X-431 EURO TAB II Quick Start Guide

X-431 EURO TAB II Tablet

Data Transmission Port
(Reserved for add-on modules, and other USB devices use only.)

Type-C Charging Port
(Reserved for charging or transferring data.)

Memory Card Slot
(To store the memory card for storage extension.)

Power/Screen Lock Button

Volume Buttons

Ambient Light Sensor

Charging Indicator
(Red means Charging, and Green means Fully Charged.)

Microphone

Microphone

Front Camera

10.1" Touch Screen

Rear Camera

Camera Flash

Audio Speaker

Audio Speaker

Adjustable Kickstand
(Flip out it to any angle and work comfortable at your desk, or hang it on steering wheel.)

Charging Slot
(For charging the tablet via placing it on the docking station)
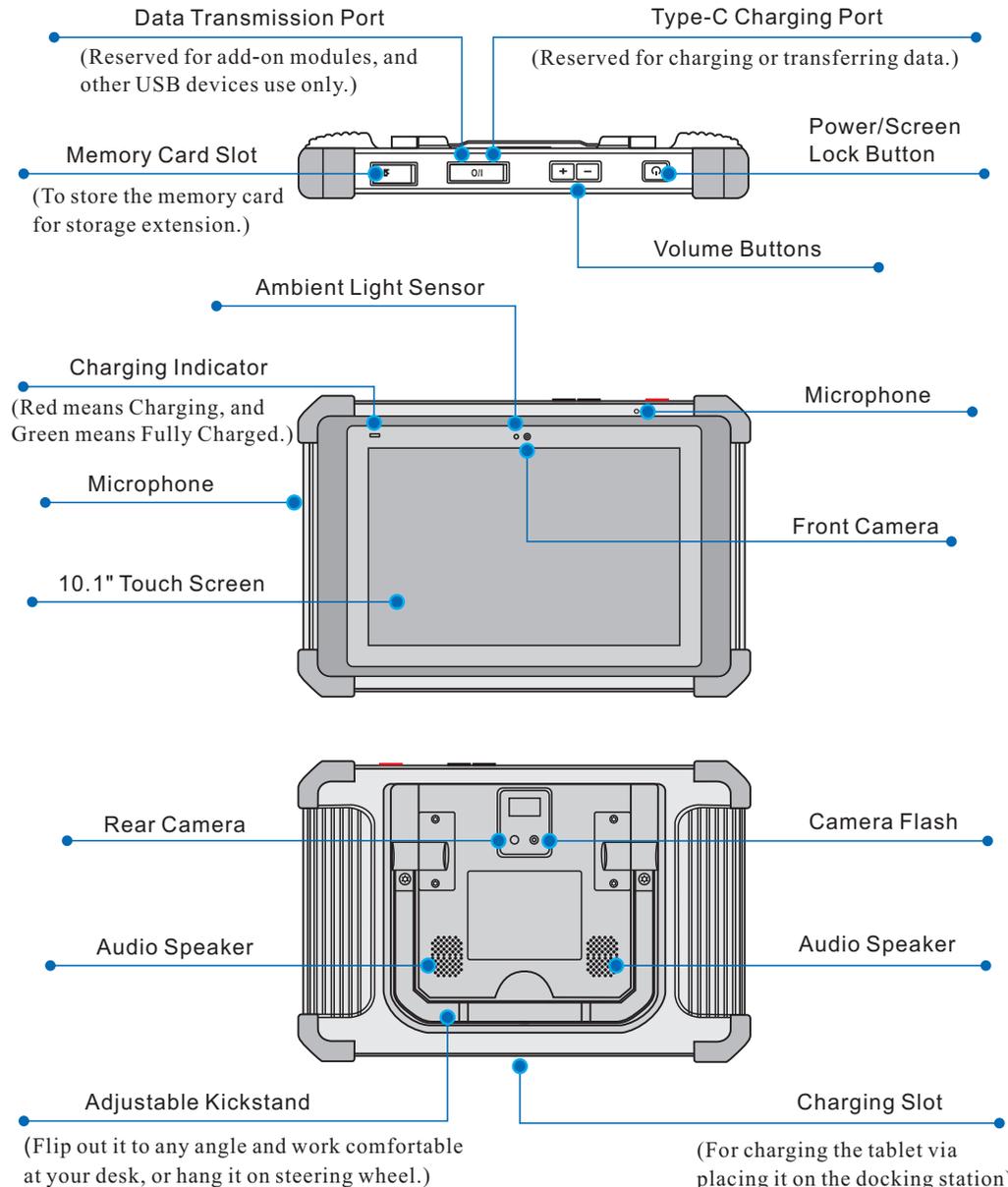
Accessory Checklist

X-431 EURO TAB II Tablet
A tablet for showing test results.

