

EA520

Operating Instruction

Safety information

Safety specifications and usage instructions of mobile phone battery

Recommended usage items

- Before you use the battery, please read the instruction manual and the surface label of the battery carefully.
- Please use the battery in places away from the heat source and high voltage and do not allow children to play with the battery. Do not beat the battery. Please remember that this battery can only be charged with the original charger.
- Do not allow short circuit of the positive and negative poles of the battery and do not install or disassemble the battery by yourself; do not let the battery get wet so as to avoid danger.
- If this battery is not used for a long time, please store it well and ensure that the battery is at half charge, neither full nor running out.

Warning against danger

- Do not disassemble or install the battery
The protection mechanism and protection circuit inside the battery can help avoid danger. If it is not well disassembled or installed, the production functions will be damaged, which may lead to the heating, smoking, deformation or burning of the battery.
- Do not short-circuit the battery
Do not connect the positive and negative poles of the battery with metal and do not store or move the battery together with metal. If the battery is short-circuited, a large current will flow through the battery, which will damage the battery and lead to heating, smoking, deformation or burning of the battery.
- Avoid using the battery near power sources
Do not use the battery near fire or ovens as overheating will cause short circuit inside the battery and lead to heating, smoking, deformation or burning of the battery.
- Use a special charger to charge the battery correctly
If you charge the battery with a non-dedicated charger, the battery may be dangerous. Charging under abnormal conditions may result in loss of internal protection circuit functions of the battery and abnormal chemical reactions, because of which, the battery may have the problems of heating, smoking, deformation or burning.
- Do not destroy battery
Do not use metal to damage the battery by chiseling into it, beating or throwing it or by any other means because they may lead to heating, smoking, deformation or burning of the battery and cause danger.
- Do not use the battery in other devices
Improper operating conditions may reduce the battery performance and its service life and may even lead to heating, smoking, deformation or burning of the battery

Warning

- Do not put the battery on the charger for long periods

Please stop charging the battery if the charger is still charging the battery after the normal charging time as abnormal charging may lead to the heating, smoking, deformation or burning of the battery.

·Do not place the battery in microwave oven or other pressure vessels.

Transient heating or structural damage can lead to the heating, smoking, deformation or burning of the battery.

·Battery with liquid leakage should not be placed near the fire

If the battery leaks (or smells), please keep it away from the fire source, otherwise, the leaking electrolyte may catch fire or even cause other hazards.

·The headset should not give out too loud sounds

Please use the headset with caution because excessive sound may lead to hearing loss.

Matters needing attention

·When you use the battery in strong sunlight

Please do not use the battery in strong sunlight so as to avoid heating, smoking, deformation or burning, which may lead to the degradation of battery performance and the reduction of its lifetime.

·Anti-static

The protective circuit inside the battery can help prevent all kinds of accidents. Please do not use the battery in high-voltage electrostatic field because static electricity may damage the protection panel, which may lead to the heating, smoking, deformation or burning of the battery.

·Instruction manual

Before you use the battery, please read the manual carefully and read it when necessary.

·Charging mode

Please use the recommended charging method to charge the battery in recommended ambient conditions with a special charger.

·Working temperature of the equipment

-10 °C to 55 °C.

Use and maintenance of the mobile phone

Please use the mobile phone designed by excellent technology, with care. Please take the following suggestions so that you can better use and maintain the mobile phone.

·Keep the mobile phone and all its parts out of reach of children.

·Do not place the mobile phone in a place with high temperature because high temperatures can shorten the life of electronics, damage batteries, and even distort or melt some plastic parts.

·When the phone is moved from a place with low temperature to a place with normal temperature, please do not put the phone in a low temperature place as moisture may occur inside which may damage the circuit board.

·Do not dismantle the mobile phone as improper handling by non-professionals may damage the device.

·Do not use irritant chemicals, cleaning solvents or corrosive cleaners to clean the phone. When you need to clean your mobile phone, please gently wipe it with a cloth dampened with mild soapy water.

·Please use the accessories recommended by the manufacturer. Unauthorized accessories may damage the mobile phone.

·If you carelessly make the mobile phone wet, please ensure that the mobile phone has dry before you use it again.

·Do not contact metal parts (except for specially configured charger port and data cable port) with the charger port of the mobile phone so as to avoid short circuit.

Important Tips

Please observe the following precautions when using your mobile phone so as to avoid possible disasters or

legal penalties.**Pay attention to aviation safety**

Do not use your mobile phone on the plane. As the navigation system on the plane may be interfered with by mobile phones, many countries ban mobile phones from being used on planes.

Pay attention to the safety of the surrounding environments

Do not use mobile phones at gas stations and do not use them near oil storage plants, chemical plants and places near flammable or explosive objects.

Pay attention to traffic safety

Please be careful enough when you drive cars and do not drive your car while making phones.

Be aware of radiation interference

When you use the mobile phone, please keep away from objects or devices which are easily disturbed. You are recommended to keep the antenna at least 2.5cm away from your body when using your mobile phone.

Be aware of the interference to medical facilities

The usage of a mobile phone may cause interference to some medical devices. Most hospitals will prohibit you from using your mobile phone.

Pay attention to the storage environment

Please keep the mobile phone away from magnetic devices, such as magnetic cards and floppy disks. Radiation from the mobile phone will erase the information stored on the magnetic devices.

Warning

There is no self-repair content in the mobile phone. If the mobile phone is suspected to be damaged, please send it to the designated service and maintenance center as soon as possible so that qualified technicians can repair them. Do not disassemble the mobile phone by yourself; otherwise, it may suffer electric shock or other injuries.

Do not let young children access the mobile phone or its accessories. Improper operations of children may damage the mobile phone or its accessories and may hurt the children or others. Meanwhile, detachable parts of mobile phones, such as SIM cards and memory cards, may be swallowed by children, which is dangerous for children.

When you use a mobile phone, please keep it away from high temperature and exposure of the sun. Keep it in a dry and cool place.

Waterproofing precautions:

1. Before you do the waterproof test, all notches of the battery cover should be closed tightly, otherwise, it will not be waterproof.
2. USB socket, headphone socket and charger seat of this machine are waterproof devices themselves. After the waterproof test, the machine should be dried and placed for a period of time until the water in the headphone socket, USB socket and charger seat dries up.

1.Introduction to the Mobile Phone**1.1 Insert and remove the SIM card**

Close the mobile phone and uncover the upper right side cover of the mobile phone; insert the thimble into the round hole inside the card slot and then take out the card holder. Place the SIM card flat on the groove of the holder according to the shape of the holder and ensure that the flat area of the metal faces downward and that the

corner positions are the same with those of the card slot. Then, insert the card holder into the card slot. If you need to take out SIM card, please close the machine first and then remove other external powers. Insert the thimble into the round hole in the card slot and take out the card holder to remove the SIM card.

Tip: If mobile phone SIM does not support hot swap, you should not take out the SIM when the phone is on standby state, otherwise, SIM card may be damaged.

