



User's Manual of Ratina

Mobile Phone

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1. Basic Information

Thanks for selecting Ratina PRO color screen GSM digital mobile phone. Through reading the manual, you can fully know how to use Ratina PRO mobile phone, appreciate its complete function and simple operating method.

Ratina PRO color screen mobile phone is designed aiming at GSM network environment; the phone is Two Card Two Standby, but you can not call another SIM card when one SIM card is under phone call. Besides basic call functions, Ratina PRO also provides many kinds of practical functions, such as name card holder, scene mode, message, audio and video player, camera and video, game, Bluetooth, alarm clock, calculator,, STK, time and date, auto power-on and shut-down and etc. so that convenient for your work and leisure activities. In addition, Ratina PRO adopts personalized human-computer interface design, its complete function can meet

your different requirements.

Ratina PRO color screen mobile phone accords with GSM criterion, has obtained the certification of competent authority.

The company reserves the rights to revise the contents of the manual without prior notice.


2. Before Use







2.1. Name and Explanation of Each Part

2.1.1. Appearance Sketch Map

The picture is only for your reference.

2.1.2. Description of the Standby Pictures

	<p>Network signal strength</p> <p>The more the stripe is, the stronger the signal is. When SIM card 1s inserted in card slot 1, standby screen will show the icon.</p>
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	<p>Network signal strength</p> <p>The more the stripe is, the stronger the signal is. When SIM card 1s inserted in card slot 2, standby screen will show the icon.</p>
	<p>Battery strength</p> <p>The full the fill is, the more electric quantity is. Standby screen will show the icon.</p>
	<p>Silent mode</p> <p>When scene mode is set as mute mode, standby screen will show the icon.</p>
	<p>Vibrate mode</p> <p>When scene mode is set as Vibration mode , standby screen will show the icon.</p>
	<p>Indoor mode</p> <p>When scene mode is set as indoor mode, standby screen will show the icon.</p>
	<p>Outdoor mode</p> <p>When scene mode is set as outdoor mode, standby screen will show the icon.</p>

2.1.3. Description of Keys

Keys	Function
Left soft key/ Right soft key	<ol style="list-style-type: none">1. Execute functions that the left-down/right-down corner indicator shows.2. In the standby mode, press Left Soft key to access Menu, Right Soft key to access Contacts.
Navigation key	On other interfaces, it equals to navigation key and direction key except for special functions.
OK key	Press it to confirm.
Dial key	<ol style="list-style-type: none">1. Press this key to dial or receive an incoming call.2. When in the standby mode, press this key to access Dialed Calls.
End key	<ol style="list-style-type: none">1. Mainly used as power on/off.2. Press to return to standby screen in any interface.

	3. End calls or reject incoming calls.
Number key	It is used to dial and input numbers Press and hold Number key 1 or 2 to get through the preset voice inbox.
# Key	On the standby interface Press and hold "#" key to transfer the profile of Normal/Silent/ Vibrate.
* Key	On the standby interface, input *; after inputting telephone number, if you want to input extension number, please press twice asterisk key, after the display screen shows "+", please input your extension number.

2.2. Install SIM Card and Memory Card

2.2.1. 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.

2.2.2. Inserting and Taking out 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.

2.2.3. Memory 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.

2.3. Battery

2.3.1. Install the 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.

Do not place the battery in fire ; follow local laws and ordinances in Disposing used battery.

Check the model number of the charger before using it to charge the mobile.

Only use approved battery , charger and accessories applicable to the specific mobile model . Using other types of battery , charger and accessories may violate the certification or warranty terms of the accessories may violate the certification or warranty terms of the equipment and may result in danger .

Return waste and used batteries to the supplier or specified recovery site .

CAUTION!

Risk of explosion if battery is replaced by an incorrect type .

Dispose of used batteries according to the instructions .

2.3.2. Charging

Insert the charger on the charging interface at the side end 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.

2.4. Security Password

■ 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. Please contact with network operations company for more details.

■ **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.

■ **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. If you input wrong PUK for continuous ten times, the SIM card can't be used again. Please contact with your service provider to buy new card. You can't change PUK. If you lose the code, please contact with your service provider.

