X100 PAD

Diagnosis System

User Manual

Declaration

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Xtool X100 PAD User Manual Instructions

Please read this user manual carefully before using the X100 PAD.

When reading the manual, please pay special attention to the words “Note”, “Caution” or “Warning”, read them carefully for appropriate operation.

Xtool X100 PAD Main Unit

Avoid shaking or dismantling the unit as it may damage the internal components.

Do not use hard or sharp objects to touch the LCD screen; do not use excessive force; do not expose the screen to strong sunlight for a long period.

Caution: keep it away from water, moisture, high temperature or very low temperature.

If necessary, calibrate the screen before testing to ensure the accuracy of LCD performance.

Keep the main unit away from strong magnetic fields.

Operation Instructions

For safe operation please follow the instructions below:

Keep the scanner away from heat or fumes when using it.

If the vehicle battery contains acid, please keep your hands and skin or fire sources away from the battery during testing.

Exhaust gas of vehicle contains harmful chemicals, please ensure adequate ventilation.

Do not touch the cooling system components or exhaust manifolds when engine is running due to the high temperatures reached.

Make sure the car is securely parked, Neutral is selected or the selector is at P or N position to prevent the vehicle from moving when engine starts.

Make sure the (DLC) diagnostic link connector is functioning properly before starting the test to avoid damage to the Diagnostic Computer.

Do not switch off the power or unplug the connectors during testing, otherwise you may damage the ECU and/or the Diagnostic Computer.

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CHAPTER Ⅰ About X100 PAD

1. Features

1.1. Advantages

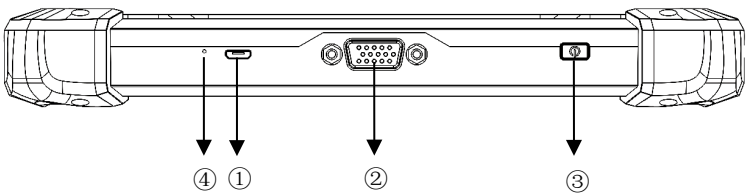
- Multi-language. Can be used in different countries and districts.
- Mainframe system, adopts ARM high-speed chip, has a speedy response, strong capacity of anti-interference and stable operation
- Supports one-click update. You can update the software at any time via WIFI.
- Modern appearance design and HD LCD Panel. It realizes the integration of automobile industry and electronic information technology, and makes vehicle diagnosis more convenient, more practical and more economical.

1.2. Durability

- One piece structure design: crash-proof, seismic-proof, durable.
- Industrialized design: ensure stable working condition of the product under the harsh working environment (high or low temperature environment).

2. Layout of X100 PAD

2.1. X100 PAD



①Micro USB: Battery charge or data synchronization with PC

②DB15 Port: Supports wired connection with car by the cable

③Power Button: Power on or power off

④Microphone

①Dual speakers

3. Hardware Technical Parameters

Operating System: Android

Processor: Quad-core 1.6GHz Processor

Memory: 1G RAM, 16G FLASH

Display: 7.0 inch touch screen with 1024×600 resolution

Sensors: Gravity sensor, light sensor

Auto Input/Output: Microphone, dual speakers, 4-band 3.5mm stereo/standard headset jack

Power and Battery: 4000mAh, 3.7V lithium-polymer battery

Power Voltage: 5V

Power Consumption: 8W

Operating Temperature: -20 to 50℃(-4 to 126℉)