1.2 Insert and take out the memory card

Close the mobile phone and uncover the upper right cover of the mobile phone. Insert the thimble into the round hole inside the card slot and take out the card holder. Place the memory card flat on the card holder and ensure that the flat area of the metal faces downward and that the corner positions are the same with those of the card slot. Then, insert the card slot into the mobile phone.

Please close the phone before you take out the memory card and then take out the card holder according to the above steps.

1.3 Remove and install the battery

The phone has a built-in battery.

Tip: The phone does not support manual disassembly of the battery.

1.3.1 Charge the battery

If the new battery is not fully charged, you need to install the battery and use up the electric quantity of the battery before you use the mobile phone. Then, charge the battery according to the following method.

1. Insert the charger connector into the charger jack of the mobile phone.
2. Connect the charger with the power supply and the battery symbol will display dynamically, indicating that the battery is being charged.

When the charging is completed, the symbol of full battery will be displayed, indicating the completion of charging.

After the battery is fully charged, please remove the charger from the power supply and then pull the charging head out of the mobile phone.

Tip: You can connect the USB data connection line with the computer to charge your mobile phone, copy data and do other operations. USB version 2.0 is used. If the battery of your mobile phone has used up, you may not be able to charge your mobile phone through a USB line. At that time, you need to charge your mobile phone with a charger.

2. Basic Operations

2.1 Turn on/off mobile phone

Please long press the power button to turn on or off the mobile phone.

Tip: It takes the mobile phone some time to initialize the mobile phone, so please wait patiently.

If the mobile phone is started first, but the SIM card is not inserted, some functions of the mobile phone will not be used normally. After the SIM card is inserted, the mobile phone will automatically check whether the SIM card can be used.

2.2 Lock and unlock the screen

After the mobile phone is not used for a long time, its screen will go black and enter the locking state so as to save some battery power.

Lock the screen/mobile phone: press the power button

Unlock the screen/mobile phone: press the power button to light the screen which shows the screen locking state.

Click Unlock and slide up to unlock the screen.

If you have set the locking pattern or the password, the screen will give you a hint to ask you draw the picture or input the password.

Main menu→Setting→Security→Screen locking mode

Screen locking mode →Pattern locking

1. Screen locking→Pattern
2. Pay attention to the screen prompt and pattern examples and select next step twice.
3. Connect at least 4 points manually.
4. Select “Continue”
5. Draw the pattern and confirm it.
6. Select “Confirm”

After setting the unlocking pattern, the mobile phone will ask you to swipe upward to unlock the screen each time you turn on the phone. Then, you should enter the unlocking pattern. If you want to set the mobile phone to make it no longer require an unlocking pattern, please enter Settings → Security to change the screen locking mode. After entering the unlocking pattern, please click “No”.

Set screen locking mode→password

1. Set screen locking mode→password
2. Input at least four character password
3. Select “Continue”
4. Input character password again and confirm it.
5. Select “Confirm”

After setting the password, the mobile phone will ask you to swipe upward to unlock the screen each time you turn on the phone. Then, you should enter the password as required. If you want to set the mobile phone to make it on longer require an unlocking password, please enter Settings → Security to change the screen locking mode. After entering the password, please click “No”.

Tip: Please use the above steps to set the screen locking mode as PIN code.

Set screen unlocking mode→fingerprint

1. Set screen unlocking mode→fingerprint
2. Type in fingerprint and input at least 4-character password before you enter the fingerprint
3. Input fingerprint and finish the operation

After you set your fingerprint, you can unlock the screen using your fingerprint. You can also unlock the screen by entering the password or pattern. If you want to delete the fingerprint, please go to Settings → Security to delete the fingerprint locking setting.

2.3 Touch methods

You can use the following methods to operate your mobile phone accordingly. (Please click the corresponding function key with your finger pulps.)

2.3.1 Click:

You can select an icon or option in the display screen by using the click function. For example, in the main menu, you can click the information to enter and browse all SMS/MMS information.

2.3.2 Point:

You can check more menu options by holding on an item for several seconds. For example, when you click and hold on a number in the contact details interface for several seconds, a pop-up menu will open, and you can

perform certain options on the menu.

2.3.3 Scroll:

Click in the scrollbar and drag up and down. For example, when browsing the contact list, a scrollbar will pop up on the right side. You can drag the scrollbar to make it easier to find contacts.

2.3.4 Drag:

Click in a project with your finger and move it by dragging your finger.

2.3.5 Double click:

When scrolling through photos or webpages, you can quickly click twice with your finger to zoom in or out.

2.3.6 Fast swipe

Use the scrollbar to select contacts in the list, you can quickly swipe the touch screen.

When quickly swiping a long list of contacts, you can click screen to stop the swipe.

Friendly tips: In order to avoid scratching the touch screen, please do not use a sharp tool.

Do not access to other electronic equipment with the touch screen. Electrostatic discharge can cause the touch screen failure.

In order to make better use of the touch screen, please remove the touch screen protective film before using your mobile phone.

2.4 Check IMEI

1. Main menu→ Settings→ About mobile phone→ Status information

You can check your IMEI in the status information.

2. Enter “*#06#” on the dial pad to check the IMEI.

2.5 Main buttons



Button	Function
Home key	Return to the standby screen.
Task manager key	Enter the task manage.
Back key	Return to the previous screen.
Power on/off	Switch power on or off; Sleep/Wake; Long press for 10 seconds to restart.
Volume keys	Adjust the phone volume and press the volume key on the camera interface to take picture (No wake-up function).

2.6 Sleep and wake up the screen

1. You can put the screen to sleep to save battery, prevent accidental operation of mobile phone and clean the screen by pressing the power button. And then pressing it again to wake up the screen.
2. If you need to adjust the time of mobile phone to automatically enter sleep state, please select Settings→ Display→ Sleep/Wake.

2.7 Home screen

You can add shortcuts, widgets and other applications to customize the home screen according to your requirements.

2.7.1 Add items to the home screen

You can customize the home screen by adding applications, widgets, folders and applications, and shortcut keys for projects.

2.7.2 Move items on the home screen

1. Click the item you want to move.
2. Drag the item to the desired position after being selected.

2.7.3 Remove items from the home screen

1. Click the item you want to remove.
The item is selected and a delete icon appears in the upper area of the screen.
2. Drag the item to the delete.

2.8 WLAN

Main menu→ Settings→ WLAN

·**WLAN:** Turn on or off WLAN.

·**Network notification:** Set the mobile phone to notify the user when an open network is available nearby.

·**WLAN networks:** Find wireless networks around you:

1. Select Settings→ WLAN
2. Select WLAN and turn it on. The mobile phone will scan for available WLAN networks, and then list the network names found in the WLAN network list.
3. Click a network to connect.
4. If it is a protected network, the system will prompt you to enter your password. For specific details, please consult the service provider or administrator of the network.

2.8.1 Delete WLAN networks

You can make the mobile phone not save the memorized WLAN network details.

1. Turn on the WLAN.
2. Click and hold the connected network name on the WLAN Settings screen.
3. In the opened WLAN dialog, click cancel the save.

