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# 1 Introduction

## 1.1 Acknowledgement

Thanks for your purchase of our product HM-PAN-110, is a 10inches high clear board computer. Its CPU is MT8788, it is based on Android 9.0 operation system, and easy to expand the third application procedure.

## 1.2 Announcements

### Preventive maintenance

- Please always keep the MID dry. To avoid the device short trouble, corrosion fault and electric short, please prevent the device, battery and charger from water and moisture, and 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 Abbreviation/Terminology

Abbreviation/Terminology	Full Name	Description
WIFI	Wireless Fidelity	Base on IEEE 802.11b/g/n standard wireless LAN
OTG	OTG Udisk	Please use an adapter cable to connect OTG

# 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
<b>HOME button</b> (home) 	Click it in any interface will return to main interface.
<b>Back button</b> (back) 	click it in any interface will return to previous menu
<b>Menu button</b> 	This button will display in menu interface.
<b>Setting button</b> 	display recently browsed history; double click this button, you can switch between the last two applications

## 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 reboot mode, airplane mode and power off mode three options.
3. Click power off is the last step.

## 2.3 Open and Close of the Screen

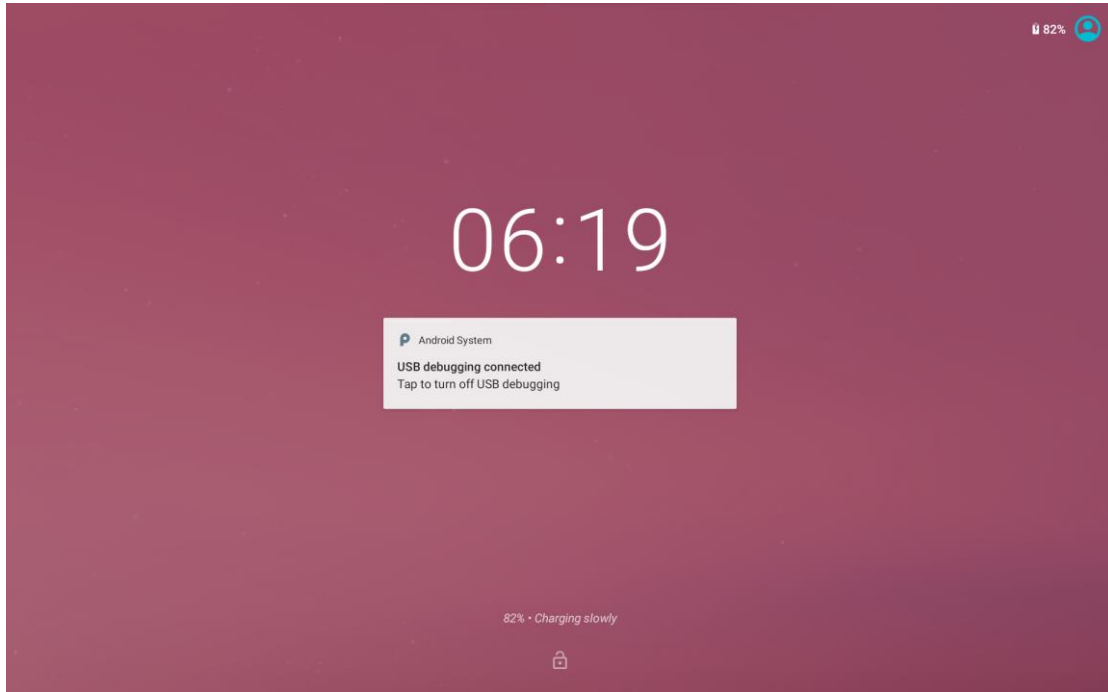
**Screen will be closed on its own when no operation happens.**

1. Screen will be closed on its own if no operation happens for some time to save battery power

2. When screen is open, press POWER key, the screen will be closed immediately.

### **Open the screen when it is closed.**

If the screen is closed, short press POWER to open the screen. The screen will be locked open it, it will show the picture as below picture, left slide to unlock and enter into camera, right slide the unlock icon and enter into Voice Search , upward slide unlock the screen.



**Picture 3.3-1**

## **2.4 Usage of Touch Screen**

### **MID operating methods**

There are below methods to view the main screen, menu and application procedure in your MID.

#### **Click**

When you want to use the screen keyboard typing or choose application in the main interface, you only need to touch it by your finger.

#### **Press on**

If you want to open some item(textbox or the link in the webpage), or shortcut and main procedure move, you can press on this item.

#### **Quickly slide or slide indicates**

Quickly slide or slide indicates make quick vertical or horizon movement by finger.

#### **Pull**

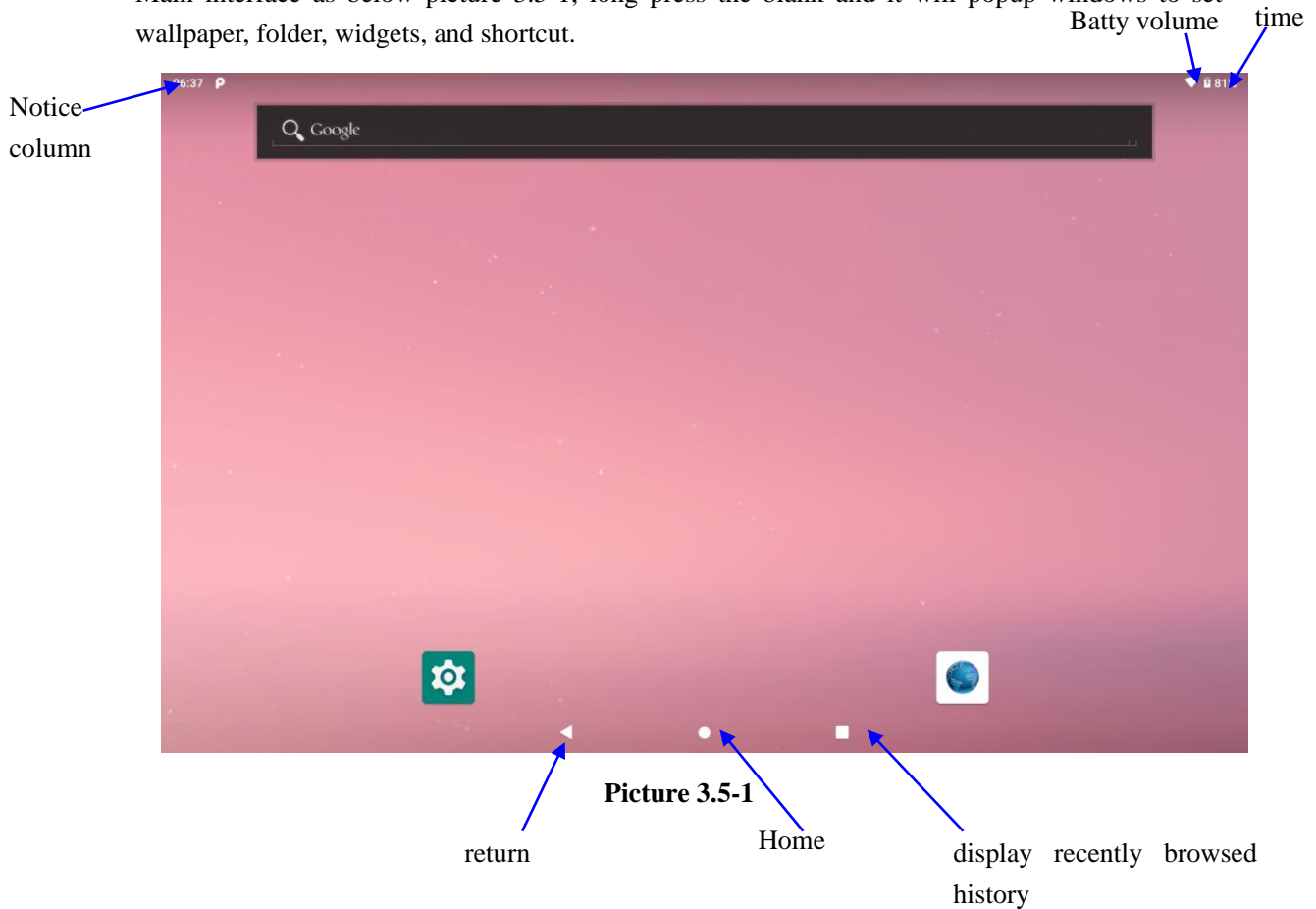
Before you pull, you need to hold the it with strength until you pull it into the position you want.

## Rotate

For most pictures, you only need to rotate the MID sidewise to change the screen direction from horizon to vertical. For instance, when you are typing words, and watching movies.

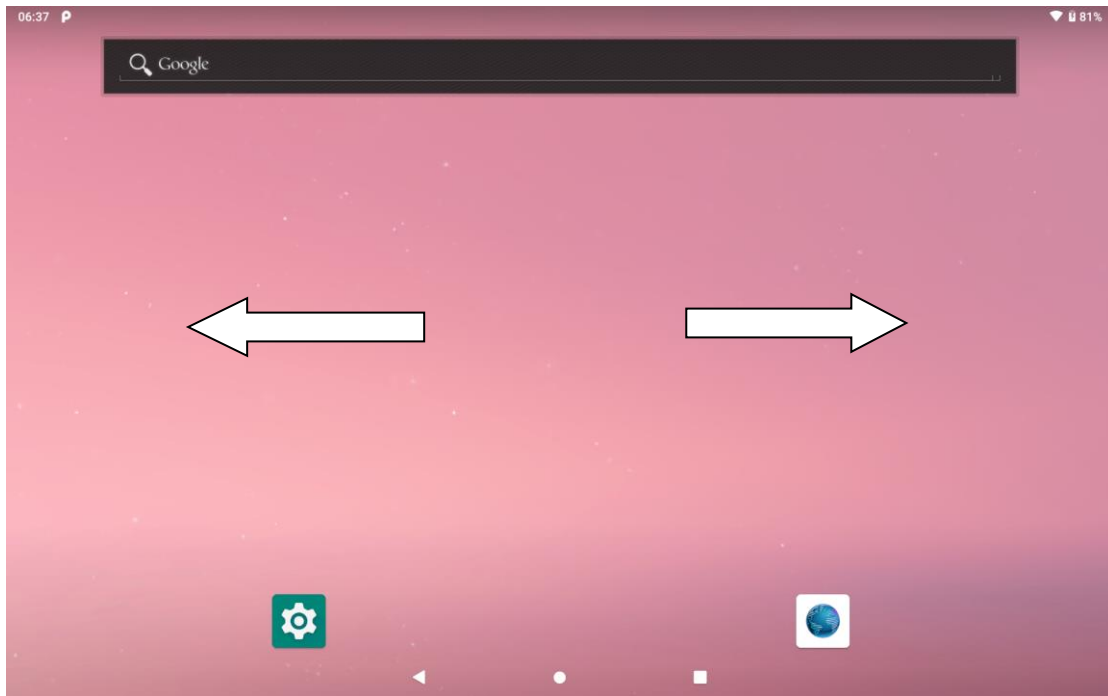
## 2.5 Home Page

Main interface as below picture 3.5-1, long press the blank and it will popup windows to set wallpaper, folder, widgets, and shortcut.



### The extended home page

The home page can be extended beyond the wideness of screen to provide more space, which you can put new-added shortcuts and widgets. Click the blank space in home page then slide right or left to extend to the right or left of the screen. In the home page, there are two extended pictures, as Picture 3.5-2.

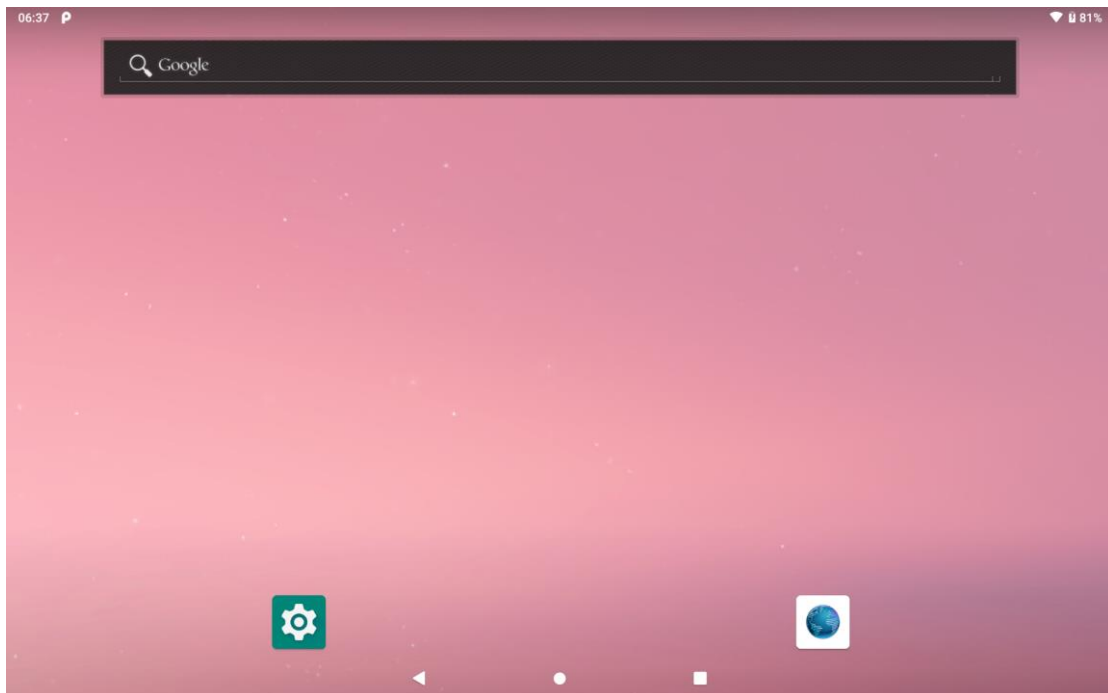


**Picture 3.5-2**

**The shortcut icons management in desktop application.**

**Create folder icon in desktop**

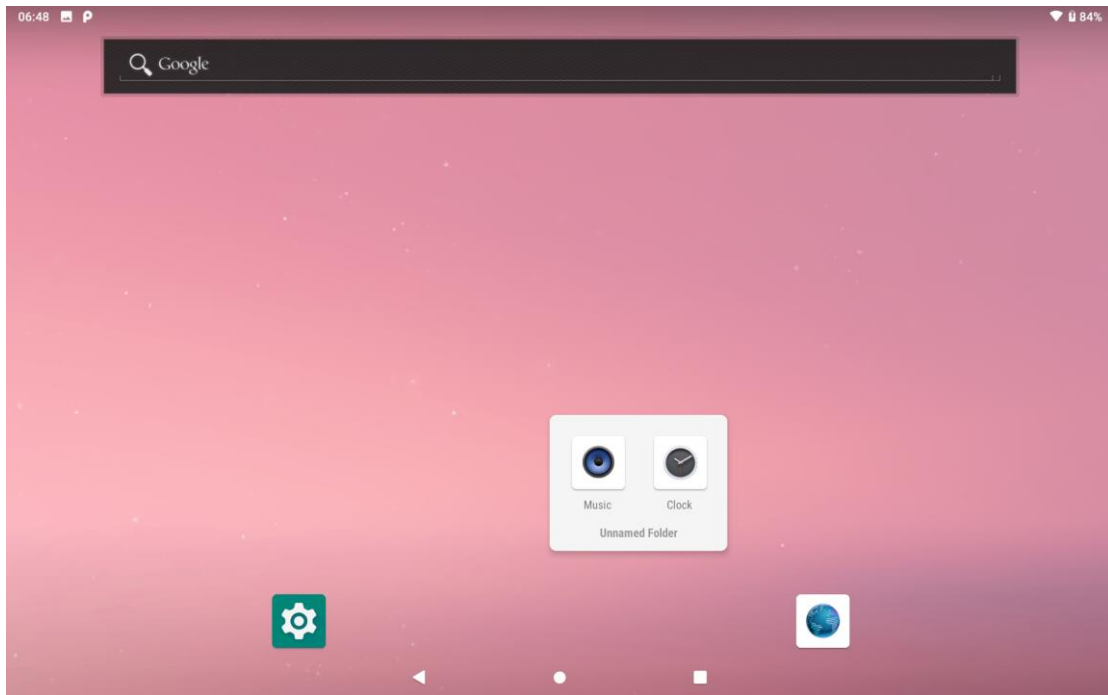
1. Drag the icons need to be put together on one icon(can also overlay several icons)as Picture 3.5-3.



**Picture 3.5-3**

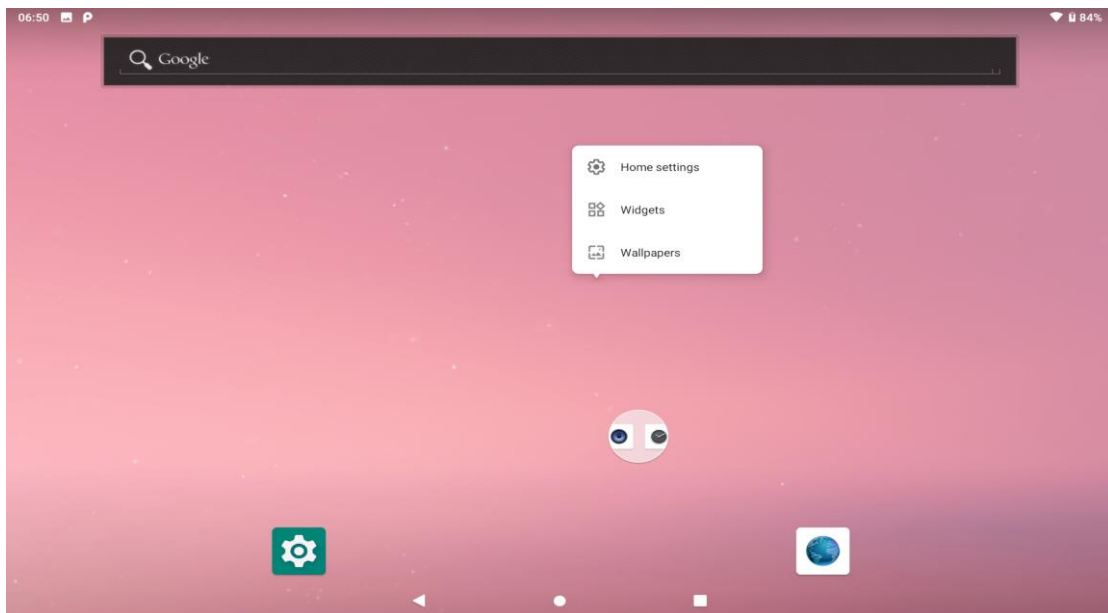
2. Then click the overlaid icons, the applications can be folded, as Picture 3.5-4.

Click the unnamed folder in the black box, it will popup the hidden keyboard, the folder name can be renamed (this is similar with Apple IOS system), the icons position can be changed through long press.



