# User Manual

www.mastone.cn

Please Read Before Proceeding

## Limitation of Damages

## Important Health Information and Safety Precautions

# Contents

# Chapter 1- Phone Basics

## 1.1 Your Phone



For more information about the functions of the MENU, HOME, CALL, END CALL/ POWER, SEARCH, and BACK buttons, see "Phone Controls" in this chapter.

### 3.5 mm Audio Jack

Connect the supplied headset for hands-free conversation or for listening to audio media.

### USB Connector

Connect the:
- USB cable to transfer files.
- AC adapter to recharge the battery.

## 1.2 Installing the SIM Card, Battery, and Storage Card

Always turn off your phone before installing or replacing the SIM card, battery, and storage card. You also need to remove the back cover before you can install the SIM card and battery.

**To remove the back cover**

1. Make sure the phone is turned off.
2. Hold the device securely with the front facing down.
3. With your thumb or finger, push the back cover slide down to the bottom direction.

**SIM card**

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

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

**To install the SIM card**

1. Make sure the phone is turned off.
2. Insert the SIM card with its gold contacts facing down and its cut–off corner facing out the card slot. Slide the SIM card completely into the slot.

**To remove the SIM card**

1. Remove the back cover and the battery.
2. Pull out the SIM card.

**Battery**

Your phone 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, the temperature of the environment in which you operate your phone, the features and/or settings you select and use, items attached to connecting ports, and your voice, data, and other program usage patterns.

**Important：When the phone is shipped, the battery is already installed on the phone. A thin film is inserted in between the battery and the battery compartment. You need to remove this film first to use the phone.**

Battery life estimates (approximations):

Talk time: Up to 420 minutes for WCDMA Up to 470 minutes for GSM

Standby time: Up to 750 hours for WCDMA Up to 440 hours for GSM

**Note Battery life is subject to network and phone usage.**

**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 60oC (140oF).**
- **Replace only with the battery pack designated for this product.**
- **Recycle or dispose of used battery as stipulated by local regulations.**

## To install the battery

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

## To remove the battery

1. Make sure the phone is turned off.
2. Remove the back cover.
3. Lift up the battery from the small opening at the top of the battery compartment.
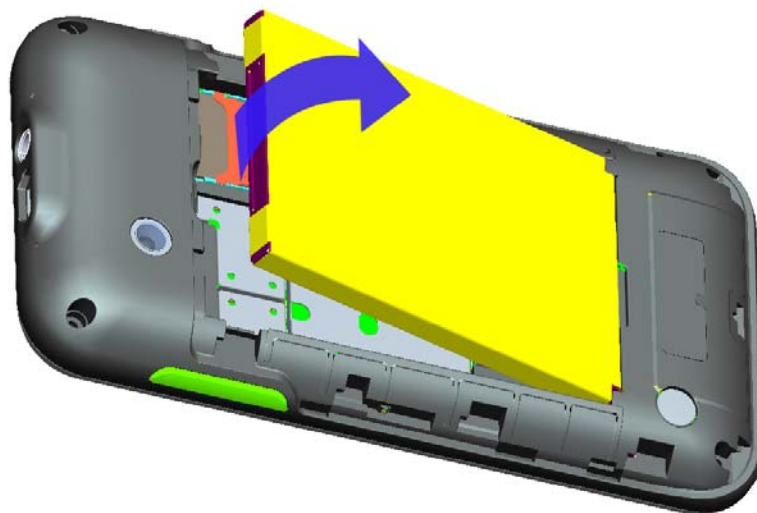
**Storage card**

To store your pictures, music, and applications, install the supplied T–flash™ card into your phone.

**Important** You need to install the T-flash card before you can use the Camera and Albums applications. ******

**To install the storage card**

1. Slide the T–flash card holder to the bottom to unlock it, and then flip it open.

2. Insert the T−flash card into the slot with its gold contacts facing down.

3. Slide the T−flash card completely into the slot.

4. Close the T−flash card holder and then slide the T−flash card holder up to lock it.

**To remove the storage card**

1. Remove the back cover and the battery.

2. Slide the T−flash card holder down to unlock it, and then flip it open.

3. Pull out the T−flash card.

## 1.3 Charging the Battery

New batteries are not charged when shipped. Before you start using your phone, you need to install and charge the battery. Some batteries perform best after several full charge/discharge cycles.

> **Important** When the phone is shipped, the battery is already installed on the phone. <span style="color:red">A thin film is inserted in between the battery and the battery compartment. You need to remove this film first to use the phone. ******</span>

**To charge the battery**

1. Plug the USB connector of the AC adapter to the USB connector at the top of your phone.

2. Plug in the AC adapter to an electrical outlet to start charging the battery.

> **Note** Only the AC adapter and USB cable provided with your phone must be used to charge the battery.

Charging is indicated by a solid blue light in the Notification LED. As the battery is being charged while the phone is on, the charging battery icon is displayed in the status bar of the Home screen. After the battery has been fully charged, the Notification LED shows a solid green light and a full battery icon displays in the status bar of the Home screen. For more information about the Notification LED, see "Phone Status and Notifications" in this chapter.

> **Warning!**

- **Do not remove the battery from the phone while you are charging it.**
- **As a safety precaution, the battery stops charging when it overheats.**

## 1.4 Phone Controls

Press the icon buttons on the Home Screen of your phone to do the following:

| Button | Function |
|---|---|
| CALL | ● Press to open the Phone screen;<br>● When a contact, contact number, or phone number is highlighted on the screen, press to call the contact or phone number;<br>● While in a call, press **MENU** , to select the operation of the call on hold;<br>● If you navigated to another application during a call, drag the status bar at top down to display and select the ongoing call on the screen; |
| HOME | ● While on any application or screen, press to return to the Home screen;<br>● Press and hold to open the recently-used applications window; |
| MENU | Press to open a list of actions that you can do on the current screen or options menu; |
| BACK | Press to go back to the previous screen, or to close a dialog box, options menu, the Notifications panel, or onscreen keyboard; |
| END CALL/ POWER | ● While in a call, press to hang up;<br>● While not in a call, press will switch between standby & idle state;<br>● While not in a call, press and hold to open the phone options menu that lets you turn on/off Mobile network connection, turn off the phone, or switch your phone to silent mode, vibration mode, or airplane mode; |

## 1.5 Getting Around Your Phone

There are different ways to navigate around the Home screen, menus and application screens on your phone.

### Tap
When you want to type using the onscreen keyboard, select items onscreen such as application and settings icons, or press onscreen buttons, simply tap them with your finger.

### Press and hold
To open the available options for an item ( e.g. contact ), simply press and hold the item.

**Swipe or slide**

To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

**Drag**

Press and hold your finger with some pressure before you start to drag. While dragging, do not release your finger until you have reached the target position.

**Flick**

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quicker strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.

**Rotate**

For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways. When entering text, you can turn the phone sideways to bring up a bigger keyboard. Refer to Chapter 4 for more details.

Note The Orientation check box in HOME > MENU > Settings > Sound & display needs to be selected for the screen orientation to automatically change.

## 1.6 Getting Started

Once you've installed your SIM card, battery, and T–flash card, you can turn on your phone and start using it.

**To turn on the phone**

Press the END CALL/POWER button.

Note    When you turn on the phone for the first time, you will be prompted to sign in to your Google™ Account. For more information on how to set up your phone for the first time, see "Setting up your phone for the first time" in this chapter.

**To turn off the phone**

1. Press and hold the END CALL/POWER button for a few seconds.

2. When the Phone options options menu appears, tap Power off.

3. Tap OK when prompted to turn off the phone.

**Entering your PIN**

If your SIM card is preset with a PIN ( personal identification number ), you will be prompted to enter the PIN to proceed. Enter the SIM PIN, then tap OK.

To learn how to enable or disable the SIM PIN, see "Protecting Your Phone" in Chapter 10. ******

> **Note** If you entered the wrong PIN three times, the SIM card will be blocked. If this happens, you can unblock it with the PUK (PIN Unblocking Key) obtained from your wireless service provider. Refer to Chapter 10 to learn how to unblock the SIM card.

**Setting up your phone for the first time**

When you turn on your phone for the first time, you will be given options to let you quickly set up Google™ Account.

> **Note** You need to be connected to the Internet, using Wi–Fi or data connection, to set up account.
> - You do not need to set up the account to use the phone. But if you don't set up the account, some of the applications will ask the account firstly.

1. Choose the language you want to use and then tap Next.
2. You may be asked to determine some options, view tutorials, or set up a Wi–Fi connection in the following screens. Tap Next or Skip to go to the following screen.

