Contents

Safety 3
Environment 3
Getting Started 4
1 Installing the SIM card, battery, and storage card 4
2 Charging the Battery 4
3 Choose the Operating System (OS) 5
Windows Mobile OS 5
1 Stating up your device 5
1.1 Getting to know your touch phone 5
1.2 Starting up the device 5
1.3 Status Icons 6
1.4 Start Screen 7
2 Entering Text 7
2.1 Selecting an input methods 7
2.2 Using the keyboard 7
3 Using phone features 7
3.1 Turning the phone function on and off 7
3.2 Making a call 7
3.3 Answering and Ending a call 8
3.4 Using call history 9
3.5 Speed dial 9
3.6 Smart dial 10
4 Setting on your device 10
4.1 Clock & alarm settings 10
4.2 Home settings 10
4.3 Sound and Ring settings 10
4.4 Display settings 11
4.5 Protecting your device 11
5 ActiveSync 12
5.1 About Synchronization 12
5.2 Setting up ActiveSync® on Windows® XP 12
5.3 Synchronize with your computer 13
5.4 Synchronizing via Bluetooth 13
5.5 Bluetooth 13
6 Contacts, task and other information 14
6.1 Contacts 14
6.2 Calendar 16
6.3 Notes 16
6.4 Tasks 17
6.5 Office Mobile 17
7 Exchanging Messages 17
7.1 Text message 17
7.2 Outlook email 18
8 Internet 19
8.1 Ways of Connecting to the Internet 19
8.2 Internet Explorer 20
8.3 Internet sharing 20
8.4 Messenger 21
8.5 Windows Live 21
9 Experiencing Multimedia 21
9.1 Windows Media® 21
9.2 Camera 23
9.3 Pictures and videos 23

9.4 FM Radio 24
Android OS 24
1 Starting up your device 24
1.1 Getting to know your touch phone 24
1.2 Starting up the device 24
1.3 Status Icons 25
2 Using phone features 26
2.1 Turning the phone function on and off 26
2.2 Making a call 27
2.3 Answering and Ending a call 27
2.4 In-call options 27
2.5 Using call history 27
3 Setting on your device 28
3.1 Wireless controls 28
3.2 Call settings 28
3.3 Basic phone settings 28
4 ActiveSync 30
4.1 Data synchronization 30
4.2 Bluetooth 30
5 Contacts 31
6 Exchanging Messages 32
6.1 SMS and MMS messaging 32
6.2 POP3 and IMAP email accounts 34
7 Internet 35
7.1 Ways of Connecting to the Internet 35
7.2 Browser 35
8 Google 37
8.1 Google mail 37
8.2 Google talk 39
8.3 Google Maps 39
8.4 Google Calendar 40
9 Experiencing Multimedia 42
9.1 Camera & Picture 42
9.2 Music 44
10 Android Market 45
11 Other applications 46
11.1 Alarm Clock 46
11.2 Calculator 47

Safety

Never attempt to disassemble your phone. You alone are responsible for how you use your phone and any consequences of its use.

As a general rule, always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

Do not use your phone in damp areas (bathroom, swimming pool…). Protect it from liquids and other moisture.

Do not expose your phone to extreme temperatures lower than - 10°C and higher than + 55°C.

The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures.

Do not leave your phone within the reach of small children (certain removable parts may be accidentally ingested).

Electrical safety: Only use the chargers listed in the manufacturer's catalogue. Using any other charger may be dangerous; it would also invalidate your warranty. Line voltage must be exactly the one indicated on the charger's serial plate.

Aircraft safety: When traveling by plane, you will need to switch your phone off when so instructed by the cabin crew or the warning signs.

Using a mobile phone may be dangerous to the operation of the aircraft and may disrupt the phone network.

Its use is illegal and you could be prosecuted or banned from using cellular networks in the future if you do not abide by these regulations.

Explosive materials: Please comply with warning signs at petrol station asking you to switch your phone off. You will need to comply with radio equipment usage restrictions in places such as chemical plants, fuel depots and at any location where blasting operations are under way.

Electronic equipment: To avoid the risk of demagnetization, do not let electronic devices close to your phone for a long time.

Electronic medical equipment: Your phone is a radio transmitter which may interfere with electronic medical equipment or implants, such as hearing aids, pacemakers, insulin pumps, etc. It is recommended that a minimum separation of 15 cm be maintained between the phone and an implant. Your doctor or the manufacturers of such equipment will be able to give you any advice you may need in this area.

Hospitals: Always make sure that your phone is switched off in hospitals when so instructed by warning signs or by medical staff.

Road safety: Do not use your phone when driving. In order to give your full attention to driving, stop and park safely before making a call. You must comply with any current legislation.

Distance of operation: This phone model has been tested and meets radiofrequency exposure guidelines when used as follows:

• Against the ear: Place or receive a phone call and hold the phone as you would a wire line telephone.

• Body worn: When transmitting, place the phone in a carry accessory that contains no metal and positions the phone a minimum of 2.5 cm form your body. Use of other accessories may not ensure compliance with radiofrequency exposure guidelines. If you do not use a body worn accessory and are not holding the phone at the ear, position the phone a minimum of 2.5 cm from your body,

• Data operation: When using a data feature, position the phone a minimum of 2.5 cm from your body for the whole duration of the data transmission.

Environment

Packaging: To facilitate the recycling of packaging materials, please obey the sorting rules instituted locally for this type of waste.

Batteries: Spent batteries must be deposited at the designated collection points.

The product: The crossed-out waste bin mark affixed to the product means that it belongs to the family of electrical and electronic equipment.

To promote the recycling and recovery of waste electrical and electronic equipment (WEEE) and at the same time safeguard the environment, European regulations require you to obey the sorting rules instituted locally for this type of waste.

Getting Started

1 Installing the SIM card, battery, and storage card

You need to remove the back cover before you can install the SIM card and battery. Also, make sure to always turn off the power before installing or replacing the SIM card and battery.

Note: The phone is supported two SIM cards on Windows Mobile OS, and is supported one SIM card on Android OS (SIM1 is available only).

To remove the back cover

1. Make sure your device is turned off.
2. Firmly hold the device with both hands and the front panel facing down.
3. Push the back cover up with your thumbs until it disengages from the device and then slide it up to remove.

To install the SIM card

The SIM card contains your phone number, service details, and phonebook/ message memory. Your device is supported both 1.8V and 3V SIM cards.

Note: Some legacy SIM cards may not function with your device. You should consult with your service provider for a replacement SIM card. There may be fees for this service.

1. Remove the battery if it is installed.
2. Locate the SIM card slot, and then insert the SIM card with its gold contacts facing down and its cut-off corner facing out the card slot.
3. Slide the SIM card completely into the slot.

To install the battery

Your device comes with a rechargeable Lithium-ion battery and is designed to use only manufacturer-specified original batteries and accessories. Battery performance depends on many factors, including network configuration, signal strength, and usage patterns.

Warning: To reduce risk of fire or burns:

- Do not attempt to open, disassemble, or service the battery pack.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not expose to temperatures above 60°C (140°F).
- Replace only with the battery pack designated for this product.
- Recycle or dispose of used battery as stipulated by local regulations.

1. Align the battery's exposed copper contacts with the battery connectors at the bottom part of the battery compartment.
2. Insert the contacts side of the battery first and then gently push the battery into place.
3. Replace the back cover.

To remove the battery

1. Make sure your device is turned off.
2. Remove the back cover.
3. The bottom of the phone has a notch. Lift the battery by the notch to remove it.

To install a memory card

To have additional storage for your images, videos, music, and files, you can purchase a memory card and install it into your device.

1. Make sure that your device is turned off, and then remove the back cover.
2. Locate the memory card slot on the upper part of the exposed right panel.
3. Insert the memory card into the slot with its gold contacts facing down until it clicks into place.

Note: To remove the memory card, press it to eject it from the slot.

2 Charging the Battery

New batteries are shipped partially charged. Before you start using your device, it is recommended that you install and charge the battery. Some batteries perform best after several full charge/discharge cycles.

Note: Only the AC adapter and USB sync cable provided with your device must be used to charge the device.

Connect the USB connector of the AC adapter to the sync connector on your device, and then plug in the AC adapter to an electrical outlet to start charging the battery.

As the battery is being charged while the device is on, a charging icon appears in the title bar of the Home

screen. After the battery has been fully charged, a full battery icon appears in the title bar of the Home screen.

Warning: • Do not remove the battery from the device while you are charging it using the AC or car adapter.

• As a safety precaution, the battery stops charging before it overheats.

3 Choose the Operating System (OS)

After installing your SIM card and battery and charging the battery, you can now power on and start using your device.

1. To power off your phone, press & hold POWER on the top of the phone.
2. First, please choose the OS that you want to use:

• Press 'BACK' key or touch android icon to enter Android OS.

• Press 'Menu' key or touch Windows Mobile icon to enter Windows Mobile OS.

Otherwise, the default OS is Windows Mobile.

Windows Mobile OS

1 Stating up your device

1.1 Getting to know your touch phone

1. POWER key

(1) If you switch on the phone and there's no SIM card, the phone will prompt you to insert SIM card. The phone will check if the SIM card is available after SIM card is inserted.

Then, the following prompts will appear on the screen one by one:

Enter PIN 1——it appears if you've set password to lock the phone.

Enter phone password——it appears if you've set password to lock the phone.

Search for network——the phone will search for network till it finds proper network.

(2) Long press **POWER key** and then touch 'OK' to switch off the phone.

(3) In any mode, **POWER key** can be realized to close the background lights. Press again to open the background lights.

2. HOME key: In any mode, press to return to the Home screen.

3. MENU (Start) key: In any mode, press to return to the Start screen.

4. BACK key: In any mode, press to return to the previous screen.

5. Shortcut key: In any mode, press to enter the phonebook list screen.

6. Volume key: In idle mode, press to adjust the volume up or down.

7. OK key: Normally, it functions as a confirmation key after a menu item is selected.

8. Camera key: In photo preview screen, press this key to take the photo.

1.2 Starting up the device

Turning your device off

When the device is turned on, you can press and hold **POWER key** for several minutes to pop up a message box to prompt you whether to turn off the power completely or not.

Calibrating the device

When turning on the device for the first time, a quick start wizard will appear to guide you to complete screen calibration setting.

Touch the moved cross on the screen to calibrate screen. Touch objectives accurately and powerfully during the process of calibrating screen. During use, if the screen fails to respond accurately after touching, it means that the calibration of screen fails and the screen needs to be adjusted.

1. Please touch Start -> Settings -> System -> Screen
2. Touch and adjust screen on General property page, then finish calibration follow the onscreen instructions

Switching to sleep mode

Press **POWER** key to close screen temporarily and switch to sleep mode, the sleep mode can close screen to let the phone enter low power state so as to save power. The device will enter sleep mode automatically after it is idle for some time.

1. Please touch Start -> Settings -> Power -> Advanced
2. If the device is idle, validate "Turn off device if not used for".
3. Select time interval, then touch 'OK'.

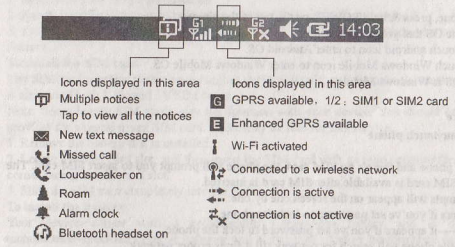
Note: You can still receive message and call in sleep mode.
Press POWER key, the device will be roused in case of an incoming call or message, etc.

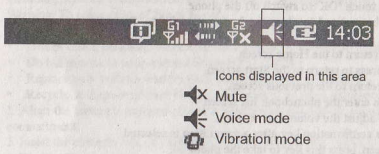
Home screen

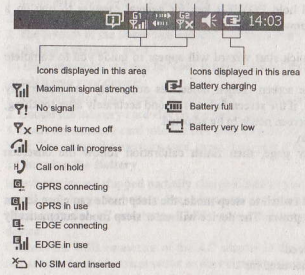
Turn on the phone power, the main interface (i.e. Home screen) of phone will be displayed on the screen; you can touch corresponding function option to use the function.

1.3 Status Icons

The following are some of the status icons that you may see on the device.







1.4 Start Screen

The Start screen, which can be opened by touching Start on the lower-left corner of the screen by Start ( ) button, gives you one-touch access to all programs and settings of your Windows Mobile-powered device.

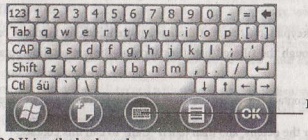
2 Entering Text

2.1 Selecting an input methods

When you start a program or select a field that requires text or numbers, the Input Panel opens and the Input Panel icon is displayed on the menu bar.

To show or hide the Input Panel, touch the Input Panel icon.

After selecting a text input method, the corresponding Input Panel is displayed, which you can use to enter text.



2.2 Using the keyboard

Keyboard input method is a full on-screen keyboard layout similar to a desktop PC keyboard.

Note: The keyboard layout may vary according to the region or country.

3 Using phone features

3.1 Turning the phone function on and off

In many countries, you are required by law to turn off the phone while on board an aircraft.

To enable or disable the phone function

1. Touch Start -> Settings -> Connections -> Wireless manager.
2. Touch the OFF/ON slider at the right side of the phone option to enable or disable the phone function.

To enable or disable Airplane Mode

Another way to turn off the phone function is to switch your device to Airplane Mode.

When you enable Airplane Mode, all wireless radios on your device are turned off, including the phone function, Bluetooth, and Wi-Fi.

1. Touch Start -> Settings -> Connections -> Wireless manager.
2. Touch Airplane Mode to enable or disable Airplane Mode.

When you disable Airplane Mode, the phone function is turned back on and the previous state of Bluetooth and Wi-Fi are restored.

Adjusting the volume

1. Press the Volume key to show the volume screen.
2. Adjust phone volume or incoming call volume to the desired degree using sliding block in volume interface. Touch "On" or "Vibrate" or "Off" to change system and vibration volume.

If the phone is in vibrating mode, the voice will be muted automatically and the device will vibrate when there is an incoming call.

3.2 Making a call

When the network operator's logo appears on the display screen, you can make or receive a call.

The info tip displayed on the top rights of screen expresses the network signal intensity.

The call quality is affected by obstacle greatly, so moving in small scope may improve call quality effectively.

To make a call, you can either dial a number or select a contact you want to call.

Note: Most SIM cards are preset with a PIN (personal identification number) that is provided by your wireless service provider. When prompted, enter the preset PIN, and then tap Enter. If you enter the wrong

PIN three times, the SIM card is blocked. If this happens, you can unblock it with the PUK (PIN Unblocking Key) obtained from your wireless service provider.

Making a call from the phone screen

1. In standby mode, touch Start -> Phone on the start screen to enter the phone screen.
2. On simulation keypad, tap number key to enter corresponding phone number. Begin entering the first few numbers or characters by tapping the keys on the Phone keypad. As you enter numbers or letters, the Smart Dial panel displays matches found.
3. If you enter a wrong number, touch button to delete it. Touch and hold button to delete all the entered numbers.
3. Touch [Talk1/Talk2] button to make a call.

Note: If the number you are dialing is not found in your contacts, you can touch Menu ( ) -> Save to Contacts, and then choose whether to create a new contact to save the number or to add the number to an existing contact.

5. Touch keypad ( ) icon to close the phone keypad and to see if there are more matching numbers or contacts in the Smart Dial panel. To browse through the filtered list, flick through the list or slide your finger up or down the list slowly.

To dial from contacts

In standby mode, touch Start -> Contacts to enter contact list. After selecting the contact record you need to contact, you can call this contact in two ways:

1. Move the focus to this contact and click to enter the details, and then touch "Call" to call this contact. By default, the mobile phone of contact will be dialed; you can also specify the phone number you want to dial.
2. Touch and hold the selected contact you want to call, and then touch to dial work phone, home phone or mobile phone on the shortcut menu.

Making an emergency call

Enter the international emergency number for your locale, and touch [Talk1/ Talk2] button on your device. Additional emergency numbers may be included in your SIM card. Contact your wireless service provider for details.

