

SMD-5018A User Manual

Brand Name: DAEWOO

Model Name: SMD-5018A

FCC ID: 2AASJSMD-5018A

Basic Information

1. Safety Notice

If your phone is lost or stolen, please immediately inform the telecom department or commission agents of forbidding the use of SIM card, so that avoid the economic loss caused by false calling of others.

When you contact with telecom department or commission agents, they need to know your phone IMEI number (printed on the label on the back of the phone and can be found after taking down the battery). Please copy the number and keep it safe for future use.

In order to use the phone more safely, please adopt preventive measures, for example: set up the PIN code of SIM card, PIN code can prevent your SIM card from being used by others without permission. When leaving the car, please don't place the phone in a place easy to be seen, you had better to carry with you or lock in the suitcase.

2. Safety Alert and Cautions

Before using the phone, please read these cautions carefully so that make sure to use the phone correctly.

3.1 Cautions of Using the Phone

Don't take down or modify the phone; otherwise it may cause the damage, leakage and circuit failure of the phone.

Please don't knock the LCD by force or use the LCD to knock other things; otherwise may cause the damage of liquid crystal plate and the leaking of liquid crystal. If liquid crystal enters the eyes, it may damage eyesight. At this time, please rinse the eyes immediately with clean water (don't rub the eyes), and see a doctor immediately.

3.2 Cautions of Using the Battery

Please don't take down or modify the battery; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of battery.

Don't throw the old battery into general life rubbish. Treat the battery according to the regulated indication in the place that definitely regulates the waste battery treatment.

Please don't throw the battery into the fire otherwise it may cause the fire breakout or explosion of the battery.

3.3 Security Password

3.3.1 PIN

PIN (Personal Identification Number) is used to prevent your SIM card from being used illegally. PIN is usually provided with SIM card together. If you input wrong PIN for continuous three times, please input PUK to unlock it.

3.3.2 PIN 2

You need to input PIN2 when entering some functions (such as call charge); if you input wrong PIN2 for continuous three times, you need to input PUK2 to unlock it. Please contact with network Operations Company for more details.

3.3.3 PUK

When changing the locked PIN, you need to input PUK (Personal Unlock Key). PUK is provided with SIM card together. If it is not provided, please contact with your service provider.

Content

Safety Precautions	5
Before Use	6
1. Install and Unload SIM Card	6
2. T-Flash Card	6
3. Install and Unload Battery	7
4. Charging	7
Quick User Guide	8
Basic Functions	14
Technical Information	26

Safety Precautions

Before using a mobile phone, please read and observe the following rules.

	While driving or answering a call, please use an earphone or stop your car.		Mobile phone interferes with aircraft communication, please ensure that mobile phone power off during the entire flight.
	All mobile phones may be disturbed, and affect their performance.		Please don't use mobile phone and turn off your phone where medical equipments exist.
	To ensure the best performance or avoid damage to mobile phone, please use the original accessories and batteries.		At the gas station and close to the fuel and chemicals and other dangerous goods, please power off your mobile phone to avoid explosion.
	To avoid interference of the blasting operation, In the scene of the explosion or post "Turn off the radio" icon in the local, please power off your mobile phone.		Please don't burn batteries as ordinary garbage, to avoid the risk of life and damage to the environments. Please abide by the local environmental policy, timely deal with or recycle the waste batteries.
	Before your mobile phone is connect with another equipment, please read carefully this manual to ensure safety.		Some small articles (such as T-Flash card, etc.) should be placed out of children reach, to prevent children swallowing or other hazard.
	Please backup the important information or keep a written record, to prevent its loss.		When sending an emergency call, please ensure your mobile phone power on and in a service area, inform your position, without permission, please don't end this call.

Before use

1 Install and Unload SIM Card

1.1 About SIM Card

Before using the phone, you must insert valid SIM (Subscriber Identity Module) card in the phone. SIM card is provided by network supplier.

All the information related to network connection are recorded in the chip of SIM card, also the names, telephone numbers and SMS that storing in the name card holder of SIM card. You can take out SIM card from your phone, and use it in any GSM mobile phone (new mobile phone can read SIM card automatically).