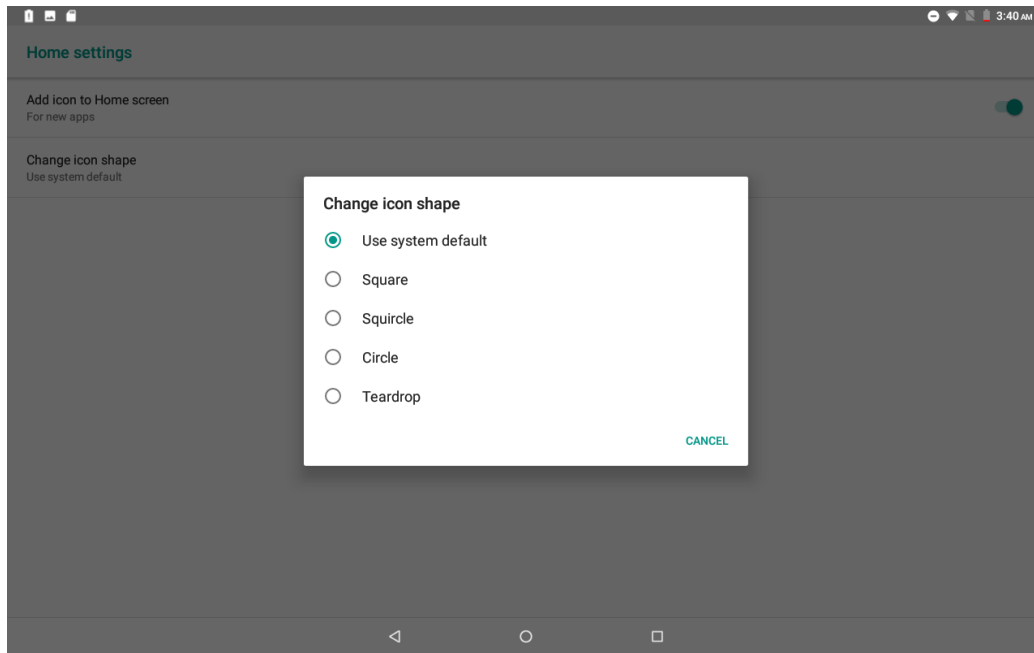
**Picture 3.5-4**

3. Long press to enter the home screen settings, as Picture 3.5-5. you can set different application icon shapes, such as square, squircle, circle, teardrop as Picture 3.5-6




**Picture 3.5-5**





**Picture 3.5-6**


### **Remove the icons in desktop**

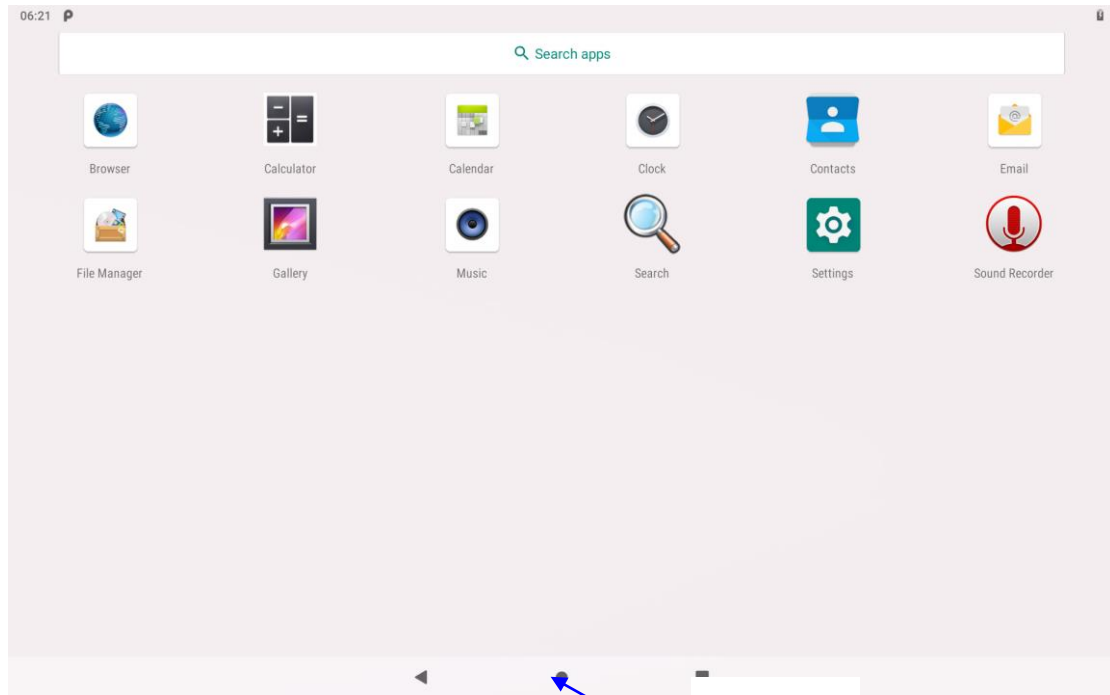
1. Long press the icons need to be remove, then on the right above of the screen, it will appear  icons.
2. Drag the icon to the above of the remove icon, till the icon become red, then move your finger to delete the icon.

### **Change the wallpaper of desktop**

1. In home page, long press any blank space in main screen, it will popup a window to change the wallpaper.
2. Click the gallery or wallpaper gallery to select the wallpaper.

## 2.6 Visit Application Procedures

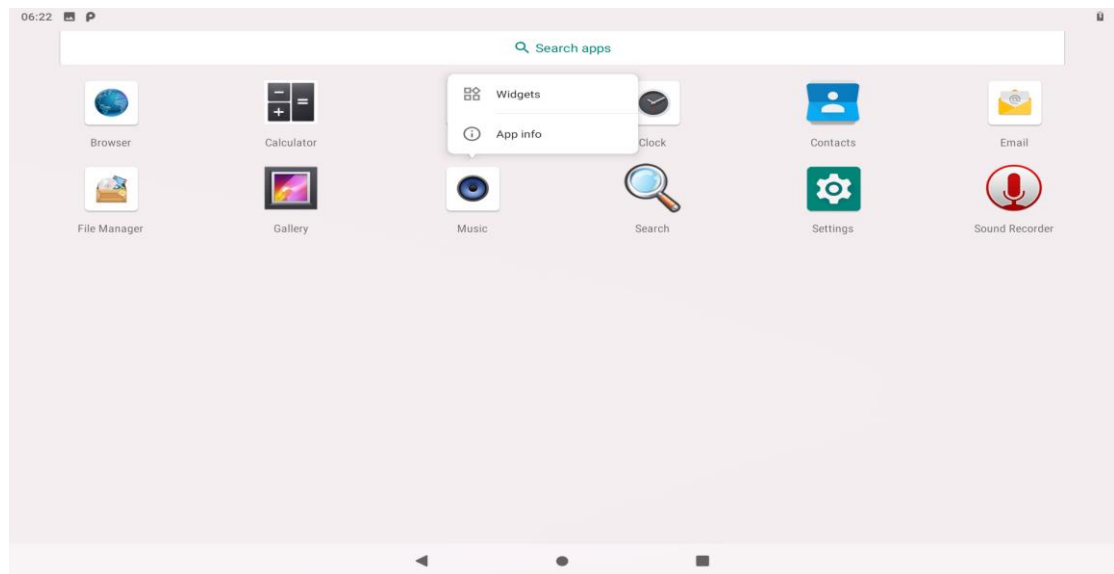
Click  in right top of Picture 3.5-1, enter into main interface as Picture 3.6-1, choose the application procedure you want to visit.



**Picture 3.6-1** Return to home page

### PinnedShortcuts

If you press an application software, you can pop-up the sub menu, and then you can use this way to use some functions of the application quickly as Picture 3.6-2



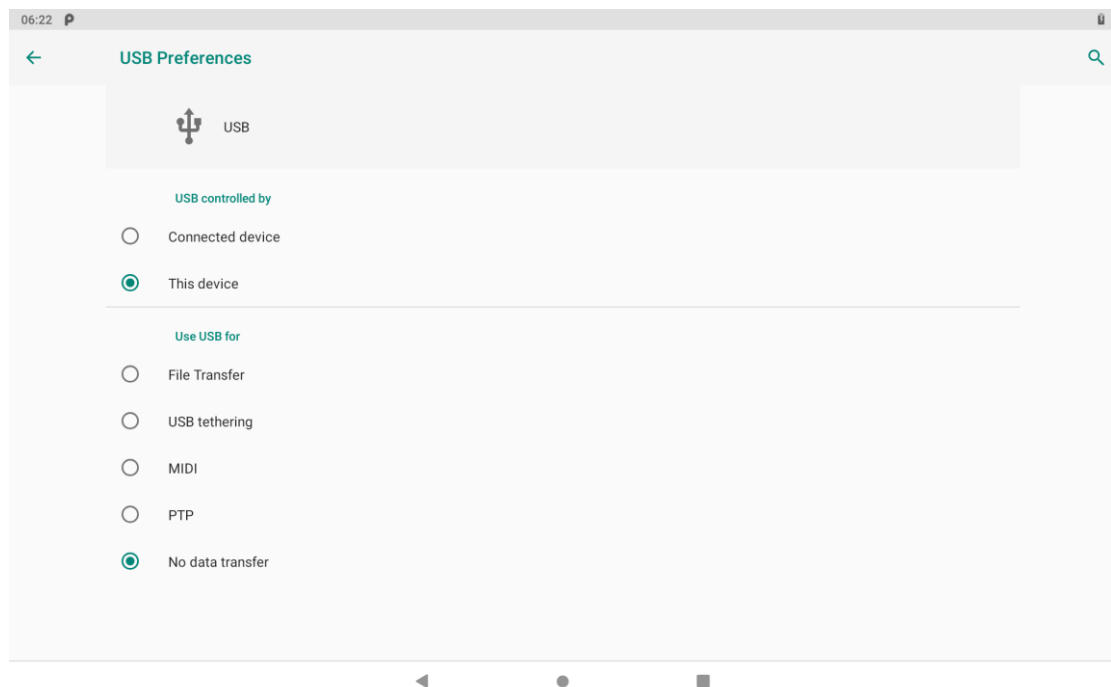
**Picture 3.6-2**

## 2.7 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 for file transfer”, it will as below Picture 3.7-1, then click “File transfers”.
4. Now the USB is connected successfully.



Picture 3.7-1

### Copy the document into memory card

1. Connect the MID to computer with USB cable.
2. As MID storage configuration, it is connected with computer successfully.
3. Open the “My computer” in your computer, check the items in “MTP devices”.
4. Copy the documents you need into “MTP devices”.
5. After copying finishes, unplug the USB can.

## 2.8 Typing words

### Use the screen keyboard

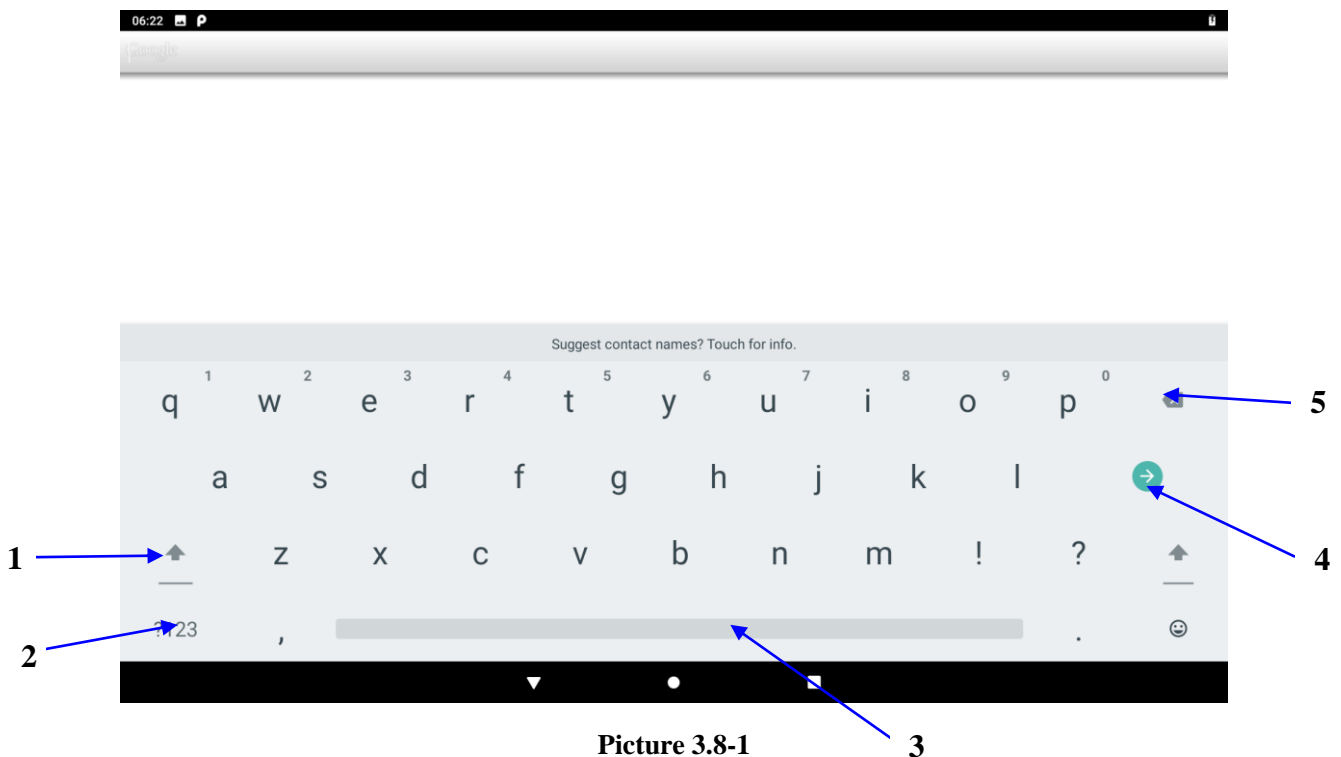
When you start the procedure or choose the words or numbers edition, it will show the screen keyboard. The keyboard contains below typing options:

1. Android keyboard

### Choose the typing method you want

1. Click Setting procedure application.
2. Click Language and Keyboard.
3. In the text setting area will reveal all the installed words-typing methods in your MID.
4. Tick the typing method you want.

### Use and switch of input method



Picture 3.8-1

1	switch the capital and small letter
2	switch the mode of words input
3	click to insert the space
4	click input to execute

5	delete the character in the left of cursor, click and hold to delete all the characters in the left on the cursor.
---	--

## 2.9 Operation Technique

### Enter widgets interface

In the application interface, click widgets on the above of screen, or slide the screen, it will switch into widgets interface. Long press any widget to create its shortcut, then you can enter into the application through the shortcut icon.

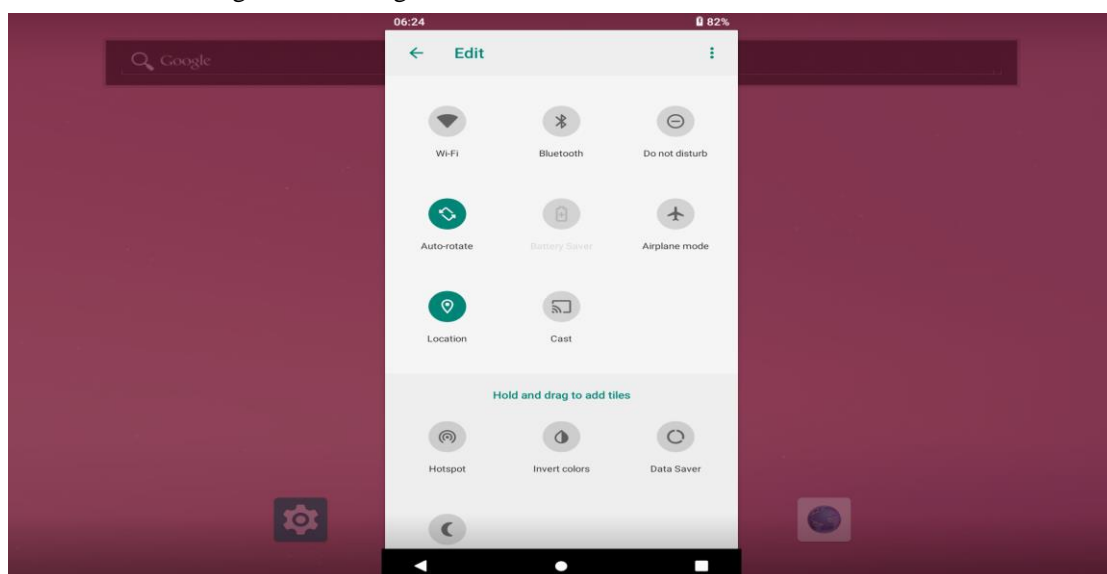
### Create application shortcut icons in the desktop

In the application interface or widgets interface, long press any icon to switch into desktop automatically, drag and hold the icon, you can move to any position in the desktop.

Remind: If the target position has no space, the widget won't be add in the main screen.

## 2.10 Quick Setting

Swipe-down gesture from the top of the screen, there are nine shortcuts icons, such as Wi-Fi, Bluetooth, Auto-rotate, and so on. In the full Quick Settings list you can also tap the edit button at the bottom right to rearrange the tiles or replace them with others, as Picture 3.10-1. The optional extras list is pretty minimal: Just Hotspot, Data saver and Invert colors. But developers are now able to create custom Quick Settings tiles for their apps, which will definitely make things a lot more interesting in the coming mouths.



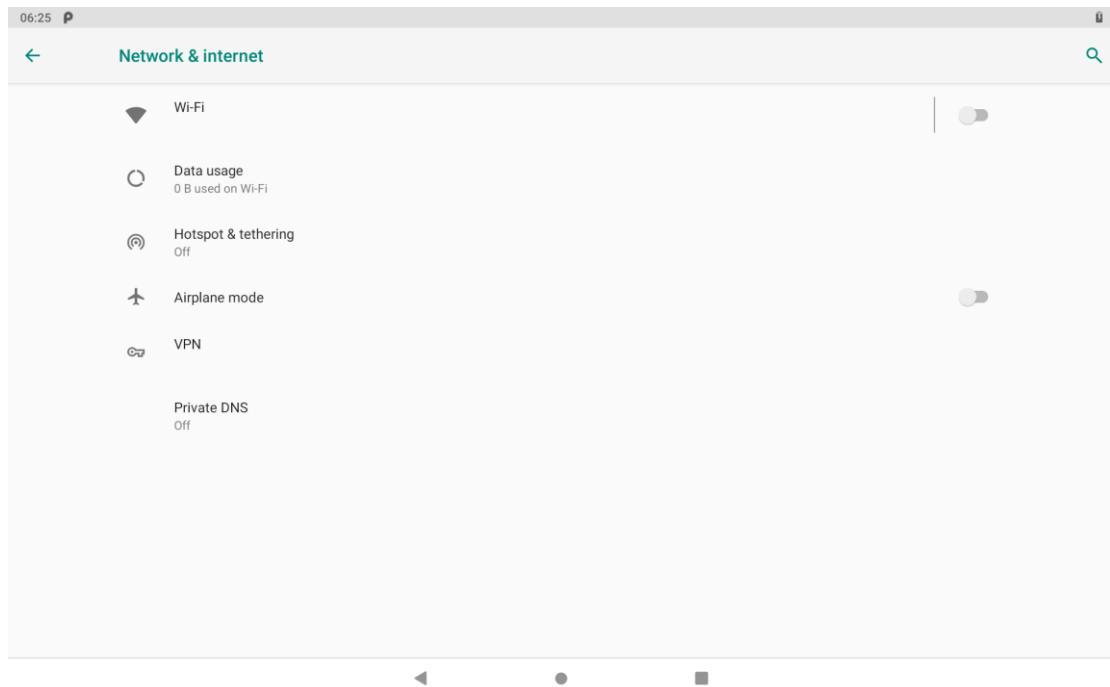
Picture 3.10-1

# 3 Basic Setting

## 3.1 Network and Internet

Reset Wi-Fi、 mobile&Bluetooth

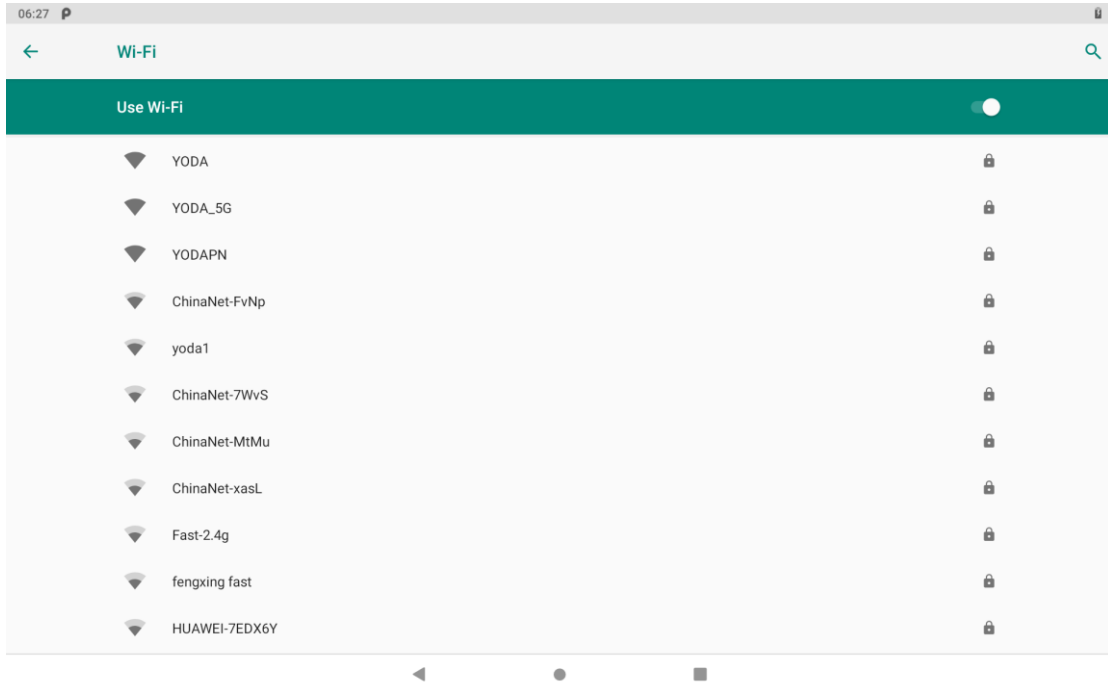
Click  icon in right top of Picture , as Picture 4.1-1, select Reset Wi-Fi、 Bluetooth