Making an international call

1. Tap and hold the number 0 key on the Phone screen until the plus (+) sign appears. The plus (+) sign replaces the international prefix of the country that you are calling.
2. Enter the full phone number you want to dial, and touch [Talk1/Talk2] button on your device. The full phone number includes the country code, area code (without the leading zero, if any), and phone number.

Calling voice mail

Number 1 is generally reserved for your voice mail. Touch and hold this button on the Phone screen keypad to call voice mail and retrieve your voice mail messages.

3.3 Answering and Ending a call

When you receive a phone call, the Incoming Voice Call screen will appear, allowing you to either answer or ignore the call.

1. Tap the icon to answer a call.
2. Tap the icon to reject a call.

Using the call functions

When a call is in progress, a shade covers the call function buttons to prevent accidental taps. Only the Keypad and "End" buttons are active.

The call function buttons allow you to put a call on hold, dial another contact for a phone conference, and more.

During a call, you can also conduct various operations with different options on the screen and the functions in [menu].

Note: Whether these functions can be used depends on whether the network operator can provide these functions and whether you have applied for these functions.

1. Hold/Unhold: During a call, when you select [Hold] button, you and the caller can not hear the voice of each other, but the phone has not been hung up until you select [Unhold] to recover the normal conversation.
2. Mute/Unmute: During a call, if the microphone needs to be turned off, tap [Mute] button. You can hear the voice of the other party but can not be heard by the other party. Select [Unmute] to recover the normal conversation.
3. Speaker on/off: After activating this function, the system will amplify the voice of the other party with the speaker, so that you can hear the voice of the other party in noisy environment.

Note: After turning on the speaker, please do not keep the device near to your ear; otherwise you may suffer from hearing loss.

4. Turn hands-free on/off: After connecting Bluetooth earphone, touch [Menu], then select [Turn hands-free on] during a call to activate hands-free function, so that you can also maintain communication with the other party without putting the phone near your ear, and the other party will also hear your voice clearly. The system will amplify the voice of the other party with the loudspeaker so that you can also hear the voice of the other party in noisy environment. The hands-free function can be turned off in the same way.
5. Create note: During a call, you can conduct phone record using note function.

During a call, touch [Create note] button to enter note input interface, in which you can input record and conduct call voice recording.

In call record, the call record with note remark will display icon.

When viewing the memo, you can enter note list from Start -> Notes, and select corresponding record to view.

6. Dialing another call during a call: During a call, you can dial another number at the same time. The fist call will be held automatically at this time. In the call interface, tap [Keypad] button on the lower left of screen, input phone number you want to dial on the simulation keypad, then touch [Talk1/Talk2] button to make a call to this number.
7. Switching a call: During a call, if there is another incoming call, you can touch [Talk1/Talk2] button to receive this call. The first call will be held automatically but will not be hung up, and the first caller will not hear the contents of second call. At this time, you can use switching function and communicate with both parties in turns. The party who are not during a call will be held automatically and can not hear the contents on a call. When you hang up one of the calls, the other call will cancel hold status automatically.
8. Conference*: During a call, if there is another incoming call, the system will prompt you correspondingly and you can receive or reject the incoming call. If you select to receive the call, you can switch between two calls, or you can also merge the two calls to constitute a telephone conference of three parties. So if one person speaks, two others can hear the voice. The telephone conference can consist of six members at maximum.

Note: Whether the group call function can be used depends on whether the network operator supports and provides such function as well as whether you have applied for such function. Please contact network operator for details.

3.4 Using call history

1. The missed call icon icon appears in the title bar when you missed a call.
2. Use the Call History tab to check who the caller was, or view all your dialed numbers, and received calls. To open the Call History tab, touch [History] button in the phone screen to enter the call history list.
3. Scroll/Touch Menu -> Filter to select a call type, and then scroll to the contact or number you want to dial.
4. Touch 'Call' button.

3.5 Speed dial

Use Speed Dial to call frequently-used numbers with a single tap. For example, if you assign a contact to the location 2 in Speed Dial, you can tap and hold the number 2 key on the Phone screen keypad to dial the contact's number.

To create a Speed Dial entry

1. On the Phone screen, touch Menu > Speed Dial.
2. Touch Menu -> New.
3. Touch a contact, and then select the phone number of the contact that you want to the speed dial key.

4. In Location, select an available key to use as the speed dial key, and then touch OK.
Tips: • To delete a Speed Dial entry, in the Speed Dial list, touch and hold the desired entry, and then touch 'Delete'.

3.6 Smart dial

The Phone's Smart Dial feature makes it quick and easy for you to place a call. When you start entering a phone number or contact name, Smart Dial automatically searches and sorts the contacts on the SIM and in Contacts, and the phone numbers in Call History (incoming, outgoing, and missed calls). You can then select the desired number or contact from the filtered list.
You can just enter the first letter of the name or number of a contact. Smart Dial searches for contact phone numbers and the first character of a contact name as well as from the character that appears after a space, dash, or underscore in a contact name.

4 Setting on your device

4.1 Clock & alarm settings

In this item, you can calibrate the date and time of phone and set alarms.
Time: You can set your time zone and the date and time of system.
Note: When synchronizing, the time and date of device will be updated synchronously.
Set the time and date of a different region. If you need to refer to the time of other time zone, you can set it as the time zone of the visited city.
Alarms: This phone can provide three alarms. This function can make the phone ring or vibrate to prompt you when the set time is up.
1. Touch the block in front of the selected alarm clock to activate the alarm clock.
2. Touch <Description> to edit the prompt when the alarm clock reminds you.
3. Touch any day from Sunday to Saturday to set the reminding date of alarm clock. Some day in a week.
4. Touch "Time" item to set the reminding time of the selected alarm clock.
5. Touch OK to save it.
Note: When the phone is turned off, the alarm function will not be used.

4.2 Home settings

In this item, you can select the desktop theme and functions displayed in standby interface of the phone.
1. Touch Start -> Settings -> Home
2. In appearance property page, you can select theme for Home screen. Touch "Use this picture as background", then tap "Browse" and validate, then touch OK.
3. Touch item property page to select the items you want to display on Home screen.
4. Set the appoint information displayed on Home screen. If you have many appointments, you can display them on Home screen in the designated mode. Tap item property page, select calendar, then touch Options button to set:
• Select next appointment, display the next appointment in the schedule; If you select recent appointment, many recent appointments will be shown.
• Tick "Display all day events", the all day events will be shown on Home screen.
5. Set the task information shown on Home screen. If you have many tasks, you can specify the method for the task to be shown on Home screen. Touch item property page, select task, then touch option button to set:
• Under "Display number of ", select the types for tasks to be displayed on Home screen.
• In category list, select "All tasks".

4.3 Sound and Ring settings

You can set to open or close various events, e.g. the reminder of event, program, screen taping and keys as well as the loudness of sounds.
1. Touch Start -> Settings -> Sounds & Notifications.
2. In Sound tab, tick the sound you want to set and the item you want to remind.
3. Tap Notifications tab, select the sound you need to set and the event you want to remind in the event list, and then configure the reminder mode of such event.
To change the ring type and ring tone
You can select prompt mode and ring type when there is an incoming call.
1. Touch Start -> Settings -> Personal -> Phone

2. In sound tab, select the ring type you want to use, and then touch OK.
Tips: • You can use *.wav, *.mid, *.mp3, *.wma, or other types of sound files that you downloaded from the Internet or copied from your computer. For a complete list of supported audio file formats.
• To use your sound files as ring tones, copy them first to the /My Documents /My Ring tones folder on your device, and then select the sound from the Ring tone list of your device.

4.4 Display settings

To manually adjust the screen brightness

By default, your device automatically adjusts the screen brightness according to the ambient lighting.
1. Touch Start -> Settings -> System, and then touch Backlight tab.
2. Clear ' Auto adjust backlight' check box.
3. Adjust the brightness by dragging the slider under "battery power" and "external power".

To automatically turn off the screen backlight when the device is not in use

1. Touch Start -> Settings -> System, and then tap Backlight tab
2. In battery power and external power, specify the time before the screen backlight turns off.

To increase or decrease the size of text on the screen

1. Touch Start -> Settings -> System, and then tap Screen tab
2. Touch Text Size tab, move the slider to increase or decrease the text size.
To re-calibrate the touch screen
The device touch screen is calibrated before shipment. Re-calibrate the touch screen if it does not accurately respond to screen taps.

Device name

The device name is used to identify your device when synchronizing with a computer, connecting to a network, or restoring information from a backup.
Note: If you synchronize multiple devices with the same computer, each device must have a unique name.
1. To change the device name, touch Start -> Settings -> System
2. On the System tab, touch About -> Device ID tab.
3. Enter the device name.
Notes: The device name must begin with a letter, consist of letters from A to Z, numbers from 0 to 9, and cannot contain spaces. Use the underscore character to separate words.
If you enroll your device to your company's domain, the device name will be changed to be the same as the one used to enroll the device.

To access and change settings of phone services

You can change the settings of various phone services for your device. Phone services may include Call Forwarding, Call Waiting, Voicemail, and more. Contact your wireless service provider to find out about the availability of phone services for your device.
1. Touch Start -> Settings -> Personal -> Phone
2. On the Service tab, select the service you want to use, and then touch Get Settings. Choose your desired options, and then touch OK.

4.5 Protecting your device

Protect your SIM card with PIN

You can protect your SIM card by requiring a PIN (personal identification number) every time the device is turned on. You will not be able to use the phone or the data connection until you enter the correct PIN.

To enable the SIM card PIN

1. Touch Start -> Settings -> Personal -> Phone
2. On the Security screen, select 'Require PIN' when phone is used check box.
Tips: • To change the PIN; touch 'Change PIN' on the Security screen.
• Emergency calls can be placed at any time, without requiring a PIN.

Protect your device with a password

You can help keep your data more secure by requiring a password every time the device is turned on.
1. Touch Start -> Settings -> Lock
2. Select the Prompt if phone unused for check box, then specify the idle time before the device requires a password.
3. In the Password type box, select the type of password you would like to use.
Tip: If your device is configured to connect to a network, use an alphanumeric password for increased

security.
4. Enter the password in both the Password and Confirm boxes.
5. Touch OK. The next time the device is turned on, you will be prompted to enter your password.
Notes: • To ensure that you can always make emergency calls, do not begin your password with the digits of your local emergency number.
• If you entered a hint, the hint will be displayed after the wrong password is entered five times.
• Each time a wrong password is entered, the device response time gets longer until the device appears to be not responding.
• If you forget your password, you can hard reset or clear the device memory.
Encrypt files on your storage card
You can set your device to encrypt files as they are saved on the storage card.
1. Touch Start -> Settings -> System
2. On the System tab, touch 'Encryption'.
3. Select Encrypt files when placed on a storage card.
Notes: • Encrypted files can only be read on the device that encrypted them.
• Encrypted files are opened just like other files, provided you are using the device that encrypted them. There is no separate step for you to take to read these files.
Important: If Encrypt file when placed on a storage card is enabled, backup all files from the storage card before using Clear Storage, hard reset, or updating the operating system. Otherwise you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage card.

5 ActiveSync

5.1 About Synchronization

You can take information from your computer wherever you go by synchronizing it to your device. The following types of information can be synchronized between your computer and your device:
• Microsoft Outlook information, including Outlook email, contacts, calendar, task and notes
• Media files, including pictures, music and video
• Files, including some documents and other files
Try to synchronize regularly in order to keep information up-to-date on both your device and your computer.
Before you can synchronize, you need to install and set up first the synchronization software on your computer.
After installing the synchronization software on your computer, connect the device to your computer using the USB sync cable. When the Connect to PC screen appears on your device, touch ActiveSync, and then touch "Done".
You can also synchronize information with your computer using Bluetooth.

5.2 Setting up ActiveSync® on Windows® XP

The Getting Started disc that comes with your device contains Microsoft ActiveSync 4.5 or later. Follow the steps in this section to install and set up ActiveSync on Windows XP or other compatible Windows systems.
Note: For a list of compatible Windows systems, go to
http://www.microsoft.com/windowsmobile/activesync/activesync45.mspx.

Setting up synchronization in ActiveSync

1. Connect your device to your computer. The Synchronization Setup Wizard automatically starts and guides you to create a synchronization partnership.
Click Next to proceed.
2. To synchronize your device with your computer, clear the Synchronize directly with a server running Microsoft Exchange check box, and then touch 'Next'.
3. Select the information types that you want to synchronize, and then touch 'Next'.
4. Select or clear 'Allow wireless data connections' check box according to your preference.
5. Touch 'Finish'.
When you finish the wizard, ActiveSync synchronizes your device automatically.

Notice that Outlook e-mail messages and other information appear on your device after synchronization.

5.3 Synchronize with your computer

Connect and synchronize your device with your computer using the USB cable or Bluetooth connection. You can manually synchronize either from your device or computer.

From your device

Touch Start -> ActiveSync to synchronize. If the synchronization needs to be stopped during synchronizing, touch 'Stop' to stop synchronization.
Enter the ActiveSync interface of device, touch Menu -> Options. In this operation, you can select or change the information of the synchronized items.

From ActiveSync on your computer

When you connect your device to your computer, ActiveSync automatically opens on your computer and synchronizes.

Selecting information to synchronize

You can select the information types and the amount of information to synchronize for each type either on your device or your computer. Follow the steps below to change synchronization settings on your device.
Note: Before changing synchronization settings on your device, disconnect it from your computer.
1. In ActiveSync on your device, touch Menu -> Options.
2. Select the check box for any items you want to synchronize. If you cannot select a check box, you might have to clear the check box for the same information type elsewhere in the list.
3. To change synchronization settings for an information type, for instance, E-mail, select it and touch Settings.
You can then set the download size limit, specify the time period of information to download, and more.
Notes: • Some information types such as Favorites, Files and Media cannot be selected in ActiveSync Options on your device. You can only select or clear these items from your computer's Windows Mobile Device Center or ActiveSync.
• A computer can have sync partnerships with many different Windows Mobile powered devices, but a device can have sync partnerships with at most two computers. To ensure that your device synchronizes properly with both computers, set up the second computer using the same synchronization settings you used on the first computer.
• Outlook e-mail can be synchronized with only one computer.
Troubleshooting sync connection problem
In some cases, when the computer connects to the Internet or a local network, it may disconnect the connection with your device in favor of the Internet or network connection.
If this happens, tap Start ->Settings, and then tap Connections tab -> USB to PC, then clear 'Enable advanced network functionality' check box.
This makes your computer utilize a serial USB connection with your device.

5.4 Synchronizing via Bluetooth

You can connect and synchronize your device with the computer using Bluetooth.
Note: To connect and synchronize your device with a computer via Bluetooth, your computer must have a built-in Bluetooth or installed with a Bluetooth adapter or dongle.

To synchronize with a computer via Bluetooth

1. Set up Windows Mobile Device Center or ActiveSync on your computer to synchronize through Bluetooth.
2. Make sure that Bluetooth on both your device and the computer are turned on and set to visible mode.
If this is the first time you have connected to this computer via Bluetooth, you must first complete the Bluetooth wizard on your device and set up a Bluetooth partnership between your device and the computer.
3. On your device, touch Start > ActiveSync
4. Touch Menu > Connect via Bluetooth
Note: To conserve battery power, turn off Bluetooth when not in use.

5.5 Bluetooth

Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about eight meters without requiring a physical connection.
Bluetooth on your device operates in three different modes
• On. Bluetooth is turned on. Your device can detect other Bluetooth-enabled devices, but not vice versa.

• Visible. Bluetooth is turned on, and all other Bluetooth-enabled devices can detect your device.
• Off. Bluetooth is turned off. In this mode, you can neither send nor receive information using Bluetooth.

Notes: • By default, Bluetooth is turned off. If you turn it on, and then turn off your device, Bluetooth also turns off. When you turn on your device again, Bluetooth automatically turns on.

• Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.

To turn on Bluetooth and make your device visible to other

1. Touch Start > Settings, and then touch Bluetooth >Mode tab.
2. Select 'Turn on Bluetooth and Make this device visible to other devices' check boxes.
3. Touch OK.