2.9 Operating status of mobile phone

	The network signal strength is 4G.		Download
	The network signal strength is 3G.		The USB is connected.
	GSM network is in use.		The battery is full.
	The battery is being charged.		Silent mode
	The signal strength of WLAN		Turn on portable WLAN hotspots.
	The headset is plugged in.		Airplane mode
	New messages		Alarm is set.

	On the line		Missed calls
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2.10 Notifications

There will be icons in the banners at the top of the home screen to notify new messages or E-mails, calendar events, alarms, and ongoing events (such as current call status).

3. Dial

3.1 Dial pad:

Main menu→ Dial or Click dial button

3.1.1 Click the button to enter the phone number on the dial pad.

If you enter wrong number, click  and you can delete numbers one by one. You can delete all number, please long press .

If you make an international long-distance call, press and hold the 0 key and enter the international connection code “+”.

3.1.2 Click the dial button below the dial pad, you can dial the number you enter.

3.2 End the call

Click  or click end call button.

3.3 Answer the call and refuse the call

When you have an incoming call, the relevant information of the call will be displayed on the screen. If you have missed calls, you will receive a notification.

In the incoming call interface, drag  icon to the right  icon, you can answer the call. (When the screen is locked, drag the lock screen control to the right to answer).

Notice: You can press the headset button to answer the call after you plug the headphones into your phone.

In the incoming call interface, drag  to the left , you can reject a call.

3.4 Refuse the call with messages

In the incoming call interface, drag  and slide up to , you can reject the call and send a message to inform the reason for rejection.

3.5 Hold the call

In the process of the call, click the waiting icon .

3.6 Silence the call

In the process of the call, click the silent icon .

3.7 Switch between current calls

After connecting two calls, you can click the call interface to switch.

3.8 Call options

You can perform the following operations during a call:

1. Click HFP (Hands-free profile) and you can use mobile phone loudspeaker.
2. Click Bluetooth and you can use Bluetooth device.

Notice: Please make sure that your phone has been bound and established a connection with the Bluetooth audio device before using this function.

3. Click dial pad and enter phone numbers.
4. Click the call adding and you can add a new call.
5. Click the call recording and you can record the call.

3.9 Call history

The call history contains all your outgoing calls, received calls or missed calls, etc.

Main menu→ Dial → Call history

1. Click the item you want and click “Call back” below to make a call.
2. Click the item you want and click “Details” below to view the detailed history about this number and perform more operations.
3. Click the item you want and click “IP dial” to manually enter the number prefix and select any number to directly dial by IP.
4. Click menu→ Clear call history and you can clear the list of call history.

3.10 Emergency call

Notice: Your network service provider has set up one or more emergency numbers. Different countries have different emergency call numbers, so the emergency call number of your mobile phone will not be valid in all regions. Sometimes due to the influence of the network, environment or interference events, emergency calls may not be able to be dialed.

Main menu→ Dial (If your mobile phone is locked, you can click emergency call.)

1. Enter emergency call numbers.
2. Click the icon of dial and make an emergency call.

4. Address book

Create and manage a list of personal or company contacts stored in the mobile phone or on the SIM card. You can perform some operations such as creating, deleting contacts and so on.

4.1 Create New Contacts

Main menu→ Address book. Click the icon in the lower right corner to create a new contact, and the new contact pop box will pop up. You can select a phone or SIM card to create a contact.

After entering the names of contacts and editing the related information, please click finish.

4.2 Backup contacts

Main menu→ Address book→ Press the option menu in the upper right corner→ Import and Export→ Pop up the import/export contact box, and you can select to export to storage device/SIM card and click export.

Notice: Backup contacts needs to install an expansion memory card in your mobile phone.

4.3 Edit and delete contacts

Main menu→ Address book

Click and enter the contact you want and press edit button to modify, please click the ok symbol in the upper left corner after editing.

Press the option menu in the upper right corner→ Delete. Select the contact you want to delete and click ok symbol to delete this person.

4.4 Add contacts to favorites

You can add the most frequently contacted contacts to your favorites.

1. Open your address book.
2. Click and enter the contact details interface.
3. Click the five-pointed star icon to add to favorites.

4.5 Delete favorite contacts

Main menu→ Address book→ Favorites

After opening the favorites, you can enter the contact details interface, then click the five-pointed star icon to delete the contact in the favorites.

4.6 Use contacts groups

Contacts groups involve the groups you create and you can add members to these groups.

4.6.1 View groups

1. In the main menu interface, click address book to enter the list of contacts.
2. You can click the option menu in the upper right of the screen, select a group, and enter the contact group interface to view or manage your group.

4.6.2 Create groups

1. Open the contacts group interface.
2. Click the group icon in the upper right corner to create groups.
3. Enter the name of group and click OK.

4.6.3 Add members to the group

1. Open the contacts group interface.
2. Click the upper right icon and select modify, add members and enter directly or enter address book to choose to add contacts.
3. Select the contact you want to add from the list and click ok symbol.

4.6.4 Delete groups

1. Open the contacts group interface.
2. Click the name of a group to enter, click the icon in the upper right corner, and select delete (this menu only appears after the user customizes the group).

4.6.5 Edit groups

1. Open the contacts group interface.
2. In the group details interface, click menu→ Modify. You can modify and edit the name of the group.
3. Re-enter the group name and click ok symbol.

4.6.6 Search for contacts

1. Open the contacts list.
2. Click the icon of search and select to search.
3. Enter the name of the contact you want to search for.
4. Click the matched contacts in the list to view their details.

5. Message

You can send and receive SMS (Short Messaging Service) or MMS (Multimedia Messaging Service)

containing multimedia files.

5.1 SMS

Main menu→ SMS

5.1.1 Send SMS

1. Open the message function and view the conversation list.
2. Click the icon of the new message in the upper right corner of the screen to edit new messages.
3. Enter the recipient's number in the recipient field. You can also click the icon on the right to select recipients from contacts.
4. Click the send message and enter text message.
5. Click the send icon to send message.

5.2 MMS

5.2.1 Create and send MMS

1. Open the message function and view the conversation list.
2. Click the icon of the new message in the upper right corner of the screen to edit new messages.
3. Enter the recipient's e-mail address in the recipient field. You can also click the icon on the right to select recipients from contacts.
4. Enter the recipient's number in the recipient field. You can also click the icon on the right to select recipients from contacts.
5. Click menu→ Add subject, and you can add the subject of message.

Notice:

SMS will be automatically converted into MMS after topics and attachments are added. Similarly, MMS will be automatically converted into SMS after subjects, attachments and other contents are deleted.

6. Press  icon and select the attachment you need.
7. After editing, please click send.

5.2.2 Read and reply messages

1. Click a message and you can open and view the conversation.
2. If you need to reply to a message, just open the message and enter the reply content in the text box below.

5.3 View message details

1. Open the message function and view the conversation list.
2. Click the message to be viewed and open the conversation directly.
3. Long press the message that you want to check the details.
4. Click menu in the pop-up message option bar→ Message details

5.4 Forward message

1. Open the message function and view the conversation list.
2. Click message to be forwarded and open the conversation directly.
3. Long press the message to be forwarded and click menu in the pop-up message option bar→ Message details

5.5 Delete message

5.5.1 Delete the entire conversation with a contact

1. Open the message function and view the conversation list.
2. Long press this conversation.
3. Click the delete button.