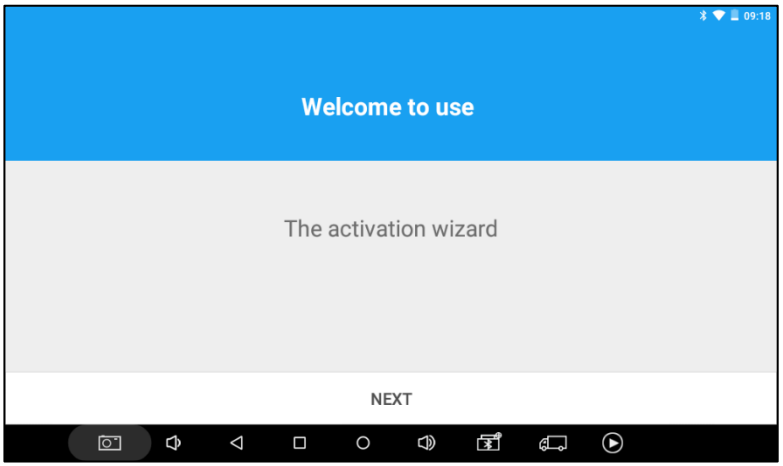
Humidity: <90%

Dimension (L*W*H): 218*150*29mm

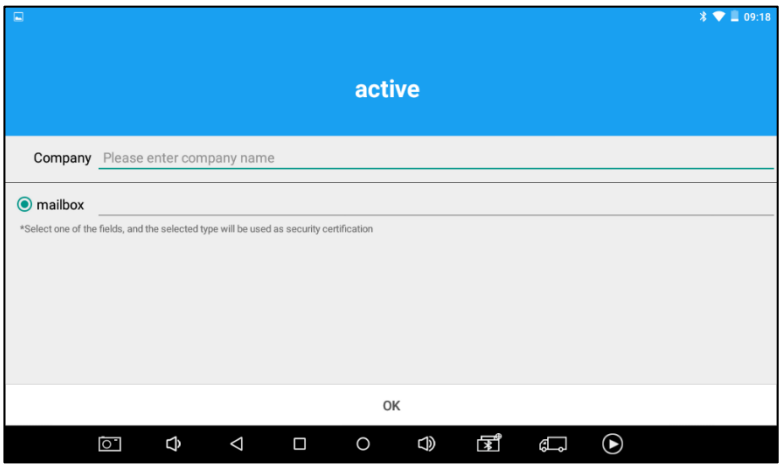
CHAPTER Ⅱ How to Use the X100 PAD

1. X100 PAD Activation

1.1. Please activate X100 PAD before you use it to test vehicles.



1.2. Connect to Wi-Fi first. Please fill in the company name and mailbox, then click OK to complete the activation**.**



2. X100 PAD Main Interface and Functional Buttons Descriptions

2.1. Main Interface

Tap on X100 PAD application icon, the main interface and sub-menus will be shown as below. ▼

2.2. Sub-menus and Function Buttons

Diagnosis: Open the X100 PAD diagnostic application. It can read diagnostic information and perform special functions.

Settings: Users can access the language setting and other system related to settings.

XCloud: Online Communication Platform for X100 PAD users. (Coming soon)

Update: After connected to the internet, you can download the latest diagnostic software directly to the X100 PAD.

Report: Users can view all the diagnostic reports and diagnostic data generated in the diagnosis process.

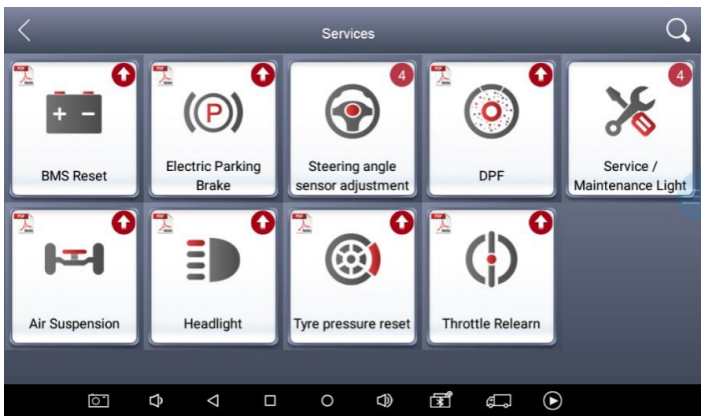
Remote: Users can get remote assistance from Xtool Technical Assistance Center.