Bluetooth Partnerships

Create a Bluetooth partnership between your device and another Bluetooth enabled device in order to exchange information in a secured manner. Creating a Bluetooth partnership between two devices is a one-time process. Once a partnership is created, the devices can recognize the partnership and exchange information without entering a password again.

To create a Bluetooth partnership

1. Touch Start -> Settings, and then touch Bluetooth -> Devices tab.
2. Touch Add new device. Your device displays the names of other Bluetooth devices within range.
3. Touch the device name in the box, and then touch 'Next'.
4. Specify a password to establish a secure connection. The password can be 1 up to 16 characters.
5. Touch "'Next'.
6. Wait for the paired device to accept the partnership. The receiving party needs to enter the same password that you specified.
7. After the receiving party enters the password, a message box appears on your device confirming the partnership.
8. Touch 'Done'.

To accept a Bluetooth partnership

1. Ensure that Bluetooth is turned on and in visible mode.
2. Touch 'Yes' when prompted to establish a partnership with the other device.
3. Enter the pass code (the same password that is entered on the device requesting the partnership) to establish a secure connection.
4. Touch 'Next'.
5. Touch 'Done'. You can now exchange information with the paired device.

Beaming Information Using Bluetooth

You can beam information such as contacts, calendar items, tasks, and files from your device to a Bluetooth-enabled computer or device.

To beam information from your device to a computer

1. Turn on Bluetooth on your device, and make your device visible.
2. Set Bluetooth on your computer to visible mode, create a Bluetooth partnership, and then enable your computer to receive Bluetooth beams.

Note: If the Bluetooth adapter or dongle on your computer was installed using a third-party driver, open the Bluetooth software that came with the Bluetooth adapter/dongle and enable the adapter/dongle to be discovered by other devices. Refer to the Bluetooth adapter's documentation for more information.

3. On your device, select an item to beam. The item can be an appointment in your calendar, a task, a contact card, or a file.
4. To beam a contact, touch Menu > Send Contact > Beam.
5. Touch the device name to which you want to send the item.

6 Contacts, task and other information

6.1 Contacts

Contacts refer to your personal and commercial address book and relevant stored information connected with you. You may create contacts with following formats.

The contacts information on this phone is saved in SIM card or device.

SIM card contacts: Generally, the contact information saved in SIM card includes name and one number

(depending on type and service of SIM card used by you).

Outlook contacts: There are a wide variety of files stored in phone. For the contact records saved in the phone, you can not only record the name of contacts, multiple different types of phone number, e-mail address and home address, etc, but also store a great amount of individual information about contacts, e.g. birthday and anniversary, etc.

When you divert SIM card to other phone, the information stored in SIM card can still be used, but the information stored in the phone can not be taken away along with SIM card, which can only be kept in original phone, unless you copy the information of some contact to SIM card. But the information exceeding the save range of SIM card will be lost.

You can save contact information by installing new device or synchronizing your PC or Exchange server.

Add a new contact

1. In the contact list, touch "New" ( ) and select Outlook contact, then enter contact information.
2. Touch "Communicate -> Add a name", in the "File as" field; select the contact's name you want to show in the contacts list.
3. To add picture of contact, touch "Communicate -> Picture icon", then select picture or touch 'Camera' to take a photo of the contact. When dialing a call, such picture will be shown on the screen of device.
4. To assign a ring tone to the contact, touch "Info -> Set Ring tone" field and select the desired ring from drop-down list of ring list.
5. Please touch OK to finish it.

Tip: A Contact can be added during a call or when you receive SMS and e-mail or in call record.

To add a contact to your SIM card

1. On the Contacts screen, touch 'New', then select SIM Contact.
2. Enter a contact name and phone number, and then touch OK.

Searching and viewing contacts

1. Touch Start -> Contacts option to enter. The list of all the contacts on the phone and SIM card will be shown on the screen.

The contact list is arranged in accordance with the alphabetic order and saved in contact record on the phone which is listed in front of SIM card record.

In contact list, the type of default call number will be shown after the name of record saved on the phone. If the default call number is work phone number, it will show "work phone"; if the default number is home phone number, it will show "home phone"; if the default number is mobile number, it will show "mobile phone". But for the record saved in SIM card, it will only show SIM card tag.

2. When the contact list is too long, many ways can be used to find contact.
• Enter name of contact in the current text box until the contact you want to find is displayed.
• Use the indexed mode in alphabetical order to display contact.

On the Quick Scroll bar on the top of the Contacts screen, scroll to or tap a letter to go directly to the part of the contacts list where contact names start with that letter.

Note: You can disable the Quick Scroll bar by touching Menu >Options and selecting 'Show alphabetical index' check box. This shows the alphabetical index at the top of the Contacts list.

• Filter the list by categories. In contact list, touch Menu -> Filter, then touch a category you've assigned to a contact. To show all contacts, select All Contacts.

3. After selecting contact by moving cursor, tap to view the detailed information of such contact. Then touch Menu -> Edit to modify such information.

Sending contacts

- Wireless data exchange

With Bluetooth function, the contact record can be sent to other device with Bluetooth function.

In contact list screen, select Send contact -> Beam function from 'Menu'.

Note: Before beaming, make sure Bluetooth is turned on and set to visible mode on your device and the target mobile device. You can also beam contact information to your computer.

- Send by short message

You can select all the contact records or current selected record, then enter short message editing interface. You can send the details of selected record to others by short message.

In contact list screen, select Send contact ->Text messages from 'Menu'.

Copying and deleting contacts

1. You can copy contact information between SIM card and phone.

After entering the detailed content screen of SIM card record, touch Menu -> Copy Contact -> To Contacts option, then the system will prompt you to enter relevant information of such contact. Enter the required content and validate to complete the copy.

Because the record on SIM card can only save one phone number, you need to select the phone number you want to save it to SIM, and then touch Menu -> Copy Contact -> To Card1/Card2 card option, the system will prompt you to re-confirm the name and number of SIM card contact, re-edit or validate it directly to complete the copy.

Deleting contacts

In contact list screen and detailed information screen of contacts, you can select such item and validate to delete contact record.

6.2 Calendar

You can use this function to view calendar or set schedule. The system will remind you when the time of appointment and schedule is up.

Setting up a new appointment

1. In calendar screen, touch Menu ( ) -> New Appointment to enter new appointment interface.

2. You can set new appointment reminder follow the instructions, e.g. theme, place, start time and end time, reminding period, etc.

3. If there is special occasion, e.g. birthday or a daylong activity, the daylong option should be set as "Yes"; if the appointment is in certain period of time, select start time and end time.

4. You can group appointment with special category to relevant appointment. Tap category to select existing category (Personal, season, holiday and business) or enter new category.

5. Then touch OK to return to calendar.

Reviewing appointment

In standby interface, touch Start -> Calendar and validate, the appointment list will be shown on the screen.

By default, the calendar is shown in calendar view. You can tap Day ( ) on the lower left of screen to view Day, Week, Month and Year and Agenda screen for your convenience.

1. In any view, you can touch appointment to view detailed appointment information.

2. Touch Menu -> Filter to view appointment by category.

3. Touch menu ->Tools -> Options -> General to change the default view of calendar. Select the view in "Start in"

4. Touch Menu ->Tools -> Options -> Appointments to activate automatic reminding. Select "Set reminders for new items" to set the time you want to be reminded, tap OK to return to calendar.

Sending meeting request

Use calendar to create meeting, then send to the contacts that use Outlook or Outlook Mobile.

1. Enter calendar, edit a new appointment or an existing appointment.

2. In editing screen, touch "Beam" to add the contact who you want to invite to the necessary participants or optional participants.

3. After adding participants, touch OK to send it out.

Tip: You can choose e-mail to send out meeting request. Touch Menu ->Tools -> Options -> Beam Appointment to set the mode of sending out meeting request as Outlook e-mail.

When using Outlook to send out meeting request, it will be sent out synchronously next time. When the participant accepts your meeting request, this meeting request will be added to his/her schedule automatically. When he gives you a reply, you schedule will also be updated at the same time.

6.3 Notes

You can record all kinds of information quickly, even adding voice recoding to it. In standby interface, touch Start -> Notes and validate.

At this time, the screen will display all the memo lists saved in this phone, touch [Name] on the top right of screen to change the sequence manner of file lists.

In note list screen, open the required file with the touch pen; tap and hold a note file to conduct the following operation: Rename/move, delete, create copy, select all, send or beam file wirelessly.

In memo list interface, touch [All folders] on the top left of screen, you can search files saved in different file folders in the pop-up folder list.

Creating a file

In note list screen, touch "New" on the lower left of screen to create a new memo file. When editing a file, select [Undo Ink] to cancel the operation of the step above. Select [Redo Ink] to recover the information that was deleted just now. After the editing is completed, touch OK to save and close the file.

If a character crosses over three separation lines, it will be regarded as a figure, rather than text.

Adding voice recoding to file

In memo editing interface, touch Menu -> View Recording Toolbar, the voice recording bar will be shown on the screen. Touch [ ] to start recording voice, tap [ ] to stop recording voice.

When the voice recording is over, an icon will be shown in the file. Tap such icon with the touch pen to play the voice recording. With notes function, you can also create an independent voice recording file. In memo list screen, select [View Recording Toolbar] from [Menu] to start recording voice. When the voice recording is over, the voice recording file will be created automatically.

6.4 Tasks

Task is used to record the affairs that need to be completed. Its record mainly comes from the task information in Microsoft Office Outlook software after synchronizing the phone with computer.

Synchronizing task on the computer

When you want to synchronize the task record in Microsoft Office Outlook of computer with the phone, please open ActiveSync software on the computer and connect computer with phone via USB data cable. By default, the system will synchronize the task on the computer with the [Task] function of phone.

In the task interface after synchronization is completed, tap the required task to display the details of such task.

Creating task on the device

In task function screen, touch Menu -> New Task to enter new task editing interface. After entering corresponding contents, touch OK to complete and save such task.

6.5 Office Mobile

Excel Mobile: Excel Mobile works to match the Microsoft Excel on the PC. With Excel function, you can create new Excel files, edit the Excel files copied from PC and Excel files in the memory card and open multiple files with different formats including Excel template (.xlt) and Excel (.xls) formats, to bring convenience to your work.

Excel Mobile doesn't support all the Office Excel functions. After the files on the computer are transferred and saved to the device, parts of information and format may be lost.

OneNote Mobile: With this function, you can capture idea and record the reminder, viewpoints and phone number quickly. You can input a new note pad or add voice recording to note pad.

PowerPoint Mobile: This phone can support the view of .PowerPoint slide files. The slid show presentations can be opened from e-mails, downloaded from file sharing or Internet, copied to device via memory card or obtained by synchronizing PC, etc. You can open and view files with multiple different formats (including .ppt and .pps format, etc.) using this phone.

Word Mobile: With Word function, you can create new Word files and you can also open and edit Word files on the phone copied from PC for your convenience of work.

In Word Mobile, you can open, use or save files with different formats, including plain text (.txt), Word file (.doc) and Pocket Word file (.psw), etc.

Note: Word Mobile doesn't support all the Office Word functions. When the files on the PC are saved to device, the files may loss parts of information and format.

7 Exchanging Messages

This function allows you to edit, create, send and receive SMS and email.

You can switch over among accounts such as SMS and Outlook email.

When a message is received, you can touch to open it in Today.

7.1 Text message

Send short text messages (SMS) to other mobile phones. If your message is more than 160 characters, it will be sent as two or more separate messages and you will be billed accordingly.

Before using this phone to send SMS for the first time, please ensure that this phone has set well the

number of SMSC. Please consult your network operator for the number of SMSC of different areas.

Creating and sending a new text message

1. In the message list of SMS inbox, touch Menu -> New on the lower right of screen, the editing interface of new SMS will be shown on the screen.
2. To add recipients, enter their mobile phone numbers in the 'To' field, separating the numbers with a semicolon (;). You can also tap 'To' or touch Menu -> Add Recipient to add mobile phone numbers from Contacts.
3. Enter your message.
4. To choose from preset messages, touch Menu -> Short Text and tap a desired message.
5. When finished, touch 'Send'.

Note: If you want to know when a text message is received, before sending the message that you are composing, touch Menu -> Options -> SMS Options, then select the Request SMS delivery notification check box.

Managing text messages

1. In SMS list of inbox, tap the pull-down menu on the top left of screen to view the drafts, outbox, inbox, sent message or deleted message.
2. Touch and hold the SMS you want to reply, and then touch Reply or Menu -> Reply option to reply SMS to sender directly.
3. Touch Menu ->Delete option to delete a SMS.

7.2 Outlook email

This phone supports email receiving/sending function. If you install synchronization software on your PC and set up synchronous relation with device, the device can receive and send Outlook email.

Before you use the email receiving/sending function of this phone for the first time, you need to set network (default value has been set, there is no need to reset it) and account (See the description of email account setting for details).

Setting up new email account

With this function, you can set up an email account to send and receive email. This phone supports POP3/IMAP4 mail box. You can set it according to the following procedures. Please consult email service provider for any question.

1. Touch Start -> E-mail-> Setup Email.
2. Enter your E-mail address and the Password for your e-mail account and select the Save password option. Touch 'Next'.
3. If e-mail provider settings are found preconfigured on your device, the E-mail

Setup wizard shows a successful message. Touch 'Next'.

If the settings are not found on your device, select the Try to get e-mail settings automatically from the Internet checkbox to find and download e-mail server settings from the Internet and then touch 'Next'.

4. Enter your name and the Account display name and then touch 'Next'.

Note: If the E-mail Setup wizard was unsuccessful in finding and downloading settings from the Internet, select Internet e-mail from your e-mail provider list on the next screen. You will be asked to enter e-mail server settings. See "To specify e-mail server settings" for details.

5. In the Automatic Send/Receive list, choose how frequent you want e-mail messages to be automatically sent and downloaded on your device.

Note: Touch Review all download settings to select download options, set the e-mail format as HTML or plain text, and more. For more information, see "To customize download and format settings."

6. Touch 'Finish'.

To specify e-mail server settings

If Auto Setup is unsuccessful, contact your ISP or e-mail provider for the Incoming mail server and Outgoing mail server settings so you can enter them on your device.

Other options that you can select include the following:

- Select Outgoing server requires authentication check box, if required by your provider.
- If the outgoing e-mail server requires a different user name and password for sending e-mail, clear the Use the same user name and password for sending e-mail check box. You will be prompted to enter this information.
- Touch Advanced Server Settings, then select the Require SSL check boxes if your e-mail provider uses

an SSL connection for more secured e-mail. From the Network connection list, select the data connection that you use for connecting to the Internet.

To customize download and format settings

Before you tap Finish when setting up your POP3 or IMAP4 e-mail account, you can tap the Review all download settings link at the bottom of the screen to choose download options, message format, and other settings.

Automatic Send/Receive: Select a time interval for connecting to the Internet automatically to send and receive messages.

Download messages: Set the number of days of messages that you want to be downloaded to your device.

Message format: Select HTML or Plain Text.

Message download limit: Select the e-mail download size. If you have large volumes of e-mail, use a lower size or select to download headers only.

Send/receive when I click Send: By default, messages are immediately delivered when you touch 'Send'. If you prefer to save outgoing messages to the Outbox folder first, clear the check box. (In this case, you will need to manually send messages by tapping Menu -> Send/Receive).

Use automatic send/receive schedule when roaming: This allows your device to data roam when there is a set time interval for connecting to the Internet automatically. Since this may result in higher connection costs, you may want to leave the check box cleared.

When deleting messages: Choose whether to delete messages from the mail server when you delete them on your device.

Creating and sending an email message

After setting up E-mail account on your device, you can start sending and receiving e-mial message.

1. Select Outlook email. Touch Menu -> New.
2. Input the email address of recipient in recipient bar. If the email address is stored in contact record, you can also touch Menu -> Add Recipient to add more than one recipient at the same time.
3. Enter a subject and compose your message.
4. When writing, touch Menu -> My Text to insert preset message. If you want to add attachment to email, tap Menu -> Insert and tap the item you want to attach: Picture, Voice Note or File. Select the file or picture you want to attach, or record a voice note. To check spell, touch Menu -> Spell Check.
5. When finished composing the message, tap Send.