■ **PUK2**

When changing the locked PIN2, you need to input PUK2. If you input wrong PUK2 for continuous ten times, you can't use the functions that need PIN2. Please contact with your service provider to buy new card. You can't change PUK 2. If you lose the code, please contact with your service provider.

3. Quick User Guide

3.1. Feature Functions

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:

- **Contacts:** Each name card holder record stored in the phone can be related with several telephone numbers at most, the phone can store 500 records at most; can send SMS in the name card holder; you can copy name card holder record between SIM card and the phone.
- **Profiles:** Custom the ringtone (include ringtone settings, volume adjustment, incoming call prompt, message prompt, alarm clock prompt, key-press tone, low voltage warning tone, power-on and power-off tone) according to different events or environment.
- **Call log:** The phone will automatically store the information of call log for you to check; support to call the telephone number in the call log; support to save the telephone number in the call log to name card holder and set as rejected call; support the function of sending SMS and etc. to the telephone

numbers in the call log.

- **Message:** The phone supports storing SMS and 100 pieces at most. The phone supports the storing status of SMS in SIM card and the phone.
- **Multimedia:** Your phone provides all kinds of entertainment services including player, camera, FM radio and other functions.
- **Camera:** The phone supports camera and video function. You can customize the camera and video, and switch between prepositive and postpositive video captures through menu option.
- **Tools:** The phone supports various practical functions. Supports alarm clock, calendar, calculator and other functions.
- **Settings:** You can customize the phone according to the needs, include phone settings, display settings, call settings, security settings and other functions.
- **Input method:** The phone supports various input modes, which is convenient for you to input English, letters, numbers, symbols, and etc.

3.2. Dial a Call

In standby mode, press numerical keys to input phone number to dial phone number. When you finish inputting phone number, press the dial key to make a call. If you're making a long distance call, add the area code preceding the telephone number.

3.3. Reject a Call

You can press End key to reject an incoming call.

3.4. Receive 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; at this time, you can press Dial key to receive an incoming call.

3.5. End a Call

After finishing a call, you can press End key to end a call.

3.6. Emergency Services

You can directly dial an emergency service call without SIM card.

Different network uses different emergency numbers, please consult your network operations company for more details.

3.7. Extension Speed Dial

After inputting telephone number, if you want to input branch number, please press and hold “*”, input your extension number after the display screen shows “P”. After getting through the call, it will directly dial the extension.

3.8. Dialed Calls/Missed Calls/Received Calls/Rejected Calls

You can enter call log to check the relevant details of dialed calls, missed calls, received calls and rejected calls.

Prompt: The record of incoming call from blacklist number will be saved in Rejected Calls.

3.9. Call Forward

After call forward function is started, according to different forward conditions settings (Call Forward Unconditionally,

Forward Busy, Forward No Answer, Forward Can Not Reach), you can select to switch the incoming call to voice inbox or other telephone numbers.

3.10. Call Waiting

After call waiting function is started, when you are calling, the other call can be put through.

3.11. Call Barring

After call barring function is started, according to different restricted conditions settings (all the dialed calls, all the incoming calls, incoming calls when roaming, dialed international calls, outgoing international calls when roaming), you can restrict the call under the corresponding conditions (need to apply to network operator for business).

3.12. Power off the Phone

In the standby mode, press and hold End key to power off the phone.

3.13. T-flash Card

Insert the T-Flash card into phone from the background. This will expand the Flash memory of the phone. Tap Multimedia menu, you can browse MP3, MP4, picture, video, photograph etc.

4. Function Menu

4.1. 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. To facilitate the management of the records, this phone sets the group function, collecting the similar items into a group. The storage capacity of the SIM card varies and the maximum storage capacity of this phone is 500.

On the standby interface, press right soft key to enter the interface of the name card holder. When the record of the name card holder is not empty, press left soft key for the following operation:

Prompt: Take the records in SIM card 1 for example.

4.1.1. New

Create new name card holder records to SIM card or the mobile phone.

4.1.2. Write message

Send SMS or MMS message to this record.

4.1.3. Call

Dial this record directly or by means of IP call.

4.1.4. Delete

Delete this record.

4.1.5. Delete multiple

Delete multiple records you selected.

4.1.6. Import/Export

Import or export the contacts.

4.1.7. Others

——Own number: Edit my number.

——Service number

——Memory status: You could enquire the capacity of SIM1, SIM2 and the phone.