In order to avoid losing or damaging the information saves in SIM card, please don't touch the metal contact surface, and place SIM card in the place that away from electricity and magnetic force. Once SIM card is damaged, you can't use the phone normally.

Prompt: Please make sure to power off the phone before taking out SIM card. It is absolutely forbidden to insert or take out SIM card with external power supply; otherwise it may damage SIM card and the phone.

1.2 Insert and Unload SIM Card

Metal contact surface of SIM card is easily scratched. You must take out SIM card carefully before the assembly.

Power off the phone, remove the rear cover, battery or other external power supply.

Make the end of SIM card without cutting angle inside and aim at the card slot of the phone and metal surface of SIM card face downward, then insert SIM card to the card slot of the phone, the other SIM card is also inserted in this way.

When taking out SIM card, directly pull it outward and then can take out SIM card.

Prompt: Without special explanation inserting two SIM cards are defaulted in the manual. If you just insert one SIM card, maybe some options of the menu will not be shown.

2 T-Flash Card

Aim at the T card slot and push the T card gently, and the card will be inserted correctly.

Prompt: *If the memory card is failed, please check whether it is correctly placed and good contact of metal point.*

3 Install and Unload Battery

Take off the rear cover of the mobile.

Make one end of battery with metal surface aim at the battery connector.

Then gently press the battery downward using the finger, and then press the other end to install the battery.

Prompt: *Please operate correctly to avoid damaging the battery connector.*

4 Charging

4.1 Charger

Insert the charger on the charging interface at the top of the phone. After inserting the charging plug, battery strength icon stripe at the top right corner of the screen is scrolling, which means that the charging is processing; when the stripe is full of the whole icon and stop scrolling, which means that the battery charging is completed; when the charging is completed, please pull out the plug.

When electric quantity is not enough, warning message will be sent; and electric quantity shows empty. When electric quantity is too low, the phone will power off automatically. Please don't make the battery in the status of not enough electric quantity for a long time; otherwise it may damage the battery quality and service life. Please don't charge the battery for a long time.

Prompt: *In order to ensure normal operation of the phone, please make sure to use the designated charger.*

4.2 USB disk Identification

After USB disk is inserted, you can deal with data in USB disk after its light is on. Please refer to "File Manager" for the usage of USB Disk.

Prompt: *It is forbidden to remove USB disk when data in USB disk is being copied, transferred or deleted to prevent data damage.*

4.3 Transferring Data With Computer

4.3.1 Install USB

Connect mobile phone to a computer with a USB cable, drag out the notification bar. Touch “USB Connected”, choose and click “USB storage”, then on the computer, you can view data in Device and SD Card storage. So data transferring can be performed between this device and the computer.

4.3.2 Disconnect USB

After data is mounted onto the computer, you can drag out the notification bar, touch to turn Off “USB Storage”, and then disconnect with USB link.

Prompt: *It is forbidden to disconnect USB link during transferring data, because it can lead to data loss or damage.*

Quick User Guide

The phone has not only the basic functions of mobile phone, but also support rich, practical and rapid feature functions, can be briefly introduced as follows:

1. Power On/Off

In the power-off mode, long press **[Power]** key, it will power on; otherwise. In the power-on, long press **[Power]** key, and choose **Power off**, it will power off. If you set up SIM lock or phone lock, please input the code according to the requirements.

In any other interface, short press this button to lock the screen.

Warning: *As mobile phone can cause interference and dangerous where you are prohibited to use mobile phone, please power off your mobile phone.*

2. Turn On /Off Screen

2.1 Turn Off Screen

Please short press [Power] to turn off the screen to save power.

Prompt: *To save power, you can also set screen timeout time in Display Settings, when the timeout time is up, without any operation during the standby time, the screen will shut off automatically.*

2.2 Turn On Screen

When the screen is off, please short press **[Power]** to wake up the screen.

3. Lock and Unlock

3.1 Lock

Please press **[Power]** to lock this screen to prevent some unexpected operations.

Prompt: If screen timeout time is set in system settings, this phone will turn off and lock its screen during the standby time if it is idle.

3.2 Unlock

After the screen is off, please press **[Power]** to wake up the screen, and then drag the slider upwards to the green ball to unlock the screen.