Picture 4.1-1

### 3.1.1. Connect Wi-Fi

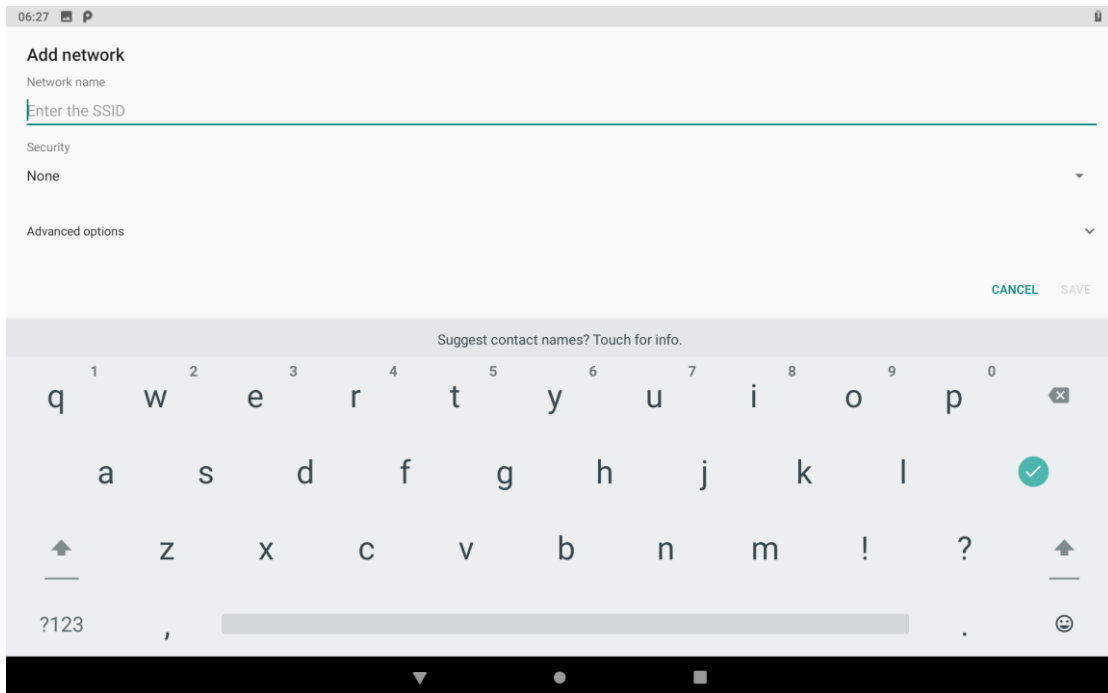
- 1) In the main menu or interface, choose **setting** application procedure.
- 2) Click WLAN, open wifi, MID will automatically search the available Wifi wireless internet. As Picture 4.1-3
- 3) Choose the Wi-Fi internet you want to connect, if it has password, it will popup the password window, enter password, click connect.



Picture 4.1-3

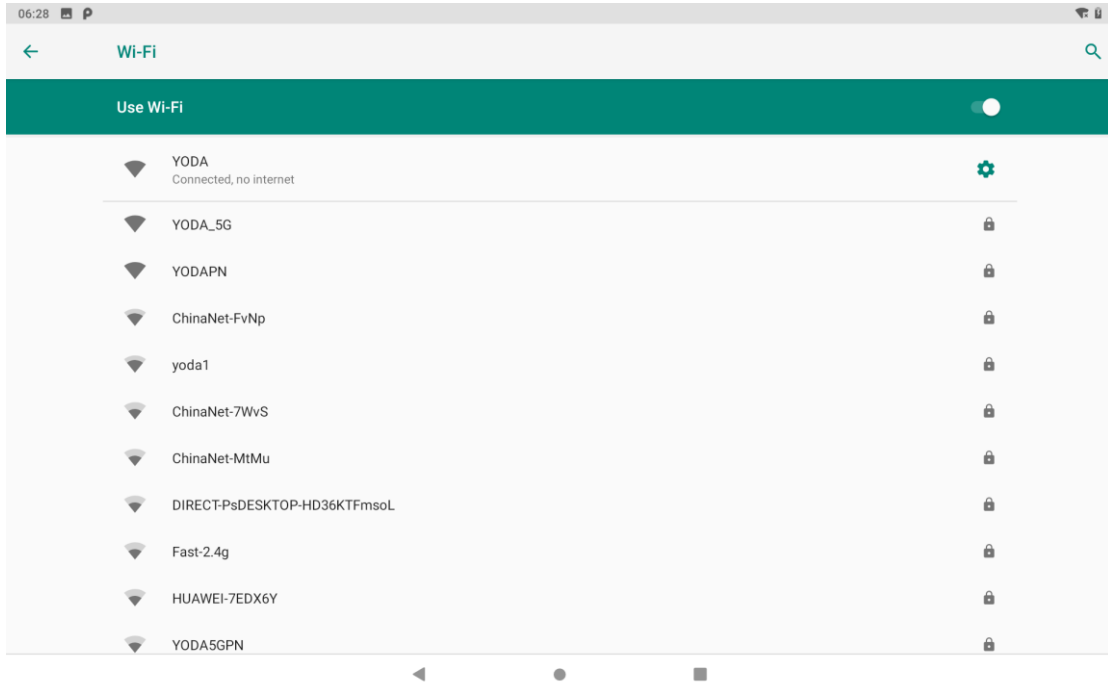
### 1. Add Network

- 1) Click **Add network** icon in right top, as Picture 4.1-4



Picture 4.1-4

- 2) Input network SSID, the wireless network name, click save.
- 3) Click user name already saved, click connect to use network, as Picture 4.1-5



**Picture 4.1-5**

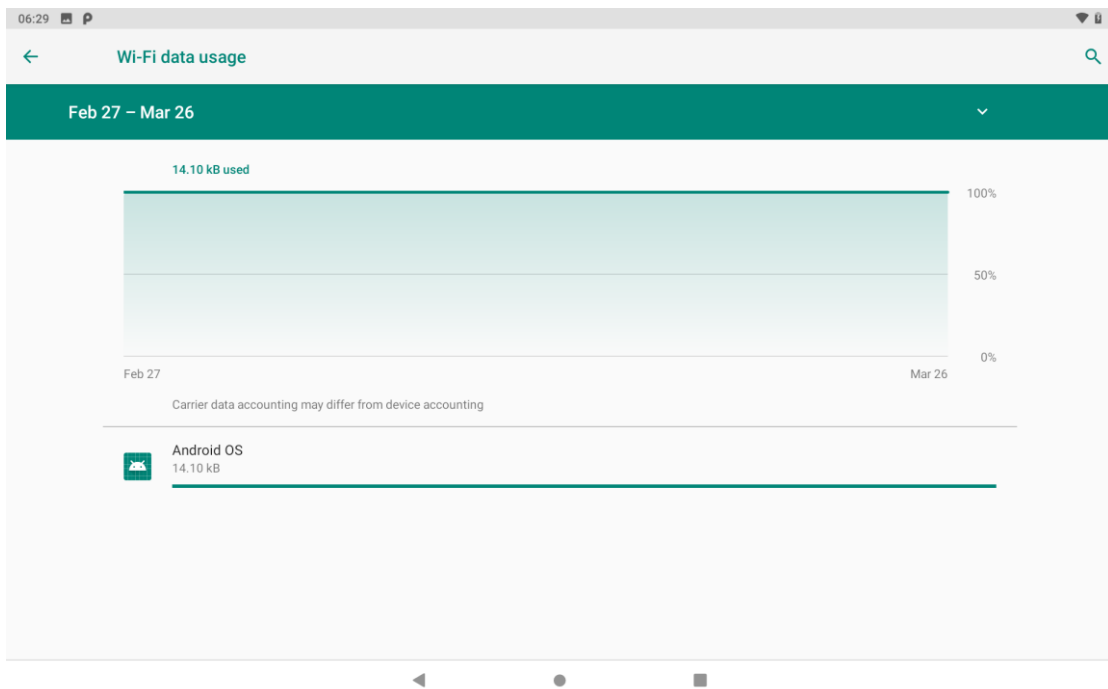
## 2. Network Notice

If you open Network Notice, when WIFI signal appears, the right bottom will remind you available WLAN network, as Picture 4.1-3

**Picture 4.1-7**

## Check WIFI data usage

Slide on the data usage page to find “Wi-Fi data usage” and click it, as Picture 4.1-8



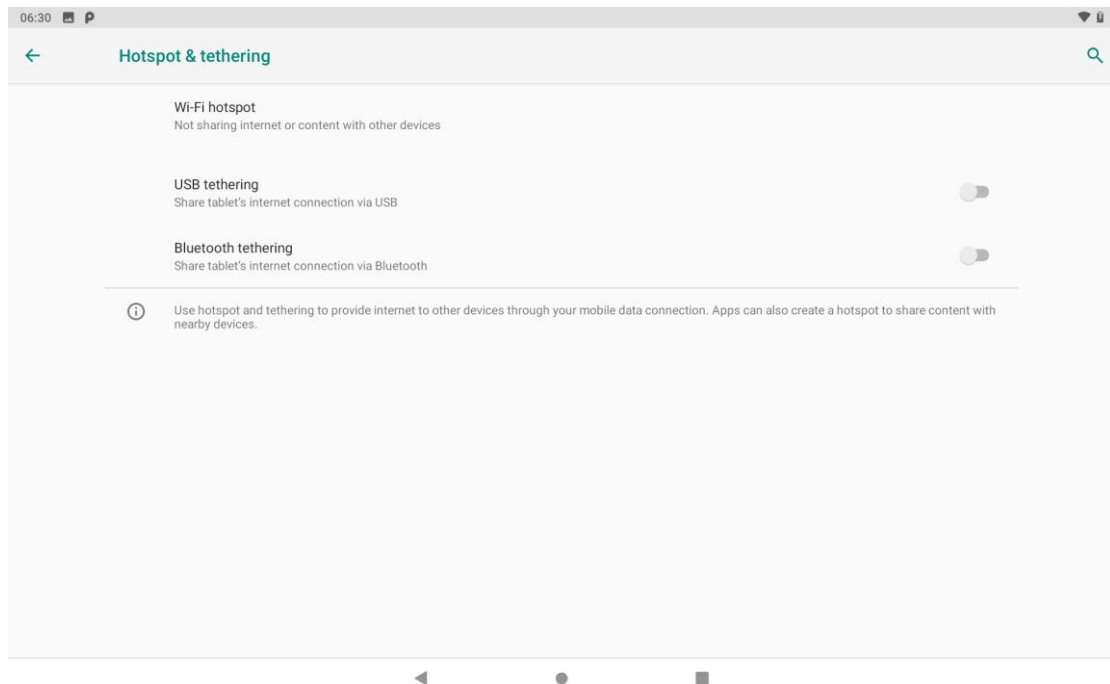


**Picture 4.1-8**

### **3.1-4 Network sharing and portable hotspots**

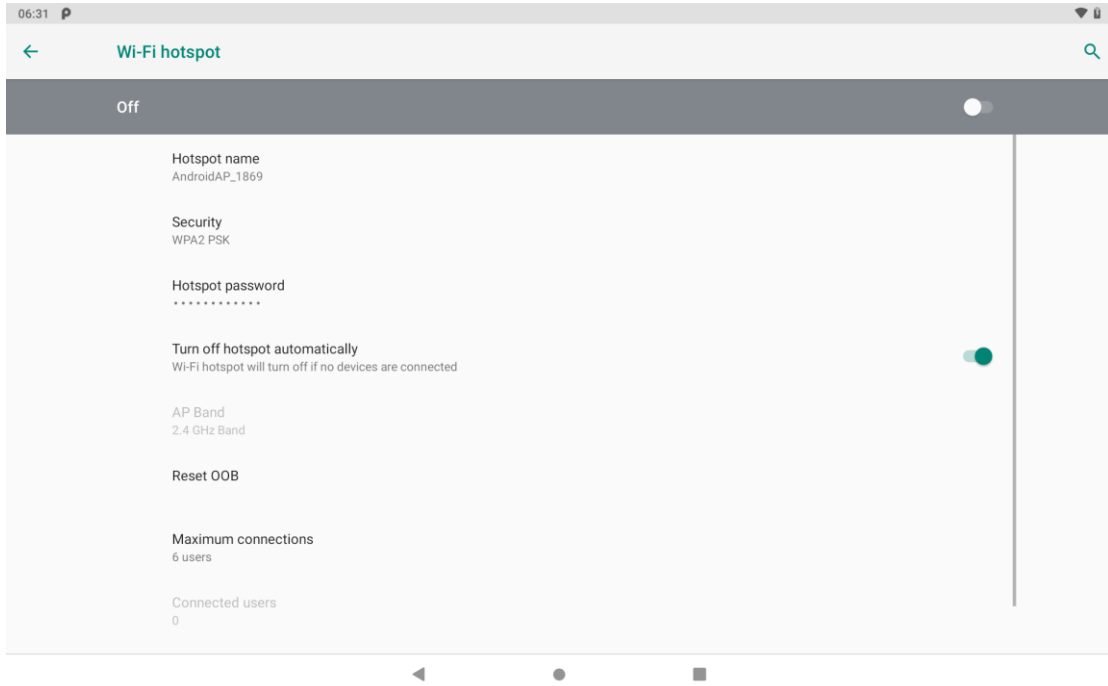
Portable WI-FI hotspots

1. Click setting application in main menu.
2. Click more when wifi is well connected, open network share and portable hotspot



**Picture 4.1-9**

3. Click **keep WI-FI hotspots on**, choose open time.
4. Return to previous menu, open portable WLAN hotspots, click Set up WI-FI hotspots as Picture 4.1-10

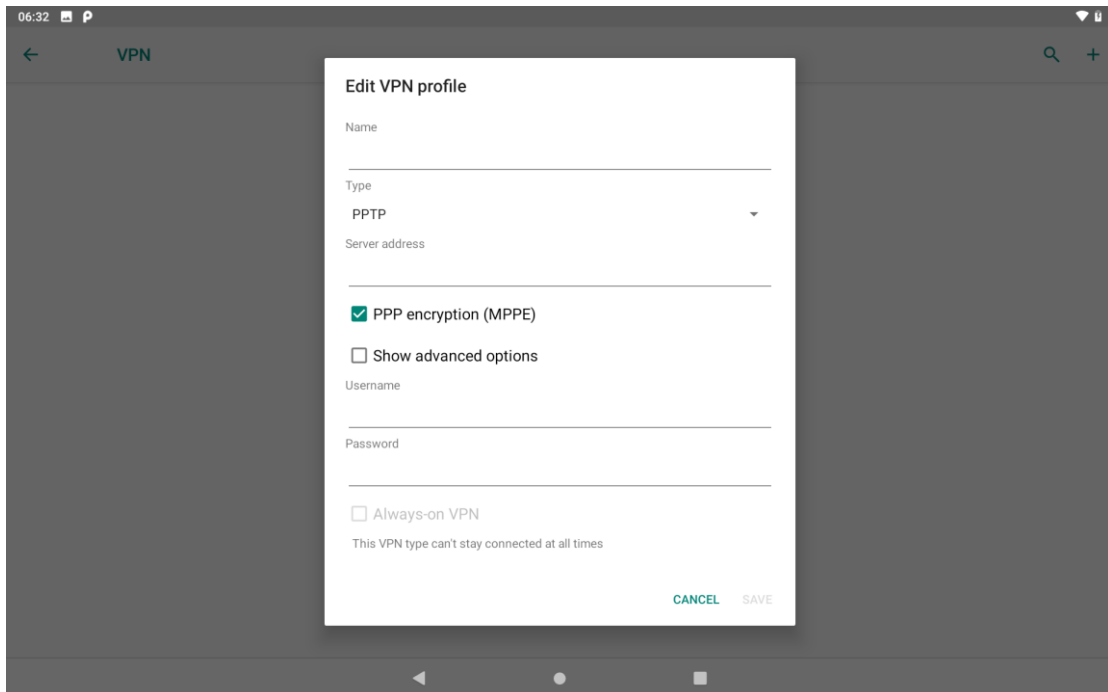


**Picture 4.1-10**

5. Set passwords you want to, password should be more than 8 numbers.

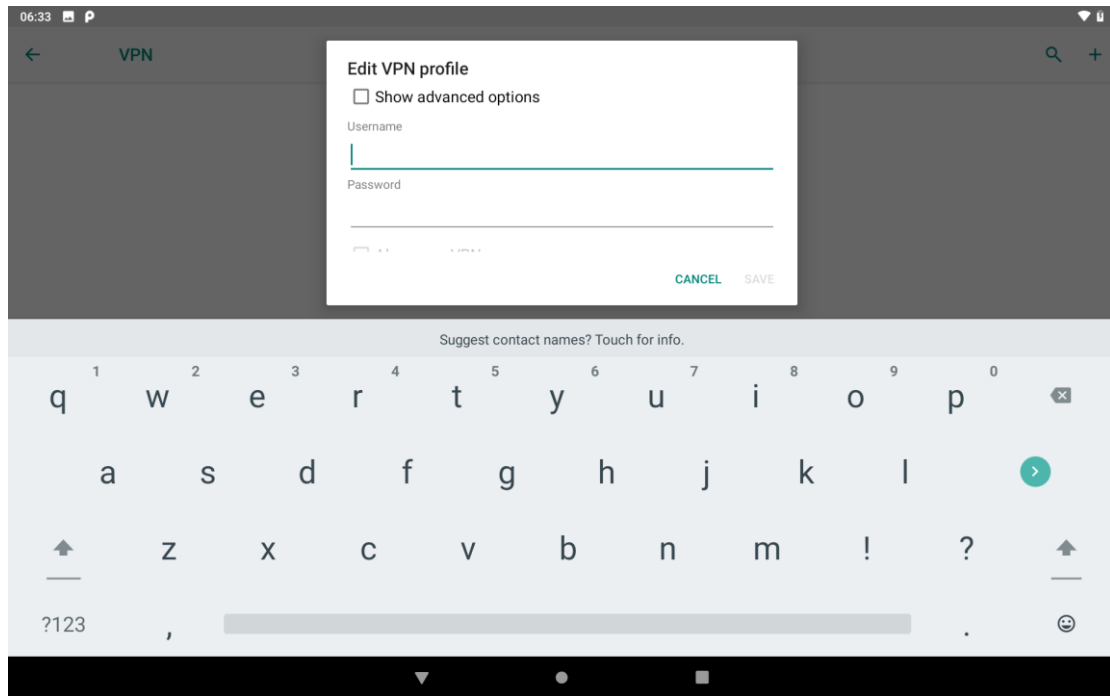
### 3.1-5 VPN

Open VPN, click **add VPN network**, as Picture 4.1-11. Input **name** and server address, then save.



**Picture 4.1-11**

Click VPN, as Picture 4.1-12, input VPN user name and password, click connect.