Tip: There is another way:

Open the conversation list, click the option icon in the upper right corner and select “Delete all conversations”.

5.5.2 Delete a message

1. Open the message function and view the conversation list.
2. Click the message to be deleted and open the conversation directly.
3. Long press message to be deleted.
4. Select “Delete” in the pop-up message option bar.
5. Click “OK” in the pop-up dialog box.

5.5.3 Change message settings

1. Open the message function and view the conversation list.
2. Click the icon in the upper right corner → Settings, and you can make various settings to the messages.

6. E-mail

You can easily read and send E-mails via mobile phone. “E-mail” carries a conduct that allows you to easily configure the e-mail service.

6.1 Set up an E-mail account

When you first use the E-mail function, you need to set up an E-mail account.

- 6.1.2 In the main menu interface, click E-mail and open the E-mail function to set up your account.
- 6.1.3 Enter the E-mail address and password, and click next step. The system will automatically connect to the server and check the server settings, or you can click manual settings.
- 6.1.4 Set the E-mail check frequency, default account, E-mail reminder and other information, and click next step.
- 6.1.5 Create a name for your mail account and set the name to be displayed when you send out E-mails and click next step.
- 6.1.6 The system will synchronize with the mail server you set up. And then, your E-mail will be displayed on your mobile phone.

6.2 Read E-mails

- 6.2.1 Please click E-mail to enter inbox after setting up your E-mail account.
- 6.2.2 Click the E-mail you want to read and the screen will display the corresponding E-mail, including the sender, subject and related information, followed by contents of E-mail.

Notice: When receiving new E-mails, you will get a corresponding notification in the status bar. You can open the notification panel and click new E-mails to read.

6.3 Write and send E-mails

- 6.3.1 From the main menu, you can enter the inbox by clicking E-mail.
- 6.3.2 Click the writing icon in the lower right corner.
- 6.3.3 Enter the recipient, and you can also click the collapse symbol on the rightmost of the recipient column to add the E-mail addresses of the CC and BCC recipients.
- 6.3.4 Click subject and enter the subject of the E-mail.
- 6.3.5 Click the E-mail content and enter your content.
- 6.3.6 Click the attachment icon in the menu → Add attachments, including stored photos, videos, audios and other files.
- 6.3.7 Click the send icon in the upper right corner of the screen.

6.4 Add a signature to the E-mail

- 6.4.1 From the main menu, you can enter the inbox by clicking E-mail.

6.4.2 Click the icon in the upper left corner→ Settings

6.4.3 Click the account you have set up.

6.4.4 Click the signature.

6.4.5 Enter the signature you want and click ok.

6.5 Add an E-mail account

6.5.1 From the main menu, you can enter the inbox by clicking E-mail.

6.5.2 Click the icon in the upper left corner→ Settings→ Add account

6.5.3 You can add new accounts and please view setting up an E-mail account for details.

6.6 Edit the E-mail account

6.6.1 From the main menu, you can enter the inbox by clicking E-mail.

6.6.2 Click the icon in the upper left corner→ Settings

6.6.3 Click the account you have set up to edit and edit it for general settings, notification settings and server settings.

7. Chrome Browser

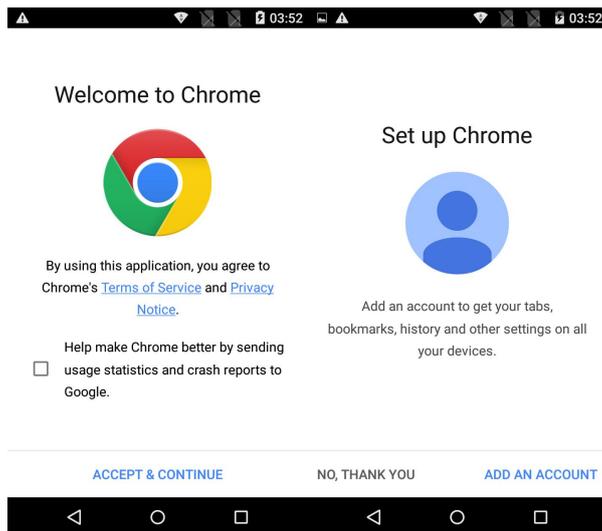
You can use the browser function to view webpages or search for information on the Internet.

Notice:

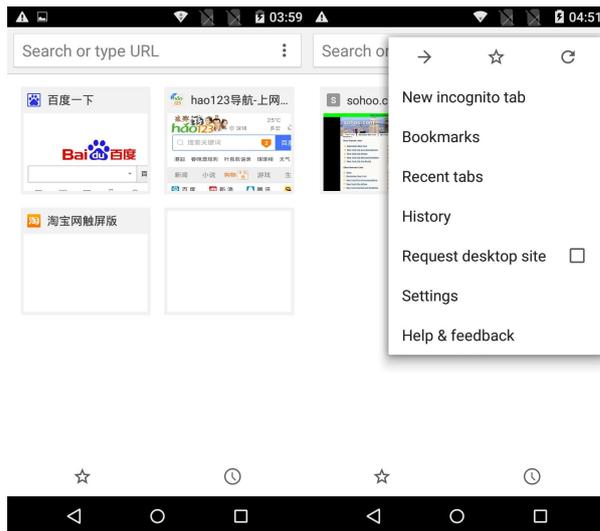
1. Use the browser to enable your mobile phone to access the web and web-based applications. If it necessary, please consult your network service provider how to connect.
2. It may cost you related data traffic charges by using this function. For specific tariff details, please contact your network service provider.

Main menu→ Chrome browser

1. When you first enter the Chrome browser, it will present an interface to welcome to Chrome. Using this application means that you agree to Chrome's terms of service and privacy notice. You can view the service and privacy notice, check the option that help make Chrome better by sending usage statistics and crash reports to Google and select "Accept & Continue" to enter and continue using.



2. Enter "settings of Chrome" to add your account in order to get the recent tabs, saved bookmarks, history and other settings in your device. If you have not applied for a Google account, you can also directly click 'No, thanks'.



3. If you want to display your favorite bookmarks on the main pages, please click  to view saved bookmarks and mobile bookmarks. You can also click  to view the recent tabs, history and information of other devices. Please notice that other devices need logging in Chrome.

4. Click  in the right of the search bar and open the option bar, you will see three icons at the top of option bar   , they are respectively open the webpage you just closed and exited, add new bookmarks and refresh the current page. There are many operations in the list of the option bar, including open new tabs, open new incognito tabs, saved bookmarks, recent tabs, history, share, print, find on page, add to home screen, request desktop site, settings, help and feedback, etc.

8. Music

Enjoy music stored in your mobile phone or SD card through the Music Player.

8.1 Copy audio files to your mobile phone

1. Connect your mobile phone to your computer via a USB cable
2. The USB setting interface pops up on the mobile phone. Then select to mount the SD card
3. Copy audio files to SD card through your computer.