Prompt: Drag the slider downwards to the white ball to switch between Sound and Vibrate state.

4. Add new page

On widgets list screen, choose and press a widget to draw to idle screen, and slide to add a new page.

5. Hot Buttons

On the shortcut bar, to touch  button enters Dialer interface; to touch  button enters Contacts interface; to touch  button enters Messages interface; to touch  button enters Main Menu.

6. Desktop Menu

On the desktop, press **[Menu]** key, or long press space area, you can display options, including: **wallpapers, widgets, settings.**

Touch and choose one, you can operate the corresponding functions.

7. Main Menu

In Main Menu interface, you can slide the screen left and right to browse all the applications. Touch and choose one, you can enter and run this application.

8. Move Applications

Choose a desktop, touch  button to enter Main Menu, long press an application, drag it onto the free area of the desktop, you can create this application shortcut on the current desktop. By this way, you can create any favorite application shortcut onto the 1st-5th desktop.

Prompt: Before creating an application shortcut, you make sure that there is free space to place this App. on this desktop.

9. Delete Applications

On the current desktop, long press an application shortcut, drag it onto the top dustbin; you can delete this application shortcut from the current desktop.

10. Notification Bar

On any interface, drag the screen downward from the top, you can display Notification bar; then drag the screen upward from the bottom, you can hide the notification bar.

You can operate the following on Notification bar:

10.1 SIM Card Info.

You can view the operator information of SIM 1 and SIM 2 on Notification bar.

10.2 Running App.

You can view the running applications on Notification bar.

Tips: In any interface, long press **【Home】**, it displays the pop-up box of “Recent Apps and Running Apps”. Touch the option of “Recent Apps”, you can view the recently running applications, choose and click one, you can enter directly this application; Touch “Running Apps” to view the currently running applications, click one to kill it from progress.

10.3 USB Status

You can view USB connection state.

10.4 View Notifications

After dragging downward Notification bar, you can view the notifications of new SMS & Call & Email, etc., touch an option to enter its view interface.

On notification interface, touch **[Clear]** button, you can clear the notifications of SMS & MMS & Email& Missed Calls & WLAN& Bluetooth.

Tips: After touching [Clear] button, you can't clear the notifications of the running applications.

11. Status Bar

On the LCD top of the idle interface, it is Status Bar. You can't operate the status bar, it displays some relevant information, including: WLAN, Bluetooth, Battery power, System time, etc.

12. Bluetooth Connection

This device supports Bluetooth 4.0, you can listen to music with Bluetooth earphone. About Bluetooth settings and operations, please refer to the section of Bluetooth in System Settings.

Prompt: Bluetooth function and operations are based on the real product.

