



T20

USER'S MANUAL

Phone Display



1.USB	2.Headphone jack	3. Receiver
4.Front camera	5.Touch screen	6.Voice +/-
7.Power key	8.Rear camera	9.Flashlight
10. Logo	11. Loudspeaker	

Content

Content.....	3
1 Introduction.....	5
1.1 Acknowledgement.....	5
1.2 Announcements.....	5
1.3 Safety Instruction.....	5
2 Quick Start Guide.....	7
2.1 Keys Function.....	7
2.2 Startup and Shutdown.....	7
2.3 USB Connection.....	8
3 Basic Setting.....	8
3.1 SIM Management.....	9
3.2 Wireless and Internet.....	10
3.3 Bluetooth.....	10
3.4 Airplane Mode.....	10
3.5 Storage.....	11
3.6 Safety setting.....	11
3.7 Language and Input Method.....	11
3.8 Backup and Reset.....	11
3.9 Date and Time.....	11
3.10 About Tablet.....	12
4 Multi-Media.....	12
4.1 Music.....	12
4.2 Photo Gallery.....	12
4.3 Camera.....	12
4.4 FM Radio.....	13
5 Communication Function.....	13
5.1 Phone.....	13
5.2 Text Message.....	13
6 Internet.....	13
6.1 Browser.....	13
6.2 Email.....	14
7 Other Application Procedures.....	14
7.1 Clock.....	14
7.2 Calculator.....	14

7.3 Recorder	14
8 Installation of Procedures.....	15
8.1 Installation.....	15
8.2 Uninstall.....	15
9 Troubles Shooting	16
10FCC Warning.....	17

1 Introduction

1.1 Acknowledgement

Thanks for your purchase of our product. T20 is a 7.1 inches high clear board computer. Its CPU is MT8321, it is based on Android 6.0 operation system, and easy to expand the third application procedure.

The manual systemically introduces the functions, use techniques and announcements, please read this manual carefully before your operation.

1.2 Announcements

Preventive maintenance

- Please always keep the MID dry. don't operate the device or charger by wet hand.
- To avoid failure of device, battery and charger, please prevent the device, battery, charger from violent shock or shake.
- To avoid failure of device, battery and charger, please prevent the device, battery, charger of all over heating or too cold circumstance
- Never shock, throw, prod the MID, or drop, extrude, bend the MID.
- Never disassemble the device and accessories arbitrarily, otherwise the device and accessories are not in our company warranty scope.

1.3 Safety Instruction

Before the operation of the MID, please read this chapter and teach your kids about these information. For further details, please refer to the safety instructions and announcement.

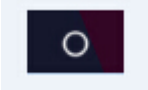
- Never use the MID when driving car, in order to ensure safe driving.
- In the medical area, please abide by related rules and regulations. Please shut down the MID when it is near to the medical area.
- To avoid the wireless signal to interrupt the plane- controlled signal, please shut down the MID or using airplane mode when you are boarding a flight,

- To avoid electronic equipment failure, please shut down the MID in the vicinage of high-accuracy electronic equipments.
- Please don't disassemble the MID and accessories. Only authorized agent has access to service the MID.
- Please keep the MID far away from magnetic equipments, the radiation of MID may erase the data stored in the magnetic equipments.
- Never use the MID in the vicinage of high temperature, inflammable gas (gas station).
- Protect the MID and accessories from kids reach scope, and avoid the kids to use the MID without parents' supervision.
- Please comply with related rules and regulations, and respect others' privacy and legal rights while using the MID.
- Please strictly adhere to related instructions in the manual when using USB cable to ensure the safety of the MID or PC.
- Never use the MID in bathroom or other humid environment, and please protect the MID from liquid wash or wet.

2 Quick Start Guide

2.1 Keys Function

Keys Function Description:

Power button	Short press to sleep/wake up, long press to startup and shutdown.
Volume + (up)	increase the volume
Volume - (down)	decrease the volume
HOME button (home) 	Click it in any interface will return to main interface.
Back button (back) 	click it in any interface will return to previous menu
Menu button 	This button will display in menu interface.
Setting button 	display recently browsed history

2.2 Startup and Shutdown

Startup

Long press **POWER key for three seconds**, you can enter into startup picture. The system enters into screen lock status, please unlock it.