8.2 Open the music library

8.2.1 Open music and view the music library

Click music in the Main Menu and the system will automatically scan the audio files on your mobile phone. The scanned audio files will be displayed in the list. When the music application opens, you will see four tabs: Music singer, albums, songs, and playlist.

Click any viewing mode in the music interface, and you can open the music list in different modes.

8.2.2 Delete tracks from SD card

1. Open the music application and view the list of audio files.

2. Press a certain track for a long time
3. Select Delete from the pop-up window
4. Click OK in the dialog box that opens

8.3 Open music file

8.3.1 Play music

1. Open the music application and view the list of audio files
2. Click the Music singer/Albums/Songs/Playlist tab to find the music file you want.
3. Click the music file to start playing

8.3.2 Set the track to a ringtone

Long press a track in the music library list. Click “as the mobile phone ringtone” in the Menu that opens. (only for songs in a playlist) or Click Menu-> use it as a mobile phone ringtone when a song is playing.

8.4 Usage of playlist

You can create a playlist and organize music files into tracks so that you can play tracks in your order or a random order

8.4.1 Create a playlist

1. Open the music application and view the list of audio files
2. Select the music file to add to the playlist and press long until the shortcut Menu pops up
3. Click and add it to playlist
4. Click to create a new playlist
5. Enter the name of the new playlist
6. Click to save, at which time the playlist has been created successfully and the music file you selected has been added to the playlist

8.4.2 Add tracks to playlist

1. Open music and select the song tab.
2. Select the music file to add to the playlist and press long until the shortcut Menu pops up
3. Click and add to it playlist
4. Select the playlist to add

8.4.3 Remove tracks from a playlist

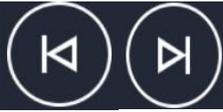
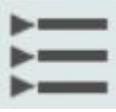
1. Open music and select the playlist tab
2. Click a playlist to view the tracks in it
3. Long press the track you want to remove from the playlist until the shortcut Menu pops up
4. Click to delete it from the playlist

8.5 Play music

Open the music library and select the music you want. Press Menu → play all while viewing the tracklist.

8.6 Music player control buttons

Function	Description
Play/pause	 Click
The previous/next song	 Click

Fast forward/backward	 Long press and hold
View playlist	 Click
Random play	 Click
Repeated playback	 Click
Sound effect	 Click
Volume	Press the side volume key up or down

8.7 Hide, activate, and turn off the music player

Press the home key to hide the music player. And your music will be continued while other applications operate.  displayed in the status bar indicates that a song is playing. Swipe down the status bar to see details, and click the song name to return to the Music player interface. Press  to pause music and press the home key to return to the Home Screen.

9.Video

When video files exist on your mobile phone, you can open them to enjoy

9.1 View video

Click Video to enter the video library from the Main Menu

Video displays the video from your SD card or mobile phone, including video you shot with your camera and video you downloaded from the network or other settings

9.2 Play video

Click Video to view the video list

Click a video to play it

9.3 Share video

Click Video to view the video list

Long-press a video file select Share the video in the pop-up dialog box

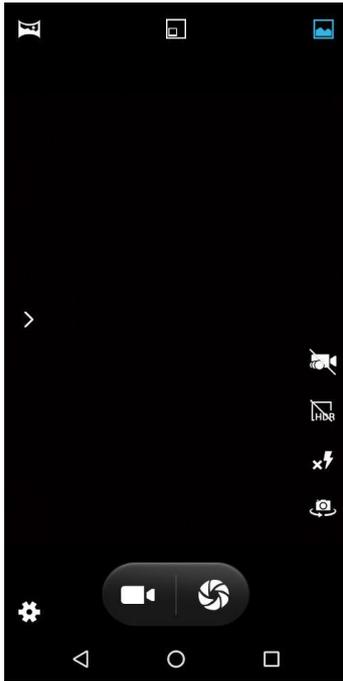
10. Camera

Your mobile phone camera comes with 8 megapixels to take photos. You can take your favorite photos with your camera and set them up as wallpaper or share them via messaging, Bluetooth, email, and other means. The mobile phone stores the photos taken in the mobile phone's external SD card and memory.

Tip: Please wipe the camera lens before taking pictures for the best shooting effect. Please respect the rights of others and abide by local laws, regulations, and customs when taking photos.

10.1 Take photos

1. Click  on the Home Screen to enter the app, then click  and click back button to enter the camera viewfinder interface: The top icon can be used to select various camera modes, and the lower right corner can be used to select the flash mode and switch between front and rear camera modes. Touch the preview area to adjust the focus. As shown in the figure:



2. Camera mode is set to camera mode by default. You can switch to camera mode from via



3. Aim the lens at the position/object.

4. Click  to take pictures.

The thumbnail of the photo you just took is displayed in the lower-left corner of the screen.

- Click thumbnails to view photos.
- Click Menu and then select Delete to delete the photo.
- Click Menu and then select Play Slide to slide the photo
- Click Menu, select Edit to edit photos
- Click Menu and select Rotate Left/Right to correct the photo by rotating it.
- Click Menu, select Cut, you can cut photos.
- Click Menu, select "Set As" for photos, which can be set as wallpaper and contact photos.
- Click Menu, select Details to view the details of the picture.
- Click Menu, select Print to save photos in PDF format

10.2 Record video

1. Switch the camera to the camera mode

2. Aim the lens at a position/object



Press  to start recording video, press  to stop, and save it automatically.



3. Press the home button to turn off the camera and return to the Home Screen.

The video thumbnail you just recorded is displayed on the left side of the screen. Click the thumbnail, and you can do the following:

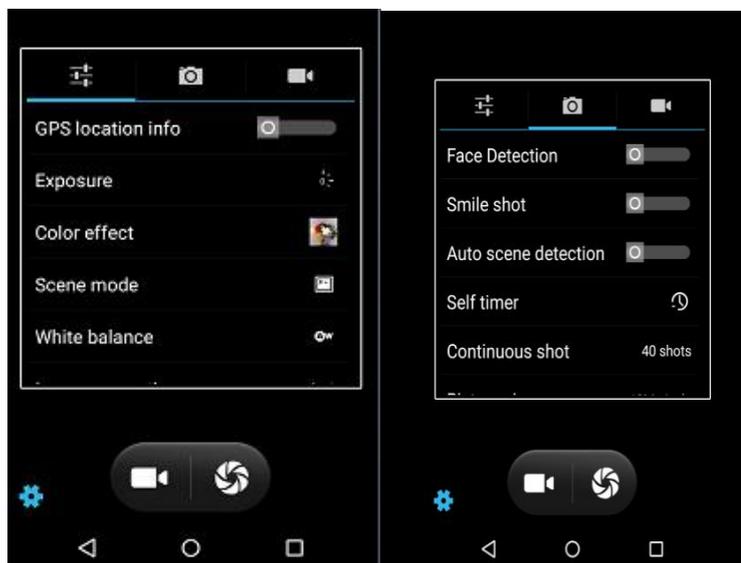
- Select **Share** to share videos via messaging, Bluetooth, e-mail, and so on.
- Click **Menu**, select **Delete** to delete the video.
- Click **Menu**, select **Cut** to cut the video.
- Click **Menu**, select **Silence**, the video will be saved to the camera and will play silently.
- Click **Menu**, select **Detail** to view video details.