Picture 4.1-12

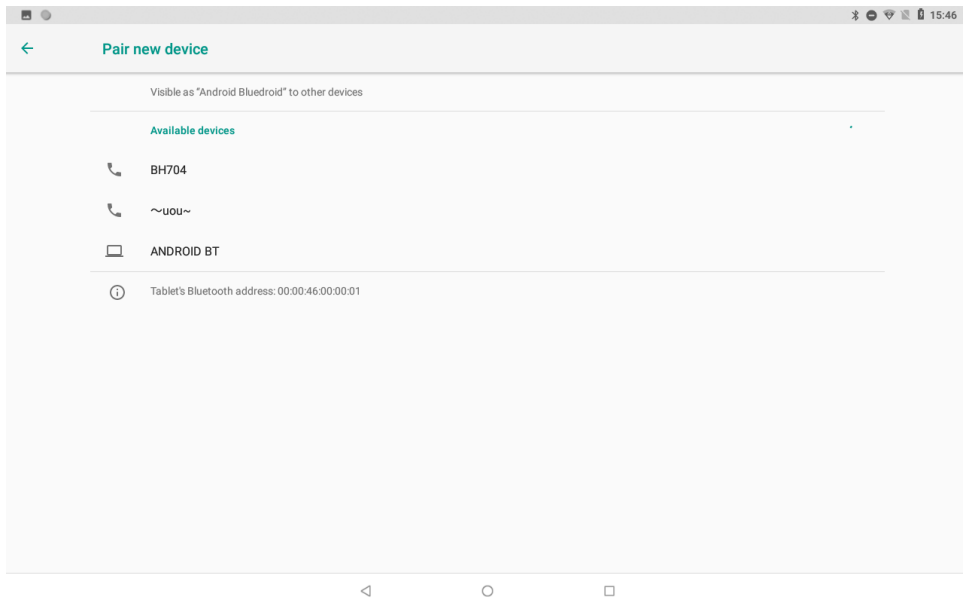
### 3.1-6 Airplane Mode

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.

## 4.2 Bluetooth


### Bluetooth function operation

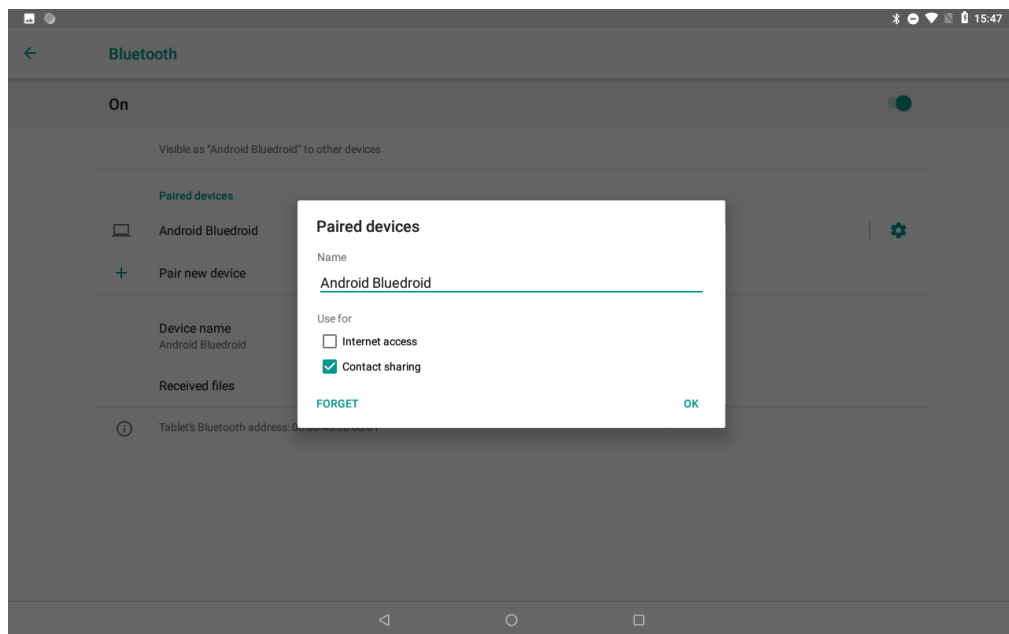
1. Click setting application in main menu interface
2. Click **Bluetooth** and open it.
3. If somebody open Bluetooth in your surroundings, click search device in right above, then MID will automatically search the Bluetooth device nearby. As picture 4.2-1



**Picture 4.2-1**

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 Picture 4.2-2.

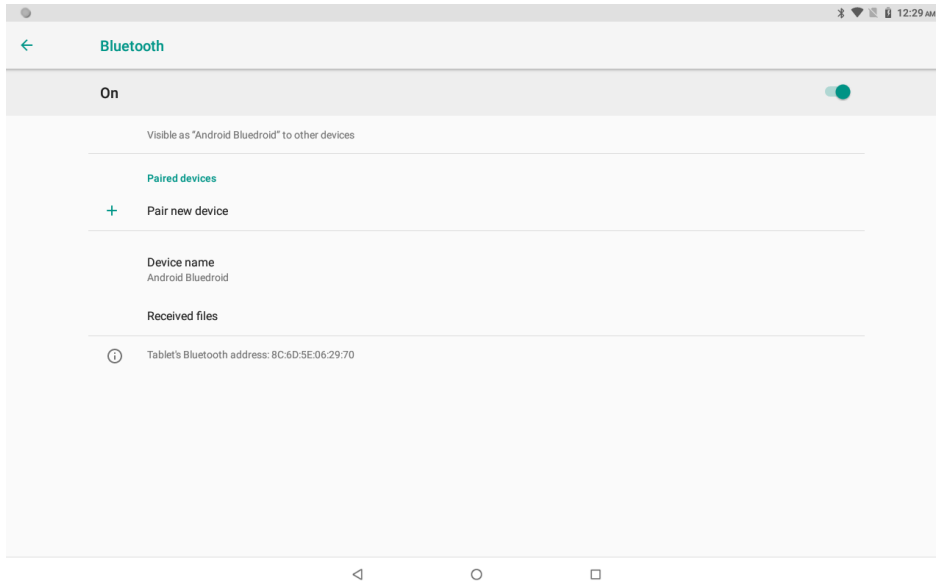


**Picture 4.2-2**

### **Bluetooth setting**

1. Rename tablet

Click  icon in right top of Picture 4.5, as Picture 4.2-3, select rename tablet, you can rename it as you want



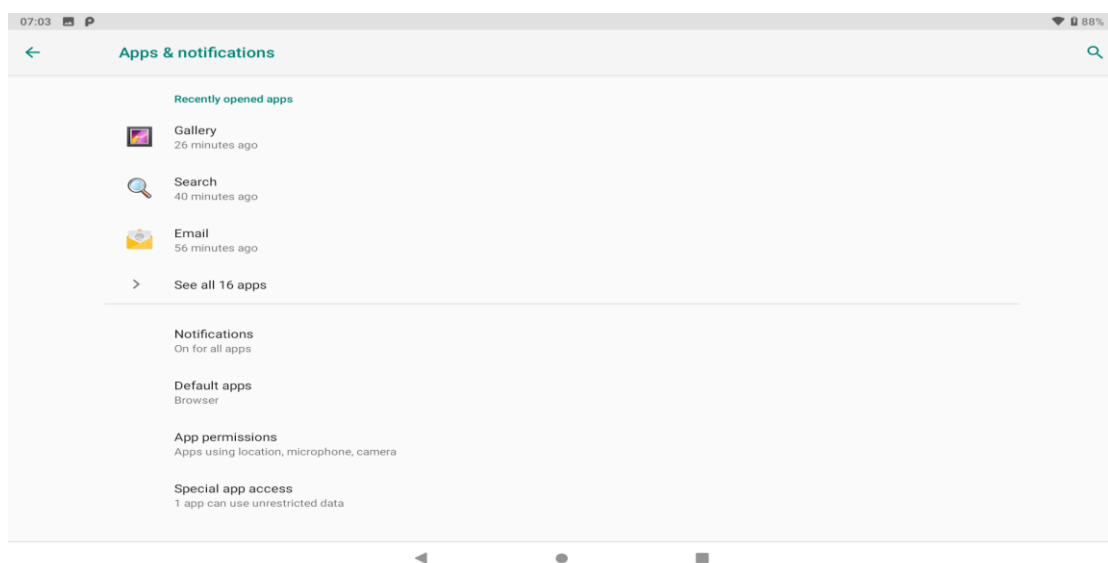
**Picture 4.2-3**

2. Display the file you received  
Choose display the file you received in Picture 4.2-3, you can view download and upload files.

## 4.3 Apps & notification

### 4.3-1 APPS

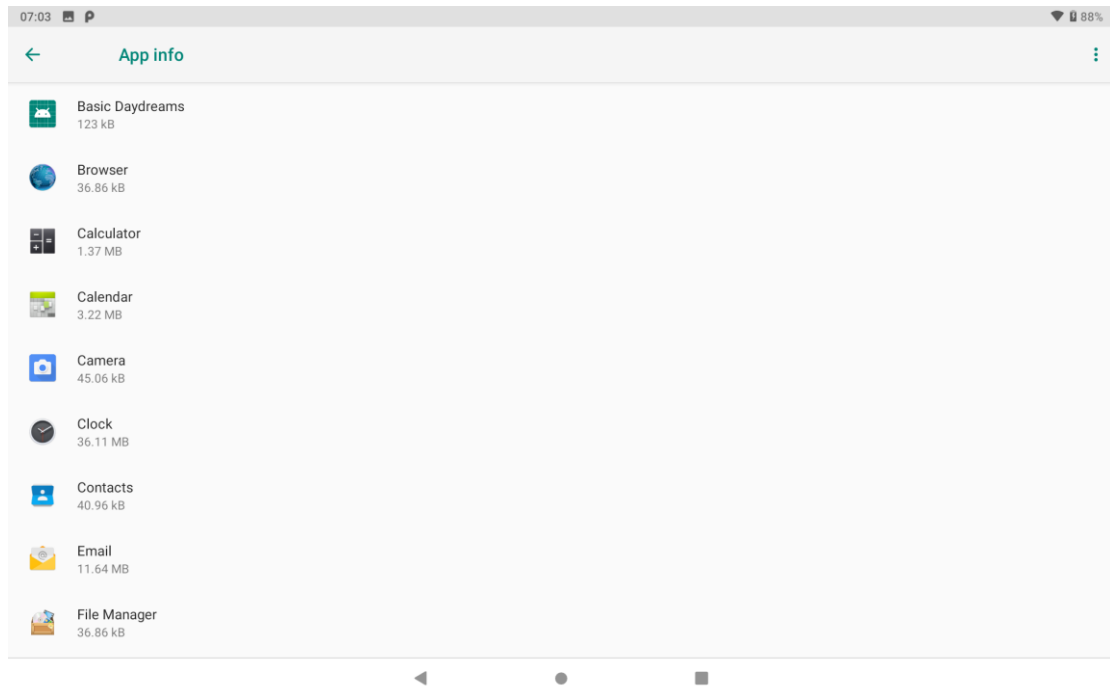
1. Click setting application in Apps.
2. Select application, after enter, you can manage and delete installed application. (As Picture 4.3-1)



**Picture 4.3-1**

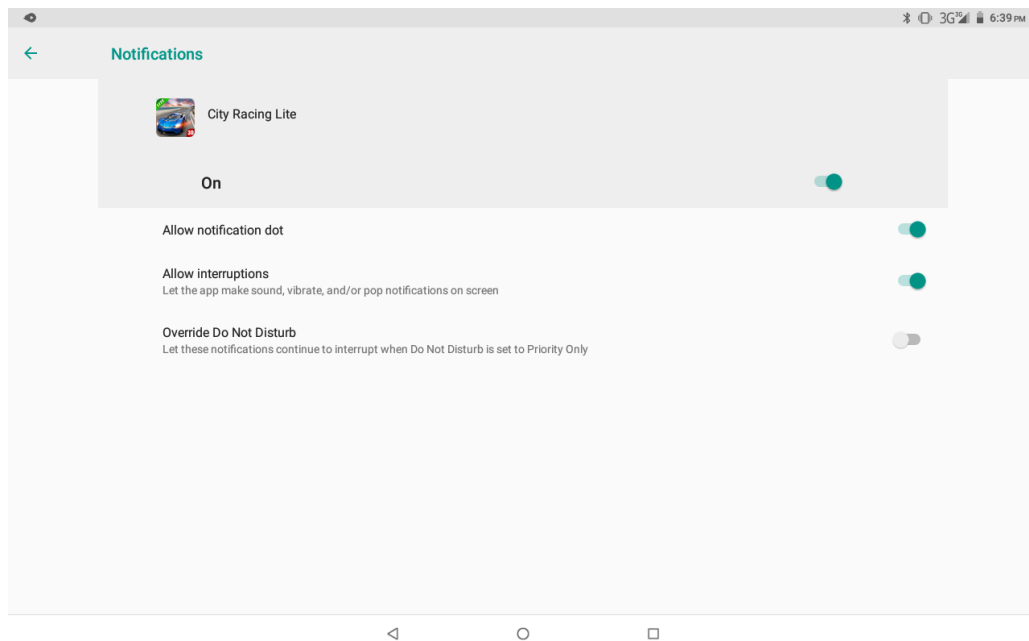
## 4.3-2 Notification

1. Open settings, click **Notification**, as Picture 4.3-2



Picture 4.3-2

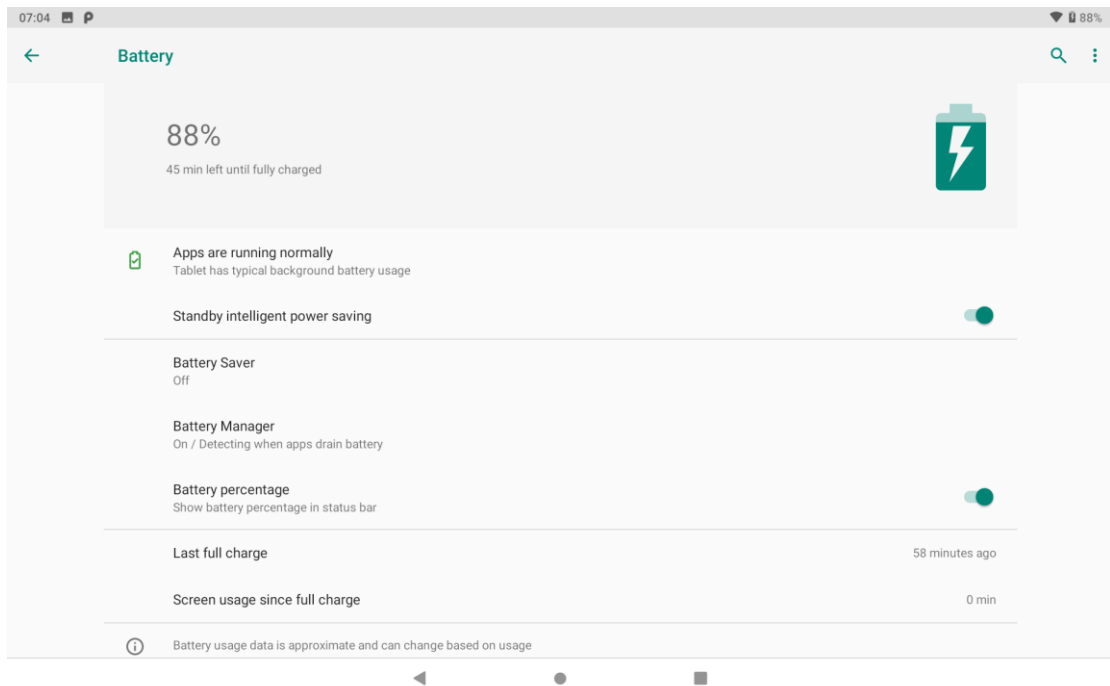
2. Click on any app icon in the list, then you can choose to show notifications silently, block all notifications or don't silence or block, as Picture 4.3-3



Picture 4.3-3

## 4.4 Battery

Click setting function, select battery, you can view the battery situation, as Picture 4.4-1

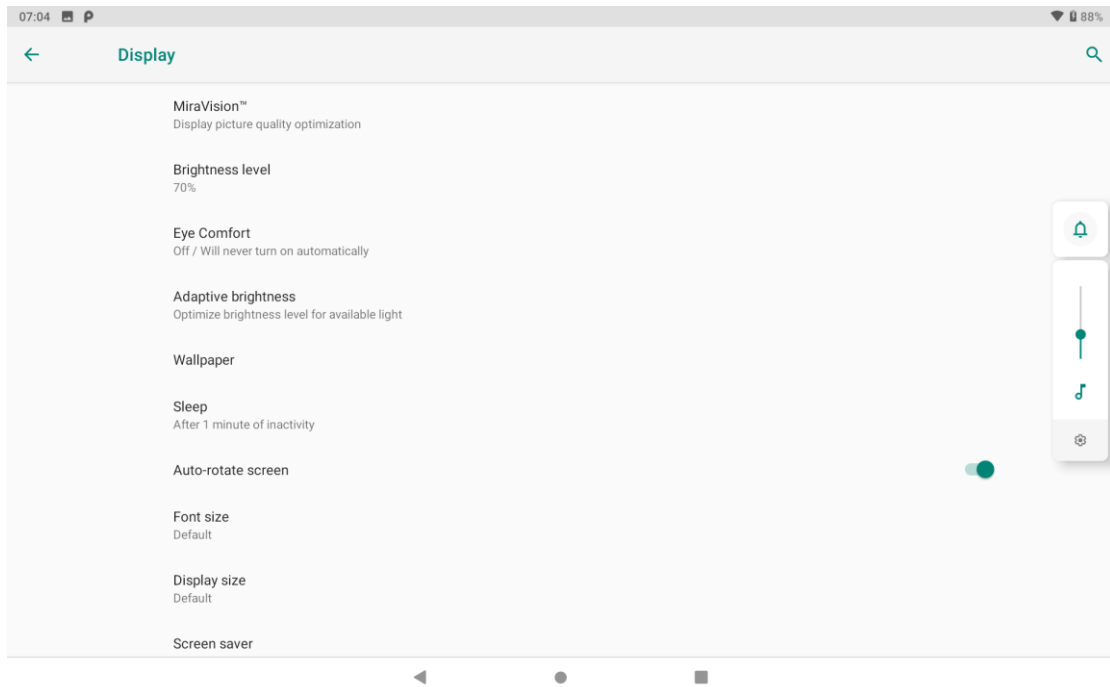


Picture 4.4-1

## 4.5 Display

### 4.5-1 Adjust the screen brightness

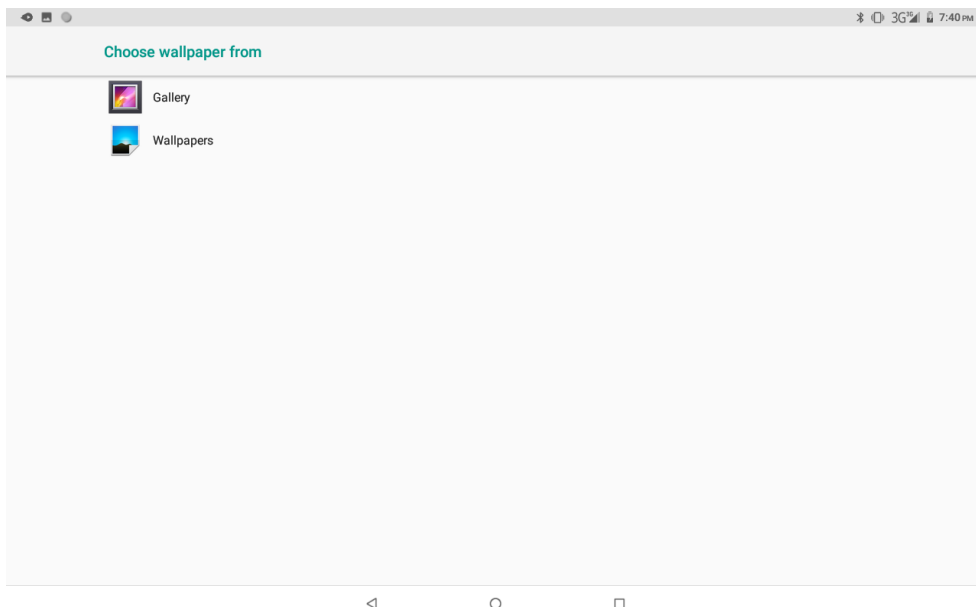
1. Click **Setting** application procedure.
2. Click **display**, choose brightness,
3. Drag the portico to adjust the brightness volume, as Picture 4.5-1



Picture 4.5-1

#### 4.5-2 Wallpapers

1. Click **setting** application.
2. Click **display**, click **wallpaper**.
3. You can choose different wallpapers as you like—gallery---live wallpapers ---photos--- wallpapers (system defect), as **Picture 4.5-2**



Picture 4.5-2

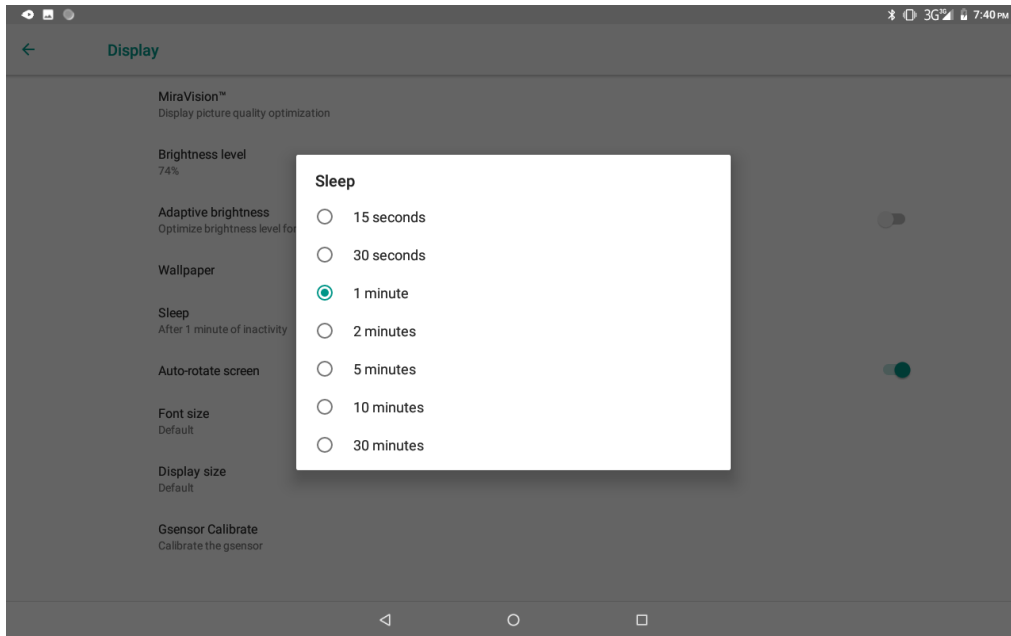
#### 4.5-3 Auto rotation

System is defaulted as open auto rotation, when it is turned off, system won't rotate MID screen by G-sensor.