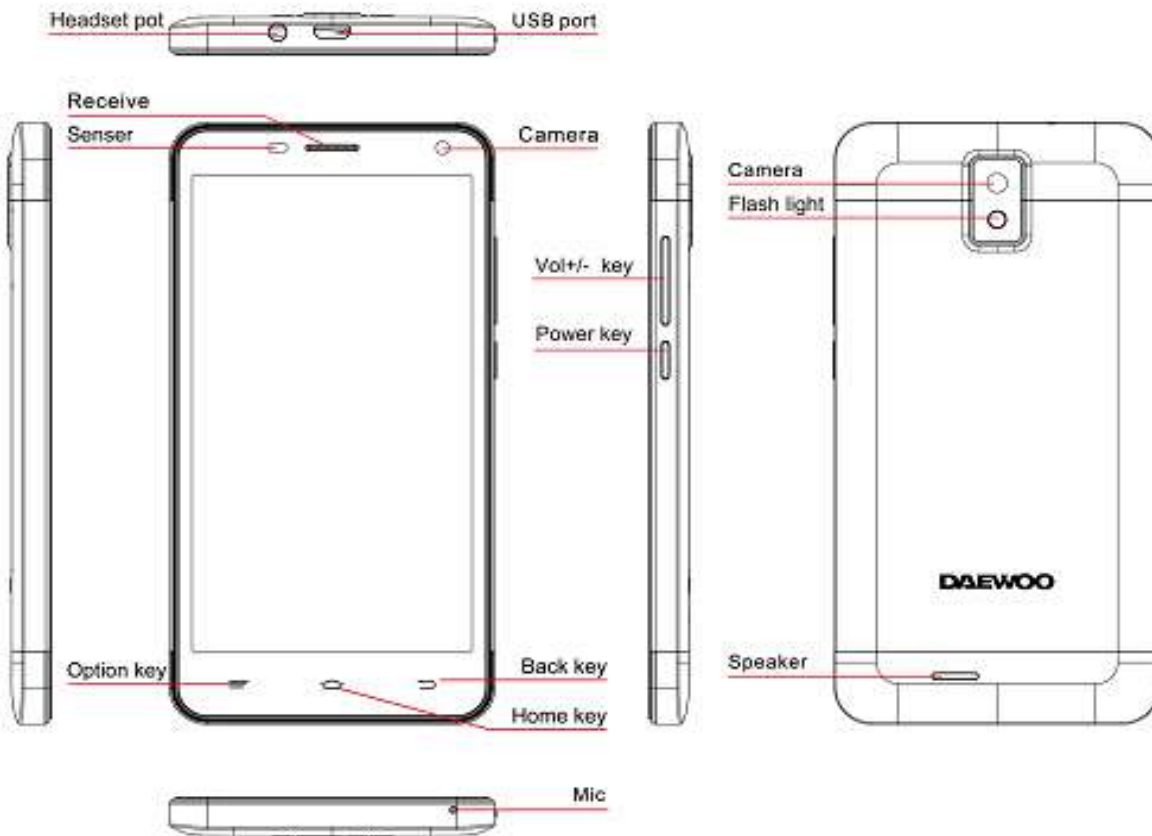
13. WLAN Connection

You can access to the local network through Wi-Fi. About Wi-Fi settings and operations, please refer to the Wi-Fi section in System Settings.

14. Input Methods

This mobile phone is embedded one input method "AndroidKeyboard". Long press any input field to display the pop-up box of "Edit Text", then touch "Input Method" to display the pop-up box of "Select Input Method". In system settings, you can set Input languages, it supports English (United States) language input.

15. Description of Keys



Key	Function
[Menu] Button	Short press to display options box.
[Home] key	Short press to return to the desktop.Long press to view the latest task.
[Back] key	Press to return to the upper layer.
[Volume] Key	Press [Volume+] to turn the call voice louder; press [Volume-] to turn lower.
[Power] Key	Long press [Power] key to power on or off mobile phone.
	Short press [Power] key to turn off the screen when a call is talking.
	Short press [Power] key to turn off & lock the screen in anyinterface. Press again to lighten screen.

Basic Functions

1. Phone

In the idle mode, click  to enter Dialer interface.

1.1. Answer a Call

When an incoming call arrives, the phone will give out the corresponding prompt (such as vibration, ringtone, and etc.); if network support, the phone screen will show the name and telephone number of the caller, slide  rightward, answer this call.

1.2. Refuse a Call

When a call is coming in, slide  leftward, refuse this call.

1.3. End a Call

After finishing a call, click  to end this call.

1.4. Call Operation

During a call, touch screen to operate the following:

- **Add Call:** Click , enter a phone number, add another call.
- **Dialpad:** Click  to display Dialpad interface.
- **Mute:** Click  to set this call mute.

- **Hold:** Click  to hold a call.

- **Speaker:** Click , switch call voice to Speaker; click it again to switch call voice to Receiver.

- **End Call:** When finishing a call, touch  to end call.

1.5. Call log

Click  Enter Call log.

1.6. Call log list

After entering Call log, it displays all call records. Choose and touch one of call records, enter its details.

1.7. Call log Details

On call record details, click  to dial this call record number by SIM1 or SIM2. Click , enter message edit interface, input message content, send a message to this contact's phone number by SIM1 or SIM2. Click , add to contacts.

1.8. Call Classification

On Contacts interface, click “Call Log”, enter call records list. Click “All” or “Missed” or “Outgoing” or “Received” to switch into the corresponding interface. Press [**Menu**] to display options menu, operate the following:

2. Contacts

This function could help you browse the name card holder, store, edit and delete the names and phone numbers in the phone and SIM card. In contacts list, click “contacts” or “Call log” or “Favorites” or ”Phone”, it switches among Contacts & Call log & Favorites & “Phone”.