10.3 Camera mode settings



Click  to enter the camera setting mode, and sets the camera as needed, such as exposure, effect, etc.

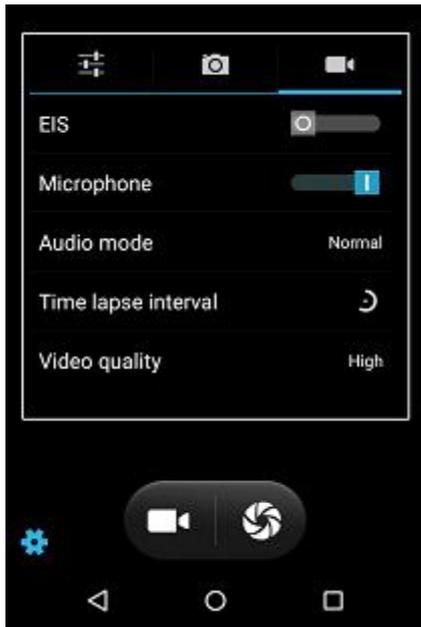
As shown in the figure:



10.4 Camera mode settings



Click  to enter the camera setting mode, and set the camera as needed as shown in the figure:



11. Gallery

You can open the Gallery to view the Photo Album

11.1 View albums

Click Gallery to open Gallery and view Photo Album from Main Menu

The Gallery displays images from your SD card or mobile phone, including images you took with your camera and downloaded from the network or other locations.

11.2 Processing pictures

11.2.1 View & browse pictures

1. Click the Gallery to open the Gallery and view the Photo Album
2. Click an album in the list and the pictures in the album are displayed as thumbnails
3. Click a thumbnail to browse a larger image

11.2.2 Delete picture

Click the Menu-> Delete to delete the picture

11.2.3 Slide show

1. Open a Photo Album, in which the pictures will be displayed as thumbnails
2. Click the Photo Album thumbnail icon to view the picture
3. Click Menu → Play slides to show all the pictures in the album as slides

11.2.4 Editing

Click Menu-> Edit to edit the picture

11.2.5 Rotate photos

Click Menu-> Rotate Left and the picture can be rotated to the left

Click Menu-> Rotate Right and the picture can be rotated to the right

11.2.6 Cut photos

Click Menu-> Cut to cut the picture

11.2.7 Set photos as wallpaper or contact photos

1. Click Menu-> Set photo as
2. Select wallpaper in the pop-up window to set the picture as standby wallpaper, and select contact icon to set the picture as contact photo.

11.2.8 Details

Click Menu-> Details, you can view the details of the photo, such as the file size, manufacturer, time

11.2.9 Printing

Click Menu-> Print to save photos in PDF format

11.3 Sharing pictures

1. Open the picture you want to share through the gallery
2. Click the Share icon in the upper right corner to share pictures with others through information, Bluetooth, email, and other third parties

12. Other Applications

12.1 Alarm clock

1. Enter the clock from the Main Menu interface, click the alarm clock icon, and enter the alarm clock setting interface
2. Select the existing alarm clock in the list to enter the editing interface or add Alarm Clock under Click screen to enter the editing interface
3. Set the corresponding parameters and slide to the right to open

12.2 Calendar

1. Enter the calendar from Main Menu
2. Click the Date View drop-down button in the upper left corner to view day view, week view, month view, schedule and year view, etc.
3. Click Menu for creation.
4. Click Menu, to search, refresh the displayed calendar, or for related settings.

12.3 Calculator

1. Enter the calculator from Main Menu
2. Enter numbers and select operators
3. Click equal sign
4. Slide the button to the right to enter the Advanced Panel for more calculation operations

12.4 Document management

1. View and manage files stored locally on your mobile phone or SD card. Copy, paste, rename, delete, share and do other operations on its files.

2. Long press a file or click Menu to select one or more files or folders for sharing, copying, deleting, cutting, renaming, and doing other operations. Folders can also be reordered by name, size, or date.

12.5 Stopwatch

1. Click the clock and select the stopwatch in the standby interface
2. Click Start for Timing
3. Click Stop end Timing
4. Click counting can time multiple times
5. Click reset to reset the timer

12.6 Recorder

1. Enter the tape recorder from the Main Menu interface
2. Put the microphone of your mobile phone close to your mouth, Click  to start recording
3. Click  to stop recording
4. Click  to playback a recording file
5. Click  to select to save the recording or not, select DISCARD to delete the recording, and select SAVE to save the recording
6. Click Menu to view the recording list

12.7 Flashlights

1. Enter the flashlight from Main Menu
2. Click the power button to turn on the flashlight

12.8 Radio

Enter the radio from the Main Menu (headphones must be plugged in as an antenna to operate the radio).

1. Click  to turn off or turn on the radio;
2. Click  to turn on or off the speaker;
3. Click  to enter the radio list interface searched by the radio
4. Click  to search for stations in the frequency band before the current station frequency band
5. Click  to search for stations in the frequency band after the current station frequency band
6. Click  to add or cancel a collection
7. Click  to record the radio, and you can view the saved recording

12.9 Laser lamps

Enter the laser light from settings, advanced functions, and side key customization, to turn on or off.

12.10 NFC

You can transfer pictures and other files to each other, and read bus card information of supporting types.

13. Setting

Configure parameters of your mobile phone by the settings application

Click Set in Main Menu

13.1 Wireless and Network

1. WLAN

- A. Slide on/off WLAN after entrance by clicking WLAN
- B. View nearby WLAN hotspots after WLAN is opened, and connect it to the network through

WLAN after you log in.

- C. Click Menu: To add, save, refresh network, and do other operations.

2. Bluetooth

- A. Slide on or off Bluetooth after entrance by clicking the Bluetooth

Search for nearby Bluetooth hotspots after the Bluetooth is turned on, and transmit files and photos to each other after they are paired

- B. Click Menu: Refresh, rename this device and display the files received

3. SIM

A. Sim card switch: The SIM card operator can be displayed and the SIM card can be switched on and off after the SIM card is inserted.

Tips: Both cards cannot be disabled at the same time when they are inserted; And no one can be disabled when only one card is inserted

B. Preferred sim card: You can set up a card for mobile data network, call, and short message, respectively

4. Traffic usage

- A. Check the use of mobile data network traffic by each application module in Sim1 and Sim2

B. Click Menu: You can set background traffic restriction, WLAN traffic display, network restriction, and mobile network options

5. More

- A. Flight mode

Slide left and right to turn off and on the flight mode

- B. Default SMS application

The default SMS application is SMS

- C. Network Sharing and Portable Hotspots

Enter Network Sharing and Portable Hotspots, where your mobile phone can be used as a portable WLAN hotspot and share the data connection with multiple devices at the same time

You can connect your mobile phone to USB as a USB shared network, by which your PC can use the data of your mobile phone

Bluetooth sharing network, you can use a mobile phone as a Bluetooth sharing hotspot to share the data connection with one device at the same time

- D. VPN

Tips: You need to set the lock screen PIN code or password before using VPN

Click the + symbol in the upper right corner, add a new VPN, enter the name, server address, user name, and password.