> **Note** You will only be asked to set up a Wi–Fi connection if there is a Wi–Fi connection available.

3. On the Set up accounts screen, choose which accounts you want to set up. Tap Skip if you do not want to set up accounts.
   - To learn how to set up a Google Account, refer to Chapter 8.
   - To learn how to set up an Exchange ActiveSync account and other email accounts, refer to Chapter 5.

After setting up an account, you will be taken back to the Set up accounts screen. Tap Next when you are done setting up the accounts.

4. On the Set up social network accounts screen, choose which social network accounts you want to set up. Tap

Skip if you do not want to set up accounts. After setting up an account, you will be taken back to the Set up social network accounts screen. Tap Next when you are done setting up the accounts.

5. On the Location consent screen, select the check box to allow Google's location service to collect location data, and then tap Next.

Notes • Some applications on your phone, such as World Clock and Weather, require Google's location service to automatically update the time and weather information for your current location.

• Google's location service connects to the Internet using your phone's data or Wi–Fi connection.

6. Tap Finish to finish the setup process and go to the Home screen.

**Turning off the screen when not in use**

To save battery power, the phone automatically turns off the screen when you leave it idle after a certain period of time. You will still be able to receive messages and calls while the phone's screen is off.

Tip For information on how to adjust the time before the screen turns off, see "Display settings" in Chapter 10.

You can also turn off the screen by pressing the END CALL/POWER button. Pressing MENU, END CALL/POWER, or incoming calls will turn on your phone screen and show the lock screen.

**To unlock the screen**

Press the bar on the lock screen and then slide your finger to right side to unlock the screen or answer an incoming call.

Tip You can also press MENU while on the lock screen to unlock the screen.

## 1.7 Home Screen

The Home screen gives you a lot of real estate to work with so you can add the items you want and need on the Home screen. Add items like application icons, shortcuts, folders, and Google widgets to give you instant access to information and applications.

Tip While in any application, press HOME to go back to the Home screen.

**Extended Home screen**

The Home screen extends beyond the screen width to provide more space for adding icons, widgets, and more. Press HOME, then slide your finger horizontally across the screen to go to the left or right side of the extended Home screen. There are more than one "additional" screens apart from the main Home screen.

> **Note** You cannot add more screens.
>
> **Tip** While on an extended Home screen, press HOME to return to the main Home screen.

## Customizing the Home screen

### To add a Home screen item

1. Press HOME, and then tap

**Note** You can also press and hold an empty area on the Home screen.

2. When the Add to Home options menu opens, select the item you want to add to the Home screen:

**Tip** To quickly add an application shortcut that is on the All programs screen to the Home screen, press and hold an application icon. When the phone vibrates, drag the icon on an empty area on the Home screen, and then release it.

### Shortcut.

Add shortcuts such as applications, a bookmarked web page, a favorite contact, a Gmail™ /Google Email™ label, a music playlist, and more.

> **Tip** To quickly add an application shortcut that is on the All programs screen to the Home screen, press and hold an application icon. When the phone vibrates, drag the icon on an empty area on the Home screen, and then release it.

● **Android™ widget.** Add Android widgets to the Home screen such as a clock, music player, a picture frame, the Google™ search bar, or a calendar that shows upcoming appointments.

● **Folder**. Add a folder where you can organize Home screen items. Add a shortcut to all your contacts, contacts with phone numbers, or starred contacts. Contact details are automatically updated when there are changes in the source. For more information on how to create folders, see "To create a folder and add items to it" in this chapter.

Your Home screen can look something like this after you take advantage of the available widgets or use Scenes.

To populate your Home screen with widgets from a Scene, press HOME > MENU, and then tap Scenes.

**Note** You may need to remove a widget on the Home screen first if there is no space to place the new widget.

**To reposition a Home screen item**

1. Press and hold the item on the screen you want to reposition to activate Edit mode.
**Note** When Edit mode is activated, the item magnifies and the phone vibrates.

2. Without lifting your finger, drag the icon to the desired position on the screen, then release it.
**Note** To move an item from the Home screen to an extended Home screen, press and hold the item and then drag it to the left or right edge of the screen until the display shifts to the extended Home screen. Position the item on the screen, then release it.

**To remove a Home screen item**

1. Press and hold the item on the screen you want to remove to activate Edit mode.
**Note** When Edit mode is activated, the item magnifies and the phone vibrates.

2. Drag the icon to the Phone button (The Phone button changes into a garbage can)

3. When the icon and the garbage can button turn red, release it.

**To change the Home screen wallpaper**

1. Press HOME > MENU, and then tap Wallpaper.

2. Select Home. Note Select Lock screen to change the Lock screen wallpaper.

3. Tap Albums or Wallpaper gallery.
   - Tap Albums to use a picture that you have captured using the camera or copied to your phone as a wallpaper. You can crop the picture before setting it as a wallpaper. See "To crop a picture" in Chapter 7 to learn how to crop the picture.
   - Tap Wallpaper gallery to use preset phone wallpapers.

4. Tap Save or Set wallpaper .

**To create a folder and add items to it**

You can create folders on the Home screen to hold application icons or shortcuts.

1. Press HOME > MENU, and then tap Add to Home > Folder > New folder. A new folder appears on the screen.

2. Press and hold an application icon or a shortcut on the Home screen to activate Edit mode, then drag it on top of the folder. To access the items inside a folder, tap the folder to open it and then tap the icon of the application or shortcut you want to open.

**Tip** To delete a folder, follow the same procedure when you want to remove a Home screen item. See "To remove a Home screen item" earlier in this chapter.

**To rename a folder**

1. Tap the folder to open it.

2. Press and hold the folder's title bar to open the Rename folder dialog box.

3. Enter the Folder name and then tap OK.

**Search button**

Press SEARCH to search information on the current screen or application. For example, while in the Contact, press SEARCH to search for a contact in the phone. Press SEARCH while in Maps to search for places of interest. Press SEARCH while in the Home screen or Browser to launch Google™ search and search information on the web.

In any search bar, enter the information you want to search, and then press SEARCH again.

## 1.8 Phone Status and Notifications

**Phone status icons**

These are the icons that may appear on the phone status area of the status bar:

| Icons that appear in this area | | |
|---|---|---|
| | GPRS connected | | Signal strength |
| | GPRS in use | | Roaming |
| | EDGE connected | | No signal |
| | EDGE in use | | No SIM card installed |
| | 3G connected | | Vibrate mode |
| | 3G in use | | Phone speaker is mute |
| | HSPA connected | | Phone microphone is mute |
| | HSPA in use | | Battery is very low |
| | Connected to a Wi-Fi network | | Battery is low |
| | Bluetooth is on | | Battery is full |
| | Connected to a Bluetooth device | | Battery is charging |
| | Airplane mode | | GPS is on |
| | Alarm is set | | GPS is connected |
| | Speakerphone on | | Wired microphone headset connected |
| | Data synchronizing | | Wired headset connected |

**Notification icons**

These are the icons that may appear on the notifications area of the status bar:



Icons that appear in this area

| Icons that appear in this area | |
|---|---|
| New Gmail message | More (not displayed) notifications |
| New Microsoft Exchange ActiveSync email or POP3/IMAP message | Call in progress |
| New SMS/MMS | Missed call |
| Problem with SMS/MMS delivery | Call on hold |
| New instant message | Call forwarding on |
| New voicemail | Compass needs orientation |
| Upcoming event | Uploading data |
| Song is playing | Downloading data |
| General notification (for example, sync error) | Waiting to upload |
| Storage card is low on free space | Content downloaded |
| Wi-Fi is on and wireless networks are available | Phone connected to computer via USB cable. |
| Data synchronizing | Storage card is safe to remove or storage card is being prepared |
| Connected to    Sync | No storage card installed on the phone |
| New tweet | Update available for an application downloaded from Android Market |
| | |

## Notifications panel

Notification icons report the arrival of new messages, calendar events, alarms set and ongoing settings
such as when call forwarding is on or the current call status. You can open the Notifications panel to open
the message, reminder, or event notification and see the wireless service provider name.

## To open the Notifications panel

When a new notification icon displays in the status bar,    press and hold the status bar,    then slide your
finger downward to open the Notifications panel.
If you have several notifications, you can scroll down the screen to view more notifications.

Tip  You can also open the Notifications panel on the Home screen by pressing MENU and then tapping
Notifications.

**To close the Notifications panel**

Press and hold the bottom bar of the Notifications panel, then slide your finger up the screen or press BACK.