Docking Station
See Section **"Docking Station"** .

VCI Device
A device for accessing vehicle data.

Power Adaptor
To supply power to the tablet through connection to AC outlet.

Cigarette Lighter Cable
To supply power to the non-16pin connector via vehicle's cigarette lighter receptacle.

Battery Clamps Cable
To provide power to the non-16pin connector through connection to the vehicle's battery.

Private & Confidential Sheet
A piece of paper bearing Product S/N and Verification Code, which is required for your VCI activation.

OBDII Extension Cable
To connect the VCI device for extension purpose.

OBD I Adaptor Cable
A converting cable for connecting non-16 pin connector.

Non-16pin Adaptor Kit
(Optional. For different vehicle diagnostic sockets, it may be necessary to use one of the connectors/adaptor cables included within the kit. For detailed non-16pin connectors, please check the package box)

Thanks for choosing LAUNCH!

If you have any questions on the operation of the unit, please contact DIAGTOOLS SIA customer support:

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VCI(Vehicle Communication Interface)

The VCI device works as a vehicle communication interface device, which is used to connect to the vehicle's DLC (Data Link Connector) socket via OBD II extension cable to read the vehicle data and then send it to the tablet via Wi-Fi. It can work with the passenger & commercial vehicles.

It is defined as follows:
1. Power: It illuminates solid red when the module is powered on.
2. Vehicle: While communicating with the vehicle, the indicator lights up and flashes. Otherwise, it will not illuminate.
3. BT: It illuminates when the VCI device is working in wireless BT communication mode.
4. I/O: It lights up when the VCI device is connected to the tablet via data cable.
5. Wireless: It illuminates when the VCI device is working in the default WLAN communication mode.

Docking Station

OBD 16 Socket with power output
(Plug the VCI device into the socket for demo experience via OBD II extension cable when the docking station is connected to the AC outlet.)

Type-C Charging Port
(To supply power to the docking station through connection to AC outlet.)

Charging Slot
(To charge the tablet.)

Power Indicator
(Illuminates red when it is powered up.)

DC 5V OUT Port
(Reserved for charging other USB devices only.)

1. Charging & Turning On

Choose any of the followings to charge it:

1. Use the included power adaptor: Connect one end of the adaptor to Type-C charging port of the tablet, then connect the other end to the AC outlet.

   *Warning: Please use the included power adaptor to charge the tablet. No responsibility can be assumed for any damage or loss caused as a result of using power adaptors other than the one supplied.

   sits on the docking station.

   c). Insert one end of power adaptor into the Type-C charging port of the docking station, then plug the other end into the AC outlet.

3. Press the [POWER] button on the tablet, the system starts initializing and then enters the home screen.

   *Note: If the battery remains unused for a long period of time or the battery is completely discharged, it is normal that the tablet will not power on while being charged. Please charge it for a period of 5 minutes and then turn it on.

2. Network Setup

The tablet has dual built-in wireless communication modules. One is used to communicate with the VCI device, and the other allows the tablet to get online. Once you're online, you can register your tool, update the diagnostic software & APK, surf the Internet and send email on your network.

If the VCI device is successfully activated, the tablet will automatically obtain the VCI ID and connect to it. In this case it is not necessary for the user to manually configure it again. Hence user only needs to set the WLAN connection.

*Note: For details on how to activate the VCI device, refer to **Section 3. Register & Update**.

Follow the steps below to proceed:

1. On the home screen, select **Tablet Settings -> WLAN**.
2. Slide the WLAN switch to ON, the tablet will start searching for all available wireless networks.
3. Select a wireless network:
   - If the chosen network is open the tablet will connect automatically.
   - If the selected network is encrypted a network password will need to be entered.

*Note: Once WLAN is set as ON, the tablet will consume more power. While it keeps unused, please set it off to save power. While WLAN is not in use, please turn it off to conserve battery power.

3. Register & Update

1. Launch App: On the home screen, tap "Login" on the upper right corner of the screen, a dialog box similar to the following will pop up on the screen.
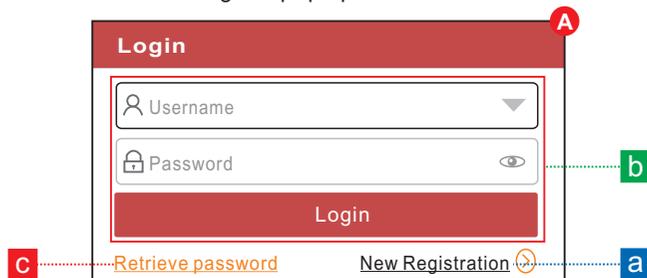
a. If you are a new user, tap on "New Registration" to start your sign-up. Refer to Steps 2-4.

b. If you have registered to be a member, type in the username and password and tap on "Login" directly.

c. If you forgot the password, tap on "Retrieve password" to set a new password.