#### 4.5-4 Sleep

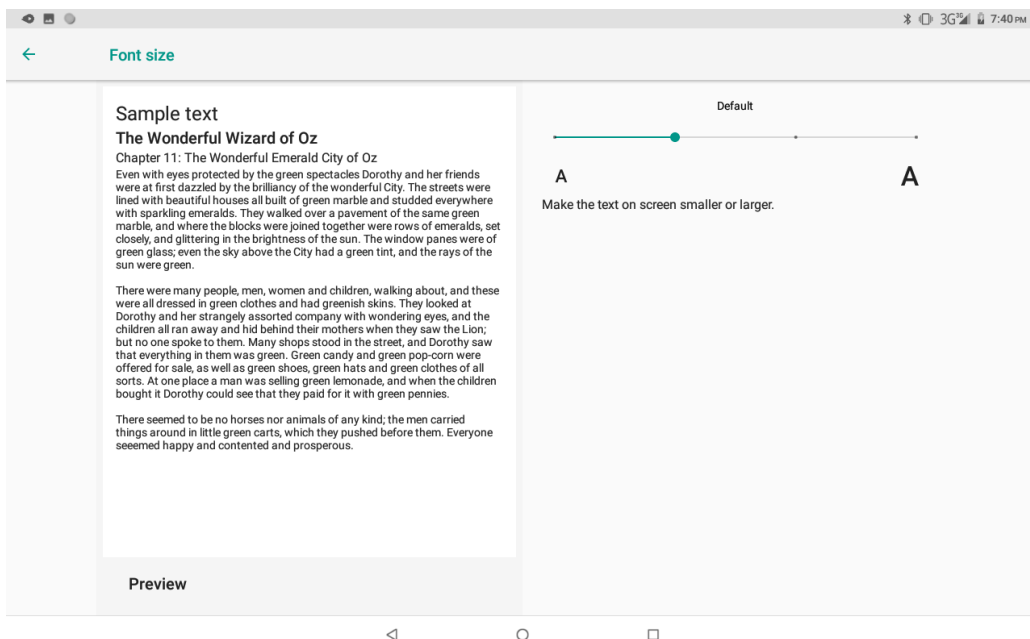
1. Click setting application.
2. Click display.
3. Click sleep.
4. Set the sleep time as you want, as **Picture 4.5-3**



Picture 4.5-3

#### 4.5-5 Font size

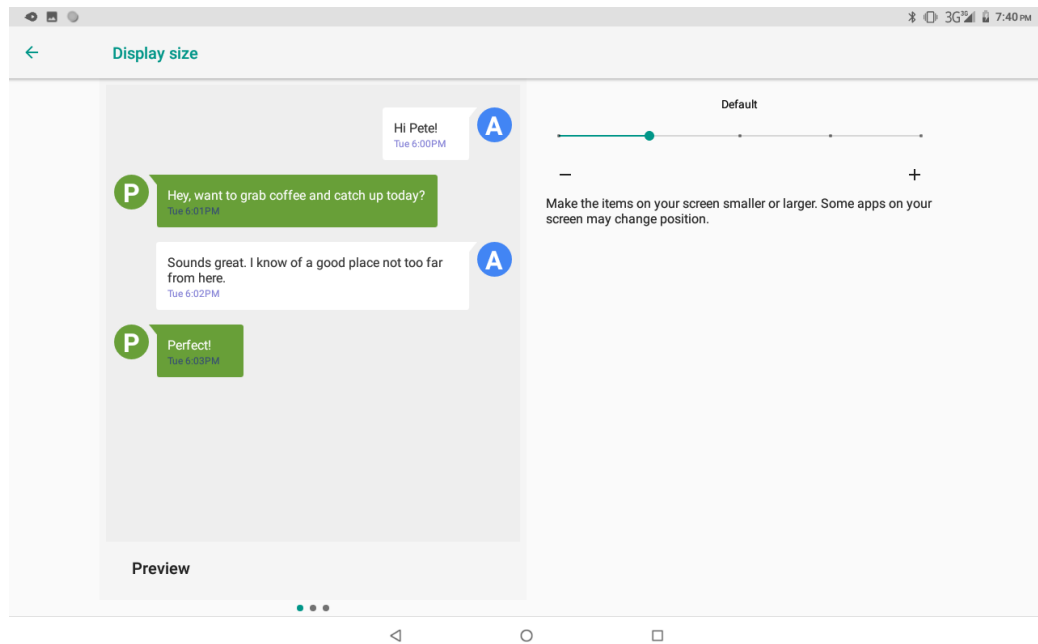
Click **font size** to adjust the size of the text, as **Picture 4.5-4**



Picture 4.5-4

## 4.5-6 Display size

Click **Display size** to adjust the size of the icons, as **Picture 4.5-5**



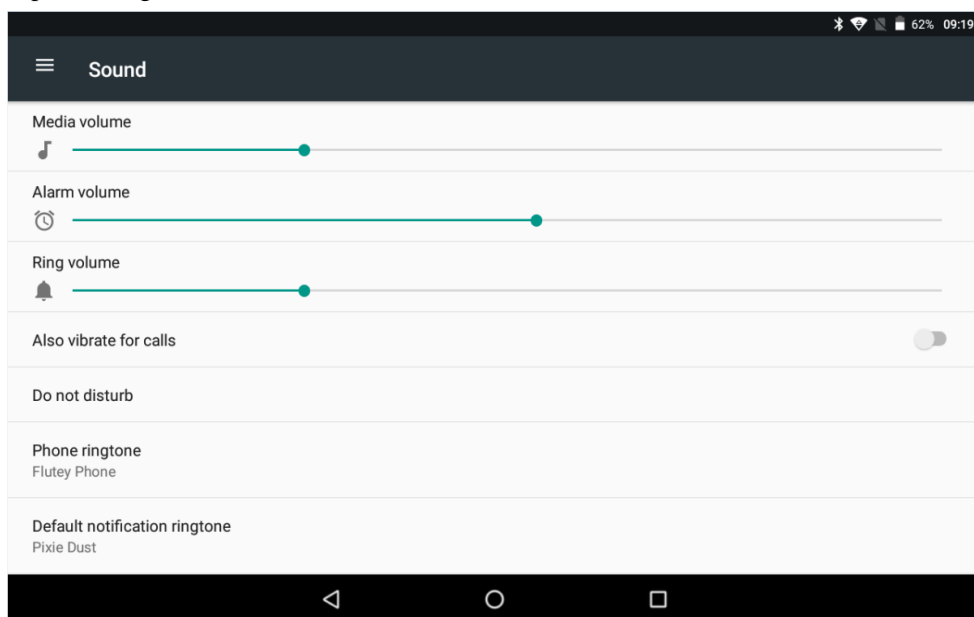
**Picture 4.5-5**

## 4.5-7 Mira Vision

Mira Vision is a set of engines to enhance display picture quality.

## 4.6 Sound

Open settings, click **Sound**, as **Picture 4.6-1**



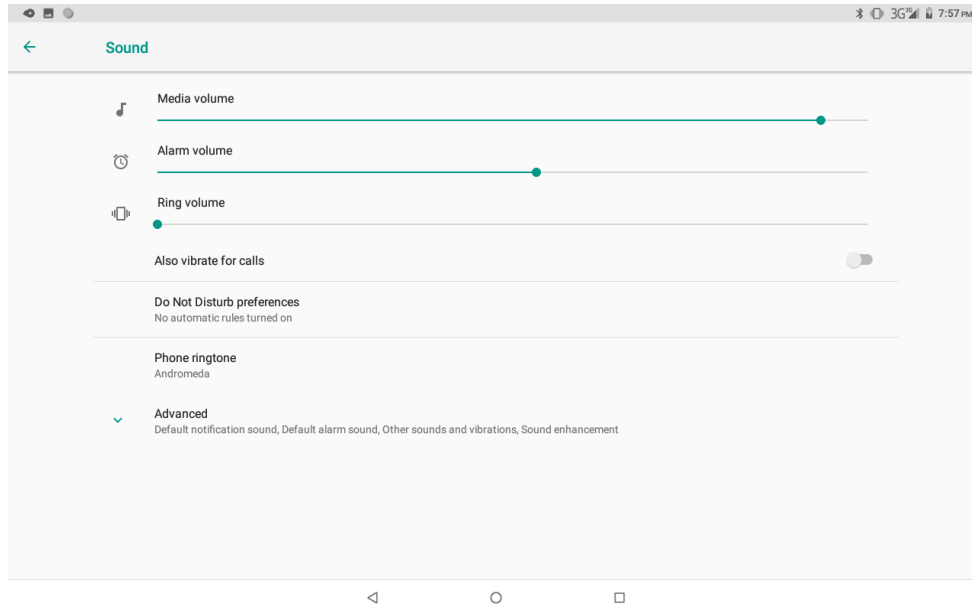
**Picture 4.6-1**

## 1. Vibrate

In picture click **Also vibrate for calls**, MID will vibrate when someone calls you.

## 2. Volume

In picture click volume, you can set ringtone, media, and alarm volume, as Picture 4.6-2

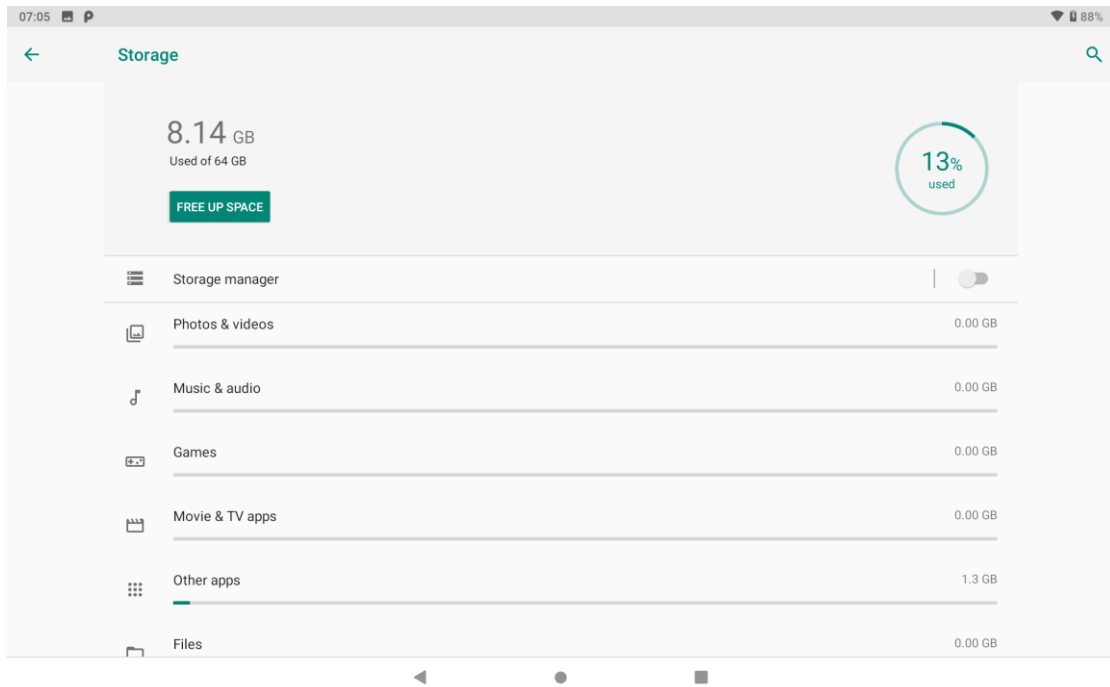


Picture 4.6-2

## 4.7 Storage

### (1) Internal storage

Internal storage is MID local NAND storage, as Picture 4.7-2, if you need to check the storage content, you can check it in main menu.



Picture 4.7-1

## 4.8 Security & location

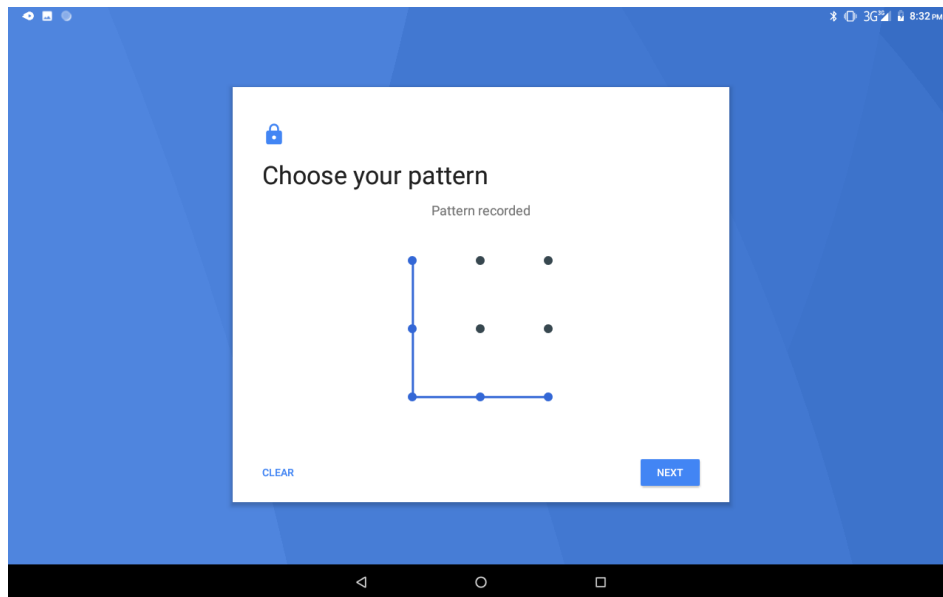
### 4.8-1 Set locked screen

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

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

#### Set unlocked picture

1. Click setting application in main interface.
2. Click **security**.
3. Click **screen lock**.
4. Choose **pattern** in text setting area.
5. Click next following the remind message.
6. The unlocked pattern board pop up, there are nine touch spots, connect 4 points from vertical, horizontal or diagonal direction. As Picture 4.8-1, move your finger from the screen when finish. The system will record yours new unlock pattern.
7. Click **continue**.
8. When you see the reminder, enter the unlock pattern, then click **confirm**.



**Picture 4.8-1**

#### **Set unlock PIN code**

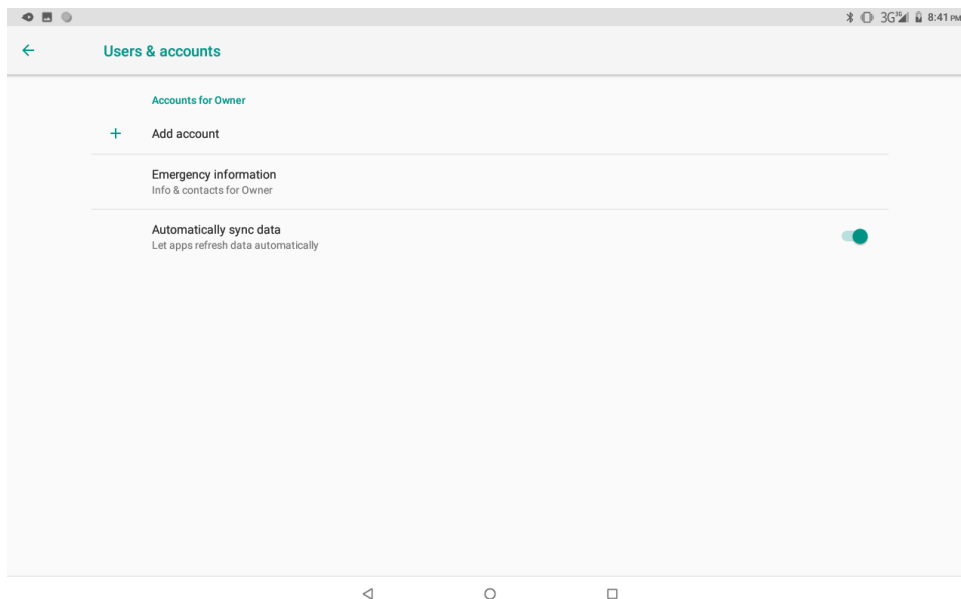
1. Click setting application in main interface.
2. Click **security**.
3. Click **screen lock**.
4. Choose **PIN** in text setting area.
5. Enter new PIN code(numbers) and click **continue**.
6. Enter new PIN code again and click **confirm**.

#### **Set unlock password**

- 1.Click **setting application** in main interface.
- 2.Click safe.
- 3.Click screen locked.
- 4.Set password in text setting area.
- 5.Set new password(letters and numbers) and then click continue.
- 6.Enter the password again and the click **confirm**.