**Notification LED**

The Notification LED located at the right corner of the earpiece provides information on the phone status.

<p style="text-align:center; color:red;">Notification LED</p>

| LED Status | Indication |
|---|---|
| Solid green | Battery is fully charged (when the phone is connected to the AC adapter/computer). |
| Solid blue | Battery is charging. |
| Flashing red | Battery is low. |

## 1.9 Applications

The All programs screen holds all applications on your phone. All applications that you downloaded and installed from Android Market or from the web are also added to the All programs screen.

> **Important** Some applications that are mentioned in the User Manual may not be available on your phone by default. The application available on the phone depends on the region where you purchased the phone.

**To open the all programs screen**

Press HOME, then tap up arrow icon. To close the all programs screen, tap down arrow icon.

**Tip** To open applications quickly, you can add the icons of frequently-used applications to the Home screen or to folders which you have created. For details, see "Customizing the Home screen" earlier in this chapter.

**Recently-used applications**

**To open a recently-used application**

1. Press and hold the HOME button to open the recently-used applications window. The window displays the

last six applications you have used.

2. Tap an icon in the window to open the related application.

## 1.10 Settings

Control and customize Call settings on the Settings screen. To open the Settings screen, do one of the following:

- Press HOME > MENU, and then tap Settings.
- Press HOME, then tap up arrow icon.

| Wireless & networks | Configure your phone's wireless connections, such as Wi-Fi and Bluetooth, enable the Airplane mode, or set the options for roaming, networks, and more. See Chapter 6 for details. |
|---|---|
| Call settings | Set up call services such as voice mail, call forwarding, call waiting, and caller ID. See Chapter _ for details. |
| Sound & display | Set the call and notification ring tones, or set the screen brightness and screen timeout. See Chapter 10 for details. |
| Location & Security | Select the GPS location source to use. Set the screen unlock pattern, enable the SIM card lock, or reset the phone. See Chapter 10 for details. |
| Applications | Manage applications and installation of new programs. |
| Privacy | Privacy setting about location, back up my setting, Factory data reset. |
| SD card & phone | Check the available storage card and phone memory. See Chapter 10 for storage details. |
| Search | Search settings about Google search settings, Searchable items, and clear search shortcuts |
| Language & keyboard | Set the operating system language and region. You can also set onscreen keyboard options. |
| Accessibility | Accessory device |
| Text-to-speech | Install the voice data require for speech synthesis, set the speech rate & language |
| Date & time | Set the date and time, time zone, and date or time format. See Chapter 9 for details. |
| About phone | View the phone status such as the network type, signal strength, battery power level, and network name. You can also view the legal information and software version of your phone. |

### 1.11  Adjusting the Volume

Adjusting the Ringer volume changes the volume level of the phone ring tone, whereas adjusting the Media volume changes the volume level of sound notifications and music or video playback. The ringer volume and media volume can be separately adjusted.

**To adjust the Ringer volume**

You can adjust the Ringer volume when you are on the Home screen or any application screens (except during a call or when playing music/video).

1. Press the VOLUME UP or VOLUME DOWN buttons on the left panel of the phone to adjust the ringer volume to your desired level. The Ringer volume window appears on the screen to display the volume levels. While in the lowest ringer volume level (Silent mode), press VOLUME DOWN once to set your phone to Vibrate mode. The phone vibrates and the vibrate mode icon) appears on the status bar.

2. While in Vibrate mode, press VOLUME UP once to switch to silent mode. The speaker mute icon displays on the status bar.

> **Tip** To quickly switch your phone to silent mode, press and hold the END CALL/ POWER button, then tap **Silent mode** on the options menu.

You can also adjust the ringer volume on the Settings screen. To adjust,  press HOME > MENU, and then tap Settings > Sound & display > Ringer volume.

**To adjust the media volume**

When playing music or watching video, press the VOLUME UP or VOLUME DOWN buttons on the left panel of the phone to adjust the media volume. The Music / video volume window appears on the screen to display the volume level.

You can also adjust the media volume on the Settings screen.

1. Press HOME > MENU, and then tap Settings.

2. Tap Sound & display > Media volume.

3. When the Media volume window appears, move the slider to the left (to lower the volume) or to the right (to increase the volume).

4. Tap OK to close the window.

## 1.12  Using the Phone's Storage Card as a USB Drive

To transfer music, pictures, and other files from your computer to your phone's storage card, you need to set the phone's storage card as a USB drive.

**To set the phone's storage card as a USB drive**

1. Connect the phone to the computer using the USB cable. A notification icon appears in the status bar.

2. Open the Notifications panel. See "To open the Notifications panel" earlier in this chapter to learn how to open the Notifications panel.

3. In the Notifications panel, tap USB connected and then tap Mount.

> **Note** When you select **Mount**, the phone will not recognize the storage card when it is connected to a computer. You will not be able to use some of the phone's applications such as Camera or Music.

# Chapter 2- Using Phone Features

## 2.1 Making Calls

There are several convenient methods to make a call from your phone.

> **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.

### Calling using the Dialer

In Dialer, you can either dial a number directly, or you can use the Smart Dial feature to search and call a contact in Contact or a number from or Call log.

When you 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. As you enter more letters or numbers, the list shows only the corresponding matches.

1. To open Dialer, do one of the following:
   - Press the CALL button.
   - On the Home screen, tap Phone.
2. Begin entering the first few digits or characters by tapping the keys on the Phone keypad. As you enter digits or letters, the Smart Dial panel displays to erase that digit. To erase the entire number, press and hold.
3. Tap Dialpad button to close the phone keypad and to see if there are more matching numbers or contacts. To browse through the filtered list, flick through the list or slide your finger up or down the list slowly.
4. To call a number or contact, do one of the following:
   - Tap the desired phone number or contact from the list.
   - To call a different phone number associated with the contact, tap the contact card icon at the right side of the contact name. On the contact details screen, tap the number you want to call.

**Calling a phone number in a text message**

While viewing a text message, you can place a call to a number that is in the body of the message.

1. Tap the message with the phone number.

2. On the Select link screen, tap the number you want to call.

3. The Phone screen then opens, with the phone number automatically filled in and ready to be dialed. To place the call, tap Call. For more information about text messages, see Chapter 5.

**Calling a speed dial number**

To call a stored speed dial number, press and hold a number button. For information on setting up speed dial numbers, see "To add a contact to speed dial" in Chapter 3.

**Calling a phone number in an email**

While viewing a received email message, tap a phone number that is displayed in the body of the email message to open the Phone screen so you can call that number.

**Making an emergency call**

On the Phone screen, dial the international emergency number for your locale (for example, 112), and then tap Call.

> **Note** Additional emergency numbers may be included in your SIM card. Contact your wireless service provider for details.

## 2.2 Answering or Rejecting a Call

When you receive a phone call from a contact, the Incoming call screen appears and displays the caller ID icon, name, and phone number of the calling party. When you receive a phone call from someone who is not stored in Contacts, only the default caller ID icon and phone number appear on the Incoming call screen.

**Answering an incoming call**

Tap Answer or press the CALL button.

**Rejecting an incoming call**

Tap Decline or press the END CALL/POWER button to reject and send the call to your voice mail.

**Muting the ringing sound**

To mute the ring without rejecting the call, press the VOLUME DOWN button.

**Rejecting a call and sending a text message**

You can automatically send a default text message to the caller and reject the incoming voice call. Press MENU and then tap Send message when you have an incoming call to send the text message.

You can change the default text message by pressing MENU and then tapping Call settings > Edit default message while on the Phone screen.

## 2.3 Using In-call Options

When a call is in progress, press MENU to open the call options. Tap the available buttons on the call options menu to put a call on hold, dial another contact for a phone conference, mute the phone microphone, and more.

**Note** When the phone is dialing, only the Contact and Speaker buttons are available.

**Handling multiple calls**

Your phone notifies you when you have another incoming call, and gives you the option of rejecting or accepting the call. If you are already on a call and accept the new call, you can choose to switch between the two callers.

1. Press the TALK/SEND button to accept the second call and put the first call on hold.

2. To switch between callers, tap the person you want to talk to on the screen.

3. To end the current call and return to the other call, tap **End call.**

You can start a conference call between all parties by merging the calls. To merge the call, tap **Merge calls** button.

**Setting up a conference call**

1. Make a call to the first conference call participant.

2. When connected, press **MENU** and tap Add call, and then dial the number of the second participant. The first participant is put on hold when you dial the second participant.