Shutdown

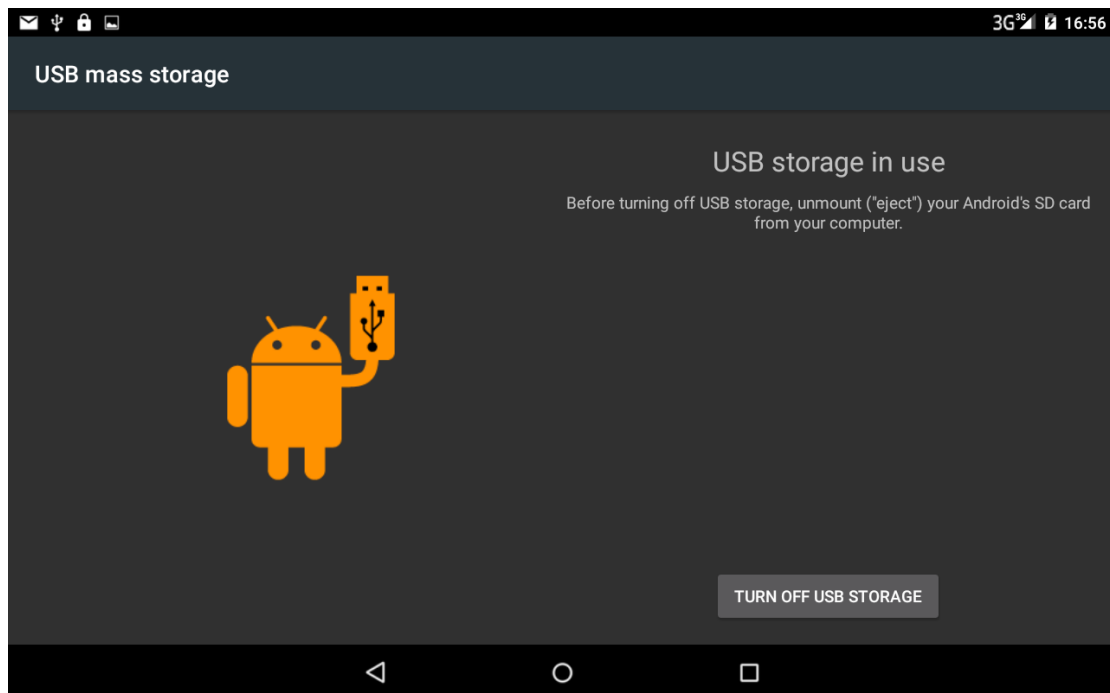
1. Long press POWER, it will popup shutdown window.
2. Shutdown window contains mute mode, airplane mode, reboot mode and shutdown four options.
3. Click Shutdown is the last step.

2.3 USB Connection

MID storage configuration

Before transmitting documents, you have to conduct storage configuration for your MID:

1. Connect the MID and computer by USB cable, the reminder column will show the remind information.
2. Open the reminder board; please view the MID status and reminder to learn how to open the board.
3. In the reminder board, click the “USB Connected”, it will as below Picture2.3, then click “open USB storage configuration”.
4. Now the USB is connected successfully.