2.1. Contacts List

In contacts list, press **[Menu]** button

Contacts View

On contacts view interface, press **[Menu]**, perform the following functions: **Edit contact, Share, Options, Delete contact.**

3. Messaging

On Main menu interface, enter “Messaging”.

3.1. Messages List

On messages list, touch “New Message” to enter message edit interface. Touch a message to enter its view.

3.2. Messages View

On message list, touch a message to enter its content interface. On message view, press **[Menu]** to display options menu, operate the following: **Call, Add subject, Attach, Insert contacts, Insert smiley, Delete thread, All threads, More.**

4. Browser

On Main menu, enter and run Internet, access to the website.

Press **[Menu]** to display options menu, operate the following:

- **New Window** : Open a new window, and view the corresponding website.
- **Bookmarks**: Access bookmark page, add or delete bookmarks, browse “History” or “Most Visited”.
- **Windows**: Access to the window page, add or delete a window.

- **Refresh:** Refresh webpage.
- **Stop:** Stop webpage.
- **Close:** Exit webpage.
- **More:** Include **Forward, Save to bookmark, Go to homepage, Find on page, Select text, Page info, Share page, Downloads, Save page, Full screen switcher, Settings.**

5. Calculator

On Main menu, enter Calculator. It supports four arithmetic operations such as “+”, “-”, “x” and “/”. Slide the screen to switch into functional operation, e.g. Sin, Cos, Tan, Ln, Log,!, π , e, $^{\wedge}$, etc.

6. Calendar

On Main menu, enter Calendar.

6.1. Month Display

On month display of Calendar, slide the screen up and down to view the previous and the next month calendar. Display option menu

6.2. Day Display

On day display of Calendar, slide the screen up and down to view the different time of the current day; slide the screen from left to right to view the previous and the next day.

6.3. Week Display

On week display of Calendar, slide the screen up and down to view the different time of the current day; slide the screen from left to right to view the previous and the next week.

Prompt: The operations of **[Menu]** for Day or Week display state please refer to Month display.

7. Camera

On Main menu, enter Camera.

7.1. Camera

On the view interface. Touch  to take photos. Touch  to change primary or secondary camera. Touch  to switch Video recorder, Touch  to turn on/off flash, Touch  to display the parameters box. Include: GPS location info, Exposure, Color effect, Scene mode, White Balance, Anti-flicker, Face Detection, Self timer, Continuous shot, Picture size, Preview size.

7.2. Video Recorder

Touch settings icons to display the parameters box. Include: **Microphone, Audio mode, Time lapse interval, Video quality.**

8. Clock

After entering Clock, touch  to set Alarm; touch  to access to timer; touch  to access to stopwatch; touch  to select cities.

9. Downloads

Check the downloaded content.

10. Email

On Main menu, enter email. You can use (this device) it to receive or send your Email anywhere or at any time.

***Note:** E-mail can be used normally when the wireless network is well connected.*

11. File Manager

On Main menu, enter File Manager.

11.1. Files / Folders List

On file explorer interface; touch  to search audio or video or picture or other files;

11.2. Option Menu

On files or folders directory interface, press [**Menu**] to display option menu.

11.3. Long Press Options

On files or folders directory interface, choose and long press a file or folder to display its options menu.

11.4. Open / Play

If there are some pictures & audio & video & other file formats in a folder. Choose and touch one of them.

12. FM Radio

On Main menu, enter FM Radio interface, insert headset , then you can listen to FM radio.

***Prompt:** When the battery of your cell is insufficient, you may not run FM Radio.*

13. Gallery

On Main menu, enter Gallery. Touch  to switch into Camera interface.

Press [**Menu**] , operate the following:

- **Share:** Share picture folder(s) by Messaging or Bluetooth or Email.
- **Delete:** Delete the chosen folder(s).
- **More:**
- **Details:** View the details of the chosen folder.

14. Gmail

Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail on your phone is automatically synchronized with your Google account on the web. The inbox conversations list is your default Gmail view.