8 Internet

8.1 Ways of Connecting to the Internet

Your device's networking capabilities allow you to access the Internet or your corporate network through Wi-Fi, GPRS, or dial-up.

You can also add and set up a VPN or proxy connection.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 100 meters (300 feet). To use Wi-Fi on your device, you need access to a wireless access point or "hotspot".

Note: The availability and range of your device's Wi-Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

1. Touch Start > Settings > Connections.
2. Touch Wi-Fi. Detected wireless networks are displayed on the screen.
3. Touch the desired Wi-Fi network.

Note: If you selected an open (unsecured) network, you are automatically connected to the network.

If you selected a secured network, enter the security key and then tap "Done". You are then connected to the network.

Dial up connection

Set up a dial up connection to Internet service provider (ISP) on this device. You need to type in the phone number of ISP server and your user name and password.

1. Touch Start -> Settings -> Connection property page -> Connection.
2. Touch Internet to set "Add new modem connection" below.
3. In new connection page, enter the name of connection.
4. In "Select modem" bar, select telephone line, and then touch 'Next'.

5. Enter the phone number of Internet Service Provider (ISP) server, and then touch 'Next'.
6. Enter your user name, password and other information designated by ISP.
7. Touch 'Finish'.

GPRS connection

Using GPRS (or enhanced GPRS) to connect to Internet, you can receive/send pictures, etc via this network.

You need to apply to your service provider for GPRS service and check the speed rate of GPRS provided by service provider. The settings of China Mobile GPRS have been preset on this device, so you can use GPRS network. Please do not change the settings of GPRS to avoid service interruption.

If you need to add a new GPRS connection on this device, please ask your service provider to provide the name of access point. Please confirm whether the user name and password are needed.

1. Touch Start -> Settings -> Connection property page -> Connection.
2. Touch "Add new modem connection" in Internet settings.
3. In new connection page, enter the name of connection.
4. In select modem bar, select telephone line (GPRS), and then touch 'Next'.
5. Enter the name of access point, and then touch 'Next'.
6. Enter your user name and password.
7. Touch 'Finish'.

After you set up a data connection (GPRS or dial up) for this device, you can connect to Internet via this device.

When you open application program such as Internet Explorer Mobile to access the Internet, the connection will be activated automatically.

8.2 Internet Explorer

Internet Explorer Mobile is an Internet Brower with strong functions.

Internet Explorer Brower can connect your phone to Internet or network-based application programs.

1. Ensure that your SIM card support network functions. If you don't know whether SIM card has this function, please consult your network operator.
2. Please apply to network operator for providing and subscribing data service or GPRS service.
3. Set browser on your device correctly.

Note: WAP service needs network support. Please consult your network operator or the service provider who provides the required service for you for the availability, price and amount of tax of WAP service. The service provider will also provide you with description about how to use its service.

This phone can not only support general data call mode to connect Internet, but also conduct operations such as browsing Internet, under the support of GSM-network-based GPRS function, so as to fulfill stronger functions and make you keep closer connection with the whole world time.

Note: You can also add and set the following connection:

- VPN: Set up a VPN connection to visit your Intranet via the existing Internet.
- Agent: Set up an agent connection to visit your Intranet and WAP network via the existing Internet.

Activating Internet Explorer Brower

In standby interface, touch Start -> Internet Explorer option. After entering the browser, the system will connect main page automatically.

You can also enter the website you want to browse in the address bar on the top of screen, then touch icon , the system will connect the website.

If you want to stop browsing network, you can touch 'Stop' to disconnect the Internet.

Please refer to http://www.microsoft.com/windowsmobile/help/pocketpc/ browse internet. mspx for more information about Internet Explorer Mobile.

8.3 Internet sharing

Connect the phone to PC via USB data cable or Bluetooth, and then the phone will become an external modem to realize the function of browsing Internet wirelessly.

Note: • Ensure that the SIM card of device has been installed and the device has GPRS or dial up function. If the device doesn't set data connection, In Internet sharing page, tap Menu -> Connection Settings.

- If USB data cable is used for connection, you must install ActiveSync4.5 version or later version on the PC firstly.

- If Bluetooth is used for connection, please ensure that your PC has Bluetooth function. If your PC doesn't have Bluetooth function, you may use Bluetooth adapter on the PC to establish connection with this device.
- Before using Internet sharing, please disconnect the device with ActiveSync.
- Close the local connection of PC.

To set up your device as a USB modem

1. Touch Start -> Internet sharing.
2. Select USB in PC connection box.
3. In network connection box, select Internet connection used by your device.
4. Ensure that the device is connected to PC via USB data cable.
5. Then touch 'Connec'.

To set up your device as a Bluetooth modem

To make this device become the Internet connection device of PC, you need to activate Internet sharing on this device firstly, and then establish Bluetooth PAN Connection between device and PC.

1. Turn on Bluetooth and make this device be visible to other device.
2. Establish a Bluetooth binding through "Add new device"
3. Touch Start -> Internet sharing.
4. Select Bluetooth PAN in PC connections. In network connections, select Internet connection used by your device.
5. Then touch 'Connect'.
6. Establish a Bluetooth PAN on the PC between PC and this device.

If you're PC adopts Windows Vista system:

- Touch Start -> Control panel -> Network and Internet -> Network and sharing center.
- Touch "Manage network connection". Double click Bluetooth network connection in personal area network.
- In Bluetooth PAN Dialog box, select your device, and then touch Connect.

If your computer adopts Windows XP system:

- Touch Start -> Control panel -> Network connection
- In personal area network, tap Bluetooth network connection icon.
- Touch "View Bluetooth network device" under network task.
- In Bluetooth PAN Dialog box, select your device, and then touch Connection.

7. In Internet sharing page, check whether the connection status is displayed. If displayed, it expresses that your PC has connected to Internet via Bluetooth modem successfully.

8.4 Messenger

Phone MSN interconnect with Messenger on the PC. Using only one phone, you can chat with your friends on the MSN at any time. Phone MSN can add friends online; manage friend list and personal settings. It can not only send characters, but also capture and send photos and pictures at any time.

Before using phone MSN service, please ensure that your phone has activated GPRS function.

8.5 Windows Live

Windows Live is a web service platform, which provides various application services to computer of user, etc by Microsoft server via Internet. The provided contents include many kinds of application services related to Internet such as personal website setting, email, instance message and retrieval.

9 Experiencing Multimedia

9.1 Windows Media®

The built-in Windows Media® Player can play audio and video files on this device or memory card.

Video files it supports include: WMV/MP4

Audio files mainly include: WMA/MP3/WAV

If user wants to play other multimedia formats, please download and install relevant plug-ins, or download and install other multimedia player.

Windows Media® mainly has three screen display items.

1. Play file screen: Display play back control (e.g. play, suspend, last song, next song, volume, etc) and video play screen.
2. Playing screen: Display the play list of playing.

The list includes playing and play waiting files.
3. Media library screen: The default interface of Windows Media is Library; you can select files you want to play from different file categories. Tap [Back] button on the top right of screen to return the now playing interface.
Find your music, video file and play list quickly with this item. This item has four columns: my music, my video, my TV and my play list.
The contents on the bottom of screen will change according to three different screen display items selected above.

Playing video and audio files

In play interface, after touching 'Menu', the screen will display contents as shown on the right. The following functions can be used:

- Library: Enter media library quickly to view files.
- Play/Pause: Begin to play or suspend the current file.
- Stop: Stop playing the current file.
- Shuffle/Repeat: Select files in Shuffle or Repeat list.
- Full screen: Play video file or network video multimedia link (this function cannot be used when playing audio file) in full screen.
- Options: Set player. See description in Player settings for details.
- Properties: Display detailed information of the current play file.
- About: View the version of browser.

Playing screen

In play screen, touch Playing to enter playing interface. The playing file list or future play file list will be shown in the list. Touch 'Menu' to use the following functions: Library, Move up, Move down, Remove from play list, Shuffle Repeat, Save play list..., Clear Now Playing, Error details and Properties.

Using the media library

The audio and video files on this phone are stored in media library. You can view and select files in it and add them to play list.
If you want to view audio and video files stored in memory card, you need to touch the pull-down arrow on the left of Library and select Storage Card from the pull-down bar to view audio and video files in memory card.
In main interface of media library, touch 'Menu' to use functions in it to handle files in media library.

- Queue up: Only the files added to Playing play list can be played with Windows Media player.

When media library is updated and new file is added, if you need to add new file to play list, you need to search such file in corresponding media library folder, then select Queue up from 'Menu' to add this file to play list of Playing.
If you focus on folder of media library, select Queue up from 'Menu' so that all the audio or video files in this folder will be added to play list of Playing.

- Delete form Library: Move the focus to file that needs to be deleted. Select this item from 'Menu' so that the file will be deleted form list of media library and deleted from phone as well.
- Now Playing: If new play file is added to the phone, you need to select this item to display the file in media library folder with corresponding file type. Otherwise, you will never find this file from media library.

After selecting option, the system will search automatically. The retrieved file will be put in media library folder with corresponding file type.

- Library: You can play file directly in media library folder. In media library file folder, touch and hold the file you want to play, and then tap play from the pop-up menu, or touch Play on the lower right of screen to play it.
- Open file: If no file on player or memory card is listed in media library, select the object you want to play after selecting this option to enter, long press the object, then select to play it from the pop-up menu.
- Open URL: If you want to play network multimedia file, select this option to enter.

Player settings

In Windows Media player interface, select Options from Menu to set the player.
1. Playback: In this item, you can set different states occurred during file play process.

- Show time as: Set the time display format as Elapsed or Remaining.

2. Video: In this item, you can set screen display status of screen when the video is played.

- Play video in full screen: [Never] means that video file can be played only in window mode; [Only when oversized] means that the file can be played in full screen only when the file resolution is higher than screen resolution; [Always] means that the video file is always played in full screen mode.
- Scale to fit window: This function can be activated or deactivated. After activating his function, when the resolution of video file exceeds screen resolution, the video window can be zoomed out on the screen.

3. Network: In this item, you can change connection speed according to Internet connection type, so as to obtain better video and audio effect.
4. Library: In this item, you can set whether to activate player on media library screen.
5. Skins: In this item, you can select appearance of player.
6. Buttons: In this item, you can redefine buttons in Windows Media player. Move the focus to the operation key you want to modify, then touch [Assign] and press newly-defined button to complete settings follow the instructions.
Touch [Reset] to recover the default settings of system.

9.2 Camera

With the camera function of the phone, you can take photos and video clips conveniently.
1. Touch Start -> Camera to switch to viewing picture of camera.
2. Tap arrow button on the top-right screen to turn off camera.
Precautions when using camera:

- The camera on the phone is manufactured and installed using high precision sophisticated technique. Even so, bright or dark dot or line that is not easy to be removed may be shown on the screen. Please note that when you take a picture in dim light place, the number of impurity (e.g. white line, etc) in the picture will be increased obviously.
- The finger mark or grease on the camera may lead to difficult focusing or dim image, etc. So before taking photos, please clean the camera with soft rag.
- If your phone is placed in a place with high temperature for a long time, its image quality may be reduced.
- If you expose the phone under direct sunshine, the built-in color filter of phone will discolor and lead to discoloration of image.
- Try to avoid shaking your phone when taking pictures. Moving your phone when taking pictures will cause blurred picture. When taking pictures, please hold the phone closely and try to keep it still.
- If you take pictures toward strong light (e.g. sun, etc) directly, the image will be affected.
- The images you take should not be used for other purpose without the copyright owners' consent and should not run counter to the regulations of relevant copyright laws. Note that some images are subject to the restrictive provisions of captures such as stage performance, entertainment and exhibition, even though these captures are used solely for personal use.
- Please note that the images protected by copyright law are allowed to spread only within the scope prescribed in copyright law.
- Note that protect the personal privacy of others when you take photos with your phone camera.

9.3 Pictures and videos

With this function, you can view pictures and videos stored on the phone and memory card and set picture and video as wallpaper or send them to others.
After entering picture and video function, the preview list of all the pictures or videos stored in some folder of phone and memory card will be shown on the screen. Tap the desired picture or video to open it.

Functions in pictures or videos list

In picture or video list interface, touch 'Menu' option to perform the following functions:

- Send: Send the selected picture or video to other receiver by email.
- Beam: Send the selected picture or video to other memory by wireless Bluetooth.
- Save to Contact...: Set the selected picture as contact picture to display in detailed information interface of the contact
- Delete: Delete the selected picture or video.
- Edit: Edit the selected picture or video.
- Play Slide Show: Preview all the pictures in slide show mode.
- Set as Home Background: Set the selected picture as desktop background.

• Tools: View the details of selected picture or video. Adjust the size of picture when sending the picture, set the direction of rotation while viewing, visual effect of slide show, etc.

9.4 FM Radio

This device provides radio function.

The description of interface is as follows.

1. Touch to enter the previous frequencies
2. Touch once to increase 0.1MHz frequencies
3. Select the frequencies from frequencies list
4. Touch to enter the next frequencies
5. Touch once to reduce 0.1MHz frequencies.
6. Turn on/off the loudspeaker to play sound
7. Turn on/off the radio

Note: Within doors or shielded environment, the receiving effect of radio may be affected. You can improve the effect in the following ways: Near window, adjust the position of earphone cable or adopt manual adjustment.

Android OS

1 Starting up your device

1.1 Getting to know your touch phone

Use the control buttons on your phone to do the following:

Power key: Press POWER to lock the screen and put the phone to sleep, press again to wake up the screen and you must slide the lock icon rightward to unlock the screen.

Press and hold POWER to open the phone options menu, from which you can power off, put your phone in silent mode or airplane mode.

Home key: Press HOME to return the screen to select as below:

• Select 'Home' to return to the Home screen from anywhere on your phone.

• Select 'Launcher' to bring up the recent applications window.

Menu key: Press MENU to open a list of actions you can take on the current screen.

Back key: Press BACK to go back to the previous screen, or to dismiss a dialog box or menu.

OK key: Press OK to select a highlighted item or action.

Search key: Press to skip the search box to search the information on the currently screen or application.

Volume key: Press either + or – to open the sound volume controls. Volume is controlled separately for the incoming call ringer and audio/video files:

- If you are on a phone call when you press the volume controls, the Ringer volume slider will open.
- If you are listening to an audio or video file when you press the volume controls, the Media volume slider will open.

While an incoming call is ringing, press either the + or – volume control to immediately silence the phone. The caller will continue to hear the ringing until you answer the call.

To put your phone in "silent mode" quickly, press & hold the – volume control.

Camera key: In photo preview screen, press this key to take the photo.

1.2 Starting up the device

Silent mode

To silence your phone quickly, press & hold the – volume button to zero volume. Or on the Home screen, then touch and select Settings > Sound & display. Select 'Silent mode' check box.

Or on the lock screen, slide the ring icon leftward to switch the silent mode.

Screen sleep

After a period of inactivity, your screen will go to sleep (display will turn black). In sleep, your phone uses less battery power. You can control this behavior:

Set screen timeout period

1. On the Home screen, then touch and select Settings.
2. Select Sound & display option.

3. Scroll down to the Display settings section and select Screen timeout. Select a time from the menu.

Prevent sleep while charging

1. On the Home screen, then touch and select Settings.
2. Select Applications, then Development.
3. Select 'Stay awake' check box.

Lock screen & put phone to sleep

Except when on a phone call, from any screen, press POWER (immediately). While not on a call, to lock your control buttons and screen from accidental touch activation, press POWER.

You can increase the security of your phone by setting a screen unlock pattern. Once set, in order to unlock your screen, you'll have to draw the correct unlock pattern. You can set your screen unlock pattern as follows:

1. On the Home screen, then touch and select Settings.
2. Select Location & security, then scroll down to the Screen unlock pattern section.
3. Select 'Require pattern' check box.
4. Set or change your unlock pattern by selecting either Set unlock pattern or Change unlock pattern, as applicable.
5. Follow the prompts to define your pattern. Note: You must slide your finger along the screen to create the pattern, not select individual dots. Connect at least four dots.

When you unlock your screen, if you want your pattern to be hidden as you draw it, clear 'Use visible pattern' check box.

