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All information, specifications and illustrations in this manual are based on the latest information available at the time of printing.

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Autel will not be liable for any direct, special, incidental, indirect damages or any economic consequential damages (including the loss of profits).

! IMPORTANT

Before operating or maintaining this unit, please read this manual carefully, paying extra attention to the safety warnings and precautions.

For Services and Support



pro.autel.com

www.autel.com



1-855-288-3587/1-855-AUTELUS (North America)

0086-755-86147779 (China)



Support@autel.com

For technical assistance in all other markets, please contact your local selling agent.

Safety Information

For your own safety and the safety of others, and to prevent damage to the device and vehicles upon which it is used, it is important that the safety instructions presented throughout this manual be read and understood by all persons operating or coming into contact with the device.

There are various procedures, techniques, tools, and parts for servicing vehicles, as well as in the skill of the person doing the work. Because of the vast number of test applications and variations in the products that can be tested with this equipment, we cannot possibly anticipate or provide advice or safety messages to cover every circumstance. It is the automotive technician's responsibility to be knowledgeable of the system being tested. It is crucial to use proper service methods and test procedures. It is essential to perform tests in an appropriate and acceptable manner that does not endanger your safety, the safety of others in the work area, the device being used, or the vehicle being tested.

Before using the device, always refer to and follow the safety messages and applicable test procedures provided by the manufacturer of the vehicle or equipment being tested. Use the device only as described in this manual. Read, understand, and follow all safety messages and instructions in this manual.

Safety Messages

Safety messages are provided to help prevent personal injury and equipment damage. All safety messages are introduced by a signal word indicating the hazard level.

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

Safety Instructions

The safety messages herein cover situations Autel is aware of. Autel cannot know, evaluate or advise you as to all of the possible hazards. You must be certain that any condition or service procedure encountered does not jeopardize your personal safety.

⚠ DANGER

When an engine is operating, keep the service area WELL VENTILATED or attach a building exhaust removal system to the engine exhaust system. Engines produce carbon monoxide, an odorless, poisonous gas that causes slower reaction time and can lead to serious personal injury or loss of life.

⚠ SAFETY WARNINGS

- Wear safety glasses and protective clothing.
- NEVER smoke or allow a spark or flame in vicinity of battery or engine.
- Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing or eyes.
- If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flush eye with cold running water for at least ten minutes and get medical attention immediately.
- Use caution when working with metallic tools to prevent sparks or short circuits.
- Remove any jewelry or watches before you start servicing the battery.
- Keep hair, hands, and clothing as well as tester leads and cords away from moving blades and belts.

MaxiBAS BT609

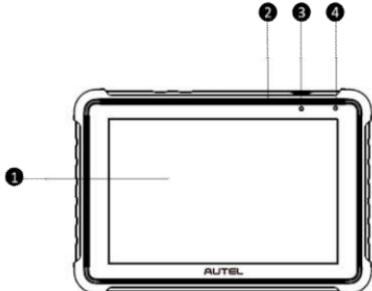
Wireless Battery & Diagnostics System

The MaxiBAS BT609 wireless battery and diagnostics system applies Adaptive Conductance, a proprietary Autel technology that identifies low-capacity batteries. It can display a quick health status of the existing battery, register a new battery and perform advanced battery and electrical system diagnostics. The BT609's features include Auto-VIN to immediately identify vehicle and battery information and to display graphic instructions for battery positioning and testing. This tool can also perform various service and maintenance tasks.

There are three main components to the MaxiBAS BT609:

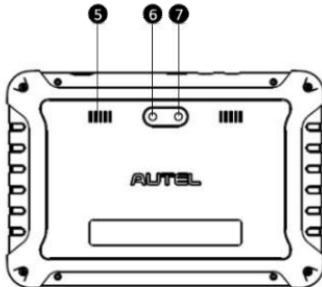
- MaxiBAS BT609 Tablet –the central processor and monitor for the system;
- MaxiBAS B200 Tester – the battery tester with the clamp cable;
- MaxiVCI V200 - Vehicle Communication Interface.