3. When connected to the second participant, tap **Merge calls** button.

4. To add another participant to the conference call, tap **Dialpad** button on the conference call screen, and then dial the number of the contact you want to invite to the conference call.

**Note** The conference call is put on hold when you call another contact. When you are connected to the other contact, you can talk to that party in private.

5. When connected, tap **Add calls** button to add the participant to the conference call.

6. When finished, tap **End call.**

**Note** Not all mobile phone networks support conference calling. Contact your wireless service provider for details.

**Putting a call on hold**

Press MENU and then tap Hold to put the call on hold. When you put a call on hold, the Hold call icon appears in the status bar. Press MENU and then tap Unhold to resume the call.

**Tip** You can also put a call on hold by pressing the CALL button. Press the CALL button again to resume the call.

**Muting the microphone during a call**

Press MENU, then tap Mute / Unmute to toggle between turning the microphone on or off. When the microphone is turned off, the Mute icon appears in the status bar.

**Turning the speakerphone on or off**

During a call, press MENU, then tap Speaker on/Speaker off to toggle between turning the speakerphone on or off. The speakerphone icon appears in the status bar when the speakerphone is on.

**Warning!** To avoid damage to your hearing, do not hold your phone against your ear when the speakerphone is turned on.

**Ending a call**

Do one of the following to end the call:

- Press END CALL/POWER.
- Tap End call.
- If you are using the provided wired headset, press and hold the button to end the call.

If the phone number of the person who called is not in your Contacts list, you can choose to save the number after you hang up.

## 2.4 Using Call log

When you miss a call, the missed call icon appears in the title bar. Use the Call log tab of the Contact screen to check who the caller was or view all your dialed numbers and received calls.

**Using the Call log tab**

1.    Press CALL > MENU, and then tap Call log.
2.    Do one of the following:
    ● Tap the name or number in the list to call.
    ● Press and hold a name or number in the list to display the options menu where you can select to view the contact information (if the number is stored in your contacts list), edit the number before you redial, send a text message, or delete from Call log.

**Adding a new phone number to Contacts**

If the phone number of a person who called is not in your contacts list, you can choose to save the number after you hang up.

1.    Press CALL > MENU, and then tap Call log.
2.    Press and hold the received call that you want to save to your contacts list, and then tap Save to contacts.
3.    In the blank contact record that appears, enter the contact name and other information. The phone number is automatically added to the Mobile field in the Number section. To store it as another type of number, for example a home number, tap the Mobile button.
4.    Scroll down the screen and tap Save.
        **Note** For more information, see "To add a new contact" in Chapter 3.

**Checking a missed call**

You will see the missed call icon in the status bar when you miss a call. To check who the caller was, press CALL > MENU,   and then tap Call log. Missed calls are indicated by the missed call icon.
        **Tip**   You can also press and hold the status bar, and then slide your finger downward on the screen to open the Notifications panel. The missed call number and/or contact name is displayed.

**Clearing the Call log list**

On the Call log tab, do one of the following:
    ● To remove one name or number from the list, press and hold the name or number, and then tap Remove from Call log.

● To clear the entire list, press MENU and then tap Clear all log.

## 2.5 Adjusting Call settings

You can adjust the Call settings of your phone such as your voice mail number, or enable additional call services from your wireless service provider. To open the Call settings menu, press HOME > MENU, and then tap Settings > Call settings.

| Options | Description |
|---|---|
| Fixed Dialing Numbers | Restrict outgoing calls to a fixed set of numbers. To enable this feature you must know your SIM card's PIN2 code. |
| Voicemail service | Specify another voice mail number aside from the voice mail number on your SIM card. |
| Voicemail settings | |
| Call forwarding | Select how you want your phone to handle busy, unanswered, and unreachable calls. You can also set the call forwarding option for all incoming calls. |
| Additional settings | Enable or disable operator services such as caller ID and call waiting. |

## 2.6 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. A way to turn off the phone function is to switch your phone to Airplane mode. When you enable Airplane mode, all wireless radios on your phone are turned off, including the phone function, Bluetooth, and Wi–Fi.

### Enabling or disabling Airplane mode

1. Press HOME > MENU, then tap Settings > Wireless & networks.
2. Select the Airplane mode check box to enable or disable Airplane mode.
3. When enabled, the Airplane mode icon displays in the status bar.

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

# Chapter 3- Using Contact

## 3.1 About Contact

In Contact, you can easily manage your communications with contacts via phone, messaging, and email.
If you are synchronizing contacts with your Google account, with your PC, and/or with an Exchange Server, any contacts stored in those accounts are displayed in Contact. For more information on synchronizing accounts, see "Contact sources" in this chapter.

### To open Contact
Press HOME, then tap **Contacts** icon.

### Adding the Contact widget
The Contact widget allows you to get in touch with your favorite contacts directly from the Home screen.

> **Note** If your favorite contacts are contacts from your Google Account or Exchange ActiveSync account, the Contact widget remembers your favorite contacts even after you reset your phone. However, you will need to set the default communication method for your favorite contacts again. Refer to Chapter 10 to learn more about resetting your phone.

### Contact sources
You can add contacts to your phone from:

- **Gmail/Google Email contacts** Gmail/Google Email contacts are imported to your phone after you set up a Google Account. For details, see Chapter 8.
- **SIM card** See "To import all contacts from your SIM card" in this chapter for details.
- **Phone contacts** See "To add a new contact" in this chapter for details.
- **Exchange ActiveSync Server** See Chapter 5 for details.
- **Contacts on your PC** See "Using Sync" in Chapter 9.

## 3.2 Using the Contact screen

The Contact screen gives you easy access to all your contacts, as well as even faster access to the Contact and

groups of Contact you contact most often. The Contact screen has the following tabs:
- Call log
- Contacts
- Favorites

**Setting up My contact card**

My contact card provides a convenient way to store your personal contact information so that you can easily send it via MMS.

**Viewing and managing contacts**

The tab of the Contact screen shows all your contacts, including Google contacts, Exchange ActiveSync contacts, Phone contacts, and contacts stored on your SIM card.

> **Note** To view only contacts of a particular type, for example Google contacts or Exchange ActiveSync contacts, press MENU, tap **View**, and select the desired type of contact.

**To add a new contact**

1. On the tab of Contact, tap New contact from MENU.
2. Select the Contact type, for example Google or Exchange. This determines which account the contact will sync with. For more information, see "Contact sources" in this chapter.
3. Do one of the following:
   - For Exchange or Phone contact type, tap the Name field, enter the first and last name of the contact, and choose the order in which to display the names. Tap OK.
   - For SIM or Google contact type, tap the Name field and then enter the name.
4. Enter the contact information in the fields provided.
5. Scroll to the bottom of the screen and tap Save.

**To search for a contact**

1. On the Contact tab, press MENU, and then tap Search.
2. In the search bar, enter the first few letters of the first or last name of the contact you are looking for. Matching contacts are displayed.

   > **Tip** If the list of matching contacts is long, you can view more results by tapping to hide the onscreen keyboard.

3. Tap the contact you want to open his or her Contact Details screen. For information on what you can do

on this screen, see "The Contact Details screen" in this chapter.

**To edit a contact's information**

1. On the Contact tab, press and hold the contact, and then tap Edit contact.
2. Enter the new information for the contact.
3. Scroll to the bottom of the screen, and then tap Save.

**To import all contacts from your SIM card**

You can copy all your SIM contacts to your phone. You can import them as Phone contacts, or as Google or Exchange ActiveSync contacts, if you have set up the relevant accounts (for more information sees "Contact sources" in this chapter).

1. On the Contact tab, press MENU, and then tap Import.
2. If you have Google or Exchange ActiveSync accounts set up on your phone, choose the type for the imported contacts, and then tap OK.


**To import one contact from your SIM card**

1. On the Contact tab, tap the contact you want to import.
2. On the Contact Details screen for that contact, press MENU, and then tap Save to contacts.


**To delete multiple contacts**

1. On the Contact tab, press MENU and then tap Delete contacts.
2. Select the contacts you want to delete and tap Done.
3. When prompted, tap OK.

**To delete one contact**

On the Contact tab, press and hold the contact, and then tap Delete contact.

**To send contact information via MMS as a vCard**

On the Contact tab, press and hold the contact you want to send, and then tap Send contact as vCard. Enter the recipient and an optional message, and then tap Send.

**Using Favorites**

On the Favorites tab, add the Contact you interact with most frequently, so that you can always access them

quickly.

**To add a favorite contact**

1. On the Favorites tab, tap Add favorite Contact, and then tap the contact you want to add.
2. Choose a default communication method. When you have added the Contact widget to the Home screen, you can tap a favorite contact to get in touch with him or her directly using this method. For more information, see "Adding the Contact widget" earlier in this chapter.