Home screen

The Home screen is your starting point for using all the applications on your phone. You can customize your Home screen to display applications, shortcuts, and widgets as you like.

Wherever you are, whatever you're doing on your phone, simply press the HOME key and select 'Home' to return to the Home screen.

1. Touch or drag the application tab ( ) with your fingertip to reveal/hide the application icons.
2. The Home screen actually extends beyond the screen width. On Home screen, slide your fingertip left and right along the screen to reveal the full width of the Home screen. This additional space gives you more room to customize Home with applications, shortcuts, and widgets.
3. Create Home screen shortcuts and widgets:

• From the Home screen, press MENU to select 'Add', The Add to Home screen menu opens.

• Select an Application shortcut, a Shortcut to some of your saved information (such as a play list), a Widget (a clock or picture frame), Folders or Wallpapers for your Home screen.

• The application, shortcut, folder, or widget appears on the screen. If you selected Wallpaper, you'll be asked to select a picture.

Tip: To create an application shortcut quickly, touch the application tab to reveal all the application icons, then touch & hold an application icon. Its shortcut is added to the Home screen; close the application tab to see it.

4. To remove a shortcut or widget from your Home screen, touch & hold the item to enter "move mode". The application tab turns into a Trash button. Drag the item to the Trash button and release. You'll know when your item is in the Trash because the item and the tab will turn red.
5. Move objects on the Home screen

• To move an icon or other item on the Home screen, you must first touch & hold it to enter move mode. The object will magnify when it's ready to be moved.

• Without lifting your finger (or you'll drop out of move mode), drag the object to the new position. To move an item to a section of the Home screen not in view, move it to the edge of the screen and hold it there for a moment. The screen view will shift; position the object and release.

1.3 Status Icons

Connection status icons

Along the top of your phone screen is the status bar. On the left side, icons will appear, notifying you of a new message, upcoming calendar event, or something else you should notice. On the right side of the status

bar, you'll see connection status icons.

	New email message		Sign-in/sync error
	New SMS or MMS		GSM signal, roaming, no signal
	New voicemail		GPRS service connected, data flowing
	Song is playing		Edge service connected, data flowing
	Ringer is off (Silent mode)		Wi-Fi service connected, network available
	Call in progress		Battery charge indicators: full, half-full, low, very low!
	Missed call		Battery is charging
	Call on hold		Wireless services are off (Airplane mode)
	Speakerphone is on		Bluetooth® is on, Bluetooth device connected
	Phone on mute		No SIM card in phone
	Ringer on vibrate only		Alarm is set
	Connected the PC		Connected GPS

Read your notifications

When you see a notification in the status bar, touch the bar and slide your finger down the screen to open the list of notifications displayed in the sliding window.

Ongoing notifications report activities such as call forwarding ON, current call status, song playing.

Notifications report the arrival of new messages, calendar events, and alarms. You can clear notifications list by selecting 'Clear' notifications at the top of the notifications window.

To open the message, reminder, or other notification, touch the items. To close the notifications window, slide your finger up the screen.

2 Using phone features

2.1 Turning the phone function on and off

To enable or disable Airplane Mode

In many countries, you are required by law to turn off the phone while on board an aircraft. Another way to turn off the phone function is to switch your device to Airplane Mode.

When you enable Airplane Mode, all wireless radios on your device are turned off, including the phone function, Bluetooth, and Wi-Fi.

1. Touch -> Settings -> Wireless & networks -> Airplane mode

2. Touch 'Airplane Mode' to enable or disable.

When you disable Airplane Mode, the phone function is turned back on and the previous state of Bluetooth and Wi-Fi are restored.

Adjusting the volume

Press Volume button to show the volume screen.

If the phone is in vibrating mode, the voice will be muted automatically and the device will vibrate when

there is an incoming call.

2.2 Making a call

On Home screen, touch -> Phone to enter the dial screen.

Touch the on-screen dial pad to enter a number, touch 'Delete' button to delete numbers you've entered. Touch & hold to delete all the numbers in the field.

To dial a number, touch 'CALL' button (Green icon). To end a call, touch 'END' button (Red icon).

1. Call log tab: Select an entry listed in the log to call the number.
2. Contacts tab: Contacts with phone numbers are listed. Select a contact, and then select the phone number to dial the call.
3. Favorites tab: Favorite contacts with phone numbers are listed. Select a favorite, and then select the phone number to dial the call.

Calling voice mail

Number 1 is generally reserved for your voice mail. Tap and hold this button on the Phone screen keypad to call voice mail and retrieve your voice mail messages.

2.3 Answering and Ending a call

When you receive a phone call, the incoming voice call screen will appear, allowing you to either answer or ignore the call.

1. To answer an incoming call, slide 'ANSWER' (Green icon) button rightward.
2. To reject a call, slide 'REJECT' button (Red icon) button leftward.

2.4 In-call options

While on a call, reveal the in-call options: Speaker, Mute, Hold, End and More.

Note that if Bluetooth services are on and you are connected to a hands-free device, the more menu indicator will show Bluetooth on.

1. Speaker: To use the speaker, select 'Speaker' so it shows a green bar. To turn it off, select it again so the bar is unfilled. The status bar will display this icon when the speaker is on.
2. Mute: To mute your side of the conversation, select 'Mute' so it shows a green bar. To turn it off, select it again so the bar is unfilled. The status bar will display this icon when Mute is on.
3. Hold: To put an active call on hold, select 'Hold' so it shows a green bar. To resume the call, or take the call off hold, select it again so the bar is unfilled. If you take a call while already on a call, the first call will be placed on hold automatically. The status bar will display this icon when a call is on hold.
4. Add call: If you need to enter numbers while on a call, touch 'More' tab and select 'Add call'.
5. Incoming call: During call in progress, if you are on a call ("call in progress") when another call comes in ("incoming call"), you have a few choices:

• Answer the incoming call and place the call in progress on hold. To switch calls at any time, touch 'More' button to select 'Swap calls'.

• If you don't want to interrupt your call in progress, then slide 'END' leftward.

• If you have one call in progress and one caller on hold, to end both calls, touch 'More' button to select 'End all'.

6. While on a call, you can conference up to six callers, counting yourself. Note that you can also have an additional caller on hold during a conference call, regardless of how many participants are on the conference.

Note: Whether the group call function can be used depends on whether the network operator supports and provides such function as well as whether you have applied for such function. Please contact network operator for details.

2.5 Using call history

1. The missed call icon appears in the title bar when you missed a call.

2. Use 'Call log' tab to check who the caller was, or view all your dialed numbers, and received calls. To open 'Call log' tab, touch 'Call log' button in the phone screen to enter the call history list.
3. Scroll to select the contact or number you want to dial, touch 'Call' button.
4. Tap and hold the selected contact you want to call, and then you can make to do the following options of call, edit number before call, send text message, add to contacts or remove from call log phone on the shortcut menu.

3 Setting on your device

Control phone-wide settings from the Home settings screen: touch and select Settings.

3.1 Wireless controls

Wi-Fi on/off: Select this check box if you prefer to use Wi-Fi for your data connection.

Wi-Fi settings: Open the Wi-Fi settings screen; select it from the network list. Provide your username or password if required.

Bluetooth on/off: Use this check box to turn Bluetooth services on or off.

Bluetooth settings: With Bluetooth services on, you can open the Bluetooth settings screen to:

- Rename your device.
- Select to be discoverable for up to 120 seconds, or not discoverable.
- Pair or unpair with one of the Bluetooth devices in range - You will be asked to type a PIN before pairing.

Refer to the manufacturer's documentation for the PIN code.

- Rescan for devices.

Airplane mode on/off: When airplane mode is selected, all wireless connectivity is off. This icon will display in the status bar when airplane mode is selected.

Mobile network

- Select data roaming capability.
- Select to connect only to 2G (slower) networks to save battery power.
- Select a wireless operator network - Scan for all available networks, or select a network automatically.
- Add or edit network Access Point Names (APNs) - Do not change this setting unless advised to do so by your wireless operator!

3.2 Call settings

Note that when you open 'Call settings', your current settings are fetched, which can take a few moments.

Fixed Dialing Numbers: This feature allows you to restrict outgoing calls to a fixed set of numbers. To enable this feature you must know the SIM PIN2 code for your phone. You can get this number from your wireless operator, assuming this feature is supported.

Voicemail service: Select to set a voicemail number that isn't being read from the SIM card.

Call forwarding: Select how you want busy, unanswered, and unreachable calls to be handled. There is also an option to Always forward.

Call barring: Restrict to answer or dial the call in any situation. You need to apply to the network operator for opening the international long-distance function and get network restricting code for barring setups.

Call cost: View Last call cost and Total cost, or Reset cost. You may also set Max cost and Price per unit for budgeting purposes (the two functions require PIN 2 and network support).

Additional settings: From this setting you can set your Caller ID preference and turn on/off call waiting.

Operator selection: Select a wireless operator network - Scan for all available networks, or select a network automatically.

Cell broadcast message (supported by the network): Set and activate receive of local information broadcast from the network. Choose whether you want to receive information broadcast from your network such as weather forecast, traffic update, news, and taxi service info.

Please contact your local network operator for more details.

3.3 Basic phone settings

Sound settings

Silent mode: Select silence to your phone.

Ringer volume: Select to open the volume control, and then slide your finger along the volume bar to set an incoming call ring volume.

Media volume: Select to open the volume control, and then slide your finger along the volume bar to set the volume for playing back music, videos, or voice recordings.

Phone ring tone: Select to decide on a ring tone to use for incoming calls. Note that you can override this setting for individual contacts in the Edit contact details screens.

Phone vibrate: Select to have your phone vibrate for incoming calls.

Notification ring tone: Select a ring tone to use for a notification (e.g., new message). Note that you can override this setting for new Calendar event notifications and new Gmail, text and multimedia message

notifications. Go to the applications' settings screens to select specific ring tones.

Audible touch tones: Select to have a tone sound when you use the on-screen Dialer.

Audible selection: Select to have a sound play when you select an item on the screen either using touch.

Display settings

Brightness: Select to open the brightness control, and then slide your finger along the brightness bar to set the level. In sunlight, increase the level.

Screen timeout: Select to decide how long your phone must be inactive before the screen turns off.

Security & location

My Location: Select a source for determining your location: Wireless networks, or GPS satellites. Typically GPS will be more accurate (to street level) but it consumes more battery power.

Screen unlock pattern: Create a pattern you will be asked to draw before your screen will unlock. You can select to make the pattern visible or invisible as you draw it.

SIM card lock settings: Lock your SIM card for extra security. You can also change your SIM card PIN from this screen. If you don't know your SIM PIN, you can obtain it from your wireless operator.

Visible passwords: Select to have your password display as you type it.

Applications

Unknown sources: Select this check box if you want the ability to download applications from the Web. With this check box not selected, you will only be able to download applications from Android Market. To ensure your personal data and phone remain secure; it is recommended you not select this check box.

Manage applications: View all the applications stored on your phone and how much space they occupy. If you've downloaded an application from Android Market, you can uninstall it from this screen. Select a specific application to: 1. Clear your user data (if you have any associated with a particular application). 2. Disassociate the application with any actions. 3. Uninstall - If you've downloaded an application from Android Market, you will be able to uninstall it from this screen by selecting Uninstall.

Development: If you are an application developer, you may be interested in these settings: 1. USB debugging: If you want be able to communicate with your phone directly via USB, select 'USB debugging' check box. 2. Stay awake: To prevent your phone from sleeping while charging (via power adapter or USB), select 'Stay awake' check box.

Accounts & sync

Read more in "Data synchronization" on page 17.

Turn on/off synchronization for all services.

Privacy

You can select to reset your phone to factory settings. This will erase all your data from the phone and require you to sign in and go through the setup screens to use any of the applications.

SD card& phone storage

View and manage the data storage on your phone.

Memory card: Monitor and manage the use of your Memory card from this screen: 1. View how much space you are using on your memory card. 2. Select to use your memory card as USB mass storage when your phone is connected to your computer (selected by default) 3. Unmount/eject your memory card from your phone. Note that when your phone is connected to your computer via USB, you cannot view pictures or play any media stored on the card from your phone.

Internal phone storage: Reports how much internal storage is free.

Date & time

Set time, time zone, and date: Use Automatic unless you need to override the network values.

Time format: Select from 12 or 24 hour formats.

Date format: Select from a variety of formats.

About phone

View your phone Status: This screen lists a variety of information, including your phone number, the network you are currently using, the type of network, signal strength, whether you are roaming or not, any Wi-Fi addresses you're connected to, and more.

View the model number and version information for your phone.

4 ActiveSync

4.1 Data synchronization

Some Google applications on your phone (Gmail, Calendar, and Contacts) give you access to the same personal information that you can add, view, and edit on your computer using Google Web applications. This means that when you add, change, or delete your information in any of these applications on the Web, the updated information also appears on your phone, and vice versa. Also, if you lose your phone or if your phone is destroyed, your personal information is not lost and will appear, as before, on a replacement phone.

This mirroring of information happens through over-the-air data synchronization, or data "syncing". Data syncing occurs in the background and shouldn't ever get in your way. You'll know your data is being synchronized when you see this icon in the status bar:

Because sending large amounts of data back and forth over the air can take time and require considerable bandwidth, there are some settings on the phone that allow you to control data sync.

Sync by application

To control synchronization for Gmail, Calendar, and Contacts, do the following:

1. On the Home screen, then touch [redacted] and select Settings.
2. Select Accounts & sync. When any of the applications are synchronizing, you will see the "sync" icon You will also see the last time your data was synchronized.
3. By default, the personal information in Gmail, Calendar, and Contacts will sync whenever you make a change or receive a new message. You can change this behavior:

Auto-sync: When selected, Auto-sync will sync Gmail, Calendar, and Contacts automatically, as you make changes or receive new messages. When OFF, information will not be synced automatically, although you can force sync by using the individual application check boxes described below.

Gmail: Clear this check box to exclude Gmail from auto-sync.

Calendar: Clear this check box to exclude Calendar from auto-sync.

Contacts: Clear this check box to exclude Contacts from auto-sync.

4. Sync problems:

If you see this icon to the left of the sync check box, then there was a temporary problem with the data synchronization. Check your data connection and try again later.

4.2 Bluetooth

Your phone is equipped with Bluetooth® wireless technology Specification 2.0. You can use Bluetooth to send and receive calls using a headset or hands-free car kit.

Turn on Bluetooth services

1. On the Home screen, then touch [redacted] and select Settings.
2. Select Wireless & networks, and then select 'Bluetooth' check box to turn on Bluetooth services.
3. When on, the Bluetooth icon appears in the status bar.

Discoverability

By default, your phone is not "discoverable". This means other Bluetooth devices will not see your phone in their scans for Bluetooth devices. If you make your phone discoverable, it will be visible to other Bluetooth devices for up to 120 seconds.

To make your phone discoverable:

1. Make sure you have turned Bluetooth on.
2. Select Settings > Wireless & networks> Bluetooth settings.
3. Select 'Discoverable' check box to make your phone visible to other Bluetooth devices for 120 seconds. You must stay on the Bluetooth settings screen to remain discoverable.
4. Select 'Discoverable' again during the 120 seconds, or leave the Bluetooth settings screen, to make your phone undiscoverable.

Name your Bluetooth device

1. Make sure you have turned Bluetooth on.
2. Select Settings > Wireless & networks> Bluetooth settings > Device name.

3. Type the name for your device in the dialog box, and then select 'OK'.
4. Your new device name appears on the Bluetooth settings screen.

Pair & connect with Bluetooth devices

Before your phone can communicate with a Bluetooth headset or hands-free car kit, the devices must "pair", then "connect":

1. Make sure you have turned Bluetooth on.
2. Select Settings > Wireless & networks> Bluetooth settings.
3. Your phone starts scanning for Bluetooth devices within range. As they are found, the devices appear in the list of Bluetooth devices.
4. To pair with a device in the list, select it.
5. Type the device's PIN, and then select 'OK'. (Read the manufacturer's documentation if you don't know the PIN.)
6. Once paired, select the device name to connect. You can also touch & hold the name to open the context menu, and then select Connect.
7. Pairing and connection status appear under the device name.
8. Once the other Bluetooth device shows "connected" status, you can start using it to make and receive phone calls.
9. To disconnect or unpair with a device, touch & hold the device to open the context menu. Select Disconnect or Unpair, as appropriate. If you select 'Unpair' when connected, you will be disconnected as well.