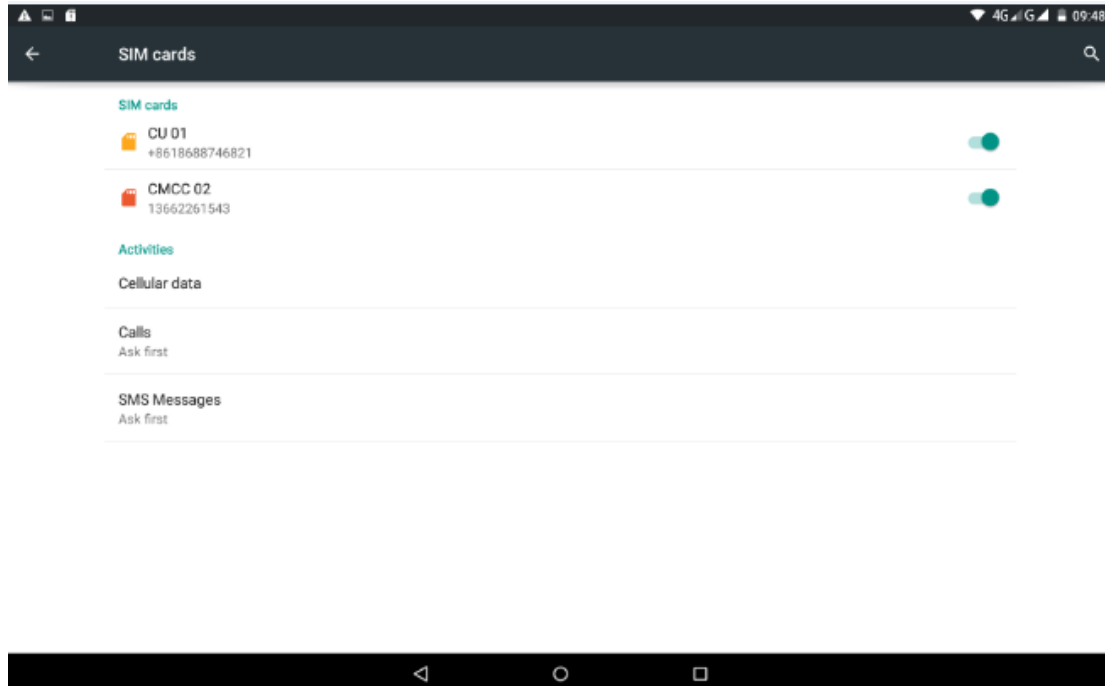


3 Basic Setting

3.1 SIM Management

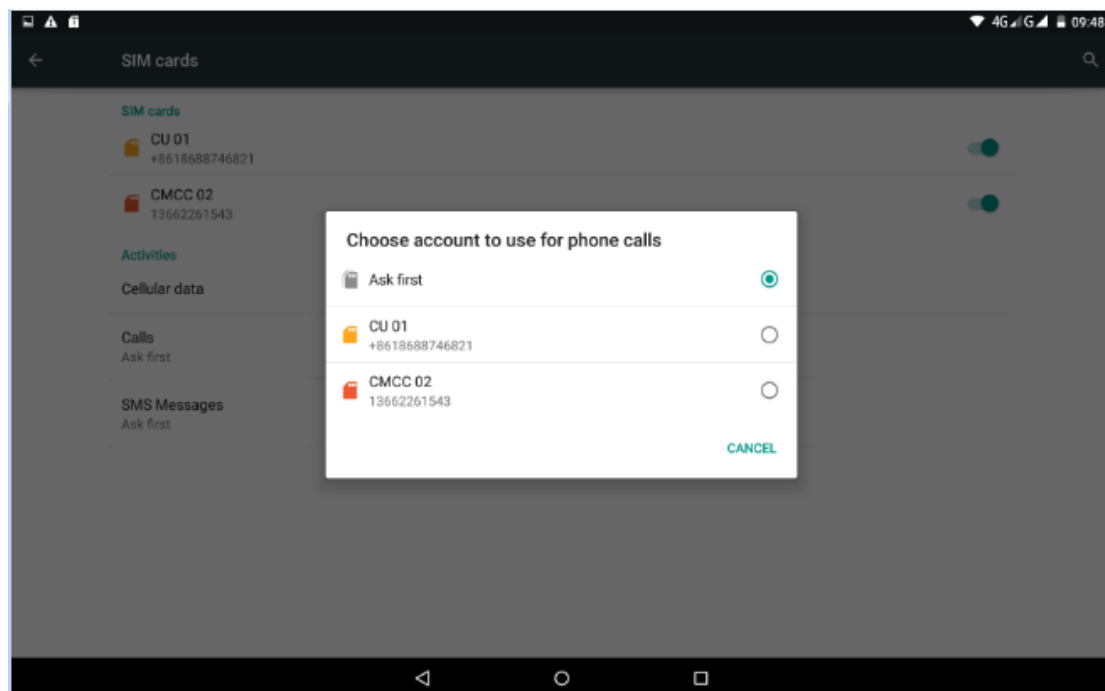
3.1-1 Voice call

Click settings in main menu, choose SIM Management, as Picture 3.1



Picture3.1

Click voice call, choose defaulted SIM card, as Picture3.2



Picture 3.2

3.2 Wireless and Internet

1. Connect Wi-Fi

- 1) In the main menu or interface, choose **setting** application procedure.
- 2) Click WLAN, open wifi, MID will automatically search the available Wifi wireless internet.
- 3) Choose the Wi-Fi internet you want to connect, if it has password, it will popup the password window, enter password, click connect.

3.3 Bluetooth

Bluetooth function operation

1. Click setting application in main menu interface
2. Click bluetooth and open it.
3. If somebody open bluetooth in your surroundings, click search device in right above, then MID will automatically search the bluetooth device nearby.
4. Click the available Bluetooth device, it will popup request window, enter into related password, and match the device to connect.
5. After match successfully, choose the operation you want to, click  to enter into .

3.4 Airplane Mode

Airplane Mode can turn off WIFI and GSM card function quickly, when airplane mode is turned on, WIFI and GSM can't get any signal, then airplane mode is turned off, WIFI and GSM module will recover to previous state.

3.5 Storage

Open setting function, click memory, click **preferred install location**, you can choose install new application to choose preferred install location.

Check SD card and MID storage space.

1. Enter into setting application.
2. Click storage, check storage space.

1. Internal storage

- (1) System storage

System storage is the space MID leave for system file. it can't be viewed.

3.6 Safety setting

Set locked screen

Lock the touch screen by unlock icon or password to protect your MID.

Note: After setting screen locked, you should enter the passcode each time when you startup or screen is locked

3.7 Language and Input Method

Click setting, select language and input method, choose language to switch language.