4.2. Call Logs

Display your recent call log.

4.2.1. Missed calls

Display the list of your recent missed numbers.

On the interface of Missed, choose one record, then press left soft key “Option” to enter the Option interface and you could go on the following operations.

- Details: Display the information of dial calls (Number, Date, Time, Duration, From, Style, and SIM Name)
- Call: Recall the number.
- Write message: You could send message to this number.
- Add to contacts: Add the number to Phone/SIM1/SIM2
- Add to blacklist: Add this number to the blacklist.
- Delete: Delete this record.
- Delete all: Delete all the records in the Missed list.

4.2.2. Dialed calls

Display the list of your recent dialed numbers. The operation is the same as the Missed.

4.2.3. Received calls

Display the list of your recent answered numbers. The operation is the same as the Missed.

4.2.4. Rejected calls

Display the incoming call records in the blacklist. The operation is

the same as the Missed.

4.2.5. Delete all

You could delete all the records of the Dialed, Received, Missed and Rejected.

4.2.6. Call timer

Display information details of SIM1/SIM2: Last Call, Received Calls, Dialed Calls, and All Calls. Press left soft key to "Reset".

4.2.7. GPRS counter

Display information details of SIM1/SIM2: Last sent, Last received, Total sent, and Total received. Press left soft key to "Reset".

4.3. Settings

You can customize the settings, such as time and date, language, call settings etc.

4.3.1. Phone settings

- Time & date: You can set up the date and time on the phone as well as their display mode.
- Language settings: You can select phone language.
- Auto Power on/off: You can set the time and repeat mode of power-on and power-off.
- Power saving: You can view the electric quantity of your battery.
- Restore factory settings: You can restore part of the phone settings as factory settings. The default code of restoring factory settings is: 1234.

4.3.2. Display

- Animation effect: including Main menu effects, List effects, Power on display, Power off display.
- Wallpaper settings: You can set as default wallpaper image as well as more other wallpaper images.
- Idle display settings:
 - Time & date
 - Service provider

- — Today`s schedule
 - — Customized word
- Screen lock
 - Activate
 - Deactivate
- Contrast: On the screen backlight interface you can set different lightness of your phone by pressing the left/right direction key.
- Keypad backlight time:
 - — 20secs
 - — 10secs
 - — 5secs
 - — night mode
 - — Off

4.3.3. Security

— — PIN

You can start up, shut down or modify PIN code. Correct PIN code shall be input when you unlock or shut down PIN code. If PIN code verification is started up, each time when you switch on your phone, you will have to input PIN code. If you input

mistaken PIN codes three times in a row, SIM card will be locked. You will have to get PUK1 code to unlock it. Please contact network operator to get PUK1 code when necessary.

The default PIN code is 1234.

——Modify PIN2

You can modify PIN2 code. For details, please contact network operator.

——Phone locked

You can start up or shut down “phone locked” or revise it. When “phone locked” is started up, you will have to input “password” each time when you use the phone. The default phone password is 1234.

——Modify the cellphone password

——Privacy

You can review privacy protection password. Besides, you can also set passwords for some menus, in this way, you will have to input password each time when you desire to open the menus. The default password of privacy protection mode is 1234.

Auto keypad lock

— — off

— — 15secs

- 30secs
- 1min
- 5min
- Lock screen by end-key
 - Activated
 - Off
- Fixed dial number
- Blacklist
 - Blacklist list
 - Blacklist settings

4.3.4. Call Settings

- Dual-SIM
 - Standby mode: Only SIM1 enable/ Only SIM2 enable/ Dual SIM dual standby
 - Reply by original SIM: Call/SMS Reply by original SIM
 - Set SIM name: You can set any name you like as the name of SIM card slot.
- Call divert: When “call divert” function is started up, you can transfer the incoming call to voice inbox or other phone number according to the scheduled “ call divert” conditions.

- Call forwarding unconditional: All incoming calls will be transferred to voice inbox or other phone number according to the setup.
- Call forwarding on busy: When your number is busy, the incoming calls will be transferred to voice inbox or other phone number according to the setup.
- Call forwarding on no reply: When there are missed calls in your phone, they will be transferred to voice inbox or other phone number according to the setup.
- Divert If Unreachable: When your phone is power off or out of the service area, the incoming calls will be transferred to voice inbox or other phone number according to the setup.
- Cancel All Diverts: You can delete all settings of call divert.

