	 Lang change
 Headlamp	 CHG tire size	 TEC learn	 Cylinder	 Turbocharging	 Trans adaption	 Airbag reset
 A/F Setting						





EPB Service: This function has a multitude of usages to maintain the electronic braking system safely and effectively. The applications include deactivating and activating the brake control system, assisting with brake fluid control, opening and closing brake pads, and setting brakes after disc or pad replacement, etc.

SAS Service: Steering Angle Sensor Calibration permanently stores the current steering wheel position as the straight-ahead position in the steering angle sensor EEPROM. Therefore, the front wheels and the steering wheel must be set exactly to the straight-ahead position before calibration.

TPMS Service: This function allows you to quickly look up the tire sensor IDs from the vehicle's ECU, as well as to perform TPMS replacement and sensor test.

BMS Service: The BMS (Battery Management System) allows the scan tool to evaluate the battery charge state, monitor the close-circuit current, register the battery replacement, and activate the rest state of the vehicle.

DPF Service: This function is used to manage DPF regeneration, DPF component replacement teach-in and DPF teach-in after replacing the engine control unit.

5. Auto Scan Technology

The Autel IM508 professional OBD2 scanner comes with Auto Scan function that performs a comprehensive scanning over all the ECUs in the vehicle to locate systems' faults and retrieve DTCs for efficient diagnosis.

6. Live Data & Review Freeze Frame Data

The IM508 car diagnostic scanner reads codes, show live data of multiple sensors in or graph or text, clears codes. The Review Data section allows you to playback the recorded data frames of live data streams

7. Remote Technical Support

The Remote Desk application launches the TeamViewer Quick Support program, which is a simple, fast and secure remote control screen. You can use the application to receive ad-hoc remote support from Autel's support center, colleagues, or friends, by allowing them to control your MaxiIM tablet on their PC via the TeamViewer software

8. ADVANCED SERVICE FUNCTIONS

EPB, DPF, SAS, Oil Reset, BMS and TPMS Sensor ID Relearn
7-inch LCD Touchscreen - 32GB Memory - Android Kit Kat - Wi-Fi - Multilingual
Codes & Menus - 5000mAh Li-polymer Battery

IM508 Key Programming

EEPROM Read/Write



Key Read/Write



Basic MCU Read/Write



IM508 + XP400 → More Key Programming

MaxiIM IM508	+	Connected to XP400	➔	ECU Read / Write
MaxiIM IM508	+	Connected to XP400	➔	MC9S12 Encryption Chip Read /Write
MaxiIM IM508	+	Connected to XP400	➔	IC Card Read / Write
MaxiIM IM508	+	Connected to XP400	➔	Mercedes Infrared Key read / write
MaxiIM IM508	+	Connected to XP400	➔	Remote Frequency Detect
MaxiIM IM508	+	Connected to XP400	➔	Support PC



**Powerful
Combination
of Key
Programming**

+

**All System
Diagnostics**

+

**Advanced
Maintenance
Services**

SPECIFICATIONS:

Operating System	Android™ 4.4.4, KitKat
Processor	Cortex-A9 processor(1.6 GHz)
Memory	32GB
Display	7-inch LCD capacitive touchscreen with 1024x600 resolution
Connectivity	Mini USB 2.0 USB2.0 Wi-Fi Micro SD card slot(supports up to 32GB)
Sensors	Ambient light sensor for brightness auto changing
Power and Battery	3.7 V/5000 mAh lithium-polymer battery Charges via 5 VDC power supply
Tested Battery Life	Around 4.5 hours of continuous use
Battery Charging Input	5V/1.5A
Power Consumption	500 mA (LCD on with default brightness, Wi-Fi on)@3.7 V
Operating Temp	0 to 50°C (32 to 122°F)
Storage Temp	-20 to 60°C (-4 to 140°F)
Operating Humidity	5%-95% non-condensing
Net Weight	885g(2.31 b.)

Why Buy Autel XP400?

IM508 Key Programming

EEPROM Read/Write



Key Read/Write



Basic MCU Read/Write



IM508 + XP400 → More Key Programming

MaxiIM IM508	+	Connected to XP400	➔	ECU Read / Write
MaxiIM IM508	+	Connected to XP400	➔	MC9S12 Encryption Chip Read /Write
MaxiIM IM508	+	Connected to XP400	➔	IC Card Read / Write
MaxiIM IM508	+	Connected to XP400	➔	Mercedes Infrared Key read / write
MaxiIM IM508	+	Connected to XP400	➔	Remote Frequency Detect
MaxiIM IM508	+	Connected to XP400	➔	Support PC

XP400 Key & Chip Programmer Function List:

1. Support PC
2. MCU / EEPROM Chips Read / Write
3. ECU Read / Write
4. MC9S12 Encryption Chip Read / Write
5. Key Read / Write
6. Mercedes Infrared Key Read / Write
7. Remote Frequency Detect
8. IC Card Read/Write.

XP400-Key & Chip Programmer

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

1 Remote Control

Transponder Induction Area

2 Transponder Slot

Holds the transponder

3 Mercedes Infrared key slot

Holds the mercedes infrared key

4 Vehicle Key Slot

Holds the vehicle key

5 IC Card induction area

Read/write IC Card Info.

6 Status LED

Indicate current operating status

7 Cross Signal Pins

Holds the MCU board, MCU spare cable or DIY signal interface.

8 EEPROM Locker

Lock component transponder slot to ensure proper functioning

9 Compat transponder slot

Holds the MCU board MCU spare cable or DIY signal interface.



Autel MaxiIM IM508 Package List:

- 1pc x MaxiIM IM508 Tablet
- 1pc x XP200 Key Programmer
- 1pc x Honda-3 Adaptor
- 1pc x AAC001 – MED17 Cable
- 1pc x KIA-20 Adaptor
- 1pc x Mazda-17 Adaptor
- 1pc x KIA-10 Adaptor
- 1pc x USB External Power Adapter
- 1pc x Main cable
- 1pc x Mini USB Cable
- 1pc x Carrying Case
- 1pc x Quick guide





XP200
key & chip
programmer



APB001
EEPROM
Adaptor



APB001
68HC908
Adaptor



APB002
68HC908
Adaptor



APA002
EEPROM
Socket



APA001
EEPROM
Clamp integrated
mc9s12 cable



AAC001
MED17
Cable



Mini USB Cable



OBDII Cable



**USB External
Power Adapter**



Honda-3
Adaptor



Kia-10
Adaptor



Mazda-17
Adaptor



Kia-20
Adaptor