Notes: The phone supports only the headset and hands-free Bluetooth profiles, so if you try to connect to a device that is not a headset or hands-free car kit, then you will receive an "unable to connect" message.

If you pair with a second headset while connected to the first, the first headset will remain connected. To switch connection to the second headset you must manually select that headset again after pairing.

Rescan for Bluetooth devices

If you want to update the list of Bluetooth devices, press MENU and select 'Scan for devices'.

5 Contacts

The contacts on your phone are synced with your Google account contacts stored on the Web.

To view the contacts on your phone, touch [redacted] and select Contacts.

Contacts belonging to a specific group (you can choose which group) are listed in the Contacts tab. Only those contacts you star as "favorites" are listed in the Favorites tab. If your contact is online and if you are signed in to Google Talk, their online status as well as their first-labeled number will appear under their name.

Browse through your contacts by sliding your fingertip up and down on the screen. Another way to find a contact quickly is to use "SEARCH" button. As soon as you press "SEARCH" button, the quick search tab appears on the top of the screen, input the first letter of the name you're looking for and touch search icon, the matching contacts are appeared on the screen.

From the Contacts tab, you can:

1. Take action on a contact: Touch & hold the contact's name to open the context menu. From the menu you can select to view the Contact details screen, call the contact's number, send a text message, add or remove a star, edit the contact details, or delete the contact.
2. Go to Contact details: Select the contact's name to open the Contact details screen, where all screen the information you've saved for this contact is displayed.

Add a contact

1. On the Home screen, then touch [redacted] and select Contacts. Your contact list appears.
2. Press MENU and select 'New contact'.
3. Add all the information you want to store for this contact in the appropriate fields. You must add some information to save a contact. To change a default label, select the label name to open the label menu. Select a different label or create a custom label. To add more fields, select + More info.
4. Assuming you have memory card inserted with pictures on it, you can assign a Caller ID icon to your contact by touching Caller ID icon. The Pictures application opens. Navigate to a picture and select it, size the cropper with your fingertips. When finished, select 'Save'. The picture is associated with your contact.

If you do not assign an icon, a default android icon will be assigned. Note: Email addresses are automatically added to Contacts each time you use the Reply, Reply to all, or Forward functions in Gmail to send messages to addresses not previously stored in Contacts.
5. To save your contact, press BACK, or touch 'Done'.

Assign favorites

Use Favorites as a way to display only those contacts you contact most frequently. To add a contact to Favorites:
1 From Contacts, touch & hold the contact you want to add to Favorites. The context menu opens.
2. Select 'Add to favorites'.
3. Now your contact will be listed in Favorites. Their details screen will also display the colored star.

Edit contact details

You can always make changes to the information you've stored for a contact:
1. From Contacts, touch & hold the contact whose information you want to edit. The context menu opens.
2. Select 'Edit contact'. The Edit contact screen appears.
3. Make your edits, then press 'Done'.

Communicate with a contact

From Contacts you can quickly call or text a contact's default number, as displayed below their name on the screen. However, to view all the information you've stored for a contact, and to initiate other types of communication with that contact, open the Contact details screen. To open a contact's details screen, simply select their name from Contacts.
1. Call a contact: From the contact list, touch & hold the contact you want to call. Select 'Call contact' to dial that contact's primary number (first in the list on their details screen).
2. To dial a different number for the contact, select the contact's name, and then select the number on their details screen and then touch 'CALL' icon.
3. Send a text or multimedia: To send a text or multimedia message to a contact, you must have a message to a contact mobile number stored for them in contact details. From the Contact details screen, select a phone number and click 'Message' icon, A Compose screen opens for your new message. Complete your message and select 'Send'.
4. Send email to a contact: To send an email message to a contact, you must have an email address stored for them in their contact details.
• Select the contact you want to email. Their Contact details screen opens.
• In the Send email section, select the email address. If you are fetching POP3 or IMAP email accounts to your phone, then select the account you wish to use to send. A Compose screen opens for your new message.
• Complete your message, select 'Send'.

SIM contacts importer

If you have stored names and phone numbers on your SIM card, you can add these to the Contacts stored on your phone by selecting this settings option. From the contact list, press MENU to select 'Import/Export', you can select to import from SIM card or memory card, once the list of names and numbers appears you can:
Import all names/numbers in the list - Press MENU and select 'Import all'.
Import only certain names/numbers in the list - Select the name/number you want to import, then repeat for others as you wish. (As soon as you select the name/number, it is imported.)

6 Exchanging Messages

6.1 SMS and MMS messaging

To open the SMS & MMS Messaging application, on the Home screen, then touch and select the Messaging icon.

About text and multimedia messages

SMS messages are also know as "text" messages and can each be around 160 characters. If you continue to type after the limit is reached, your message will be delivered as one, but count as more than one message. These are called "concatenated" messages.
MMS messages are also known as "multimedia" or "picture" messages and can contain text, picture, audio,

and video files.
When you compose a message, the phone will automatically convert a text message into a multimedia message as soon as you add a subject or an attachment, or if you address the message using an email address rather than a phone number.

View the message from the message list

Select a message thread in the list to open it for reading. When open, the individual messages appear stacked on the screen, much like with instant messaging conversations (or chats).
Note that messages you send are also listed in the Read view.
1. Reading multimedia messages
If you have selected to auto-retrieve your multimedia messages, then both the message header and body will download.
If you are downloading only the headers, then you must first select the Download button to retrieve the message body. If you are concerned about the size of your data downloads, you can check the message size before you download.
Once the message has downloaded, select the "play" button to view the message.
From a message read view, you can do the following:
1. To view details about a particular message, in the Read view, touch & hold the message to open the context menu. Select View message details.
2. Reply to a message: Simply start typing your message in the text box at the bottom of the screen to reply to a message. You can always press MENU and select to add a subject or an attachment to convert it to a multimedia message. Select 'Send' when ready.
3. Links in messages: If a message contains a link to a Web page, it will be selectable. To view the Web page in the Browser, simply select it.
4. Delete messages: Your messages will be saved until you explicitly delete them.
Delete one message in a thread - With the message thread open in Read view, touch & hold the individual message you want to delete to open the context menu. Delete all messages in a thread - With the message thread open in Read view, press MENU > Delete threads. You can also delete an entire thread from the message list by pressing & holding the thread to open the context menu, then select 'Delete'.
Delete all message threads - From the message list, press MENU and select Delete threads.

Compose text and multimedia messages

1. Press MENU and select 'Compose'. The Compose screen opens.
2. Add recipients by typing a name, phone number, or email address in the 'To' field. Matching contacts will appear. Select the recipient or continue typing. Add as many recipients as you wish. If you send the message to an email address, the message will automatically convert from a text to a multimedia message.
3. To add a subject, press MENU and select 'Add subject'. If you add a subject, the message will convert to a multimedia message.
4. To add an attachment, press MENU and select 'Attach'. Adding an attachment will always convert the message to a multimedia message. Select from audio or picture files. You can select to take a new picture if you want, or record an audio file. Any recordings you make will be stored automatically in the Music application in a play list named "My recordings". To remove an attachment, select the attachment's 'Remove' button.
5. Type your message. As you type, you'll be able to track how many characters/messages you're creating. Remember that text messages have a limit around 160 characters. Once you go over that limit, a new message is actually created but automatically joined into one when received.
6. Select 'Send' when ready. You can also save a draft.
7. As your message sends, progress displays in the title bar. If you see this icon to the right of the message, it means your message is still being delivered.

Save message as draft

While composing, press BACK, your message automatically saves as a draft.

Text and multimedia message settings

To set text and multimedia message preferences, from the message list, press MENU and select 'Settings'.
You can set the following from this screen:
1. Notification settings
You can receive a notification each time you receive a new message.

Select 'Notifications' check box to receive a notification in the status bar when a new message arrives. If you want your phone to ring when a new message arrives, select that check box as well. Select Ring tone to open the ring tone menu and select a ring tone specific to new text and multimedia message notifications. Note that when you check a ring tone, it plays briefly.

If you want your phone to vibrate when you receive a new message, select 'Vibrate' check box.

2. Text message settings

Delivery reports: To receive a report on the delivery status of your message, select this check box.

Manage SIM card messages: Text messages can also be stored on your SIM card. The exact SIM card number depends on your card, but it is usually around 25-50. To view messages on your SIM card, delete them, and copy them to your phone memory, select this setting.

3. Multimedia message settings

Delivery reports: To receive a report on the delivery status of your message, select this check box.

Read reports: To receive a report on whether each recipient has read or deleted the message without reading it, select this check box.

Auto-retrieve: To retrieve all your MMS messages automatically (the header plus the message will download to your phone), select this check box. If you clear this check box, then only the message headers will be retrieved and display in your message list. You can retrieve the full message by selecting the Download button that displays in the header. Once the message has downloaded, select the "play" button to expand the message.

Roaming auto-retrieve: If you are concerned about data traffic and just want the message headers to download while roaming, clear the Roaming auto-retrieve check box. Otherwise, you can select this check box to have your messages download even while roaming.

6.2 POP3 and IMAP email accounts

Add an email account

You can fetch messages from up to five POP3 or IMAP accounts. Follow these steps:

1. Press Home, then select the Email application.
2. The Set up new account screen appears.
3. Type your account email address and password.
4. If you want, select the Send email from this account by default check box. This setting only applies if you have more than one POP3 or IMAP account set up.
5. Select 'Next'.

If you have a popular email account, the application will set everything up for you! Before you go to your Inbox, you can name the account (if you don't, your email address will be used). You are also asked to type your name as you want it to display on outgoing messages. You must complete this field before you can select 'Next' and go to your Inbox.

For less popular accounts, follow the prompts to type the email server, protocol, and other account information yourself. After your account settings have been verified, select 'Next' to go to your Inbox.

6. To add more accounts (up to five), from an Inbox or your Accounts screen, press MENU and select 'Add account'.

Use your POP3 and IMAP email account

Once you've set up an account, you can do the following:

1. Refresh Inbox: From the Inbox, press MENU and then select 'Refresh' to update your Inbox with any previously-unfetched email.
2. Read email: You can display or collapse the messages in your Inbox by selecting Inbox. Unread messages display with a colored band. (Each account you add will use a different color.)
3. Forward, Reply, Reply all: You can forward, reply, or reply all to an email message from the Inbox. From the Inbox, touch & hold the message to open its context menu. Select the action you want to take.
4. Compose new

From the Inbox: 1. Press MENU and select 'Compose'. 2. Add recipients by typing a name or address in the 'To' field. Matching contacts will appear. Select the recipient or continue typing the address. Add as many as you wish. 3. Type a subject and message. 4. Select 'Send', 'Save as draft', or 'Discard'. Pressing BACK will also save as draft unless you have not typed anything.

5. Delete message

From the Inbox: 1. Expand the Inbox to display the messages. 2. Touch & hold the message you want to

delete. 3. Select 'Delete'. 4. Your message is moved to the Trash.

6. Empty Trash: Once you've moved a message to the Trash, to empty messages in the Trash you must delete each message individually. Press MENU and select 'Folders' to enter the Trash.

Note that the message is only deleted from your phone, not from the account server.

7. Remove an email account: You can always remove a POP3 or IMAP email account from your phone. Go to your Inbox, press MENU and select 'Accounts'. Your Accounts screen opens. Touch & hold the account you want to remove to open the context menu. Select 'Remove account'. You will be asked to confirm before the account is removed.

Edit account settings

To open your Account settings screen, do the following:

1. From your account Inbox, press MENU and select 'Account settings'.
2. The Account settings screen appears. You can do the following from this screen:

Account name: Select to change the name of your account as it appears on your Accounts screen.

Your name: Select to change your name as it appears in outgoing email.

Email check frequency: Select this pop-up menu to set how frequently your email account is checked for new messages. Note that whenever you open a folder, email is refreshed, regardless of this setting.

Default account: If you have more than one POP3 or IMAP email account set up on your phone and want to use this account by default when selecting Compose from the Accounts screen, select this check box.

Email notifications: If you want an icon to appear in the status bar when a new message arrives, select this check box.

Incoming server settings: Select Incoming settings if you need to edit the username/ password, server, port, or option to delete email from server.

Outgoing server settings: Select Outgoing settings if you need to edit the SMTP server, port, security type, option to require sign-in, or username/password.

Add another POP3 or IMAP

To add another account (you can add up to five), go to your Inbox, press MENU and select 'Accounts'. Your Accounts screen opens.

Press MENU and select 'Add account' another account.

7 Internet

7.1 Ways of Connecting to the Internet

Your device's networking capabilities allow you to access the Internet or your corporate network through Wi-Fi, GPRS/3G, or EDGE (if available).

You can also add and set up a VPN or proxy connection.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 100 meters (300 feet). To use Wi-Fi on your device, you need access to a wireless access point or "hotspot". Note: The availability and range of your device's Wi-Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

7.2 Browser

To open the Browser, touch and select the Browser icon.

The Browser always opens to the last Web page you were viewing. The first time you enter the Browser after powering on, your home page will display.

You can change your home page by pressing MENU and selecting More > Settings > Set home page.

Zoom and navigation in Web pages

While viewing a Web page, you can press MENU and select More > Settings > Default zoom to set the zoom controls.

Slide your fingertip in any direction to shift your page view.

The Browse screen

From the Browse screen you can do the following:

1. Go to a Web page: Make sure the focus is not on a text box and then start typing the URL.
2. Add a bookmark: Bookmark the Web page you are currently viewing:

• Press MENU and select 'Bookmarks'.

• From the Bookmarks screen, select 'Add'.
• Confirm the URL and name, and then select 'OK'.
To view all your bookmarks, press MENU and select Bookmarks.
3. Refresh a Web page: To refresh the contents of the current page, press MENU and select 'Refresh'.

Open pages in separate windows

You can keep more than one Web page open by using multiple windows to display the pages. You can open up to eight windows.
Open a new window: From a Web page, press MENU and select 'Windows'. The Current windows screen opens, showing the Web page you started from, plus a "new window". Select 'New window'. Your home page opens in a new window. To return to one of the other windows, press MENU and select 'Windows'. Select the page you want to view.

Manage bookmarks

You can store as many bookmarks as you want on your phone.
Press MENU and select 'Bookmarks'. The Bookmarks screen opens.
1. Bookmark any page: Select 'Add'. Type a name and location (URL) in the dialog box. Select 'OK'.
2. Send bookmarked page's URL: Touch & hold the bookmark you want to open. The context menu opens. Select 'Share link'. An email Compose screen opens with the URL as the message. Address your message and finish composing and select 'Send'.
3. View bookmarked page: Touch & hold the bookmark you want to open. The context menu opens. Select View page or Open in new window.
4. Edit bookmark: Touch & hold the bookmark you want to e open. The context menu opens. Select 'Edit bookmark'. The edit bookmark dialog box opens. Type your change and select 'OK'.
5. Delete a bookmark: Touch & hold the bookmark you want to open. The context menu opens. Select 'Delete bookmark'. You will be asked to confirm.
6. Bookmark current page: Go to a Web page you want to bookmark. Press MENU and select 'Bookmarks'. The Bookmarks screen opens. Press MENU and select Bookmark last-viewed page. The Bookmark link dialog box opens. Confirm or edit the information, then select 'OK'.

Set your home page

You set your home page from the Settings screen:
1. Press MENU and select More > Settings. The Settings screen opens.
2. In the Page content section, select 'Set home page' to open the dialog box.
3. Type the URL of the page you want to set as home, and then select 'OK'.

Download Web files and applications

Before you download any files or applications using the Browser, note the following:
1. Before you can download Web applications, you must explicitly "allow" downloading from the Home > Settings screen:
On the Home screen, then press and select Settings. Select 'Applications', then on the Application settings screen, select 'Unknown sources' check box.
2. All items downloaded form the Web are stored on your memory card, so be sure you have a card installed in your phone before you download from the Browser.
3. The Browser will only allow you to download items that are supported by an application installed on the phone.
Warning! Applications downloaded from the Web can be from unknown sources. To protect your phone and personal data, only download applications from sources you trust, such as Android Market.