3. Register & Update (Cont.)

2. Create an App Account: Tap on "New Registration" in Figure **A**, input the information (items with * must be filled) and then tap on "Register". Refer to Figure **B**.
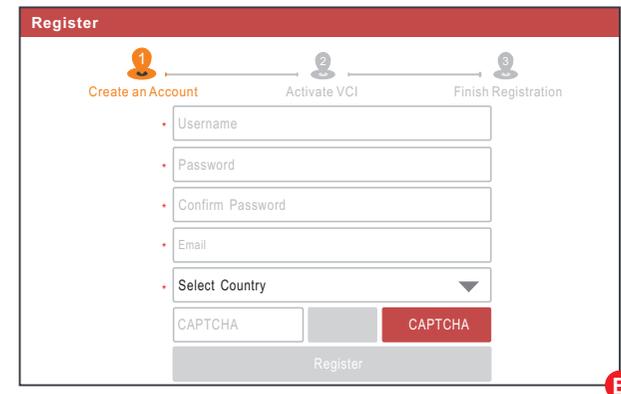
3. Activate VCI Connector: Input the Product S/N and Activation Code (can be obtained from the Private & Confidential Sheet), and then tap on "Activate". Refer to Figure **C**.
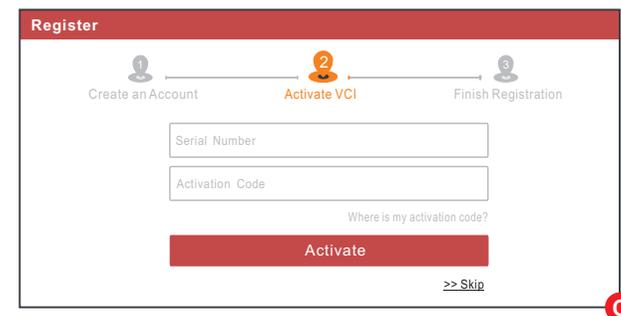
4. Finish Registration: To download the diagnostic software, tap on "Yes" to navigate to the download page. Tap on "No" to download and install it later.
   On the download page, tap on "Update" to start downloading until it is complete.
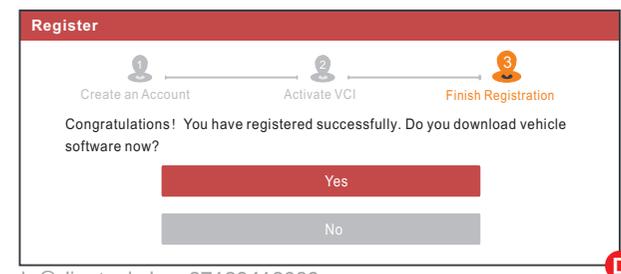
4. Vehicle Connection

1. Locate Vehicle's DLC

The DLC (Data Link Connector) is typically a connector where diagnostic code readers interface with the vehicle's on-board computer.

For passenger cars, it is usually located on driver's side, about 12 inches away from the center of dashboard. For potential DLC location of most vehicles, see Figure **DLC Location**.

For commercial vehicles, it is generally located in the driver's cab.

If the DLC cannot be found, refer to the vehicle's service manual for the exact location.

DLC Location
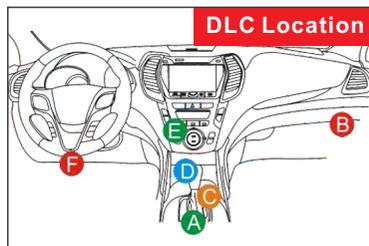
2. Vehicle Connection

1). OBD II Vehicle Connection

Connect one end of the OBD II extension cable to the OBD-16 connector, and the other end to the vehicle's OBD II DLC.