- Call waiting: You can start up or shut down the function. When it is started up, even when you are making a call, you

can also receive another income call.

- Call barring: All outgoing calls, incoming calls, roaming incoming calls, international outgoing calls, roaming international outgoing calls are available.
 - All outgoing calls: Activate/Deactivate/Check Status
 - All incoming calls: Activate/Deactivate/Check Status
 - Incoming calls when roaming: Activate/Deactivate/Check Status
 - ISD calling: Activate/Deactivate/Check Status
 - Dial when INTL roaming: Activate/Deactivate/Check Status
 - Cancel all barring : Cancel all restrictions on the call.
 - Change Password: You can consult your network operator about the call barring password.

Prompt: The above-mentioned function will have to need network support. To use the function, please contact your network service provider.

- Select line: There are two lines can be selected: line 1 and line 2. But the function just for the phone which has one

SIM card and two numbers. If your phone is not the type like that, please just select line 1, because if you choose line 2, dialing will be limited.

Select SIM1/SIM2

—Line 1

—Line 2

- Hide ID: This function must be supported by network.

Select SIM1/SIM2

—Hide ID

—Display own ID

—Display ID by Network

- Others:

— —IP shortcut key: In this function, you can set IP call to enter the number.

— —Call time minute reminder

— —Auto redial: Activate/ Deactivate

— —Vibration when connected: Activated/Off

— —Auto record voice call: Activated/Off

4.3.5. Connections

- Network account

You can select network count which you want to use.

- GPRS Service
Activated/Off
- Data connection settings
You can select connect when needed, always connect.
- Network selection

This function can let you select the network manually or automatically when the phone is in the roaming state. You can use this function only after you have made an effective roaming.

Select SIM1/SIM2 and then access:

—Auto Select: Press the left key and Ok, the mobile phone will search various networks. This operation will let your phone register the most suitable network.

—Manual Select: Press the left soft key and Ok, the mobile phone will search various networks. You can select the suitable network from the listed networks.

4.4. Internet

1. Your Internet service provider may not support some functions, please confirm that your SIM card supports Internet function and the function has been opened.

2. If WLAN network is applicable, surf the internet through WLAN interlinkage.

Open the starting page of the browser, users can enter into input

URL, search, bookmarks, history and stored pages through the interfaces

4.5. Message

4.5.1. Write Message

You could write new message by using this function. When you input the message to be sent, press left soft key to send, to insert the templates, to add contact person information and symbol, and to save, etc.

--Send: Enter the interface of input number, you can dial the phone number directly, or press left soft key to enter the name card holder and choose the number to send.

--Insert template: Enter the templates interface and you could insert the template to the message.

--Add contact info: Enter the Name card holder interface and you could insert the name card holder information to the message.

--Add phiz: Enter the symbol interface and add the symbols to the message.

--Timing send: On/Off

--Save as drafts: Save this message to the drafts.

4.5.2. Inbox

Store the SMS message you've received. The SMS message could be differentiated by different icons. The icons before the message list means whether this message is SMS message and which is stored in SIM1, SIM2 or the phone.

Choose one SMS press left soft key, then you will do several operations, for example, reply the SMS, delete, dial and mark. Press OK key directly you can read this SMS.

- — Reply: You could choose to reply the addresser by SMS.
- — Delete: Delete this message.
- — Call: Call the addresser.
- — Lock/unlock: Lock the message or unlock it.
- — Mark: Choose this message or all messages in the inbox, or only choose the messages saved in SIM 1, SIM 2, SIM1storage SMS or SIM2 storage SMS
- — Sort: Sort the messages in the inbox by time, contact person, theme or message type.
- — Delete repeated numbers: Delete all the messages of the same number.

4.5.3. Outbox

Store the SMS you've sent in failure. The SMS could be differentiated by different icons. The two icons before the message list means whether this message is SMS, and it is stored in SIM1, SIM2 or the phone.

Choose one SMS and press left soft key, you could send, delete, lock, mark, sort, and so on.

4.5.4. Drafts

Store the SMS you've edited. The SMS could be differentiated by different icons. The two icons before the message list means whether this message is SMS, and it is stored in SIM1, SIM2 or the phone.