**To remove a favorite contact**

1. On the Favorites tab, press MENU, and then tap Remove favorite.
2. Tap the favorite contact you want to delete, and then tap Done.
3. When prompted, tap OK.

## Chapter 4- Entering Text

### 4.1 Using the Onscreen Keyboard

When you start a program or select a field that requires text or numbers, the onscreen keyboard becomes available. You can choose from these keyboard layouts: QWERTY, and Phone keypad.

**Using the landscape onscreen keyboard**
When entering text, you can choose to use the landscape orientation of the onscreen keyboard, by turning the phone sideways, to use a larger keyboard that lets you type easily using two thumbs.

**Notes** . The **Orientation** check box in **HOME > MENU > Settings > Sound & display** needs to be selected for the screen orientation to automatically change.

. The landscape orientation keyboard is not supported in all applications.

**QWERTY**
QWERTY is a keyboard layout similar to a desktop computer keyboard.
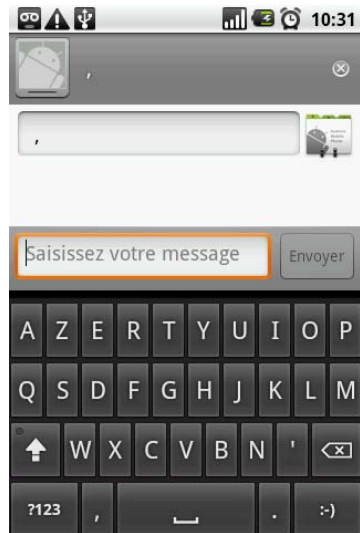
**To enter text using QWERTY**

1. Start a program that accepts text input

2. Start tapping keys on the onscreen keyboard as you would on a PC keyboard to enter your text.

**Phone keypad**

Phone keypad is a 12–key onscreen keypad that has a layout similar to mobile phone keypads, plus some additional keys. The Phone keypad has large keys and enhanced input features, which makes it faster for you to enter text in your messages and documents.

**To enter text using Phone keypad**

1. Start a program that accepts text input.

2. Start tapping keys on the onscreen keyboard to enter your text.

## 4.2 Entering Numbers and Symbols

Switch to the numeric and symbol onscreen keyboard to let you easily enter numbers and common symbols
such as parentheses, braces, currency signs, punctuation marks, special characters, and more.
To switch to the numeric and symbol onscreen keyboard, tap the numeric and symbol icon on the alphanumeric
keyboard.

## Chapter 5- Exchanging Messages

### 5.1 Sending Text and Multimedia Messaging

Messages lets you compose and send text (SMS) and multimedia messages (MMS) to other mobile phones.

#### Opening Messaging
Press HOME, then tap up arrow button, and then tap Messaging.

#### Creating and sending SMS and MMS Message
You can compose text (SMS) Messaging of up to 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.
Multimedia Messaging, also known as MMS, can contain text and a picture, a recorded voice, an audio or video file, a picture slideshow, contact card (vCard), or appointment (vCalendar).

> **Note** The Messaging application automatically converts a text message into a multimedia Messaging when you entered an email address in the **To**    field, added a message subject, or attached an item.

#### To create and send a text message
1.      On the All messages screen, tap New message. The Compose screen opens.
2.      Enter the mobile phone number of the message recipient in the To field. As you enter the phone number, matching contacts will appear on the screen. Tap a recipient or continue entering the recipient's phone number.
3.      3. Tap the text box that contains the text "Type to compose", and then start composing your message.
> **Note** As you near the 160–character limit, a counter will appear in the top right corner of the text box to tell you how many characters are left. Once you go over that limit, a new message is created but automatically joined into one when received.

4.　　4. When done, tap Send to send the text message.

**To create and send a multimedia (MMS) message**

1. On the All messages screen, tap New message. The Compose screen opens.

2. Enter the mobile phone number or email address of your message recipients in the To field. As you enter the phone number or email address, matching contacts will appear on the screen. Tap a recipient or continue entering the recipient's phone number or email address.

**Tip** You can add a subject line by pressing MENU and then tapping **Add subject**.

3. Tap the text box that contains the text "Type to compose", and then start composing your message.

**Note** As you near the 160–character limit, a counter will appear in the top right corner of the text box to tell you how much characters are left.

4. Press MENU and then tap Attach.

5. On the Attach window, select from the following file attachments:

- **Picture**. Opens the Albums application. Select a picture to attach it to your message.
- **Capture picture.** Opens the Camera application. Take a picture of your subject, and then tap Done to attach it to your message. For more information about the Camera application, refer to "Using Camera and Camcorder" in Chapter 7.
- **Video**. Opens the Albums application. Select a video to attach it to your message.
- **Capture video**. Opens the Camcorder application. Shoot a video, and then tap Done to attach it to your message. For more information about the Camcorder application, refer to "Shoot videos" in Chapter 7. . Record audio. Opens Voice Recorder. Tap **start** to start recording your message, and then tap to stop.
- **Audio**. Opens the Select music track screen. Tap an audio file to select, and then tap OK to attach the file into your message. The music file plays back when you tap it.
- **Record audio** Recording a audio & attach it to message.
- **Slideshow**. Opens the Edit slideshow screen. Tap Add slide to create a new slide. Tap the created slide (for example, Slide 1), tap Insert picture, and then select the picture you want to add to the slide. You can also navigate to the text box and enter a caption for the picture. When

finished, tap Done to attach the slideshow to your message.

6. When you are finished composing the multimedia message, tap Send.

**Note** To receive delivery reports and know when a picture message is received, in the All messages screen, press MENU, and then tap **Settings**. Select the **Delivery reports** check box below the MMS settings section.

### To save a message as a draft

While composing a text or multimedia message, press **BACK** to automatically save your message as a draft. To resume composing the message, tap the message in the All messages screen. Continue editing the message, and then tap Send to send it.

### Receiving text and multimedia messages

Depending on your notification settings, the phone will play a ring tone, vibrate, or display the message briefly in the status bar when you receive a new text or multimedia message. To change the notification for new text and multimedia messages, see "Setting text and multimedia message options" later in this chapter.

A new message icon also appears in the notifications area of the status bar to notify you of a new text or multimedia message. The Messages application icon
(if shown on the Home screen) also displays the number of new messages
To open the message, refer to the next section.

### Managing messages and message threads

Text and multimedia messages that are sent to and received from a contact (or a number) are grouped into conversations or message threads in the All messages screen. Threaded text or multimedia messages let you see exchanged messages (similar to a chat program) with a contact on the screen. Message threads are listed in order of when you received them, with the latest message on top of the thread.

### To open and read a text message

Do one of the following:

- Press HOME, then press and hold the status bar, and then slide it down to open the Notifications panel. Tap the new message to open and read it.
- On the All messages screen, tap the text message or message thread to open and read it.

To return to the All messages screen from a text message thread, press MENU and then tap All messages.

**Notes** . To view the details of a particular message, in the message thread, press and hold the message to

open the options menu, and then tap **View message details**.

- If a message contains a link to a web page, tap the link to let you open the link in Browser or add the URL as a bookmark.
- If a message contains a phone number, tap the message to open Dialer so you can call the number.

**To open and view a multimedia message**

1. On the All messages screen, tap a multimedia message or message thread to open it.
2. Tap the Play button at the right side of a multimedia message to view it.

Tip You can save the file attachment on the multimedia message to the SD card. To save, press and hold the file and then tap **Copy attached to SD card** on the options menu.

Notes . When **Auto–retrieve** in MMS settings is disabled, only the message header is downloaded. To download the entire message, tap the **Download** button at the right side of the message. Once the message has downloaded, tap the **Play** button to view the message. For details, see "Setting text and multimedia message options" later in this chapter.

If you are concerned about the size of your data downloads, check the multimedia message size before you download it.

**To reply to a text or multimedia message**

1. On the All messages screen, tap a text or multimedia message thread to open it.
2. Tap the text box at bottom of the screen, enter your reply message, and then tap Send.

Tip To reply a text message with a multimedia message, open the text message, press MENU and then tap **Add subject**, or **Attach**. The text message is automatically converted into a multimedia message.

**To delete a message or a message thread**

1. On the All messages screen, tap the message thread that you want to delete.
2. Do one of the following:
   - To delete the entire thread, press MENU and then tap Delete. When prompted to confirm, tap OK.
   - To delete a message in a thread, press and hold the message that you want to delete, and then tap Delete message on the options menu. When prompted to confirm, tap OK.