#### **4.8-2 Location service**

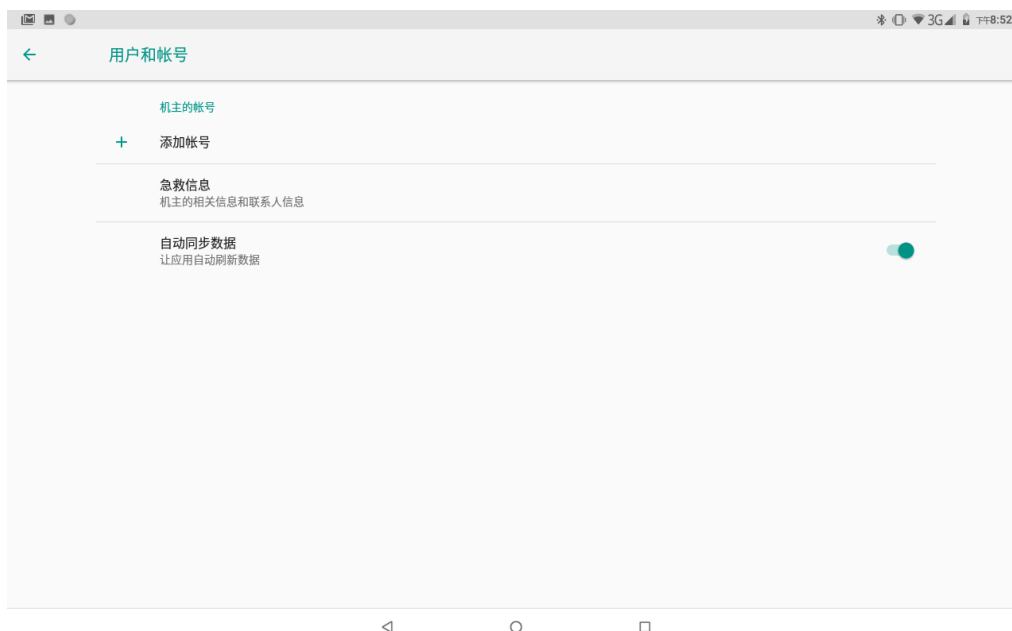
Click **setting**, select **Location**, as Picture 4.8-2



Picture 4.8-2

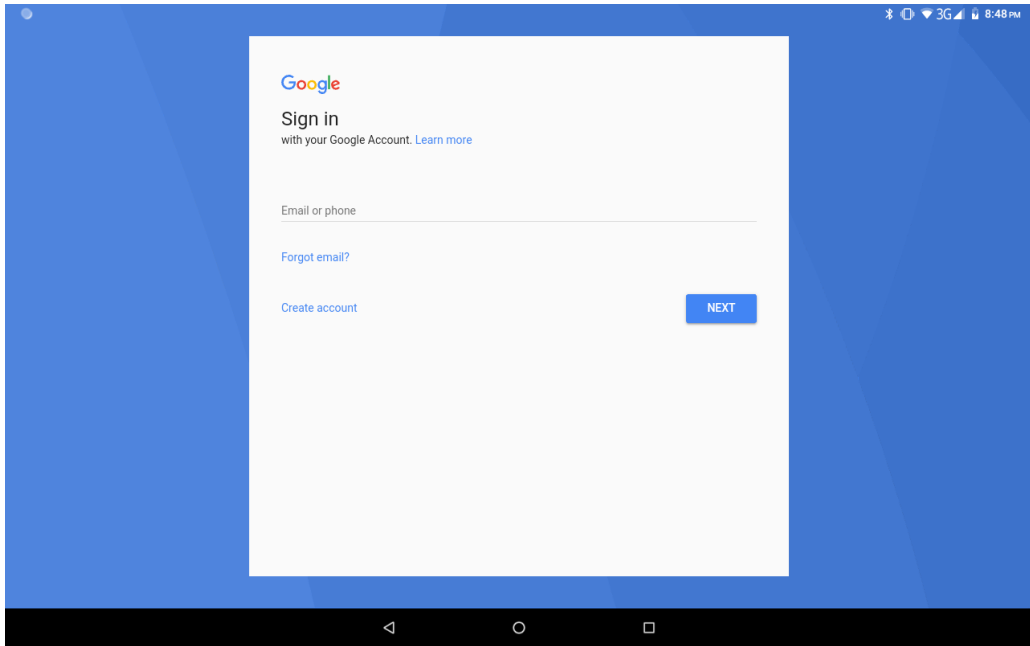
## 4.9 Users & accounts

1. Select setting application
2. Open account and sync, as Picture 4.9-1



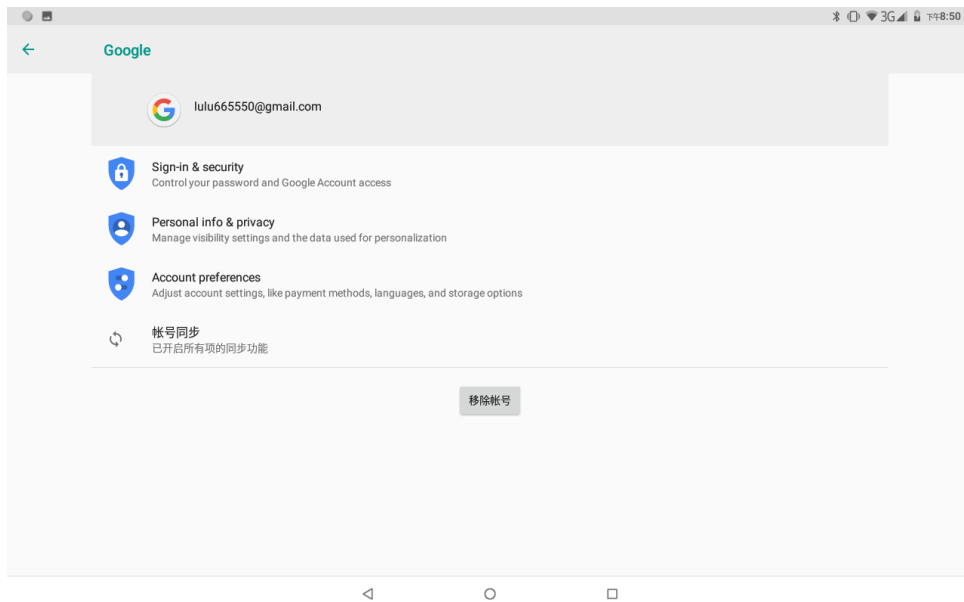
Picture 4.9-1

3. Click **add an account**, as Picture 4.9-2



**Picture 4.9-2**

4. After successfully load, it will open the sync function, as Picture 4.9-3



**Picture 4.9-3**

## 4.10 Accessibility

### 4.10-1. Font size

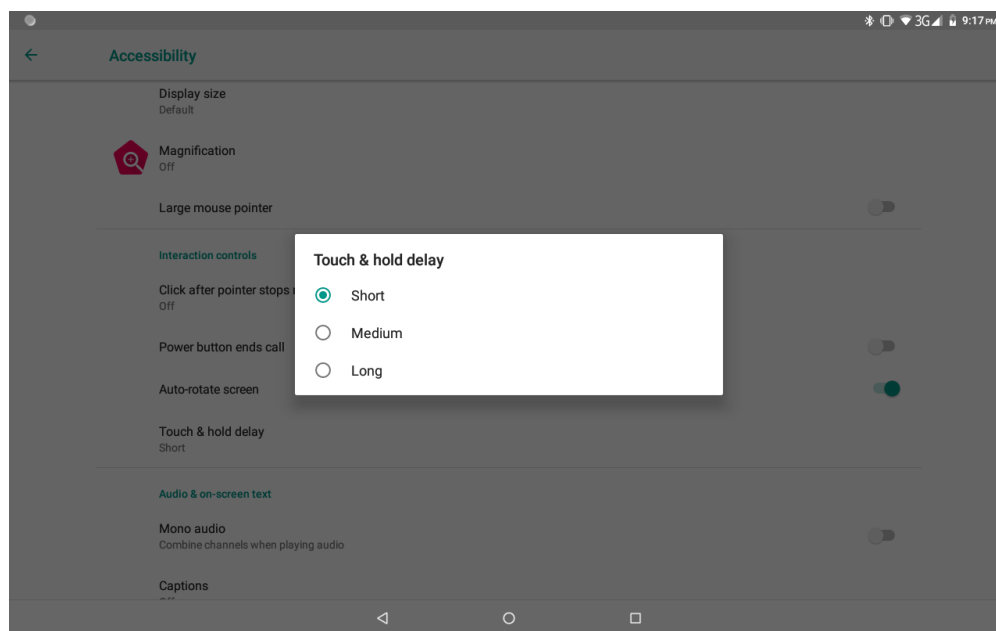
Click it to make system font large size

### 4.10-2. Click power button to end calls

When Click call, press “power” button, call will end but not hold.

### 4.10-3. Touch and hold delay

Click touch and hold delay to increase time, as Picture 4.10-1



Picture 4.10-1

### 4.10-4 Install webpage script

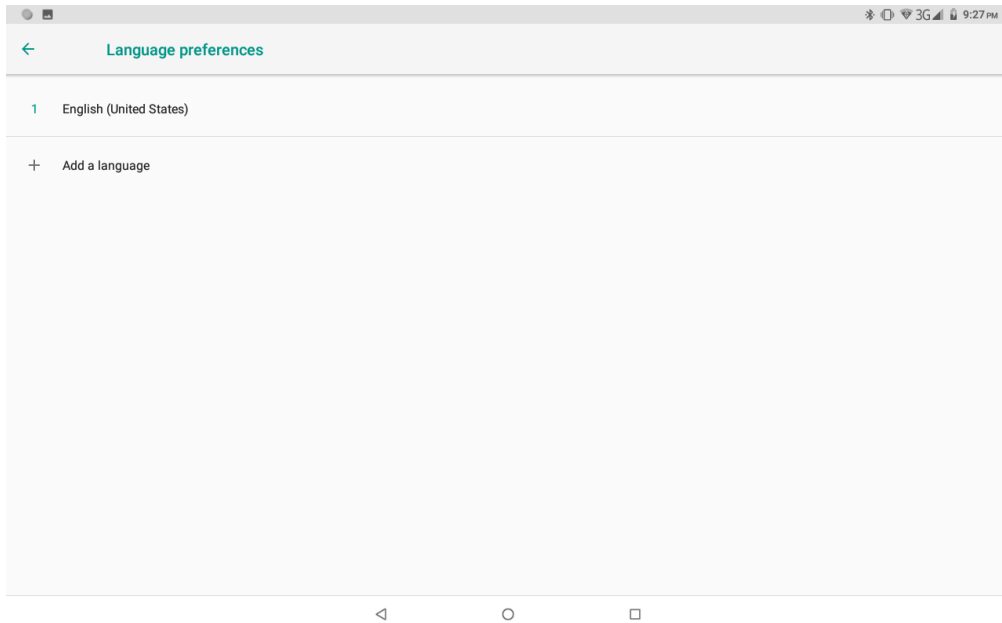
It will allow you install webpage scrip when you open system,, but it will increase the risk when you are browsing webpage.

## 4.11 System

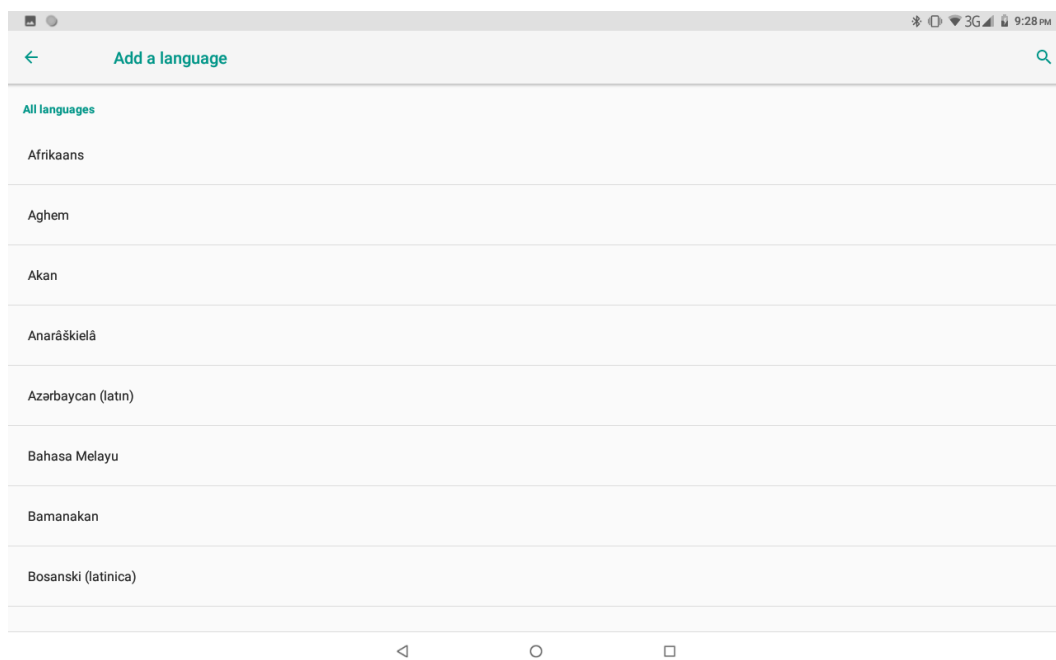
### 4.11-1 Language and Input Method

Click setting, select language and input method, choose **language** , then click **Add a language**, select the language you want to add from the language list, as Picture 4.11-2.Back to language preferences page , you can drag the language you want to set to the first to switch language.



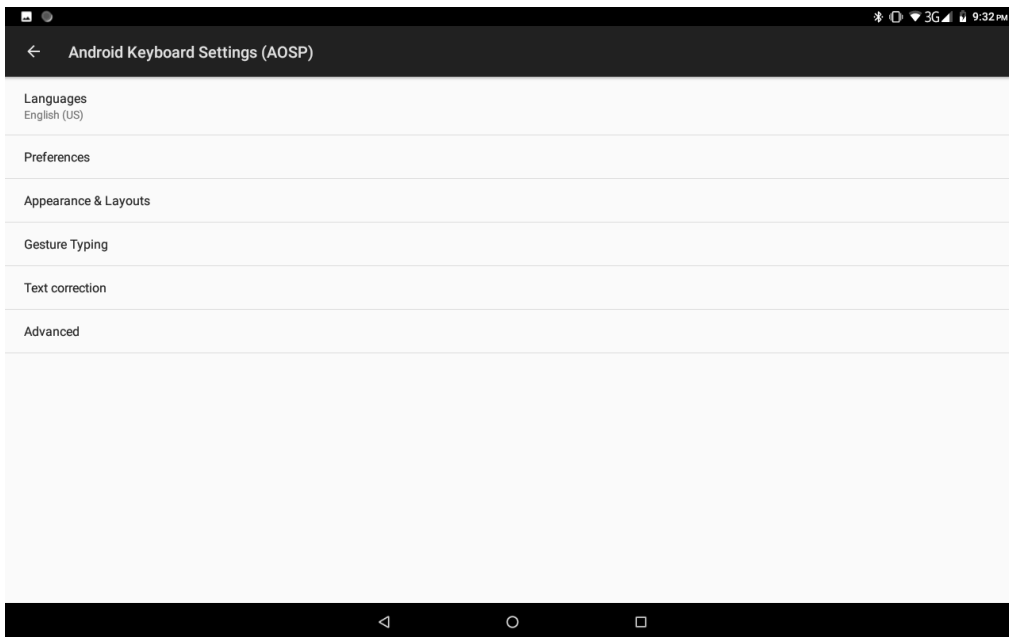


**Picture 4.11-1**



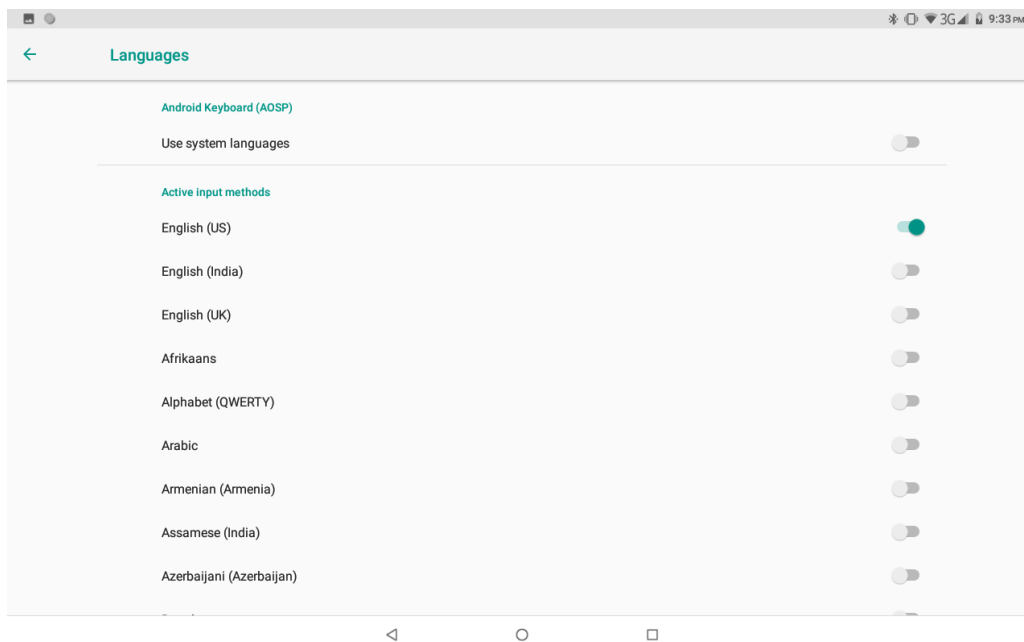
**Picture 4.11-2**

Click **setting**, choose **language and input**, choose **Google keyboard setting**, click input language, as Picture 4.11-3



**Picture 4.11-3**

Choose the language you want to change in the language list, as Picture 4.11-4

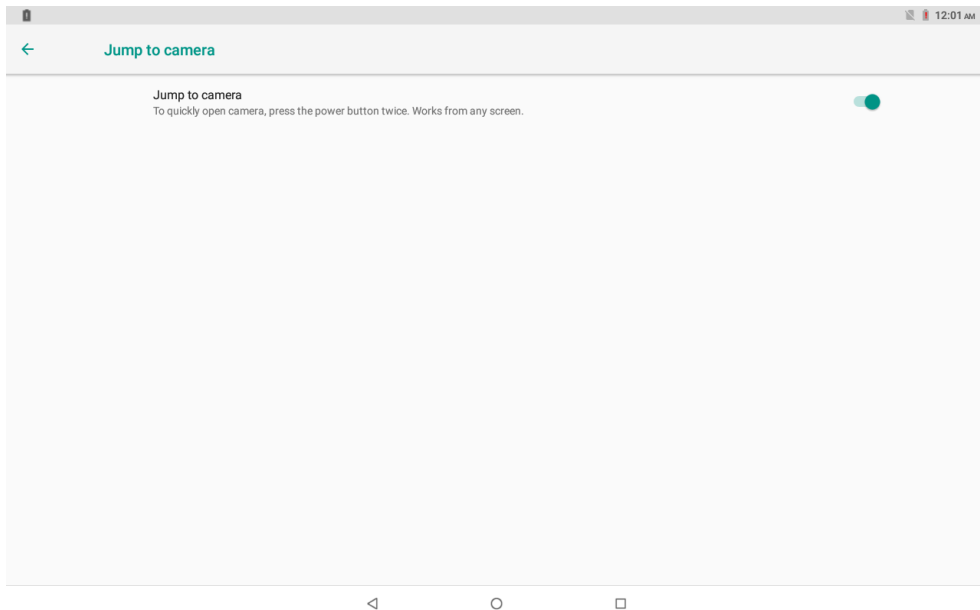


**Picture 4.11-4**

## 4.11-2 Gestures

### Jump to camera

Operate it to open and close of this app as Picture 4.11-5



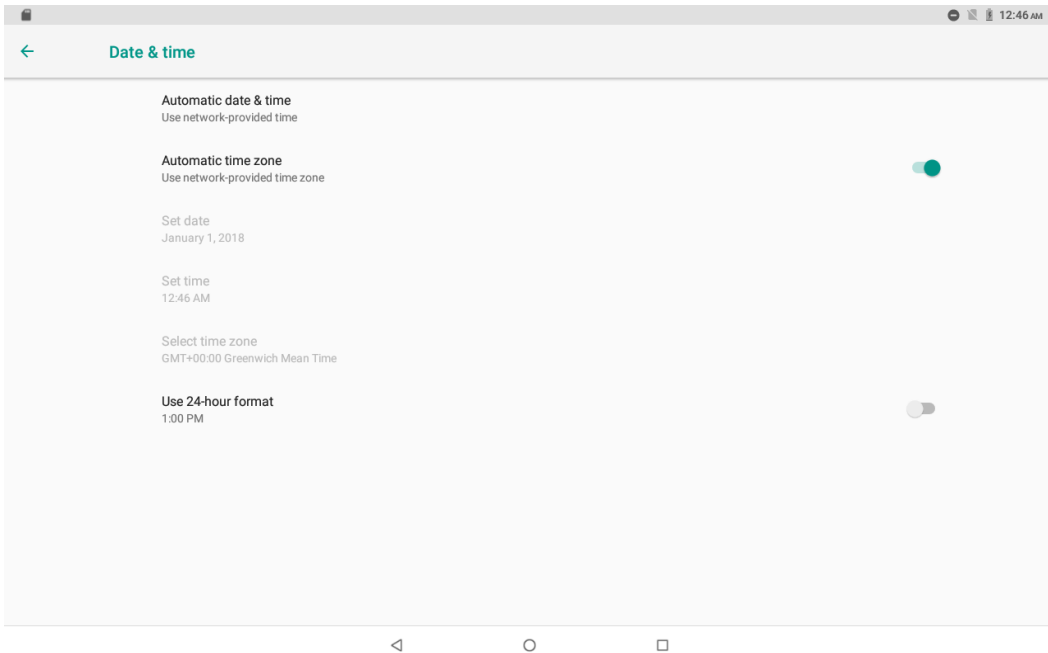
**Picture 4.11-5**

### **4.11-3 Date and Time**

According to the preset, system will voluntarily apply the date, zone, and time provided by internet. as Picture 4.11-6

Manual set date, time and zone

1. Click Setting application procedure.
2. Slide down the screen, then click **date and time**.
3. Turn off “auto setting of date and time”.
4. Turn off “auto setting zone”.
5. Click Zone Selecting, then choose the zone lists. Slide down the list to view more zones.
6. Click **Set date**, then click upper or down button to adjust date, month, and year, click **setting** when you finish selection.
7. Click **Set Time**, then click upper or down button to adjust hour and minute, click AM or PM to change morning or afternoon ( there is no such selection when you see 24-hour format). Click **Setting** to finish.
8. Click **24-hour format**, switch between 12-hour or 24-hour format, the time format you choose will be used on the alarm clock.
9. Click date format setting, then choose the time format you want to show on MID.