You can log on to websites in other countries after a successful connection.

Tips: The VPN server address, username, and password need to be requested by the user

E. Mobile Network

You can turn on and off mobile traffic and data roaming after the entrance of the mobile network, set the access point name, select the network operator and the network type.

Access point name: View and add access points

Network Operator: Choose network operators and methods

Preferred network type: Set the network mode of the SIM card

13.2 Equipment

1. Display

Miravision: Visual display effect setting

Color temperature adjustment: Set screen display effect according to preference

Wallpaper: Desktop wallpaper can be set

Brightness: Adjust screen brightness

Automatic brightness adjustment: Slide on and off screen brightness, which can be optimized according to ambient light conditions after opening

Dormancy: Adjust the delay before the screen automatically locks

Interactive Screen Saver: Setting up Screen Saver

Font size: Set the font size

When the device rotates: Rotate the screen content direction, keeping the current direction

2. Tones & notifications

The sound condition of the device can be set up in this interface.

1. Storage

View and manage the capacity usage of mobile phone internal and external memory cards in this interface. You can view the following:

The total capacity of internal storage space

Free space for internal storage

Total SD card capacity: View the total capacity of the SD card

SD card free space: View the free space of the SD card

Formatting SD card: Clear all data from the SD card of the mobile phone, such as music and photos

Uninstall SD card: Do not display SD card contents

2. Battery

You can view the usage of battle in this interface

3. Application

This interface allows you to view and manage applications on your mobile phone

13.3 Individual

1. Location:

You can check "Open Location Access" here to find your location on the map

2. Safety

A. Screen Security Protection

Screen locking mode: Screen can be locked in form of None, Slide, Pattern, PIN, or password

Owner information: The owner information you set will be displayed on the lock screen interface after turned on

B. Encryption

Encrypt mobile phone: You can encrypt the mobile phone only when the battery is above 80%. Otherwise, you will be prompted on the interface to charge the battery and try again

C. SIM card locking mode

Set SIM card lock: Turn on or off the SIM card lock and change the SIM card PIN

D. Password

Display password: Choose whether to make the password visible

E. Fingerprint

Set fingerprint lock: Lock with fingerprints through fingerprint sensors

F. Equipment management

Settings Manager: Add or deactivate Device Manager

Unknown source: Allow the installation of applications not provided by the electronic market

G. Credential Storage

Storage type: Default hardware support

Trusted credentials: Display Trusted CA Certificates

Install from mobile phone store: Install encrypted certificates from a mobile phone store

Clear credentials: Clear the credential store of all contents and reset other passwords

H. Advanced

Trusted agents: View or deactivate trusted agents

Screen Fixed: The device can be set to display the current screen all the time

Apps with permission to view usage: Third-party applications that can view usage

3. **Accounts:**

You can add accounts

4. **Language & input method:**

You can choose the language and input method you want

5. **Backup & reset:**

Restore factory settings and clear all data on mobile phone

6. **Intelligent assistance**

A. Navigation bar

Selectable virtual key

B. Side key operation

Selectable side key function

C. Three-color lamp special effects

Various scenarios available

13.4 Systems

1. Date and time

The date and time can be set

- A. Automatically determine the date and time: Use the value by the network (network support) to support on/off
- B. Automatically determine the time zone: Use the time zone by the grid (network support) to support on/off
- C. Set Date: Turn off automatic date and time determination and you can set the date manually
- D. Setting time: Turn off automatic date and time determination and you can set the time manually
- E. Select time zone: Uncheck “Determine Time Zone Automatically” and you can set the time zone manually
- F. Use the 24-hour format: Check this option to use the 24-hour system

2. Switch on and off regularly

It can switch on and off automatically when the time comes after setting the time of automatic switching on and off

3. Accessibility

Zoom in gesture: Turn on and off the zoom-in gesture

Large font: Adjust the font size

There are also options such as high contrast text, pressing the power button to end the call, automatically rotating screen, saying password, touching and holding delay, color correction on and off, and so on

4. Print:

Connect printer(s)

5. Developer Option

Slide on and off this function, which can be used after different applications such as desktop backup password, unlocked screen, and USB debugging are on.

6. About mobile phone

System software upgrade: This feature is used to update the mobile phone. (Prompt) This feature must be networked

Status information: View the mobile phone's current battery status, battery power, local number, network, signal strength, mobile network type, service status, roaming, IMEI, WLAN MAC address, Bluetooth address, serial number, and boot time

Legal information: View relevant legal information

Model: Display mobile phone model

Android version: Displays the version of Android used by mobile phone

Baseband version: Display baseband version

Kernel version: Displays the kernel version used by mobile phone

Version No.: Displays the software version number used by mobile phone

Custom version: Show custom version

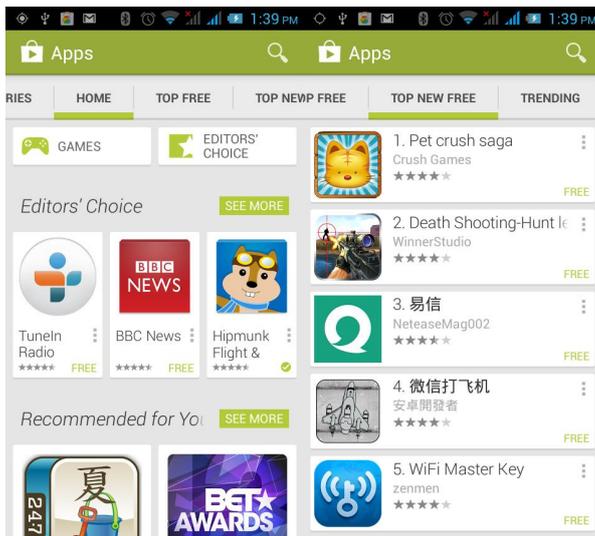
14. System Update

This feature is used to update mobile phone.

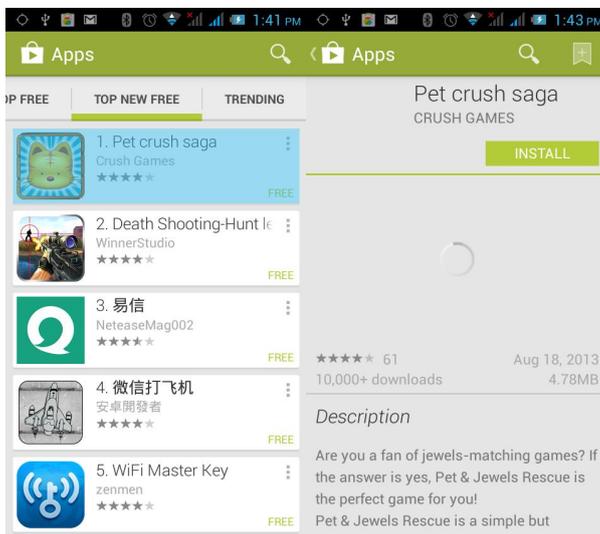
Tip: This feature must be networked.