Note To delete several messages on the All messages screen, press MENU while on the All messages screen,

tap **Delete**, select the messages you want to delete, and then tap **Delete**.

**Setting text and multimedia message options**

On the All messages screen, press MENU and then tap Settings to set the text or multimedia message options. You can set the following:

**SMS settings**

- **Delivery reports** Select this option to receive a report on the delivery status of your message.
- **Service Center** Displays the message service center number used. Tap to change the number. It is recommended that you do not change the number here for it may cause problems in receiving and sending messages.
- **Manage SIM card** Tap to view text messages stored on your SIM card. You can also delete **messages** or copy these messages to your phone's memory.

**MMS settings**

- **Delivery reports** Select this option to receive a report on the delivery status of your message.
- **Read reports** Select this option if you want to receive a report whether each recipient has read or has deleted the message without reading it.
- **Auto–retrieve** Select this option to automatically retrieve all your MMS messages completely. When selected, the MMS message header plus the message body and attachments will automatically download to your phone. If you clear this check box, only the MMS message header will be retrieved and shown in your All messages screen.
- **Roaming auto– retrieve** Select this option to automatically retrieve all your MMS messages completely when roaming. This may incur significant phone charges.
- **Priority setting** Set the message priority of MMS messages sent.
- **Maximum message size** Set the maximum file size of an MMS message. The MMS message will not be sent out if it exceeds the file size set here.

**Notification settings**

Notifications Select this option if you want to receive a notification in the status bar when a new text or multimedia message arrives.

Select sound If you want the phone to ring when a new message arrives, tap this option, and then select a ring tone that is specific to new text and multimedia messages. Note that the ring tone briefly plays when selected.

Vibrate Select this option if you want the phone to vibrate when a new text or multimedia message arrives.

**Adding the Messages widget**

Add the Messages widget to let you read your messages on the Home screen. To learn how to add widgets, refer to Chapter 1.

## 5.2 Using Email

The Email application lets you add external POP3 or IMAP email accounts from popular web–based email service providers such as Yahoo!. Email Plus, and AOL.. It also lets you add an Exchange ActiveSync account on your phone.

### Adding a POP3/IMAP email account

1  Press HOME, then tap , and then tap Email.

2  On the **Choose a mail provider** screen, tap **Other (POP3/IMAP)**.

> **Note** If the account type you want to set up is not in the phone database, you will be asked to enter more details. It is recommended that you get all pertinent information for the email account such as incoming/outgoing server settings before you proceed.

3  Enter the Email address and Password for the email account and then tap Next.

4  Enter the Account name and Your name and then tap Finish setup.

### Adding a Microsoft Exchange ActiveSync account

You can only add one Microsoft Exchange ActiveSync account on your phone.

1. Press HOME, then tap up arrow, and then tap Email.

> **Note** Your corporate Exchange Server must support auto–detect for the phone to automatically set up the Exchange ActiveSync account. If your corporate Exchange Server does not support auto–detect, you will need to enter your Exchange Server settings after you tap **Next**. Ask your Exchange Server administrator for details.

2. On the Choose a mail provider screen, tap Microsoft Exchange ActiveSync.

3. Enter the Exchange ActiveSync account details and then tap Next.

4. Select the type of information you want to synchronize and then tap Finish setup.

### Synchronizing Exchange ActiveSync emails

You can set Exchange ActiveSync to automatically check for new Exchange ActiveSync emails.

1.  Press HOME > MENU, and then tap Settings > Data synchronization > Exchange ActiveSync.

2.  Tap Schedule and then tap the time interval you want to use to check for new emails.

**Tip** On the Exchange ActiveSync screen, tap **Sync now** at the bottom of the screen to manually check

for new emails.

**Changing Exchange ActiveSync settings**

1.    Press HOME > MENU, and then tap Settings > Data synchronization > Exchange ActiveSync.

2.    Press MENU and then tap Settings.

3.    Change the general settings and mail and calendar settings according to your preference.

4.    Press BACK after you are done.

**Creating another email account**

●   Do one of the following:

●   If you are in the Accounts list screen, press MENU, and then tap New account

●   If you are in the Inbox of an email account, press MENU and then tap More > New account. To switch to another account, in an email account inbox, tap the arrow and then select the email account to use.

**Composing and sending emails**

1. Press HOME, then tap up arrow button, and then tap Email.

2. On the email account Inbox, press MENU and then tap Compose. Down arrow icon on the upper-right corner to switch to a different email account.

3. Enter the message recipient's email address in the To field. As you enter information, matching contacts will appear on the screen. Tap the recipient or continue entering the email address. If you are sending the email to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.

**Tips** . If you want to send a carbon copy (Cc) or a blind carbon copy (Bcc) of the email to other recipients, press MENU and then tap **Add recipient > Cc** or **Bcc**.

If you have set up an Exchange ActiveSync account, press MENU and then tap **Add recipient > To > Company directory** to let you add recipients from the Exchange ActiveSync account contacts.

4. Enter the subject, and then compose your message. Tap **Send**.

**Note** Tap **Save as draft** to save the message as a draft.

**Viewing and replying to emails**

1. Press HOME, then tap up arrow button, and then tap Email.

2. On the email account Inbox, tap the email you want to view.

3. Tap Reply or Reply all to reply to the email.

For an Exchange ActiveSync account, you can mark an email. To mark an email, while viewing an email, tap the white flag on the upper–right corner of the screen. The flag turns red when you mark the message.

### Managing emails on your external email account

### To filter the inbox

Tap a tab at the bottom of the screen to filter inbox by individual emails, conversations, or emails with attachments.

### To sort messages

1. On the email account Inbox, press MENU, and then tap Sort.
2. Select from the following sort options:
   - Date (Most recent/Oldest)　Sorts email messages by the time you received it.
   - Subject (A-Z/Z-A)　Alphabetically sort email messages by subject.
   - Sender (A-Z/Z-A)　Alphabetically sort email messages by sender.
   - Size (Largest/Smallest)　Sort emails by file size.

### To delete a message

1. On the email account Inbox, press and hold the email you want to delete.
2. On the options menu, tap Delete. When prompted to confirm deletion, tap OK.

### To delete multiple messages

1. On the email account Inbox, press MENU and then tap Delete.
2. Tap the emails you want to delete, and then tap Delete.

### Editing email account settings

1. Press HOME, then tap up arrow button, and then tap Email.
2. Switch to the email account you want to edit.
3. Press MENU and then tap More > Settings.
   - **Account settings** Change the email account settings such as the name, email address, password, and description.

   - **General settings** Set the font size when reading emails, enable, disable or set the signature, set the account as the default email account, and set where to save email attachments.

- **Send & receive** Set the maximum email file size limit when receiving and frequency to check for new emails and how many to check for. You can also set to have    emails that you send bcc'd to yourself.

- **Notification settings** Set email notification settings.

- **Delete account** Tap to delete the email account.

**Sending a meeting request using the Exchange ActiveSync account**

1. Press HOME, then tap up arrow button, and then tap Email.
2. Switch to the Exchange ActiveSync account.
3. Press MENU and then tap More > New meeting invitation.
4. Enter the meeting details and then tap Send.

**Deleting an email account**

1. Press HOME, then tap up arrow button, and then tap Email.
2. Switch to the email account you want to delete.
3. Press MENU and then tap More > Settings > Delete account.

**Adding the Email widget**

Add the Email widget to let you view your POP3/IMAP or Exchange ActiveSync emails on the Home screen. To learn how to add widgets, refer to Chapter 1.

## Chapter 6- Getting Connected

### 6.1 Connecting to the Internet

Your phone's networking capabilities allow you to access the Internet through GPRS/3G (or EDGE, when available) or Wi–Fi.

### 6.2 GPRS/3G/EDGE

Your phone will be automatically configured to use your wireless service provider's GPRS/3G/EDGE service when you turn on your phone (if the SIM card is inserted) for the first time.

**Checking the network connection you are using**

1. Press HOME > MENU and then tap Settings.
2. Tap Wireless & networks > Mobile network settings > Network operators or Access Point Names.

**Turning GPRS/3G on or off**

1. Press HOME > MENU and then tap Settings > Wireless & networks.
2. Select the Mobile network check box to turn on data connection; clear the check box to turn off data connection.

**Creating a new access point**

When you need to add another GPRS/3G/EDGE connection on your phone, obtain the access point name and settings (including username and password if required) from your wireless service provider.