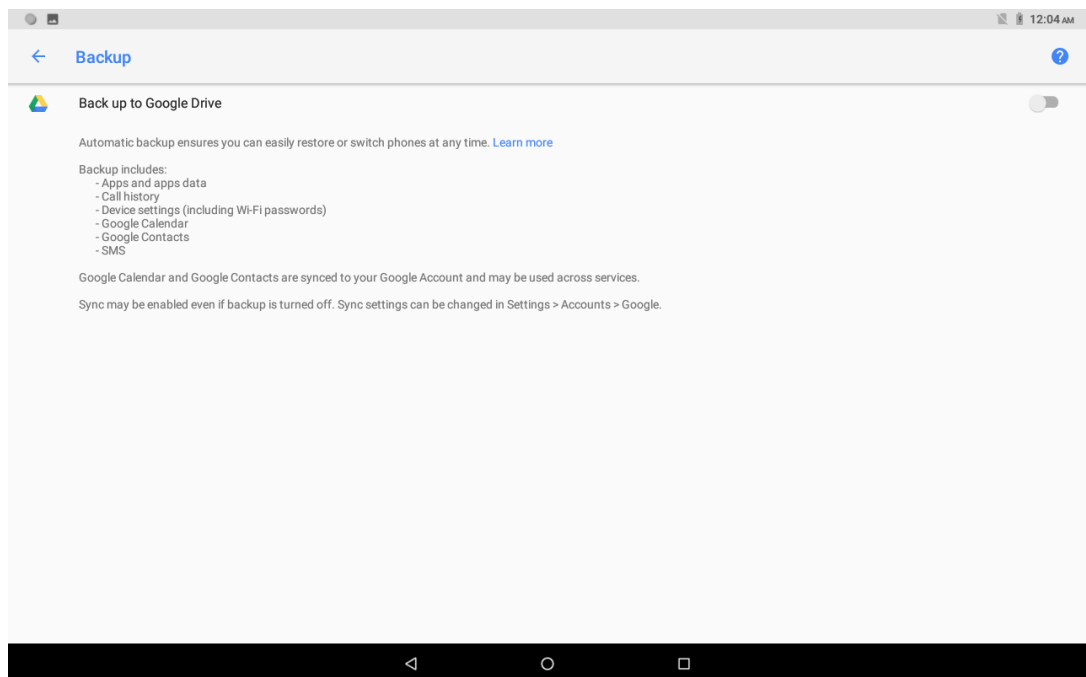


Picture 4.11-6

Note: If you use the time internet provided, you will not able to set the date, time and time zone.

#### 4.11-4 backup

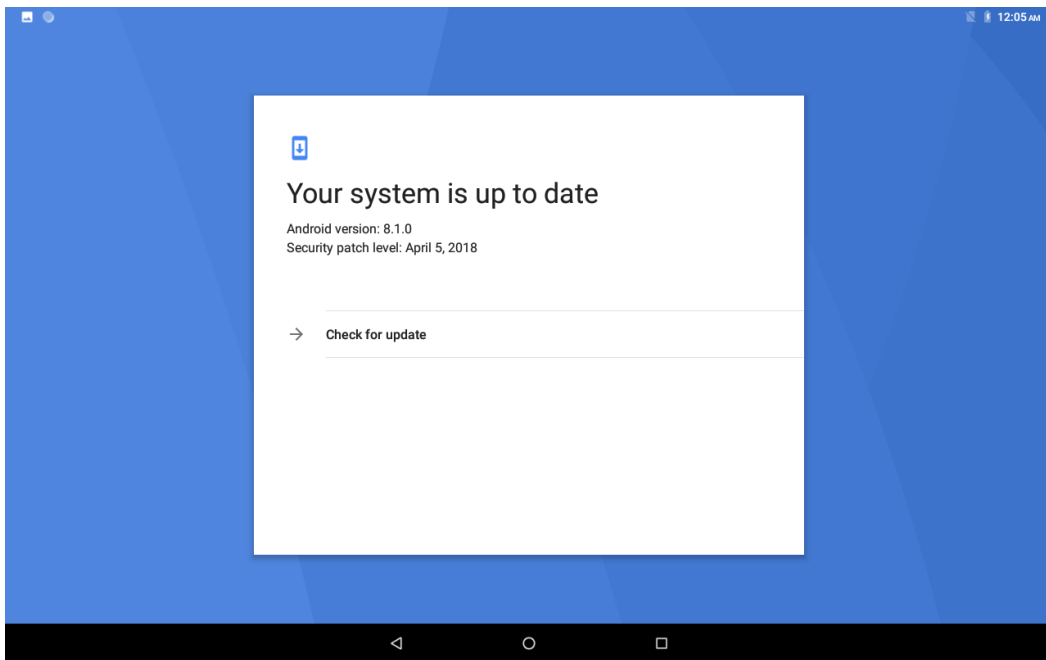
Connect WIFI and login your google account, choose **backup my data**, system will backup your data into google server. as Picture 4.11-7



Picture 4.11-7

#### 4.11-5 System update

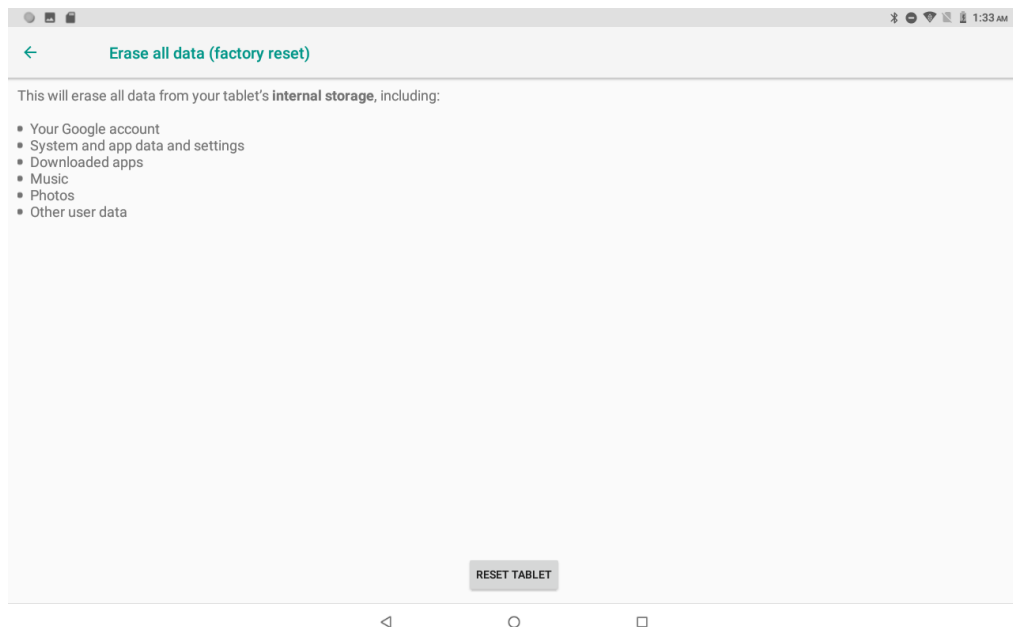
Check to see if the system is up-to-date ,as Picture 4.11-8



Picture 4.11-8

#### 4.11-6 Reset options

If you need to recovery factory reset, please click reset, as Picture 4.11-9, if you need to formulate NAND, please click reset tablet.



Picture 4.11-9

#### 4.11-7 Engineer Selection

##### 1. USB debugging

After opening USB debugging, you can use some software to read MID software, but when USB debugging is turned on, USB storage needs to manual adjust.

##### 2. Stay awake

If you open stay awake, it will never auto sleep when your MID is charging.

##### 3. Pointer Location

If you open pointer location, it will display touch vertical and horizontal direction.

##### 4. Show taps

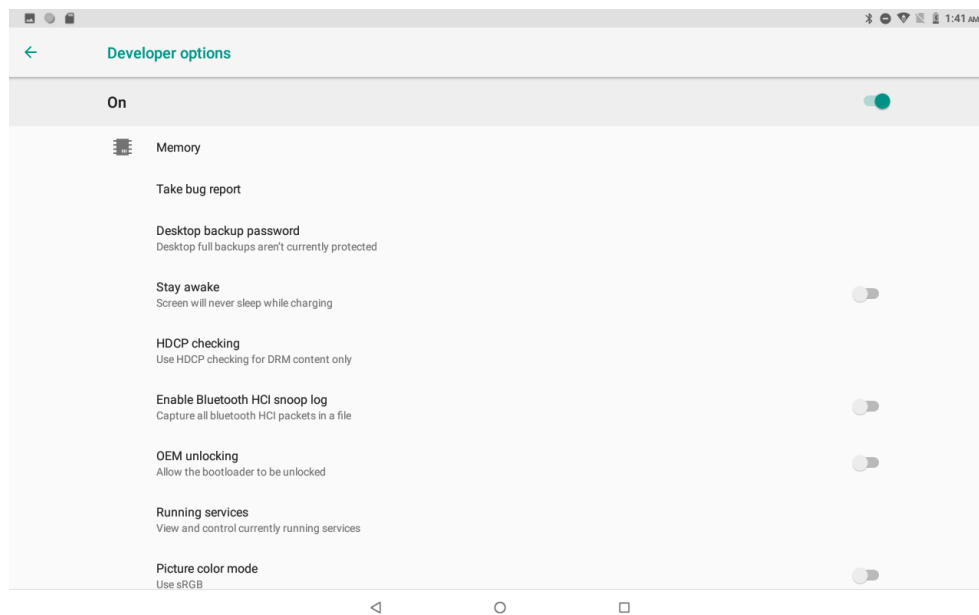
If you open display touch screen operation, it will display touch operation on the screen. It is suggested to use with same direction as pointer location.

##### 5. Show surface updates

If you open screen refresh, it will display related area when the area is refreshing.

##### 6. Show CPU usage

After open CPU usage, in the right top of MID will show CPU usage situation. as Picture 4.11-10



Picture 4.11-10

#### 4.11-8 About Tablet

##### Check MID state

##### 1. Check Setting application.

##### 2. Click about tablet, check state message, model, Android version, version No and so on.

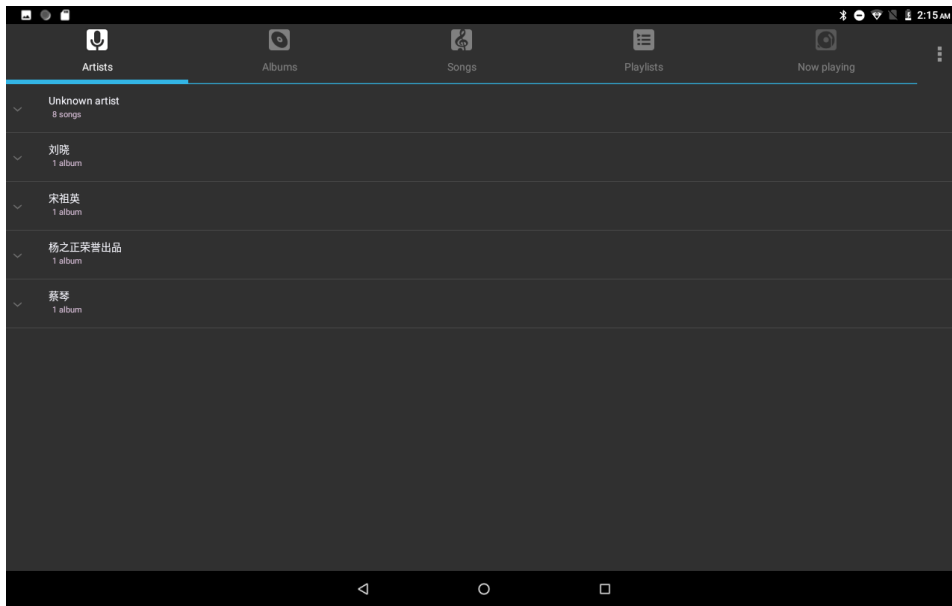
1. Click state message, check battery status, battery level, SIM status, IMEI information, IP address and so on.

# 5 Multi-Media

## 5.1 Music



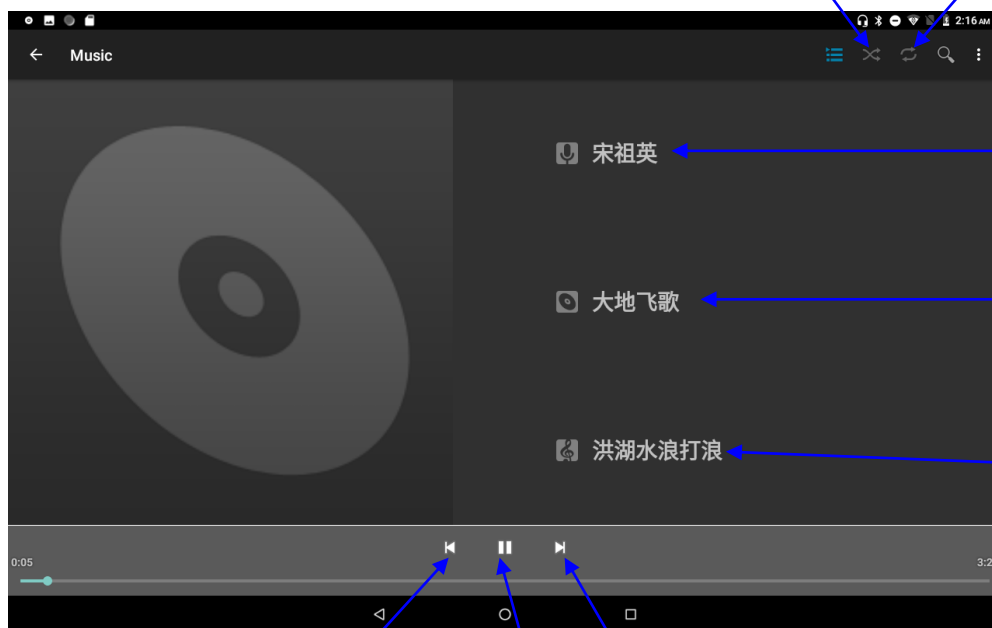
Enter into music player: in menu or desktop click music icon to enter into music player, click the music you want to play, as Picture 5.1-1:



Picture 5.1-1

Random play

Single/sequential cycle



Picture 5.1-2

Previous song

Pause/play

Next song

- Drag the progress bar to adjust play progress.
- Operation of music player button as Picture 5.1-2

## 5.2 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.

### View pictures

1. Click gallery application in main interface.
2. Enter into gallery, click the folder you want to view.
3. Click the picture you want to view, the system will play it in full screen mode automatically.
4. The pictures can be zoom in and zoom out, put two fingers on the screen, the separate the fingers(gather up the fingers, the picture will be zoom in) or double click the screen.

[Note: when you browse the pictures, slide left or right to view more pictures.](#)

### Edit and set pictures

When check the pictures in full screen mode, click menu key to display menu selection, you can choose the selection you need to edit and setting pictures.


- **Slide Show**
  1. Open a picture, use virtual key to click menu key, display menu selection.
  2. Click **slide show**, it will auto loop play
- **Crop**
  1. Click **menu** key to display menu selection.
  2. Then click crop, click and drag related area to adjust the cropper.
  3. Click cropper and drag it inside and outside to adjust the image.
  4. After adjust the size you want, click **crop**.
  5. If you wish to give up to crop, click **cancel** to return to picture browse.
- **Edit**
  1. Click **menu** key, display the menu selection.
  2. Click **edit**.
  3. Adjust the brightness, style, color, ant alias setting in selection.
  4. Click **save**.

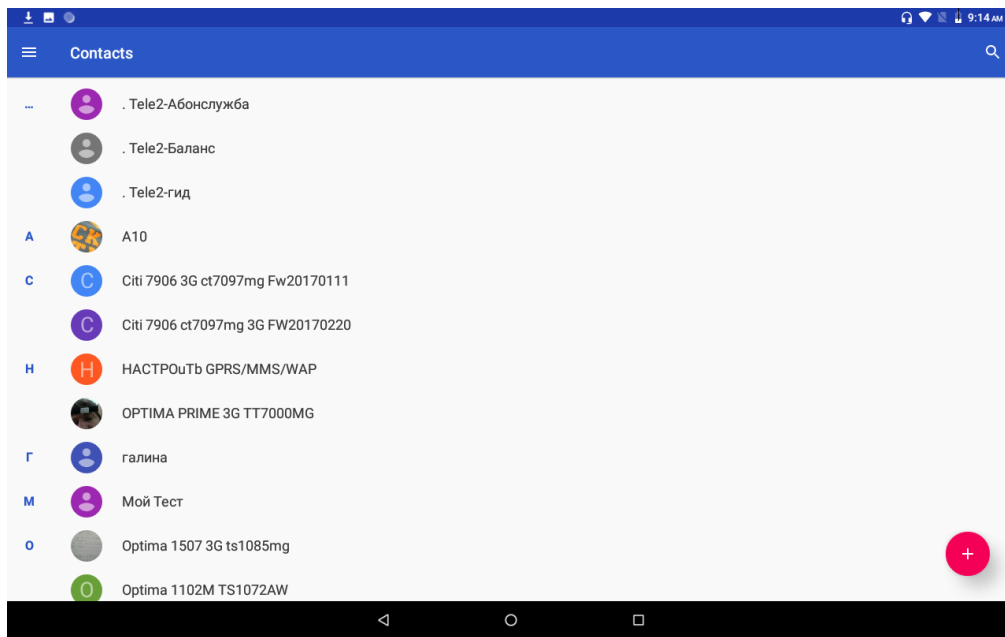


5. If you want to give up edit, click **return** key, click **not** to return to picture browse.


# 6 Communication Function

## 6.1 Contact List

Click Contact list  in the main interface, enter into the contact list as Picture 6.3-1




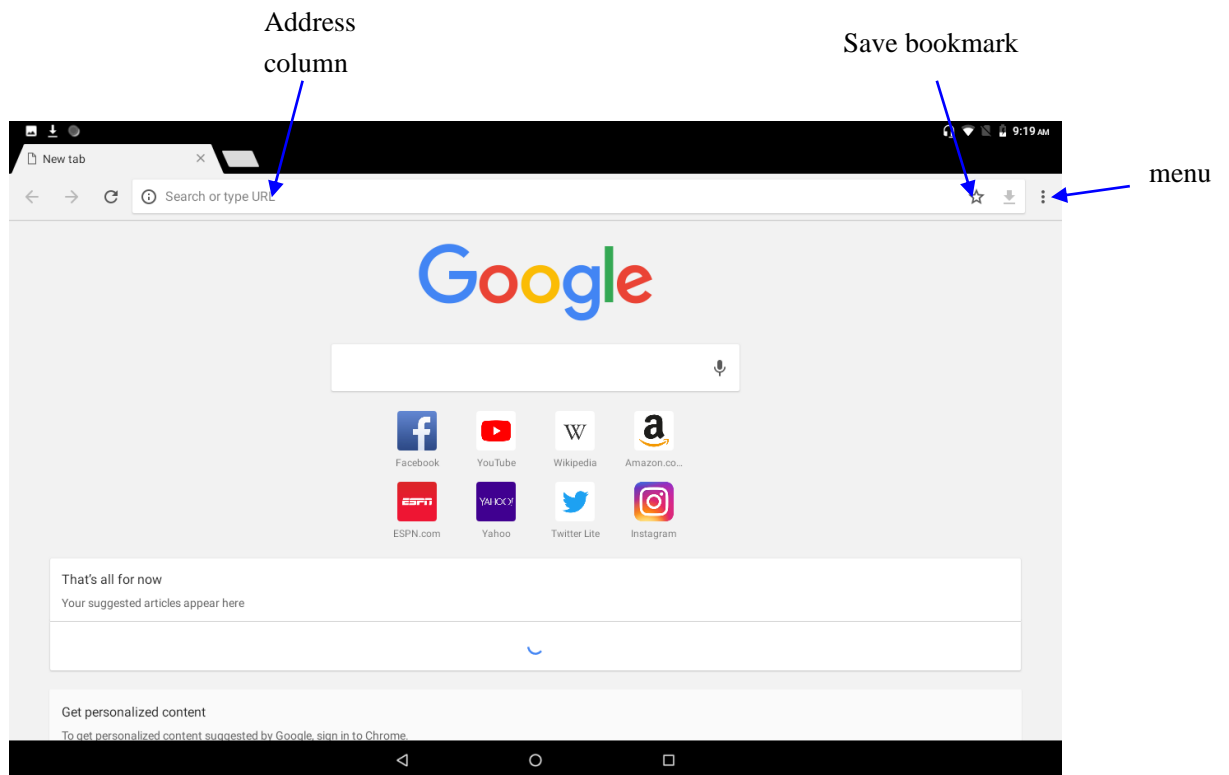
Picture 6.3-1

- Search contact: click  button, enter into search function
- Add contact: click  button, enter into add contact interface.