15. Play Store

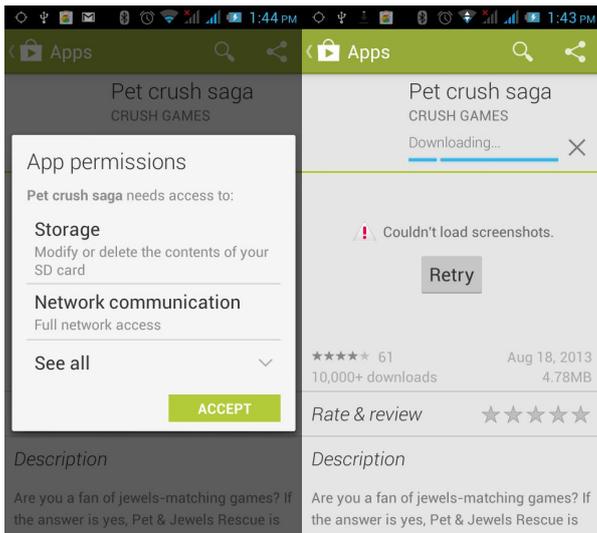
Enter the application at the Home Screen by clicking Play Store. You need to create a new account by following prompts on the screen the first time you enter the Play Store. Use your account to go to the Play Store home page and you can see a wide variety of mobile phone software, which you can select and install into your mobile phone as needed. You can slide the screen to Category, Hot Free, New Hot Free, Fastest Rise, and other interfaces to find popular software.



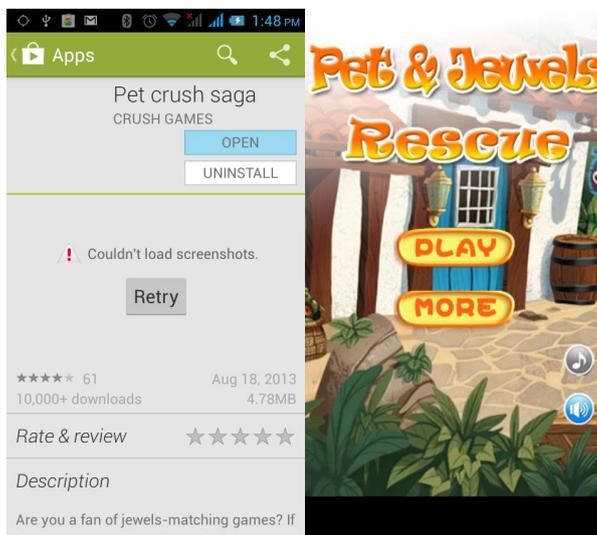
Click a favorite software icon to enter the installation interface in the Play Store interface:



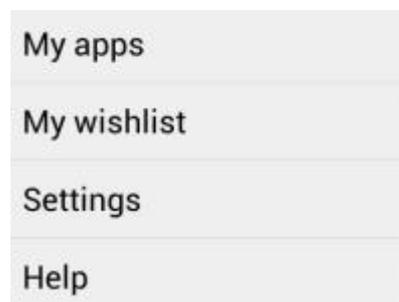
Click **INSTALL** to install the selected software, select Accept in the pop-up application permission, and your mobile phone will automatically download the software. Please click  next to the download progress bar if you want to cancel:



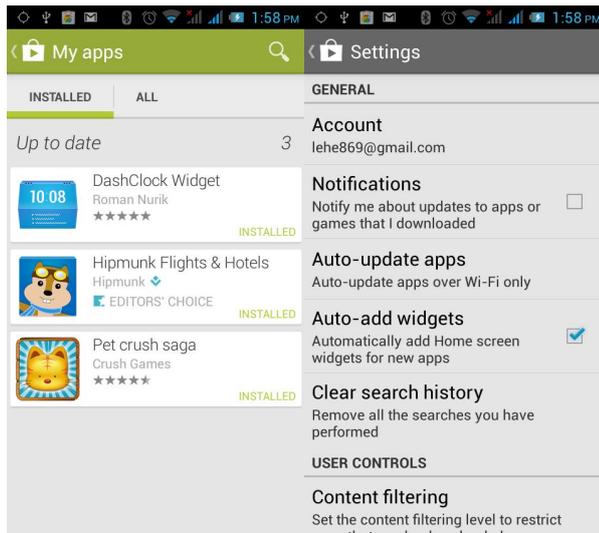
Click “Open” for the usage of the newly downloaded software after the completion of download:



Click Menu on the home page of the Play Store and the following Menu will pop up:



Select “My Applications” to view your “Installed Applications” and “All Applications” and reset your account, notification, automatic update application, password and so on:



Other Google services, such as Gmail, Google Settings, and Google + all need to apply for a Google account before you log in to Google service so that you can use Google-related services normally.

Common Problems & Solutions

Please refer to the following table for troubleshooting if an exception occurs when you use the product.

FAQ	Causes of occurrence	Solution
Poor reception	Radio waves cannot be transmitted effectively when using mobile phones in poorly received areas, such as near tall buildings or basements	Try to avoid this problem
	Use the mobile phone during intensive call times, such as commuting time, and the line congestion makes it impossible to talk	Try to avoid this problem
	It is related to the distance of the transmitting base station by the network	The network service provider can be required to provide a service area map
Echo or murmur	Caused by poor network trunk, which is a regional problem	The trunk may be replaced with a better line by hanging up and dialing again.
	Poor lines in some calling areas	

Shorter standby time	The standby time is related to the system setting of the network	Please turn off the mobile phone temporarily in a poorly received area.
	The battery needs to be replaced	Change a new Battery
	The mobile phone will continue to transmit to find the base station when the signal is not received, which consumes a lot of battery power and shortens the standby time	Please move to a place where the signal is strong or temporarily turn off the mobile phone
Unable to boot	The battery runs out of power	Check the battery or charge
SIM card error	SIM card damaged	Contact your network service provider
	SIM card is not installed	Make sure the SIM card is installed
	There is dirt on the metal surface of the SIM card	Wipe the metal contact point of the SIM card with a clean cloth
Unable to connect to the network	Invalid SIM card	Contact your network provider
	Beyond GSM or 3G service area	Query the service area from the network provider
	Weak signal	Please move to a strong signal area and try again
Unable to make call	Call restriction function is used	Cancel call restriction setting
	Fixed dialing function is used	Cancel fixed dial setting
PIN error	Enter incorrect PIN code three times in a row	Contact your network provider
Unable to charge	Battery or Charger corrupted	Replace with a new battery or charger
	Poor contact	Check whether the plug is connected properly
Unable to add phone book record	Phone book storage space is full	Delete some phone book records
Unable to set some	This feature is not supported by your	Contact your network provider

functions	network provider, or you have not requested it	
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FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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. Specific Absorption Rate (SAR) information:

This **Rugged Handheld Computer** meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: **Rugged Handheld Computer** has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the **Rugged Handheld Computer** kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 10mm separation distance between the user's body and the back of the **Rugged Handheld Computer**. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.