1. MaxiBAS BT609 Tablet



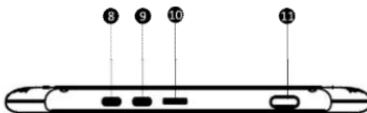
MaxiBAS Tablet Front View

1. 7.0-inch Touchscreen
2. Built-in Microphone
3. Power LED
4. Ambient Light Sensor



MaxiBAS Tablet Back View

5. Loudspeaker
6. Camera
7. Camera Flash



MaxiBAS Tablet Top View

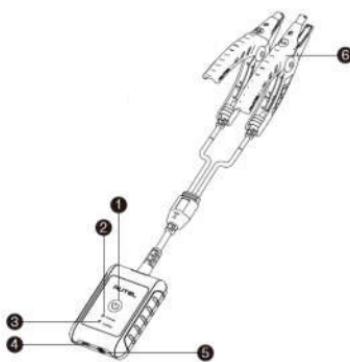
8. USB OTG/Charging Port
9. USB Host Port
10. Micro SD Card Slot
11. Power/Lock Button

Technical Specifications

Item	Description
Operating System	Android 9.0
Memory	2GB RAM & 64GB On-board Memory
Display	7.0 inch TFT-LCD with 1280 x 800 resolution & capacitive touchscreen

Item	Description
Connectivity	<ul style="list-style-type: none"> ● Wi-Fi (IEEE 802.11 a/b/g/n/ac 1x1) ● BT 5.0+EDR+BLE ● USB 2.0 (1 USB HOST + 1 USB OTG) ● Micro SD Card (Support up to 128GB)
Camera	8 Megapixel
Sensor	Ambient Light Sensor (ALS)
Audio	<ul style="list-style-type: none"> ● Microphone
Input/Output	<ul style="list-style-type: none"> ● Loudspeaker
Power and Battery	<ul style="list-style-type: none"> ● 5800mAh 3.85V lithium-polymer battery ● Charging via 5V AC/DC power supply with the temperature between 0°C and 45°C
Input Voltage	5V/2A Adapter
Operating Temp.	0 to 50°C (32 to 122°F)
Storage Temp.	-10 to 60°C (14 to 140°F)
Dimensions (WxHxD)	197 mm (7.75") x 135 mm (5.31") x 14 mm (0.55")
Weight	445g (0.98 lb.)

2. MaxiBAS B200 Tester

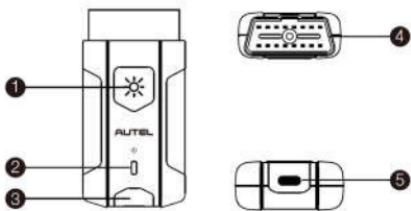


1. Power Button
2. Status LED
3. Power LED
4. USB Port
5. Multimeter Cable Port
6. Battery Clamp Cable

Technical Specifications

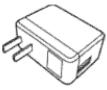
Item	Description
Connectivity	<ul style="list-style-type: none">● USB 2.0, Type C● Bluetooth V3.0 BR/EDR+ V4.2 LE Dual-Mode
Input Voltage	5V DC
Working Current	< 150 mA at 12V DC
CCA Range	100 to 3000A
Voltage Range	1.5V to 36V
Working Temperature	-10°C to 50°C (14 to 122°F)
Storage Temperature	-20°C to 60°C (-4 to 140°F)
Dimension (L x W x H)	107 mm x 75 mm x 26 mm (clamp cable not included)
Weight	320 g (0.7 lb.)

3. MaxiVCI V200



1. Lighting Push Button
2. Power LED
3. Vehicle/Connection LED
4. Vehicle Data Connector (16-pin)
5. USB Port

Other Accessories

	Battery Side Post Terminal Type S x2 Connects the battery posts and the clamps
	Battery Side Post Terminal Type T x2 Connects the battery posts and the clamps
	Power Adapter Together with the USB cable, connects the unit to an external DC power port for power supply.
	USB Cable Together with the power adapter, connects the unit to an external DC power port for power supply.

Getting Started

Ensure the BT609 is sufficiently charged or is connected to the external power supply.

Inspect the Battery

Before starting a test, observe the battery for:

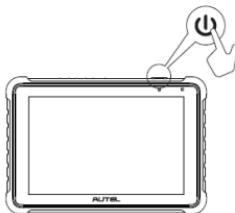
- Cracking, buckling, or leaking. If you see any of these defects, replace the battery.
- Corroded, loose, or damaged cables and connections. Repair or replace as needed.
- Corrosion on the battery terminals, and dirt or acid on the case top. Clean the case and terminals using a wire brush and a mixture of water and baking soda.