# 7 Internet

## 7.1 Browser

In case of Wi-Fi or mobile internet is connected well (Please refer to Chapter 4.1 for wireless and internet setting), click IE browser  in the main menu or desktop to enter the IE interface, as Picture 7.1-1



Picture 7.1-1

Click address bar to input the website, click start, enter into related webpage, then you can browse the website information, as Picture 7.1-2 and you can click the menu you can refresh ,save to bookmarks, share page, bookmarks, history and setting the webpage.

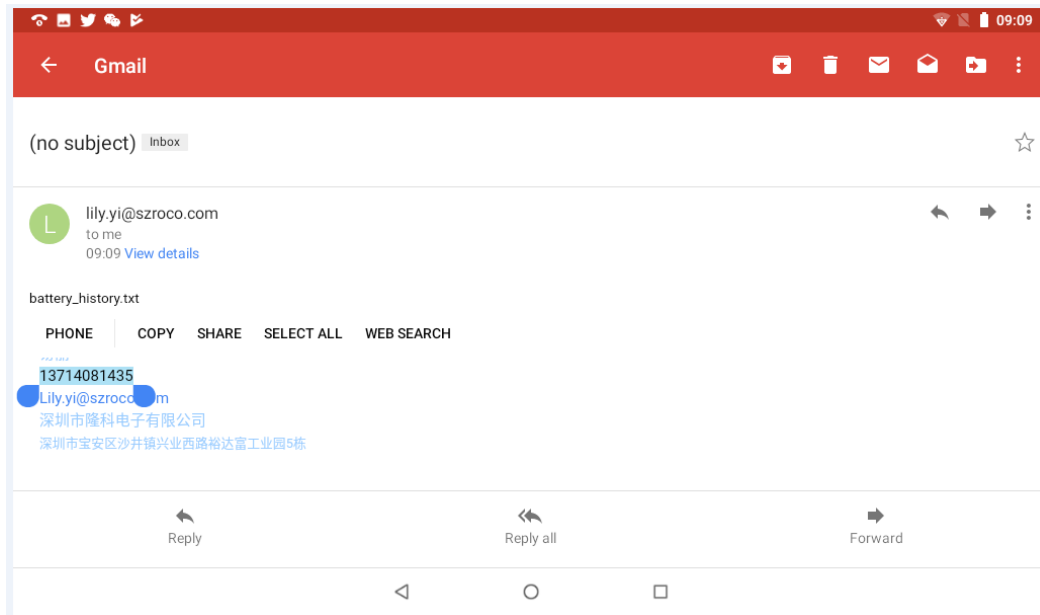


Picture 7.2-2

## 8 other characteristics

### 8.1 SmartTextSelection

Automatically detect the function that applies it to the corresponding application. If you click on the address of a restaurant sent to you by a friend, Google will know what you want and automatically use the map to start the route. Telephone numbers, e-mail addresses, etc. can also be done as Picture 8.3-1



Picture 8.1-1

## 8.2 Auto-Fill

For the most frequently used applications on the user's device, it will help the user to log in quickly without having to fill in the account name and password every time.

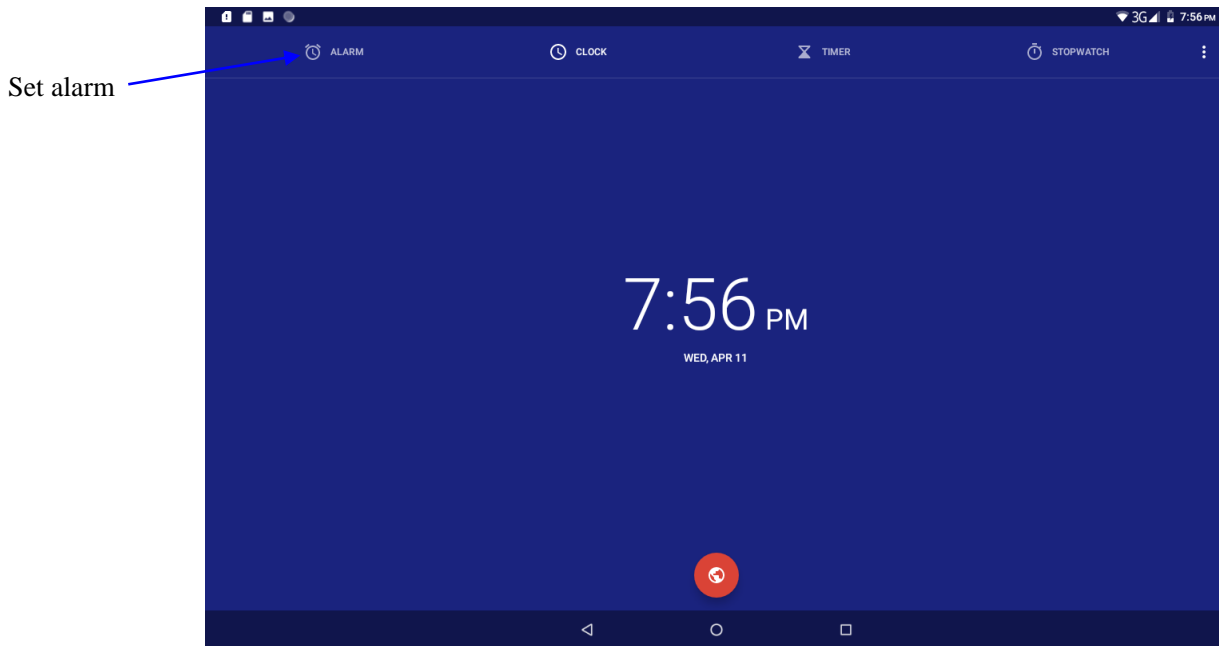
For example, when users use a new device, they can extract saved account names and passwords from Chrome. After the selection, the auto-fill function can be performed locally. It is suitable for most applications that you may use.

# 9 Other Application Procedures

## 9.1 Clock


Click **Clock** procedure, enter into below interface as Picture 9.1-1.

There are clock, picture, music and homepage buttons.



Picture 9.1-1

## 9.2 Calculator


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

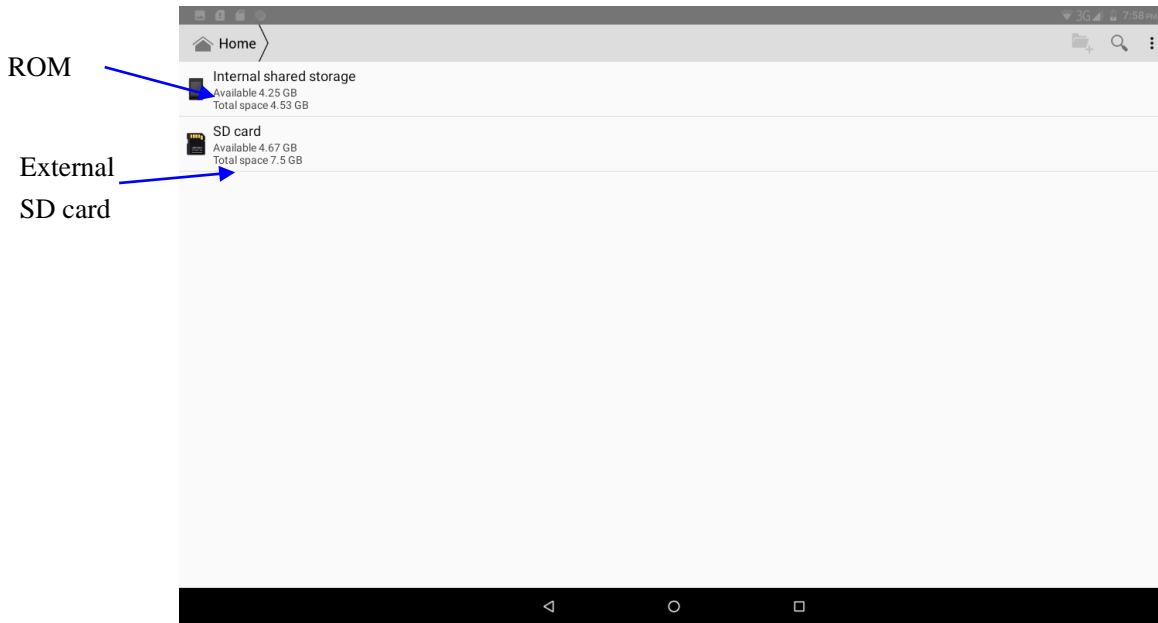


Pictuer9.2-1

## 9.3 File Manager

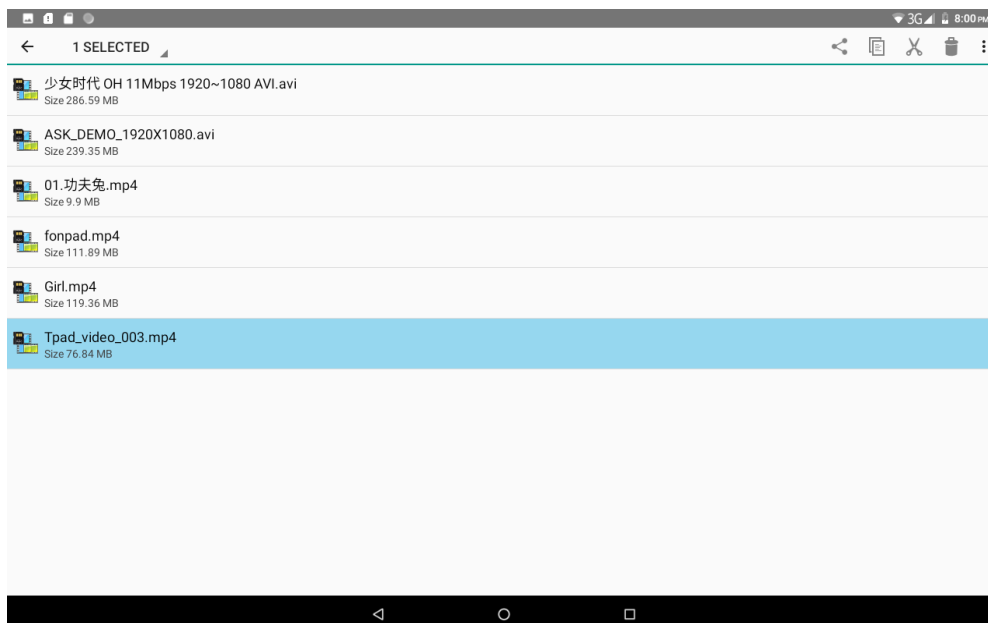
File manager will copy, cut, delete, rename the documents or the folder in the TF card, it also will share the files, install apk etc as Picture 9.3-1

In the main menu or desktop, click the document manager icon  to enter into documents manager.



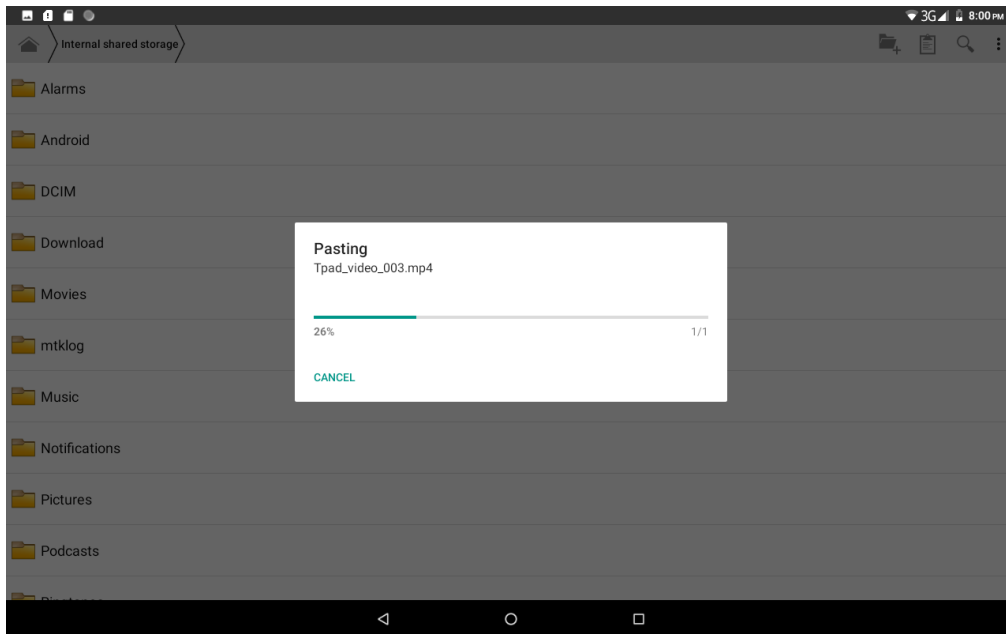
Picture9.3-1

a、Copy, cut, delete, rename the files and folder: choose the file or folder, long press the file or folder to enter into the interface as Picture 9.3-2, you can operate the file or folder.



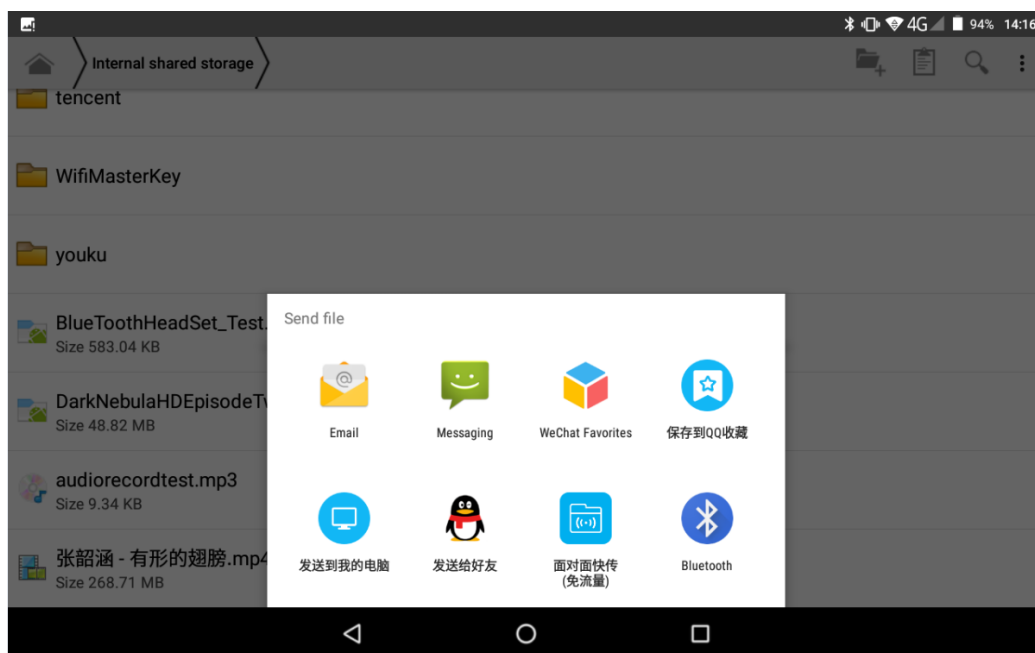
Picture9.3-2

b、 Paste the copy or cut file: choose the file you want to paste, icon to enter into Picture 9.3-3,



Picture9.3-3


C. Share file:choose any file, long press it, it will popup “share”, choose the share way you want in the list (Picture 9.3-4)







Picture 9.3-4



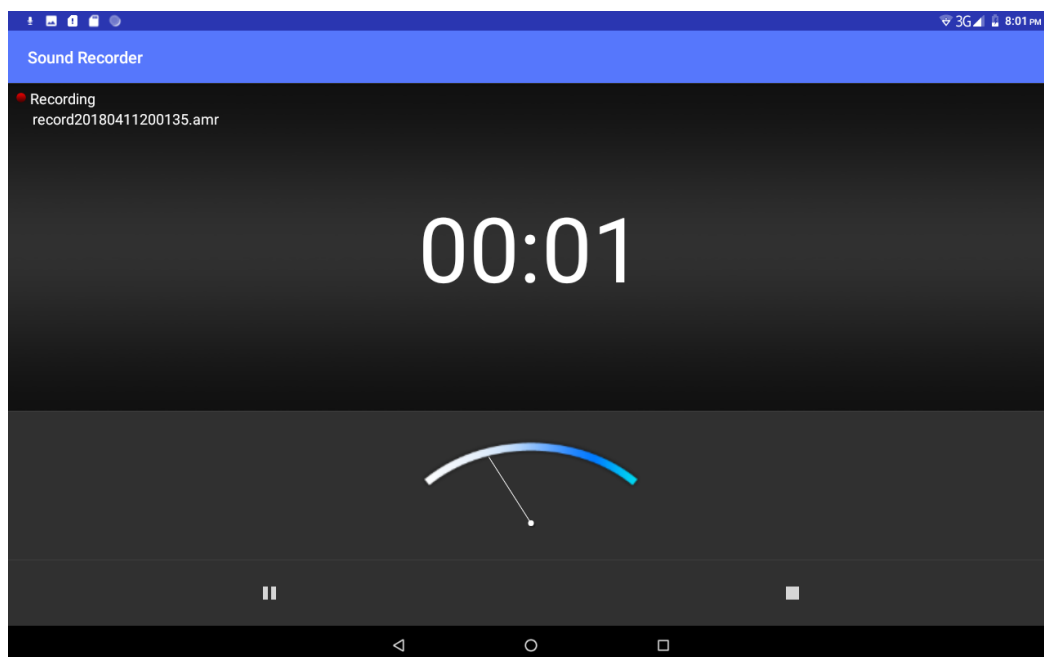
d、 Install apk file: Choose the file suffixed .apk in the file manager, you can install the third part software as reminder.

e、 Build new folder: Choose the menu you want to build the file, click  icon in right top, choose new folder, you can build new folder as reminder.

## 10 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.



Picture10.4-1

# 11 Installation of Procedures

## 11.1 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.

## 11.2 Uninstall

### Uninstall application procedure

1. Click setting icon in main interface.
2. Click **apps**, list all the application procedures installed 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 convenient methods to uninstall after opening procedure manager, click uninstall, it will list all the application procedures installed by system.

# 12 Troubles Shooting

## 1. connect Wi-Fi

- Make sure the wireless router of internet service can work in normal.
- Ensure the user name and password both correct.

## 3. 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.

## **FCC statement**

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 that is received, including any interference that may cause undesired operation.

\*RF warning for Portable device: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

This device is acting as slave and operating in the 2.4 GHz (2412 ~2462 MHz) band.

Ad Hoc function is supported but not able to operate on non-US frequencies. Do not use the device with the environment which below minimum -30 °C or maximum over 50°C .

**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

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