1. Press HOME > MENU and then tap Settings.
2. Tap Wireless & networks > Mobile network > Access Point Names.
3. On the APNs screen, press MENU and then tap New APN.
4. In the Edit access point screen, enter the APN settings. Tap the APN setting item to edit it.
5. Press MENU and then tap Save when you finish setting up the new APN.

## 6.3 Wi-Fi

Wi–Fi provides wireless Internet access over distances of up to 100 meters. To use Wi–Fi on your phone, you need access to a wireless access point or "hotspot".

> Note The availability and range of the Wi–Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

**Turning Wi–Fi on and connecting to a wireless network**

1. Press HOME > MENU, and then tap Settings > Wireless & networks.
2. Select the Wi–Fi check box to turn Wi–Fi on. The phone will scan for available wireless networks.
3. Tap Wi–Fi settings. The network names and security settings (Open network or Secured with WEP) of detected Wi–Fi networks are displayed in the Wi–Fi networks section.
4. Tap a Wi–Fi network to connect. If you selected an open network, you will be automatically connected to the network. If you selected a network that is secured with WEP, enter the key and then tap Connect.

**Notes** . The next time your phone connects to a previously accessed secured wireless network, you will not be prompted to enter the WEP key again, unless you reset your phone to its factory default settings.

Wi-Fi networks are self-discoverable, which means no additional steps are required for your phone to connect to a Wi-Fi network. It may be necessary to provide a username and password for certain closed wireless networks.

**Checking the wireless network status**

You can check the current wireless connection status from the following:

- **Status bar**   When your phone is connected to a wireless network, the Wi-Fi icon Network notification in Wi-Fi settings is enabled, this icon appears in the status bar and tells you the approximate signal strength (number of bands that light up). If appears in the status bar whenever the phone detects an available wireless network within range.

- **Wi-Fi networks** On the Wireless & networks screen, tap **Wi-Fi settings**, then tap the wireless network that the phone is currently connected to.
  A message box will be displayed showing the Wi-Fi network name, status, speed, signal strength, and more.

    **Note** If you want to remove the wireless network settings on your phone, tap **Forget** on this window. You need to enter the settings again if you want to connect to this wireless network.

**To connect to another Wi-Fi network**

1. On the Wireless & networks screen, tap Wi-Fi settings. Detected Wi-Fi networks are displayed in the Wi-Fi networks section.

    **Tip** To manually scan for available Wi-Fi networks, on the Wi-Fi settings screen, press MENU and then tap **Scan**.

2. Tap another Wi-Fi network to connect to it.

    **Note** If the wireless network you want to connect to is not in the list of detected networks, scroll down the screen, then tap **Add a Wi-Fi network**. Enter the wireless network settings, then tap **Save**.

**Adding the Data connection and Wi–Fi widgets**

Add the Data connection and/or Wi–Fi widget to the Home screen to make it faster for you to turn on or off these connections. Tap the widget to turn on or off the connection.

To learn how to add widgets, refer to Chapter 1.

## 6.4 Using Browser

Open Browser to start surfing the web. Browser is fully optimized and comes with advanced features that let you enjoy Internet browsing on your phone.

> **Note** You must have an active data (3G, GPRS) or Wi–Fi connection to access the Internet.

**Opening Browser**

Do one of the following:

- Press HOME, then tap Browser.
- Press HOME, then tap up arrow button, and then tap Browser.

**Going to a web page**

1. On the Browser screen, press MENU and then tap the URL field on top of the screen.
2. Enter the web page address using the keyboard. As you enter the address, matching web page addresses will appear on the screen. Tap an address to go directly to that web page or continue entering the web page address.
3. Tap Go.

**Setting your home page**

1. Press MENU and then tap More > Settings > Set home page.
2. In the Set home page screen, select the home page you want to use.

**Changing the screen orientation**

The phone automatically changes the screen orientation depending on how you are holding your phone.

> **Note** The Orientation check box in HOME> MENU > Settings > Sound & display needs to be selected for the screen orientation to automatically change.

**Browsing classic views (not mobile version) of web pages**

On a browser screen, press MENU, then tap More > Settings, and then clear the Mobile view check box.

**Navigating on a web page**

You can slide your finger on the screen in any direction to navigate and view other areas of the web page.

Slide your finger left or right to scroll horizontally.

Slide your finger up or down to scroll vertically.

**Zooming in or out on a web page**

Tap the screen twice quickly to zoom in, then tap the screen twice quickly again to zoom out. You can also use your fingers to pinch or spread the screen to zoom in and out.

Use your thumb and index fingers to 'spread' the web page to zoom in.

Use your thumb and index fingers to 'pinch' the web page to zoom out.

**Opening a new browser window**

Open multiple browser windows to make it easier for you to switch from one web site to another. You can open up to 4 browser windows.

1.      On a browser window, press MENU and then tap Windows.

2.      Tap the "+" button.

A new browser window opens and goes to the home page that is set.

**Switching between browser windows**

1.      On a browser window, press MENU and then tap Windows.

2.      Select the browser window you want to view by sliding your finger on the screen from right to left.

**Finding text within a web page**

1.      While viewing a web page, press MENU and then tap More > Find on page.

2.      Enter the search item. As you enter characters, matching characters will be highlighted in green. Tap the left or right arrow to go to the previous or next matching item.

**Selecting links in web pages**

Navigate to links on a web page using the slide your finger on the screen. Links are enclosed in a colored box when selected.

| Link | What to do |
|------|-----------|
| Web page address | Tap the link to open the web page. |

| (URLs) | Press and hold the link to open a menu that allows you to open, bookmark, copy to the clipboard, or share the link via email. |
|---|---|
| Email address | Tap to send an email message to the email address.<br>Press and hold, then tap **Copy** on the menu to copy the email address to the clipboard.<br>You can paste the email address later when creating a new contact or sending a new email message. |

Browser also recognizes some phone numbers and addresses that allow you to call the phone number or locate the address in Google Maps.. Recognized phone numbers and addresses are highlighted in green when navigated to.

| Link | What to do |
|---|---|
| Location address | Tap the address to open Google Maps and locate the address. |
| Phone number | Tap to open the Phone screen to call the phone number. |

**Tip** When links are too small for tapping directly on the screen, highlight it with the TRACKBALL, then either press the TRACKBALL to open the link, or press and hold the TRACKBALL to select an option from the menu.

**Downloading web applications**

Before you can download web applications, you must first enable downloading from the Call settings.

1. Press HOME > MENU, and then tap Settings > Applications.
2. Select the Unknown sources check box.
3. When the Attention dialog box opens, tap OK.

**Note** All downloaded applications are saved to the storage card. Before you download an application from the web, make sure that you have installed a storage card on your phone. For information on how to install a storage card, refer to Chapter 1.

**Warning!** Applications downloaded from the web can be from unknown sources. To protect your phone and personal data, download applications only from trusted sources such as Android Market. Refer to "Android Market" in Chapter 8 for details.

**To view your downloads**

On a browser screen, press MENU and then tap More > Downloads.

**Managing bookmarks**

You can store as many bookmarks as you want on your phone.

**To bookmark a web page**

1.    On a browser screen, go to the web page you want to book mark.

2.    Press MENU and then tap New bookmark. The New bookmark screen opens.

3.    Edit the bookmark Name if needed and then tap Done.


**To open a bookmark**

1.    On the Browser screen, press MENU and then tap Bookmarks.

2.    Select the bookmark you want to open by sliding your finger from right to left.

3.    Once the bookmark you want to open is selected, tap it to open it. By default, a snapshot of the
       bookmarked web page is shown, letting you visually select the bookmark. You can toggle between using
       visual bookmarks or a list by pressing MENU and then tapping List or Thumbnails.

**To edit a bookmark**

1.    On the Browser screen, press MENU and then tap Bookmarks.

2.    Press MENU and then tap Edit.

3.    Select the bookmark you want to edit by sliding your finger from right to left.

4.    Once the bookmark you want to edit is selected, tap it.

5.    Enter your changes and tap Done.

If you are using the List view, press and hold the bookmark you want to edit, and then tap Edit bookmark to edit
the bookmark.

**Setting Browser options**

Customize Browser to suit your browsing lifestyle. Set display, privacy,    and security options when using
Browser.

On the Browser screen, press MENU, and then tap More > Settings.

## 6.5 Using Bluetooth

Bluetooth is a short–range wireless communications technology that allows Bluetooth devices to exchange

information over a distance of about eight meters without requiring a physical connection.