Choose one SMS press left soft key, you could delete, edit, lock, mark, sort, and so on.

4.5.5. Sentbox

Store the SMS you've sent successfully. The SMS could be differentiated by different icons. The two icons before the message

list means whether this message is SMS, and it is stored in SIM1, SIM2 or the phone.

Choose one SMS and press left soft key, you could delete, forward, lock, mark, sort, and so on.

4.5.6. Templates

You could edit or delete the templates.

4.5.7. Settings

■ SMS Settings

There are seven options: SIM 1 service center, SIM2 service center, service center validity period, status report, save sent message, prior storage medium.

--SIM1 msg center: Display the SMS service center number in SIM1.

--SIM2 msg center: Display the SMS service center number in SIM2.

--Message validity period: You could set the validity period of the message for 1 hour, 6 hours, 24 hours, 72 hours, 1 week and the maximum value.

Prompt: This time is related with the services of the network operator.

--Status report: May choose to start up or shut down the delivery report. After switching this function as on, when the receiver gets the message or doesn't get for some reason, the SMS service center will give you a delivery report, so you will know whether your message sent successfully or not conveniently.

--Save sent messages: There are three options: "prompt", "Save", "Not save".

Prompt: Before sending the message, you will be suggested to choose "Send and Save" or "Send only".

Save: Save automatically your sent message.

Not save: Not to save automatically your sent message.

--Preferred storage: You could choose the preferential storage position at SIM card or phone.

4.5.8. Message capacity

You could view the capacity of SMS.

4.6. Camera

You can take photo at any time .The photo can be used as wallpaper of your device or you can send it to your friends through Bluetooth.

On the photo preview interface, press Middle key to get a picture. Press the left soft key, and you can carry out such operations as More options Image viewer and Settings. If you press settings you get the following options:

- Camera switch: You can select Rear camera or Front camera.(option)
- Quality: There are three options in photo image quality: Advanced, Normal and Low. The default mode will be “Normal”.
- Banding: You can set as 50Hz or 60Hz.
- Shutter sound: You can set up the sound of shutter as:
Active or Off.
- Auto save: You can select “Active” or “Off”.
- Storage: You can save it to the memory card.

4.7. DV

You can record videos on your phone. Press the Middle key

to start and pause the recording. Press the left soft key, and you can carry out such operations as View video directory, and Settings. If you press settings you get the following options:

- — Banding: You can set as 50Hz or 60Hz.
- — Audio: You can set as on or off.
- — Video format: You can set as AVI or 3gp.
- — Storage: You can save it to the memory card.

4.8. Uzone

It provides all kinds of entertainment services including player, camera, FM radio and other functions.

4.9. Profiles

User profiles define how your phone reacts when you receive a call or a message, how your keypad sounds when you press the keypad, and more. Each of the available profiles can be left at their default setting or customized to suit your needs. Select and customize the most suitable profiles for your situation. The available modes are Normal, Silent, Meeting, Indoor and Outdoor.

4.10. Calendar

You can use this feature to view the year and date easily. Use

up/down/left/right direction key to navigator other date.

4.11. Audio

This phone could play the MP3 stored in the phone memory and support the background play.

Press up key and down key to adjust volume.

Under the MP3 list interface, press left soft key, then you can do operations as follows:

--Music list: Display all the MP3 or the play list you've saved.

--Add: Add the selected MP3 to the list.

--Set as ringtone: Set the selected MP3 as the call ring or alarm ring of the incoming call.

--Shuffle: Activated/off.

--Repeat: off/all/one.

--Settings: Set the music setting display, Equalizer, BT stereo output, BT stereo headset.

--Open review: You can choose to open or close A-B answer read function

--Exit: Return to previous menu.

4.12. Video

Use this function to play video files. By pressing the direction key can you control the playing process of video player: play/pause (OK key) ,switch to last video/next video (press left or right direction key) In video player interface, you can press the Up/Down key to tune volume.

4.13. Ebook

You can read the e-book stored in the phone or memory card, clean up book shelf and changes the Global settings.

4.14. My Files

You can check the specific content and service condition of the phone memory via this function. Meanwhile, you can format memory, too.