2.3. Toolbar Function Buttons

Function Button	Descriptions
	Back to previous interface
	Back to the main interface of Android system
	Shows (recently used) applications
	Press for screenshot
	decrease volume
	Click this button to return to the diagnostic vehicle interface
	increase volume

3. Special Functions

After the cable and OBDII-16 connector is connected to the vehicle, diagnosis can be performed. The special functions interface is shown as below:

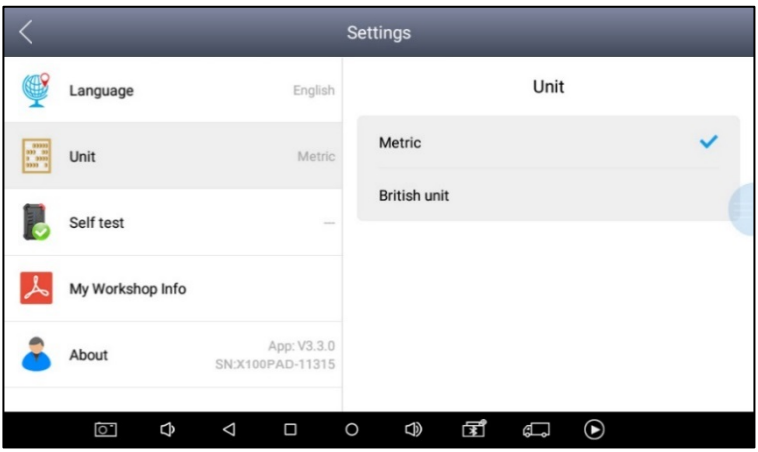


4. Setting

By selecting Setting users can set the language, unit and other system related options:

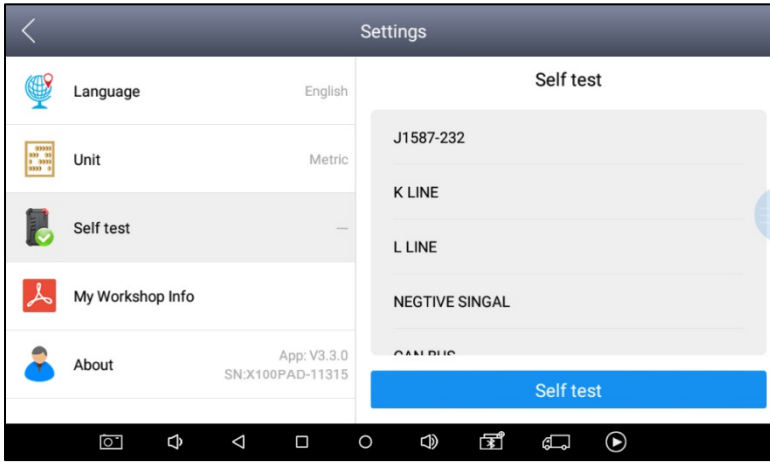
4.1. Languages: select the language. Please tick the required option from the multi-language options on the right.

4.2. Units: Select unit of measurement. Users can select METRIC or BRITISH UNIT.



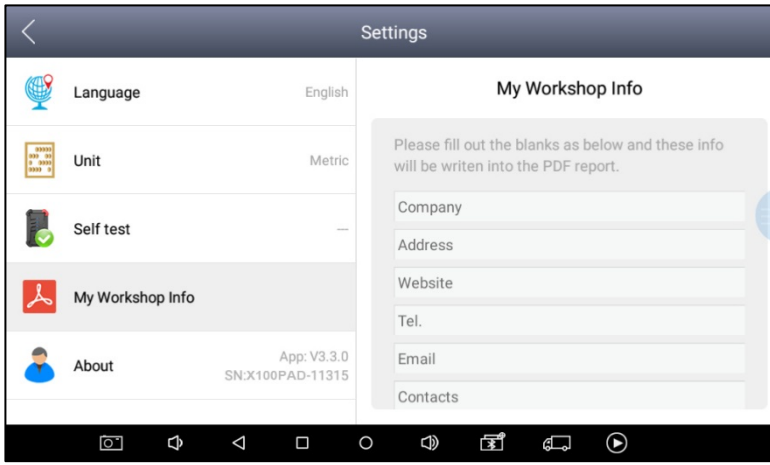
4.3. Device Self-test

Self-test the tablet. Please send X100 PAD back to our factory for repair if Self-test fails.