2). Non-OBD II Vehicle Connection

If the power supply on vehicle diagnostic socket is insufficient or the power pin is damaged, you can get power in the following ways:

A. For Passenger Cars:

```
                  ┌─────────────────────────┐      ┌──────────────────────────────┐
              ┌──▶│ Cigarette Lighter Cable/ │ ┄┄▶ │ To Cigarette Lighter Receptacle/
              ┊   │ Battery Clamps Cable     │      │ To Vehicle's Battery          │
              ┊   └─────────────────────────┘      └──────────────────────────────┘
  ┌────────────┐    ┌──────────────┐    ┌───────────────────┐    ┌──────────────────┐
  │ VCI Device │┄┄▶ │ OBD I Adaptor │┄┄▶ │ Non-16pin Connector│┄┄▶│ To Vehicle's DLC │
  └────────────┘    └──────────────┘    └───────────────────┘    └──────────────────┘
```

B. For Commercial Vehicles:

```
                  ┌─────────────────────────┐      ┌──────────────────────────────┐
              ┌──▶│ Cigarette Lighter Cable/ │ ┄┄▶ │ To Cigarette Lighter Receptacle/
              ┊   │ Battery Clamps Cable     │      │ To Vehicle's Battery          │
              ┊   └─────────────────────────┘      └──────────────────────────────┘
  ┌────────────┐    ┌──────────────────────┐    ┌──────────────┐    ┌──────────────────┐
  │ VCI Device │┄┄▶ │ OBD II Extension Cable │┄┄▶ │ Adaptor Cable │┄┄▶│ To Vehicle's DLC │
  └────────────┘    └──────────────────────┘    └──────────────┘    └──────────────────┘
```
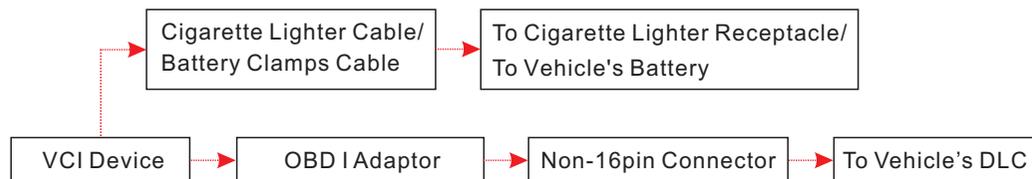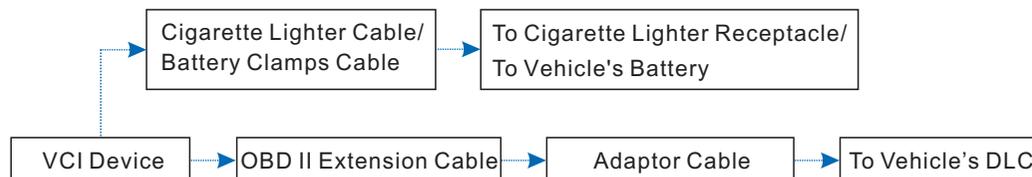
5. Start Diagnostics

There are three kinds of diagnosis approaches available on the tablet: Intelligent Diagnosis, Manual Diagnosis and Remote Diagnosis.

Intelligent Diagnosis:

Through simple wireless communication between the tablet and VCI device, you can easily get the VIN (Vehicle Identification Number) information of the currently identified vehicle. Once the VIN is successfully identified, the system will retrieve it from the remote server and then guide you to vehicle information page without the necessity of step-by-step manual menu selection. *Note: This method only applies to the passenger vehicles.

Manual Diagnosis:

In this mode, you have to diagnose a vehicle by performing the menu-driven command manually. For new users, please follow the operation chart shown below to get familiar with and start using this tool.

```
┌───────────────────────┐
│  Tap on "Local Diagnose" │
└───────────┬───────────┘
            ▼
┌───────────────────────┐
│     Select vehicle     │
└───────────┬───────────┘
            ▼
┌───────────────────────┐
│ Select software version │
│   and tap on "OK"      │
└───────────┬───────────┘
            ▼
┌───────────────────────┐
│   Follow the prompts   │
│     on the screen      │
└───────────────────────┘
```
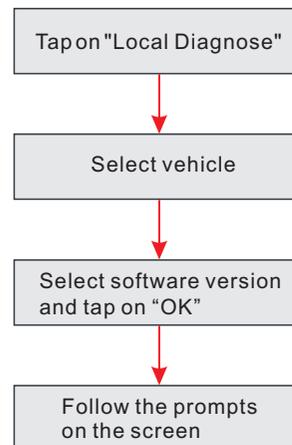
Preparation

Before diagnosing a vehicle, please make sure the following:

✓ Switch the ignition on.
✓ Vehicle battery voltage range should be 11V ~ 14V or 18V ~ 30V.
✓ Throttle should be in a closed position.

*Note: To enjoy more capabilities and functions, you are suggested to check for updates on a frequent basis and keep synchronized with the latest available software.

Remote Diagnosis:

This option aims to help repair shops or professional technicians launch instant messaging and remote diagnosis, making the repair job getting fixed faster.

For more detailed operations, please refer to the User Manual.

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