View your downloads

To see which files or applications you've downloaded:
1. From the Browse screen, press MENU and select More > View downloads.
2. The Download history screen appears with the list of downloads. If you have no downloads, nothing will be shown on this screen.

Browser settings

To set Browser preferences from the Browser screen, press MENU and select More > Settings.
1. Page content settings
Text size: Select to open the Text size menu. Default setting is Normal, but you can increase the size to Larger or Largest, or decrease to Smaller or Smallest. Note that this text size setting only affects pages you

view through the Browser.
Block pop-up windows: Select this check box if you want pop-up windows to be blocked.
Load images: Select this check box if you want images on Web pages to load. For faster page loading, clear this check box.
Auto-fit pages: Select to size pages to the screen automatically.
Open in background: Select if you want links to new pages to open in a new window in the background.
Set home page: Your currently-set home page is shown on the Settings screen. To change your home, select Set home page, type the URL for your home page, then select OK.
2. Privacy settings
Select one of the privacy settings to clear the following:
Browser cache: Browser page-visited history stored cookie data saved form data
Accept cookies: Select this check box if you want the Browser to save cookies. Some Web sites might not work properly with cookies disabled.
Remember form data: Select this check box if you want the Browser to remember text you have typed in forms, so that you can select the same text later rather than retyping it.
3. Security settings
Remember passwords: Select this check box to save usernames and passwords to various Web sites.
Clear passwords: Select Clear passwords to clear all your saved passwords.
Show security warnings: Select this check box if you want a warning to be displayed when you are going to an insecure Web site.
4. Advanced settings
Enable Google Gears™ open source browser plug in: Select to enable the Gears Browser plug in. Google Gears extends open source browser the Browser with APIs to create a richer platform for Web plug in applications.
Gears settings: View permissions granted to Web sites to use Gears.
Reset to default: Select if you want to reset all Browser settings to factory default values, except for your home page.

8 Google

8.1 Google mail

To open Gmail™ webmail service, touch and select the Gmail icon.
With Gmail, each message you send is grouped with all the responses you receive. This "conversation view" continues to grow as new replies arrive, so you can always see your messages in context. Conversations are also referred to as "message threads" or simply "threads". A new message or a change to the subject of a current message will begin a new conversation.

Inbox conversation list

All the Gmail that you fetch to your phone is delivered to your inbox, and the Inbox is your default Gmail view. The total number of unread messages displays in the title bar and individual unread messages display in bold. If you have labeled a message, its label appears in a colored rectangle to the left of the date.
Conversation labels
Organize your email by labeling your conversations. You can filter the conversation list to show only those with a specific label. You can apply as many labels to a conversation as you wish.
Use stars to mark important conversations, or any way that you wish. Other system labels include: Inbox, Sent, Outbox, Drafts, and All Mail.
Here are some specific instructions on using labels, from a conversation list, touch & hold a conversation to open the context menu.
1. Label a conversation: Select 'Change labels'. The Labels menu appears. Select the label to either apply it or remove it from the conversation, then select 'OK' to return to the conversation list.
2. Star a conversation: Select 'Add star'. If the conversation already is starred and you want to remove it, select 'Remove star'.
3. Filter conversations by label: From a conversation list, press MENU and select 'View labels'. Select the label of the conversations you want to view, including system labels.
4. A list appears, showing just the conversations marked with the label you selected. To return to the Inbox,

press MENU and select 'Back to Inbox', or press BACK.
5. Select labels to sync: You can select to synchronize specific labels: From a conversation list, press MENU and select 'Settings', and then select Labels. All your labels appear in a list. Select the labels you want synchronized on a regular basis.
6. Refresh: From a conversation list, press MENU and select Refresh. Your email is synchronized per settings.

Read email

When you open a conversation for reading, the subject will appear in a box at the top of the screen and the latest message will appear at the bottom of the conversation.
Here are some actions you can take on individual messages and conversation:
1. Open/collapse messages: All read messages are collapsed. Once the read messages are expanded, their individual headers display. Touch the header to open/collapse the message body.
2. Scroll through messages: Slide your finger up or down on the screen; quickly brush your finger up or down to scroll faster.
3. Mark conversation as spam: From a conversation list, touch & hold the conversation to open the context menu. Select 'Report spam'.
From the read view, press MENU and select More > Report spam.
4. Mark conversation as read/ unread: From a conversation list, touch & hold the conversation to open unread the context menu. Select 'Mark read'/'Mark unread' as appropriate.
5. Archive conversation: From a conversation list, touch & hold the conversation to open the context menu. Select 'Archive'. To view your archived messages, from the list of labels, select 'All mail'.

Compose email

1. From a conversation list, press MENU and select 'Compose'.
2. Add recipients by typing a name or address in the 'To' field. Matching contacts will appear. Select the recipient or continue typing the address. Add as many as you wish.
3. Type a subject and message.
4. To add a picture attachment, press MENU and select 'Attach'. Select a picture. To remove an attachment, select the attachment's 'Remove' button.
5. Select 'Send' or 'Save as draft' when ready. Pressing BACK will also save as draft.
6. Reply, Reply all, Forward: With a conversation highlighted or open for reading, scroll to the end of the conversation. Select Reply, Reply all, or Forward. Tip: Always double-check that you've made the right selection!
Compose your message and Send or Save as draft when ready. Pressing BACK will also save as draft.

Search for messages

In Gmail, you can search for a specific message by sender, word in subject, or label:
1. From a conversation list, press MENU and select 'Search'. You can also press SEARCH button.
2. Type your search string into the box, and then select 'Search'.

Add signature to messages

You can append a signature to every message you send.
1. From a conversation list, press MENU and select 'Settings'.
2. Select 'Signature'.
3. Type your signature in the box. Your signature can be multiple lines, as long as you like. When finished, touch 'OK'.

Select labels to synchronize

You can choose to synchronize messages based on the labels you've assigned to them. Limiting the amount of email that is regularly synchronized will cut down on network data exchange.
1. From a conversation list, press MENU and select 'Settings'.
2. Select 'Labels' to open the Labels screen. In addition to the labels you've created, all the "system labels" (Inbox, Starred, Chats, Sent, Spam, and Trash) are listed.
3. Select a label name to cycle through the sync options: Sync 4 days, Sync all, or Sync none (no sync option displays). Note: You cannot turn off sync for Inbox except through the Home > Settings > Account & sync options.

Set new email notifications

You can receive a notification each time you receive a new email message:

1. From a conversation list, press MENU and select 'Settings'.
2. Select 'Email notifications' check box to see an icon in the status bar when a new message arrives.
3. If you want a sound to play when a new message arrives, select 'Select ringtone'. From the ringtone menu, select a ringtone that will play for new email notifications. Note that when you select a ringtone, it plays briefly. If you don't want a ringtone to play when you receive a new message, select 'Silent'. The ringtone marked 'Default ringtone' is defined in the Home > Settings > Sound & display > Notification ringtone menu.
4. If you want your phone to vibrate when you receive a new message, select 'Vibrate' check box.

8.2 Coogle talk

You can use Google Talk™ instant messaging service to send instant messages to your friends. All you need is a Gmail account and you're set up. To open Google Talk, touch and select Google Talk icon.
The IM accounts screen opens. The number of open chats displays opposite the account name. You can have as many open chats as you wish.

8.3 Google Maps

To open Google Maps™ mapping service, touch and select the Maps icon Maps opens by default in "Map mode".

Find your location

1. Make sure you have enabled a "location source" in global Settings by doing the following: touch , and then select Settings.
Select Security & location. Select either Wireless networks or GPS satellites, or both.
2. From the main Map screen, press MENU and select 'My Location'.
3. Your location is shown on the map as a blue blinking dot surrounded. Touch the screen of zoom icon controls to zoom in or zoon out the map.

Find any location

1. From the main Map screen, press MENU and select 'Search'.
2. You can use a variety of search criteria in the search box:
• Type an address.
• Type a type of business and city (e.g., sushi seattle).
• Select an address you've visited before in Maps from the drop-down menu (stored in History).
3. Select 'Search' when ready. Your search results display.
4. Select to see the highlighted result on a map.
5. Touch the result balloon to open the location's details.
In addition to seeing details about the location, from this screen you can:
• Zoom in to address
• Get directions to address to another location
• Get directions from this address to another location
• Add to Contacts
• Go to associated Web site, if available

Get directions

To get detailed directions to a location, do the following:
1. From the main Map screen, press MENU and select 'Directions'.
2. Enter the starting point in the first box. You can type an address, or select to open the location source menu. Select from:
• My current location - Remember to have a location selected.
• Contacts - Opens a list of the contacts you've stored with a physical address.
• Point on map- Opens a menu of places you've visited.
3. Enter your destination in the second box. You can type an address or select to select from the location source menu.
4. Select Route. You can choose to view your directions in a list, or you can select Show map, to view the same directions overlaid on a map.

5. When finished reading or following the directions, press MENU and select 'More > Clear map'. Your destination is saved in History.

Select map mode

Whenever you are viewing a map, you can switch your view. Press MENU and select 'Layer' to select from Satellite, Traffic, Terrain or Latitude View.

Satellite view: Satellite images are not real-time. Google Maps acquires the best imagery available, most of which is approximately one to three years old.

Traffic view: If available in your area, real-time traffic conditions are displayed over the highway as color-coded lines.

8.4 Google Calendar

To open Google Calendar™ calendaring service, press HOME and select the Calendar icon. The Calendar on your phone stays in sync with your Google Calendar events on the Web.

Calendar views

You can view multiple calendars on your phone, so each calendar event is coded with a color.

Note: To create new calendars, you must go to Google Calendar on the Web.

You can view your calendar in a variety of ways. Press MENU to select from Month, Agenda, Week, or Day.

1. Month view

Days are shown in a month grid. Busy time slots are shown as vertical bars in the corresponding part of the day. An all-day event is shown as a small vertical bar at the top of the slot (it does not fill the entire slot).

View event details - Select a day to view all the events in that day. This will take you to either the Agenda or Day view, depending on which you last visited. Select the event to view its details.

Edit an event - First select a day to go to either the Day or Agenda view. From there, select the event to view its details. Assuming you have write privileges on an event, press MENU and select 'Edit event' to open the event for editing. Navigate months - Slide your fingertip up/down, through the days and past the beginning/end of the month to move to the previous/next month.

Create new event- Touch & hold a day to open the context menu. Select 'New event'. You can also press MENU and select 'New event'.

Jump to current day - Press MENU and select 'Today'.

2. Agenda view

Events in the current month are shown vertically in a list, one event after the other. Days with no events are not displayed.

Repeating events - Marked with icon following the time or date.

View event details - Select the event to view its details.

Edit an event - First, select the event to view its details. Assuming you have write privileges on an event, press MENU and select 'Edit event' to open the event for editing.

Navigate within the current month - Slide your fingertip up/down.

Jump to current agenda - Press MENU and select 'Today'.

3. Week view

Days are shown vertically within the Week view. Time slots are defined horizontally in rows. Events are shown as blocks.

View event details - Highlight an event to open a small popup window in the lower part of the screen that provides more event information. This window will stay open for three seconds. (Note that highlighted events are outlined in orange.) To view the full event details, touch the pop-up window while it's open, or select the event itself. You can also touch & hold the event to open the context menu, then select 'View event'.

Edit an event - Assuming you have write privileges on an event, touch and hold the event to open the context menu, then select 'Edit event'.

Navigate within the current week -Slide your fingertip up/down.

Navigate to a past or future week - Slide your fingertip left/right.

Jump to current day - Press MENU and select 'Today'. The current time is highlighted.

4. Day view

Days are divided into hour time slots. Events are shown tiled and span the time they last. All-day events are displayed at the top of the day list.

View event details - Highlight an event to open a small popup window in the lower part of the screen that provides more event information. This window will stay open for three seconds. (Note that highlighted events are outlined in orange.) To view the full event details, touch the pop-up window while the pop-up window is open, or select the event itself. You can also touch & hold the event to open the context menu, then select View event.

Edit an event - Assuming you have write privileges on an event, touch and hold the event to open the context menu, then select Edit event.

Navigate within the current day - Slide your fingertip up/down.

Navigate to a past or future day - Slide your fingertip left/right.

Jump to current day - Press MENU and select 'Today'. The current time is highlighted.

Create new event - Touch an empty time slot to open the new Event details screen.

Create an event

From any of the views, press MENU and select 'New event' to open the new Event details screen.

• Type the information in the fields.

• Select date & time. You can type directly in the date fields if you don't want to step through using the + and – buttons.

• Name that appears in Day view.

• Description can be as long as you like.

• Select a calendar if you display more than one.

• Set a default reminder time.

Press MENU to select 'Show extra options' to set presence and privacy:

• Set online presence: available or busy.

• Select calendar privacy from Default (as defined when calendar was created), Private, or Public.

When finished, select 'Done'. Pressing BACK also saves the event.

Tip: Create an event quickly in the Day or Week view by selecting an empty time slot. A new Event details screen appears. The 'From' field contains the selected time slot.

The View event screen

In the Day and Week views, when you highlight an event, a pop-up window with more details opens (the window stays open for three seconds). To see even more details, open the View event screen by touching the pop-up window.

From the Agenda view, simply select an event to open the View event screen. From the Month view, first select the day of the event to go to either the Agenda or and Day view, then select the event (Agenda view) or pop-up window (Day view).

From the View event screen, you can do the following:

View details: All the information you've entered about the event is displayed on the View event screen.

Reset reminder: Select the Reminders pop-up menu to select a new reminder time.

Add reminder: Press MENU and select 'Add reminder' to create another reminder for the event. This will not replace existing reminders. You can have up to five reminders per event.

Delete reminder: Either select the x to the right of a reminder, or press MENU and select 'Delete event' to remove the event from your calendar. If this is a repeating event, you will be asked if you want to delete just this one instance, this & future events, or all events.

Edit event: Press MENU and select 'Edit event' to open the event for editing. If this is a repeating event, you will be asked if you want to change just this one instance, this & future events, or all events.

Event reminders

If you have set at least one reminder for an event (you can set up to five), the upcoming event icon will appear in the left side of the status bar to remind you. To view, dismiss, or snooze the reminder, do the following:

1. Touch the status bar and slide your finger down the screen to open the notifications list. The upcoming event name is displayed. If you have only one reminder, the place is also displayed.

2. To read more details about the event, select the reminder. If you have other reminders pending, they will be listed on this screen as well. You can Snooze or Dismiss the reminder(s), or press BACK to keep the reminder(s) pending in the notifications bar. The snooze time is five minutes.

Edit an event

To edit an event, you must have the View event screen open and you must have created, or have write

privileges, for the event.
1. Navigate to the View event screen.
2. Press MENU and select 'Edit event'. If Edit event isn't an option, then you cannot make any changes to that particular event.
Note: If your event repeats, you will be asked to choose which events you want changed (only the current one you're editing, all events in the series, or the current event plus future events).
3. Once you have finished your edits, select 'Done'.
4. To delete the event, from the View event screen, press MENU and select 'Delete event'.

Go to today

From any view, to jump to the screen that shows "today", press MENU and select 'Today'. If you are in the Day or Week view, the current time will be highlighted.

View multiple calendars

If you've created more than one Google Calendar on the Web client, you can change which calendars are displayed and synced to your phone:
1. From any of the calendar views, press MENU and select More > My calendars.
2. All your synced calendars are shown in a list. The checked calendars are displayed on your phone.
3. To hide a calendar from display on your phone, clear that calendar's check box.
4. To remove a calendar and all its events from your phone, press MENU and select 'Remove calendars'. On the menu that appears, select the calendar that you want to remove. Note: Hiding or removing calendars on your phone does not affect the display of calendars on the Web.