Touch the Menu key, then touch Refresh to send or receive new emails and to synchronies your emails with your Google account on the web. With menu key, you can compose an email add accounts, go to labels, search and so on.

15. Maps

Google map is the company to provide electronic map service, including the local detailed satellite images. This service

can provide contain administrative zones and transportation, and business information of vector maps, satellite images of different resolution, and can be used to display the terrain and terrain contour view are applied in all kinds of platform, operation simple and convenient.

16. Music

Music player supports various audio formats, including: Midi, MP3, amr and wav, etc.

17. Settings

In settings, you can perform: Wireless controls, Sound settings, Display settings, Security & location, Applications, SD Card and Local disk, Date and time, Accessibility, Speech synthesis, About phone, etc.

17.1. Wireless& networks

In wireless network control, you can set Wifi, Bluetooth, Networks, VPN settings, Airplane mode, etc.

17.1.1. Wi-Fi On/Off

Touch “Wifi” to switch between “On” and “Off”.

Please turn off Wifi to save power when not using.

17.1.2. Bluetooth On/Off

Touch “Bluetooth” to switch between “On” and “Off”.

To save power, please turn off Bluetooth when not using.

17.1.3. Bluetooth settings

You can set Bluetooth On or off, Device name, Discoverable, Scan for devices and list the scanned devices.

17.1.4. Airplane mode

Touch “Airplane Mode” to switch between “On” and “Off”. If Airplane mode is On, all the wireless networks will be disconnected automatically in this mode.

17.1.5. Warning: Even if airplane mode is activated, it is forbidden to use (on) in plane or in some *special labs or under hospital equipments, other special environments, etc., so as to prevent the intervention of electronic equipments to the communication or this device, you are advised to power off this device in such environments.*

17.1.6. Tethering & portable hotspot

Share your phone's mobile data connection via USB or as a portable Wi-Fi hotspot.

17.1.7. VPN Settings

In VPN settings, you can add a new VPN, set VPN server, enable Encryption, DNS search domains, etc.

After adding a new VPN, touch it in the VPNs list, and you can connect it to network.

17.1.8. Mobile Networks

In Mobile Networks, you can set Data enabled or Data Roaming or Access Point Names or Network Operators.

17.2. Audio profiles

In sound settings, you can set Silent Mode, Ringer Volume, Media Volume, Notification Ringtone, Audible Touch Tones, Audible Selection, Haptic Feedback, SD Card Notifications, etc.

17.3. Display Settings

In display settings, you can perform such operations as “Brightness”, “Auto-rotate Screen”, “Wallpaper”, “Sleep”, etc.

17.4. Storage

17.4.1. SD Card

- **Total Space:** View the capacity of SD card when SD card is inserted.
- **Available Space:** View the available space of SD card.
- **Un-mount SD Card:** You can un-mount SD Card for safe removal.
- **Erase SD Card:** Erase all data on the phone's scars, such as music and photo.

If you format SD card, it will erase all the data in SD card, please be prudential to use this feature.

17.4.2. Internal Phone Storage

- **Available Space:** View the capacity of RAM.

***Note:** If you format Local disk, it will erase all the data in Local disk, please be prudential to use this feature.*

17.5. Battery

Check the electricity consumed by each application.

17.6. Apps

17.6.1. Manage Applications

User can manage and remove the installed applications.

17.6.2. Running services

User can view and control currently running services.

17.6.3. Storage use

View storage user by applications.

17.7. Location

You can set My Location or GPS satellites.

17.8. Security

17.8.1. Screen Unlock

You can set up screen lock.

17.8.2. Owner info

Type text is to display on the lock screen.

17.8.3. Set up SIM card lock

You can set up SIM1 or SIM2 card lock.

17.8.4. Make passwords visible

You can set visible passwords on or off.

17.8.5. Device administrators

Add or remove device administrators.

17.8.6. Unknown sources

The third party application can only be installed only if this function is initiated. Otherwise, the third party application can't be installed.

***Note:** When installing or using the third party applications, please take care! Only the user is responsible to the data*

damage or data loss, etc. that are resulted from the installation and use of the third party application.