3.8 Backup and Reset

Connect WIFI and login your google account, choose **backup my data**, system will backup your data into google server.

If you need to recovery factory reset, please click reset, if you need to formulate NAND, please click reset tablet.

3.9 Date and Time

According to the preset, system will voluntarily apply the date, zone, and time provided by internet.

3.10 About Tablet

Check MID state

1. Check **Setting** application.
2. Click **about tablet**, check **state message**, **model**, **Android version**, **version No** and so on.
3. Click **state message**, check **battery state**, **battery volumne**, **SIM state**, **IMEI number**, **IP address**.

4 Multi-Media

4.1 Music

Enter into music player: in menu or desktop click music  icon to enter into music player, click the music you want to play

4.2 Photo Gallery

Photo gallery application can auto search photos and video files in SD card, and photo gallery will classify these photos and videos in folder. You can apply photo gallery to view and edit photos, set the photos as wallpaper and watch the video.

4.3 Camera

In the main interface or desktop, click camera application procedure , enter into camera

- Operation of camera ,Switch camera: choose **Menu** key, click **switch front/back camera**.

4.4 FM Radio



Click in the main interface or desktop to enter into FM radio interface:

You need to insert earphone as antenna when using FM radio, If no antenna, your MID can't search any frequency band.

5 Communication Function

5.1 Phone

1 Click **Phone** application procedure

5.2 Text Message

1 Enter into main menu, choose  application procedure.

6 Internet

6.1 Browser

In case of Wi-Fi or mobile internet is connected well, click IE browser  in the main menu or desktop to enter the IE interface.

Click address bar to input the website, click start, enter into related webpage, then you can browse the website information, and you can click the menu you can refresh ,save to bookmarks,,share page,bookmarks,,history and setting the webpage.

6.2 Email

Email application procedure contains email setting guide, you can add the external POP3 OR IMAP email account of normal web email service provider (For instance, Yahoo, Gmail, Hotmail and 163).

7 Other Application Procedures

7.1 Clock

Click **Clock** procedure, enter into below interface as Picture 9.1.

There are clock, picture, music and homepage buttons.

7.2 Calculator



1. Click.
2. Enter into the basic board of calculator.
3. Soft touch the numbers or operator in calculator to calculate.

7.3 Recorder

In the main interface or desktop, click recorder icon  to enter into record interface, click

record key  to start record. Click Stop key  to stop recording. Click Play key  to play the recorded sound. The system will auto remind you to use or abandon this record, please choose it manually.

Play the record: choose the video player to play the recorded sound, choose the recorded sound in the source manager, and click it to play.

8 Installation of Procedures

8.1 Installation

Install the third party application procedure

1. Click “file manager” application procedure; choose the application procedure you need to install.
2. Hold the application procedure you need to install.
3. It popup **install**, click **install apk**.
4. Finish the installation as guide, it will operate.

Note: The third party procedure searched from internet to use on the system are all suffixed with .apk.

8.2 Uninstall

Uninstall application procedure

1. Click setting icon in main interface.
2. Click **manage application procedure**, list all the application procedures insralled in the system.
3. Click the APK you want to uninstall, click **uninstall**.
4. Click **confirm** to finish uninstallation.

Skill: The procedure manager installed by system has many convinient methods to uninstal after opening procedure manager, click uninstall, it will list all the application procedures installed by system.

9 Troubles Shooting

1. The first startup of MID is slow

After the MID system upgraded, the first startup need to install the pre-installed application softwares, the lead time is around 2-3 minutes, the startup afterwards will be much quicker.

2. MID can't connect Wi-Fi

- Make sure the wireless router of internet service can work in normal.
- Ensure the MID and wireless router in certain distance, and no wall or other barrier between them.
- Ensure the user name and password both correct.

3. MID feels hot

When many application procedures are used in meanwhile, or the brightness of screen open to the lightest or under charging, MID may feel fever. It is normal.

4. Email can't be set or Registration of application procedure.

- Ensure your internet is well connected.
- Make sure your email setting way is correct.
- Keep your system time and local time consitent.

5. The system is abnormal and can't work.

When you install some third party application procedure, it may cause abnormal work, you can press **Reset key**(next to power port) to reset the system.

6. The webpage can't be opened

- Please keep the distance between from route to MID in effective range.
- Please restart WIFI and try again.

7. MID works terribly slow sometimes

It is normal phenomenon. Please turn off some application you don't need in advanced task management, or uninstall some third party application to release more system resource.

10 FCC Warning

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: 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.

Specific Absorption Rate (SAR) information:

SAR tests 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. Before a new device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, tests for each device are performed in positions and locations as required by the FCC.

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal.

Non-compliance with the above restrictions may result in violation of RF exposure guidelines