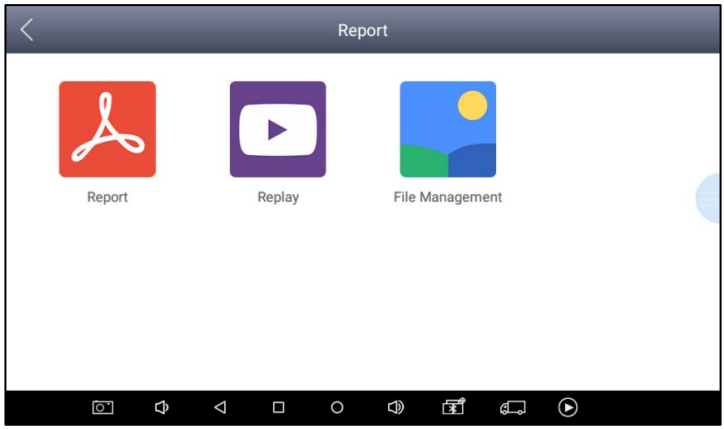
4.4. My Workshop Info

You can input your workshop info here. When generate PDF report it will show your workshop info.



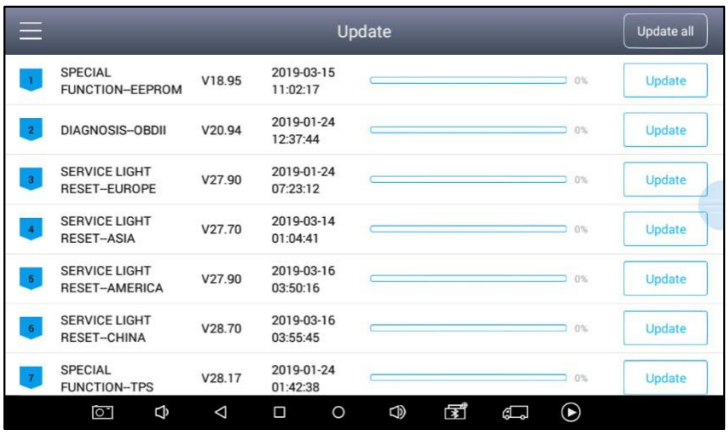
5. Diagnostic Report

Diagnostic Report is used for viewing and printing the saved files, such as Live Data, Trouble Codes or pictures generated in the process of diagnosis, users also can view a record of which cars have been previously tested. It includes three parts: PDF Files, Replay and File Management.



6. One Click Update

X100 PAD updates directly via the Internet. To access the update application, open the X100 PAD application and click UPDATE, shown below:



7. XCloud System (English Version is coming soon)

The Xtool cloud service platform allows X100 PAD users to look up maintenance information, share and access diagnosis test results and fault finding solutions, communicate with other X100 PAD users in our forum, and also access various online databases of maintenance and diagnostic skills and vehicle maintenance plans.

8. Remote Diagnosis

If users encounter problems and are not able to solve them, they can open this application and ask for remote assistance.

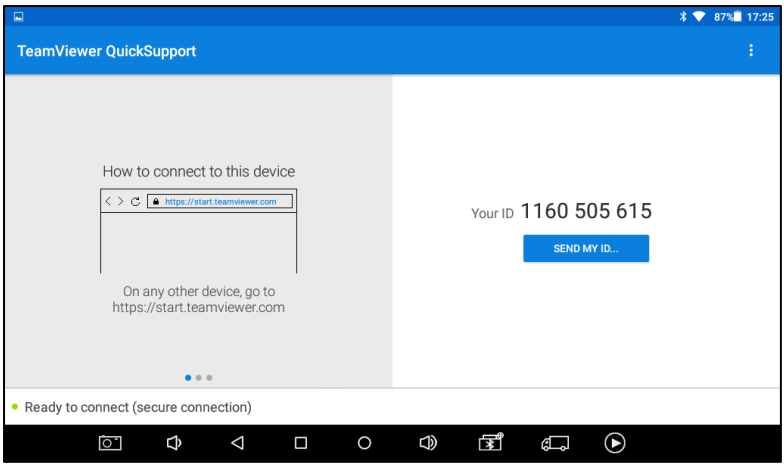
How to get remote assistance from Xtool Technical Assistance Center:

a. Open X100 PAD

b. Click Remote Diagnosis and open the TeamViewer interface. Generate and display device ID.

c. Your partner will also need to download and install TeamViewer.

d. Inform your partner of your TeamViewer ID and password to enable them to begin remote access of X100 PAD.



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