17.8.7. Trusted credentials

You can set Credential Storage.

17.8.8. Install from SD card

Install encrypted certificates from SD card.

17.8.9. Clear credentials

Clear credential can be storage of all contents.

17.9. Language & input

17.9.1. Select Language

You can select language.

17.9.2. Personal dictionary

Press [Menu] to add words to User Dictionary or delete words.

17.9.3. Keyboard settings

- Android keyboard settings: Include Vibrate On Key press, Sound on key press, Popup on key press, Touch to correct words, Auto-capitalization, Show settings key, Input languages, Quick fixes, Show suggestions, Auto-complete.

17.10. Backup & reset

It includes back up my data, backup account, Automatic restore, DRM reset, Factory data reset.

17.11. Accounts

You can perform adding accounts and Sync settings.

17.11.1. Manage Accounts

You can add or delete sync accounts.

17.12. Date & Time

You can set date, time zone , time , date format and 24-hour format

17.13. Scheduled power on & off

Set automatic switch machine on or off.

17.14. Accessibility

Manage accessibility options.

Note: This feature is based on the real product.

17.15. Printing

After link to a print device, we can start printing.

17.16. About phone

17.16.1. System updates

Can upgrade the system

17.16.2. Status

You can check and view “ Battery status”, “Battery level”, “SIM status”, “IMEI information”, “Wi-Fi MAC address” , “Bluetooth address” , “IP address”, “Serial number”, “Up time”.

17.16.3. Legal information

Check the open source license.

17.16.4. Model number

Display the device number.

17.16.5. Android version

Display its Android version.

17.16.6. Baseband version.

Display its Baseband version.

17.16.7. Kernel version

Display its kernel version

17.16.8. Build number

Display the device to build number.

17.16.9. Custom build version

Display its software version.

18. Sound Recorder

On Main menu, enter Sound Recorder. The format of recording files is *.3gpp, the recording length depends on the size of T-Flash card.

Touch  to record, touch  to stop recording, touch  to play the recording file in the list. Choose and long press a recording file to delete.

19. Video player

Enter video player, in the folders list, choose and touch a video folder to enter, slide from left to right to view videos list.

Touch a video and choose a kind of play way, it starts to play this video. Touch  to play; touch  to pause. Drag the slider from left to right to fast-forward or rewind.

20. Flashlight

We can open flashlight in dark place.

21. SIM Toolkit

The SIM Application Toolkit (SAT), or SIM Toolkit, is a set of command specifications that define how applications on a Subscriber Identity Module (SIM) card must interact with any Mobile Equipment (ME)

Technical Information

General	2G Network	GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2
	3G Network	WCDMA 850/1900
	SIM	Dual SIM , dual stand-by
Body	Dimensions	140*72.7*8.9mm
	Weight	163.7g
Display	Type	5.0" QHD, IPS
	Size	960 x 540 pixels
	Multi touch	Yes (two points)
Memory	Card slot	TF card up to 32 GB
	Internal	8GB ROM, 1GB RAM
Data	GPRS	Yes
	EDGE	Yes
	WLAN	Wi-Fi 802.11 b/g/n, dual-band, Wi-Fi Direct, Wi-Fi hotspot
	Bluetooth	Yes,
	USB	Yes, micro USB v2.0
Camera		Secondary 2MP, Primary 8MP (Interpolated from 5MP)
Features	OS	Android 4.4
	Chipset	MTK 6582
	CPU	Quad-core 1.3 GHz
	Colors	Black
Battery		Max Li-Ion 1800 mAh battery

FCC RF EXPOSURE INFORMATION:

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION:

This device was tested for typical body-worn operations with the back of the phone kept 10mm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the back of the phone, including the antenna. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories that cannot maintain 10mm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications

Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSIC95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

NORMAL POSITION:

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

RF Exposure Information:

This product is compliance to FCC RF Exposure requirements and refers to FCC website search for FCC ID: 2AASJSMD-5018A to gain further information include SAR Values.

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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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

Do not use the device with the environment which below minimum -10°C or over maximum 50°C , the device may not work.

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.

Ad Hoc function is supported but not able to operate on non-US frequencies.