4.15. Bluetooth

- Activated/Close Bluetooth
- Bluetooth visibility

You can choose “Activated” or “close” Bluetooth visibility. If the Bluetooth visibility is close, others cannot search your

phone.

- Paired device

You can search different Bluetooth equipments and find compatible ones (as long as the PIN codes of two Bluetooth equipments are identical with each other, the match will be successful. The PIN code of Bluetooth earphone is different due to different type, and you can find the code in operating manual of the Bluetooth earphone.).

- My Bluetooth name

You can change the name of the phone.

- Bluetooth file storage

- Help

You can view the operating instruction of Bluetooth.

4.16. WIAN

WIFI can connect the mobile phone's terminal to the wireless network.

Start WLAN

1. Enter into the function menu, and select WLAN.
2. Click switch button to start WLAN. PIN code may be not necessary, depending on the devices. The WLAN on the

background will consume the battery quantity. Start WLAN as needed if the users want to save the electric quantity.

4.17. Image

Enter the images list interface, press left soft key, you could go on the following operations.

- Set as wallpaper: set this image as wallpaper
- Delete: delete this image.
- Share: send this file to Bluetooth or MMS.
- Mark: choose the image or all of the images.
- Rename: rename the file
- Slide play: view this file as full screen.
- Details: to show the images details.

4.18. FM Radio

You can listen to Fm radio freely. Enter the radio interface, adjust volume by pressing the up and down direction keys, and change previous or next channel by pressing the left and right direction keys.

On the interface of the Radio playing, press left soft key you could enter the options menu and do operations as follows:

- Auto search and save: Search frequency available

automatically and save it to broadcasting station list.

-- Channel list: You can view all the broadcasting stations you saved.

--Save: Save the frequency you searched to the list.

--Manual search: Search the broadcasting station by input frequency manually.

--Open/Close speaker: You can start up loudspeaker to make the sound louder.

--Background play: When the function is on, you can do other operations while listening to the radio.

--Record: You can record your favorite music or program. To record, make sure that the radio is powered ON.

-- Record File list: Select File list to check your previously stored files.

--Help

4.19. Calculator

The function will make your device a calculator with which you can carry out simple math calculation.

4.20. Recorder

You can record or listen to your own record. The phone

support AMR\WAV. The recording file you stopped would be stored in file list automatically.

4.21. Analog TV

You can watch TV freely. Enter the TV interface first time, search the channel automatically, and change previous or next channel by pressing the left and right direction keys

On the interface of the TV playing, press left soft key you could enter the options menu and do operations.

4.22. Games

You can enjoy the in-built game Sokoban.

4.23. Clock

You can edit alarm, time, ring and repeated ring mode.

4.24. STK

You can use the additional services that the network service operator provided.

5. Care and Maintenance

Maintenance of battery

- Your device is powered by a rechargeable battery. It is necessary to have the battery charged when it is going to wear out. The full performance of a new battery is achieved only when it is fully wore out.
- Unplug the charger from the electrical plug and the device when not in use. Do not leave fully a charged battery connected to a charger over a week, since overcharging may shorten its lifetime.
- Temperature tends to affect the limit of battery to be charged. Therefore, it is necessary for the battery to be cooled or warmed before it is charged. If the temperature of batter exceeds 40°C ,the battery cannot be charged.
- Use the battery only for its intended purpose and avoid short-circuiting. Accidental short-circuiting can occur when a metallic object causes direct connection of the positive (+) and negative (-) terminals of the battery.
- Do not use damaged battery.
- Leave the battery in hot or cold places will reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily, even when the battery is fully charged.

·Do not dispose of batteries in a fire as they may explode. Dispose of batteries according to local regulations.

Care of maintenance of your device

The suggestions below will help you protect your warranty coverage.

- Keep the device and accessories out of the reach of small children.
- Keep the device dry. All types of liquids or moisture will corrode electronic circuits.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Do not attempt to open the device other than as instructed in this guide. Non-professional handling may damage the device.
- Do not use harsh chemicals or strong detergents to clean the device.
- Use only the supplied or an approved replacement attachments, for the unauthorized ones could invalidate the warranty of maintenance.

FCC Warning Caution:

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.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone 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 phone while operating can be well below the maximum value, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone 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 phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this model phone 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 and that positions the handset a minimum of 1.5 cm from the body.

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