Calendar settings

From any of the calendar views, press MENU and select More > Settings.
1. Calendar view setting
Hide declined events: Select this check box if you want all the events you decline to be hidden from all calendar views.
2. Reminder settings
Set alerts & notifications: Select to set the type of event reminder you want:
• Alert - A dialog box will appear to remind you of the event.
• Status bar notification - An icon appears on the left side of the status bar.
• Off - You will receive no reminder.
Select ring tone: Select Ring tone to open the ring tone menu and select a ring tone specific to new event notifications. Note that when you check a ring tone, it plays briefly.
Vibrate: Select this check box to have your phone vibrate when you are reminded of an event.
Default reminder time: Select to open the default reminder menu. The time you select will appear by default in the Reminder section when you create a new event.

9 Experiencing Multimedia

9.1 Camera & Picture

All the pictures you can capture or view on your phone are stored on memory card, which must be installed in your phone. Before you can use the Camera or view pictures in Pictures, make sure you have a card installed.

Load pictures onto your memory card

Read the instructions below to add pictures to your Memory card.
1. Mount your memory card to your computer by doing one of the following: Remove the memory card and insert it into a card reader attached to your computer; or attach your phone to your computer using a USB cable that came in the box. If you use this method, make sure Home > Settings > SD card& phone storage > Use for USB storage check box is selected. It is selected by default.
2. On your computer, find the mounted USB drive and open it.
3. Create a folder at the top-level called "Pictures" or some other descriptive name and open it.
4. Copy .jpg or other image files into this folder. To organize pictures into albums that will display in the Pictures application, create a folder and copy pictures there for each album you want to display.
5. When finished, close the USB drive window and unmount or eject the drive as required by your computer's operating system. You can also go to Home > Settings > SD card& phone storage, and clear the Use for USB storage check box. Remove the USB cable from your phone and computer.

Take a picture

Captured pictures are saved to the "DCIM" folder on your memory card.
Tip: Before you take a picture, wipe the sensor window (on the back cover) to remove any small amounts of oil.

1. To open the Camera, on the Home screen, touch and select the Camera icon.
2. The Camera opens in capture mode. Frame your picture within the screen and hold the phone steady. Press the OK button to capture. Continue to hold the camera steady for a second after you hear the shutter sound.
3. Immediately after capture, you can select to Save, Set as (contact icon or wallpaper), Share (via a compatible application), or Delete your picture.
4. If you select to save, set as, or share, your picture is saved to the Pictures application.

View your pictures

To view the pictures you've captured, as well as any you've stored on your memory card, go to the Gallery application:

1. To open Pictures, on the Home screen, touch and select Gallery icon.
2. Depending on how many pictures you've stored, they may take a few minutes to load.
3. If you've stored your pictures in folders on your Memory card, then the folders will display as separate "albums". The top left album always contains all the pictures in all the albums.
4. The individual pictures display in a grid in thumbnail format. You can select to display smaller or large thumbnails in Settings.
5. To open a picture in full-screen view, touch the picture. Once in full-screen, select the arrows to scroll through the pictures within that album. If the arrows disappear, touch the picture again to reveal the arrows and zoom controls.

Picture options

You can do the following while in Pictures. Note: In all the instructions below, you can touch & hold a picture to open the context menu to access all actions, rather than open the picture in full-screen view.
1. View full-screen: Select a picture to open it in full-screen view.
2. Share a picture: In full-screen view, press MENU and select Share. Select to share your picture via Google mail, Messaging (MMS), or another application (if you have another application installed on your phone that supports sharing).
3. Set as wallpaper: In full-screen view, press MENU and select More > Set as. From the menu that opens select Wallpaper. Touch & hold an edge of the cropper to reveal the sizing arrows, then drag the edge in or out to size. Touch & drag the center of the cropper to move it within the picture. When you're happy with the cropped area, select 'Save'.
4. Set as contact picture: In full-screen view, press MENU and select More > Set as. From the menu that opens, select Contact icon. Your contact list opens. Select the contact you want to associate with the picture. Touch & hold an edge of the cropper to reveal the sizing arrows, then drag the edge in or out to size. Touch & drag the center of the cropper to move it within the picture.
When you're happy with the cropped area, select 'Save'. The picture will now appear in the Contact details screen, as well as on any incoming call notifications.
7. Crop picture: In full-screen view, press MENU and select More > Crop. Touch & hold an edge of the cropper to reveal the sizing arrows, then drag the edge in or out to size. Touch & drag the center of the cropper to move it within the picture. 3 When you are happy with the cropped area, select 'Save'. Select Discard to cancel the crop. The cropped picture is saved to Pictures as a copy. Your original is not touched.
8. Rotate picture: In full-screen view, press MENU and select Rotate. Select from Rotate left (counter-clockwise) or Rotate right (clockwise). Your picture rotates and is saved automatically.
9. Delete picture: In full-screen view, press MENU and select More > Delete. The picture will be removed from the Memory card after you confirm.
10. View picture details: In full-screen view, press MENU and select More > Details. 2 The picture details window opens. You can see the title, resolution, file size, and date of the picture.

9.2 Music

To open your music Library, on the Home screen, touch and select the Music icon. Your music is organized into four categories: Artists, Albums, Songs, and Playlists. Select a category to view the lists within each. Once in a category, keep selecting until you reach the music you want to play.

For example, if you select the Artists category, you will see a list of artists in A-Z order. If you select an artist, the list opens to display that artist's albums. Select an album, and the album's song list displays.

Load music onto your Memory card

All the music you can listen to on your phone is stored on memory card. Read the instructions below to add music to your memory card.

1. Mount your memory card to your computer by doing one of the following:

Remove the memory card and insert it into a card reader attached to your computer; or, attach your phone to your computer using a USB cable that came in the box. If you use this method, make sure the Home > Settings > Data > SD card & phone storage > Use for USB storage check box is selected. It is by default.

2. On your computer, find the mounted USB drive and open it.

3. Although your phone will find all music files on your memory card, it's advisable to keep the number of files or folders at the root level to a minimum. So, if you wish, create a folder at the top-level called "music" (or whatever you want) to store your files.

4. Open this folder and copy music files into it. If you want, create folders within "music" to organize your music further. If you want to use certain music files as phone, notification, or alarm ring tones.

Note: If you do not want a ringtone to appear in your music Library but you do want it to be available as a ringtone, and then create the "ringtones", "notifications", or "alarms" folder outside your "music" folder.

5. When finished copying, close the USB drive window and unmount or eject the drive as required by your computer's operating system. Remove the USB cable from your phone and computer.

Play back music

At any level in your Library, touch & hold a listing (a song, artist, album, or playlist) to open the context menu. Select Play to begin play and go to the Playback screen. You can do the following using the Playback screen:

1. Shuffle songs: Shuffle plays songs in random order. Touch to toggle shuffle on and off. When the con is grey, shuffle is off.

2. Repeat mode: Touch to step through repeat modes: repeat all songs, repeat current song, don't repeat (grey icon).

3. Go to any point in song: Slide fingertip in progress bar to desired point in a song.

4. Playback control: from left to right icons: Go to beginning song, Pause/ resume play and Go to next of song.

If a song is playing while you are on the Library screen, you can switch to the Playback screen quickly by selecting the lower song bar.

Playlists

You can create as many playlists as you wish. Note that the "Recently added" playlist is a system playlist and cannot be deleted or renamed. Also, if you make any voice recordings as part of a MMS message, they will be stored automatically in a playlist called "My recordings".

Create a playlist on your phone

1. From the Library, select a category. From the list that appears, navigate to the artist, album, or song that you want on a playlist.

2. Touch & hold the artist, album, or song to open the context menu.

3. Select Add to playlist.

4. In the Add to playlist menu that opens, select New to create a new playlist, or one of the existing playlists.

5. The song(s) are added.

Manage your playlists

Go to the Library screen and select 'Playlists'. All your playlists appear. Touch & hold the playlist to open the context menu. You can do the following from this screen: Play, Edit (rearrange songs), Delete and Rename.

Create ringtones from songs

You can set any of your songs as a phone ringtone:

1. From the Library, navigate to a song you want to use as a phone ringtone.

2. Touch & hold the song in the list to open the context menu.

3. Select Use as phone ringtone. The ringtone is set as your default incoming call ringtone.

4. Now, when you go to Home > Settings > Sound & display, and select a phone ringtone, your song will be listed as an option.

Delete music from memory card

All the music you play on your phone is stored on the inserted memory card. From your phone, you can delete music stored on the card:

1. From the Library screen, select the Artists, Albums, or Songs category.

2. Go to the screen that shows the artist, album, or song that you want to delete.

3. Touch & hold the item to open the context menu.

4. Select 'Delete'. You will be asked to confirm that you want to delete the item from your memory card.

10 Android Market

Android Market™ provides you with direct access to software developers throughout the world. It is the place to go to find fun games and cool applications that have been rated by your fellow Androids. To open the Market, on the Home screen, touch and select the Market icon

If you ever need help or have questions about Android Market, press MENU and select 'Help'. The Browser will take you to the Android Market "help & info" Web page.

Browse items to install

When you first enter Android Market, you will see featured items, a list of item categories, a link to search, and a link to 'Downloads'.

Scroll horizontally through the featured items or select a category to browse its contents, and then select a subcategory. Within each subcategory you can select to view items sorted by popularity or by date. Note that all items in a subcategory are listed in each tab; those in the by popularity tab are sorted most popular to least popular, and those in the by date tab are sorted newest to oldest.

Install an item

1. Navigate to an item you want to install and select it.

2. The Item details screen appears. Read more about the item on this screen, including its overall rating and comments by users. If you scroll down to the about the developer section, you can view more applications by this developer or send the developer an email message.

3. More info about item: User comments about item, Scroll down to view more of this developer's applications or to email the developer.

Press MENU and select 'Security' (permissions) to view the functions and data this item can access on your phone.

4. To install the item, select either Install (item is free) or Buy, whichever appears. Important! If an application you are downloading requires either access to any of your data or control of any functions on your phone, before you proceed, you'll see a screen that tells you what the application can access so you can give your permission. Be sure to read this carefully! Be especially cautious if an application has access to many functions or a significant amount of your data. Once you select 'OK' on this screen, you will be responsible for the results of using this item on your phone.

• After selecting 'Install', the item will start downloading immediately.

• After selecting 'Buy', you may be asked to sign in to an additional Google account. Sign in and select Purchase now if you want to proceed. Step through the purchase screens.

5. You can see the download progress of the item by opening the notifications window. Download progress appears in the "ongoing" section of the notifications window. Once downloaded and installed, a notification appears.

Manage your downloads

From the Android Market Home screen, select 'Downloads' to view your downloaded items. From any of the Android Market screens, you can press MENU and select 'Downloads' to go to the screen.

You can take the following actions from the Downloads screen:

View downloads in progress

1. From the Android Market home screen, press MENU and select 'Downloads'. 2. If you are in the process of downloading and installing an item, the progress will display at the top of the screen.

Review a downloaded item

You can rate and post comments on any item you've downloaded from Android Market. Note that you must first rate an item to post a comment.

Uninstall a downloaded item

1. From the Android Market Home screen, press MENU and select 'Downloads'. 2. Select the item you want to uninstall. The Item details screen appears.

3. Select 'Uninstall' button at the bottom of the screen.

Open downloaded item

1. From the Android Market Home screen, press MENU and select 'Downloads'. 2. Select the item you want to open. The Item details screen appears.

3. Select 'Open' button at the bottom of the screen.

Read security permissions for this item

Items you download and install on your phone typically have access to functionality. You can view what an item has access to on your phone:

1. From the Android Market Home screen, press MENU and select 'Downloads'. 2. Select the item you want to read about. The Item details screen appears.

3. Press MENU and select 'Security'.

4. All areas of your phone that this item has access to are listed.

5. Dismiss the screen by selecting 'OK'.

Flag content

If you have a concern about an item, you can "flag" it for further investigation.

You can further manage your Android Market applications from the Home > Settings > Applications > Manage applications screen.

Review your downloaded items Rate a downloaded item

If you'd like to rate one of the items you've downloaded from Android Market, follow these steps:

1. From the Android Market Home screen, press MENU and select 'Downloads'. 2. Select the item you want to rate to open its Item details screen.

3. Select 'My rating' section to open the Rate it! dialog box. Touch the number of stars you want to give the item...more stars is better!

When ready, select 'OK' to submit your rating.

Write a comment

Once you've rated a downloaded item, you can post a comment:

1. From the Android Market Home screen, press MENU and select 'Downloads'. Select the item you want to comment on to open its details screen.

2. Select the Post a comment section to open 'Post comment' dialog box. If you don't see the Post a comment section, first rate the item.

3. Type your comment, and then select 'OK' to post it.

Remove rating and/or comment

Once you've rated or commented on an item, you can always remove this review:

1. From the Android Market Home screen, press MENU and select 'Downloads'. Select the item to open its details screen.

2. Press MENU and select 'Clear my review'.

3. Your rating and comments are removed.

11 Other applications

11.1 Alarm Clock

To open Alarm Clock, on the Home screen, touch and select the Alarm Clock icon. The Alarm clock offers as many alarms as you want.

Set an alarm

Three alarms are set up for you, ready to customize. All three alarms are turned off by default. Select the check box to turn on the alarm. If no day shows under the set time, the alarm will go off once when the set

time is reached.

This alarm will go off at 9:00 am every Tuesday and Friday.

To begin, select one of the default alarms to open Alarm settings.

Set the following options:

Alarm: Select the check box to turn alarm on (checked) or off (cleared). This is the same check box that appears on the main Alarm Clock screen.

Time: The time the alarm will go off is shown. To change this time, select Time to open the time selector. Tap the + or – buttons and the AM/PM button to set the time you want, and then select Set.

Tip: Touch & hold the + or – buttons to move through the numbers quickly.

Ring tone: The current ring tone selection is shown. Select Ring tone to pick another ring tone that will play when the alarm rings. (When you select a ring tone, it plays briefly.) Note that when your alarm goes off, the ring tone will play a maximum of five minutes.

Vibrate: Select this check box to have your phone vibrate when it goes off.

Repeat: The current repeat selection is shown. To change the setting, select Repeat and make a selection from the menu. To have your alarm will only go off once at the set time, don't select any of the options. A one-time alarm is shown on the Alarm Clock screen without any days under the set time.

Delete alarm: To delete the alarm, press MENU and select Delete alarm.

Once your alarm goes off, you will receive an alert with the options to Snooze (for 10 minutes) or Dismiss.

Add more alarms

To add more than three alarms, from the main Alarm Clock screen, press MENU and select 'Add alarm'.

Change clock display

You can change the appearance of the clock displayed on the main Alarm Clock screen:

1. Go to the main Alarm Clock screen.

2. Touch the clock with your fingertip to open the Clock selection screen.

3. Slide your fingertip horizontally along the bottom clock face row and touch the face you want to display.

4. To hide the clock, press MENU and select 'Hide clock'.

Change date & time display

You can change the format of the time displayed in your alarms from the global Settings screen:

1. Go to the main Alarm Clock screen. On the Home screen, touch and then press MENU and select Settings. Scroll down and select 'Date & time'. The Date & time settings screen appears.

2. Use the network-provided values by selecting 'Automatic' check box.

3. Select 'Use 24 hour format' check box if you wish to use that rather than 12 hour format.

4. Select t 'Select date format' option to open the menu of various date formats.

11.2 Calculator

To open Calculator, touch and select the Calculator icon.

The Calculator offers two panels: basic and advanced. Switch back and forth between panels by pressing MENU and selecting 'Advanced panel' or 'Basic panel', as you wish.

Calculator panels

Two calculator's panels are available: basic and advanced. Use the Basic panel to enter numbers and perform basic addition, subtraction, multiplication, and division. Use the Advanced panel to insert advanced operators or delimiters, such as sine, cosine, tangent, square root, parentheses, etc.

Switch back and forth between calculator panels by pressing MENU and selecting 'Advanced panel' or 'Basic panel', as you wish. As soon as you select an advanced operator, the panel switches back to Basic, where your operator appears. When you touch a key on the screen, the key flashes red to let you know the selection was made. Make sure you see the red flash before entering your next number or completing the operation.

To delete numbers, one at a time, touch CLEAR on the screen.

To clear your operation history, press MENU and select 'Clear history'.