IMPORTANT

Please ensure that the BT609 and the MaxiVCI V200 are powered ON when binding the devices and during battery registration.

Power Up

Long press the Lock/Power button to turn on the BT609. The first time you use the device, a message will pop up asking you to register the device. Follow on-screen instructions to create an Autel ID and complete the registration.



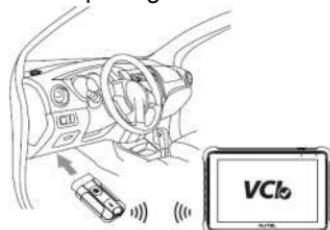
Software & Firmware Update

- **Software Update:** connect the BT609 to the Internet and tap **Update** in the Main Menu to check all the available updates.
- **Firmware Update:** connect the BT609 to the Internet and tap **Settings** in the Main Menu, select **VCI Manager** and tap **Firmware Upgrade**. Follow

on-screen instructions to check the firmware version and update the VCI to the latest version.

Establish Vehicle Communication

Connect the VCI to the vehicle's DLC (OBD II port), which is generally located under the vehicle dash. Follow on-screen instructions to connect the VCI to the app on your device via Bluetooth pairing.

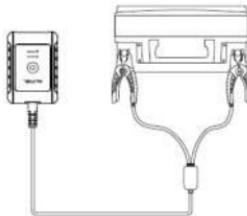


Connect to a Battery

1. Follow on-screen instructions to connect the B200 to the BT609 via Bluetooth pairing.



2. Connect the red clamp to the positive (+) terminal and the black clamp to the negative (-) terminal.



Service Procedures

This section introduces information for technical support, repair service, and application for replacement or optional parts.

Technical Support

If you have any question or problem on the operation of the product, please contact us (see the following contact info) or your local distributor.

AUTEL CHINA HQ

- Phone: 0086-755-8614 7779
- Website: www.autel.com
- Email: support@autel.com
- Address: 6th-10th floor, Building B1, Zhiyuan, Xueyuan Road, Xili, Nanshan, Shenzhen, 518055, China

AUTEL NORTH AMERICA

- Phone: 855-AUTEL-US (855-288-3587) Monday-Friday 9am-6pm EST
- Website: www.autel.com
- Email: ussupport@autel.com
- Address: Suite 200, 175 Central Avenue, Farmingdale, New York, USA. 11735

AUTEL EUROPE

- Phone: 0049 (0) 61032000522
- Website: www.autel.eu
- Email: sales.eu@autel.com/support.eu@autel.com
- Address: Robert-Bosch-Strasse 25, 63225, Langen, Germany

AUTEL SOUTH AMERICA

- Phone: (+507) 308-7566
- Website: www.autel.com/es
- Email: sales.latin@autel.com/latsupport@autel.com
- Address: Office 103, Building 3845, International Business Park,

AUTEL AUSTRALIA

- Phone: 03 9480 2978 / +61 476293327
- Website: www.autel.com.au
- Email: sales@autel.com.au
- Address: 155 Islington Street, Melbourne, Collingwood, VIC

Repair Service

If it becomes necessary to return your device for repair, please contact us first and then download the repair service form from www.autel.com, and fill it in. The following information must be included:

- Contact name
- Return address
- Telephone number
- Product name
- Complete description of the problem
- Proof-of-purchase for warranty repairs
- Preferred method of payment for non-warranty repairs

NOTE

For non-warranty repairs, payment can be made with Visa, Master Card, or with approved credit terms.

Send the device to your local agent, or to the below address:

8th Floor, Building B1, Zhiyuan, Xueyuan Road, Xili, Nanshan, Shenzhen, 518055, China

Other Services

You can purchase the optional accessories directly from Autel's authorized tool suppliers, and/or your local distributor or agent.

Your purchase order should include the following information:

- Contact information
- Product or part name
- Item description
- Purchase quantity

Compliance Information

FCC Compliance

FCC ID: WQ8MAXIBASBT609

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules and Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes:

1. Ce dispositif ne peut causer des interférences; et
2. Ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.



WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SAR

The radiated output power of this device is below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact is minimized during normal operation.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/Kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to antenna should be minimized.

The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.421 W/kg.

RoHS COMPLIANCE

This device is declared to be in compliance with the European RoHS Directive 2015/863/EU.

CE COMPLIANCE

This product can be used across EU member states.

We declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