Bluetooth on your phone operates in three different modes:

- On. Bluetooth is turned on. Your phone can detect other Bluetooth-enabled devices, but not vice versa.
- Discoverable. Bluetooth is turned on, and all other Bluetooth-enabled devices can detect your phone.
- 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, then turn off your phone, Bluetooth also turns off. When you turn on your phone 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.

### Turning on Bluetooth and making the phone discoverable

1. 1. Press HOME > MENU, and then tap Settings.
2. 2. Tap Wireless & networks, then select the Bluetooth check box to turn on Bluetooth. When on, the Bluetooth icon appears in the status bar.
3. 3. Tap Bluetooth settings, then select the Discoverable check box to make the phone discoverable to other Bluetooth devices that are within range.

**Important** Your phone will be discoverable for up to two minutes.


### Changing the phone name

The phone name identifies your phone in a Bluetooth network.

1. Make sure that you have turned Bluetooth on.
2. On the Wireless & networks screen, tap Bluetooth settings > Device name.
3. Enter the name for your phone in the dialog box, then tap OK.


### Pairing and connecting a Bluetooth hands–free headset or car kit

You can connect your phone to a Bluetooth hands–free headset or a Bluetooth car kit and use those devices to listen to music and send and/or receive calls. Before you can use a Bluetooth hands–free headset or car kit, you must pair it first with your phone.

**Important** The phone supports the following Bluetooth profiles: Headset, Handsfree, A2DP, and
AVRCP.

1.  Press HOME > MENU, and then tap Settings.
2.  Tap Wireless & networks > Bluetooth settings and then select the Bluetooth check box.
3.  Tap Scan for devices. Your phone will start to scan for Bluetooth devices within range and will display all
    detected devices below the Bluetooth devices section.
    > **Tips** . If you do not find the device in the list, tap **Scan for devices** to scan again.
    > Make sure that the Bluetooth device that you want to pair with is set to discoverable mode.
    > Consult the Bluetooth device's documentation to learn how to set it to discoverable mode.
4.  Tap the hands-free headset or car kit in the list to start pairing.
    > **Note** For some Bluetooth devices, you need to enter a passcode to pair with the Bluetooth device.
    > You can try "0000" as the passcode. If that does not work, consult the Bluetooth device's
    > documentation.
5.  The pairing and connection status will appear below the hands-free headset or car kit name in the
    Bluetooth devices list. When the other Bluetooth hands-free headset or car kit is connected to
    your phone, the Bluetooth connected ) will appear in the status bar. You can now start using the
    hands-free headset or car kit to listen to music and to make and/or receive phone calls.
    > **Notes** Pairing between two Bluetooth devices is a one-time process. Once pairing is created, the
    > devices can recognize the partnership and exchange information without entering a passcode
    > again.
    > If you pair with a second headset while connected to the first, the first headset will be
    > disconnected. To switch connection back to the first headset, you must manually select that
    > headset again in the Bluetooth devices list.

**Disconnecting a Bluetooth hands-free headset or car kit**

1.  Press HOME > MENU, and then tap Settings.
2.  Tap Wireless & networks > Bluetooth settings.
3.  Navigate to the Bluetooth devices section, then press and hold the connected hands-free headset
    or car kit.

4.     Tap Disconnect.

Tap Disconnect & unpair if you want the phone to erase all pairing information with the hands–free headset or car kit. You will be prompted to enter the passcode again when you connect to that Bluetooth device.

## 6.6 Using Your Phone as a Modem

If you find yourself in a place without an Internet access for your computer, you can connect your computer to the Internet by using your phone's data connection (_G, for instance).

**Important** You need to install Sync before you can use your phone as a modem. Refer to "Using Sync " in Chapter 9 for details.

**Note** You need a SIM card installed on your phone to use it as a modem for your computer.

1.     Make sure your phone's data connection is turned on. See "Turning GPRS/3G on or off" earlier in this chapter to learn how to turn on the phone's data connection.
2.     Connect the phone to the computer using the provided USB cable.
3.     Press HOME > MENU, and then tap Settings > Wireless & networks.
4.     Select the Mobile network sharing check box.

**Note** When using Mobile network sharing, the USB mass storage feature is disabled. Also, you will not be able to use Sync.

## Chapter 7- Camera and Multimedia

### 7.1 Using Camera and Camcorder

Use Camera or Camcorder to take and share pictures and videos. Your phone comes with a 5.0 megapixel camera with auto–focus feature that lets you capture sharp pictures and videos.

**Important** You must install a storage card before you use Camera or Camcorder. All pictures or videos that you capture on your phone are stored on the storage card. For more information on how to

install a storage card on your phone, refer to Chapter 1.

**Opening Camera**

Press HOME, and then tap Camera if you want to capture photos or Camcorder if you want to shoot videos.
When you open Camera, the screen orientation will depend on how you are holding the phone.
For camcorder, the screen automatically switches to landscape orientation.

> **Tip** You can easily switch to the other capture mode while you are in Camera or Camcorder. Refer
> to "Changing capture modes" in this chapter for details.

To show the Zoom control and the remaining available shots or recording duration, slide your finger up or
down on the Camera screen. The Zoom control will disappear after a few seconds.

**Closing Camera**

On the Camera screen, press HOME or BACK.

**Changing capture modes**

The phone offers two capture modes: Photo and Video. On the screen, tap Photo and Video icon to switch
between Photo and Video modes.

**Taking pictures**

1. Switch to **Photo** capture mode.
2. Frame your subject on the screen.

> **Tip** Hold the phone upright when taking portrait shots or hold the phone horizontally when taking
> landscape shots. By doing this, you do not need to rotate the photo after capturing it.

3. Tap an area on the screen you want to focus. The auto–focus indicator appears and starts to
   focus on the selected area.
4. Press the shutter button to take the shot.

> **Tip** Slide your finger up or down on the Camera screen to show the Zoom control. Drag the Zoom
> control slider up or down to zoom in or out. You can also slide your finger up or down on the
> screen to zoom in or out.

**Shooting videos**

1. Switch to the **Video** capture mode.
2. Frame your subject on the screen.

3.      Press the shutter button to start capturing video. Press the shutter again to stop capturing video.

**Review screen**

After capturing a photo or video, the review screen lets you save, view, send, or delete the picture or video by tapping a button at the bottom of the screen.

**Camera menu panel**

The Camera menu panel lets you adjust basic camera settings and access advanced camera settings.

**To open the menu panel**

While on the Camera screen, press MENU.

1. <span style="color:red">Resolution</span> Tap to change the resolution (capture size).
2. <span style="color:red">White Balance</span> Tap to adjust the white balance. White balance enables the camera to capture colors more accurately by adjusting to the current lighting environment. White balance settings include: Auto, Daylight, Cloudy, Incandescent, and Fluorescent.
3. **Brightness** Tap to open the Brightness bar so you can adjust the brightness. to decrease, or    to increase the brightness level. Tap outside the Brightness bar to apply the change.
4. **Zoom** Tap to show the Zoom control.
5. **Advanced** Tap to open the advanced camera settings.

## 7.2 Using Albums

Albums lets you view photos and play back videos. For photos, you can also do basic editing tasks, set them as your wallpaper or contact picture, and share to your friends.

**Opening Albums**

Press HOME, and then tap Albums. If you stored your files in folders (directories) on the storage card, Albums will display these folders as separate albums.

When viewing pictures in Albums, slide up and down on the screen to view more albums.

<span style="color:blue">Notes</span>    <span style="color:blue">Depending on the number of pictures stored on the storage card, it may take a while for Albums to load    all your photos on the screen.</span>

**Working with pictures**

Once you have taken a picture, you can view it or share it with friends.

**To view pictures in Albums**

1.  On the Albums screen, go to the Albums tab, and then tap an album to view the pictures inside the album.
2.  Slide your finger onscreen to go through the pictures. Tap the thumbnail to view it in full screen.

> **Tip** You can choose to display the photos as thumbnails. To view the photos inside the album as thumbnails, press MENU and then tap **Grid view**.

**To zoom in or out on a picture**

Tap the screen twice quickly to zoom in, then tap the screen twice quickly again to zoom out. You can also use your fingers to pinch or spread the screen to zoom in and out.

Use your thumb and index fingers to 'spread' the picture to zoom in.

Use your thumb and index fingers to 'pinch' the picture to zoom out.

**To view a picture in landscape orientation**

Turn your phone sideways to view the picture in landscape mode. The picture orientation automatically adjusts to how you hold the phone.

> **Note** The **Orientation** check box in **HOME> MENU > Settings > Sound & display** needs to be selected for the screen orientation to automatically change.

If you want to rotate the picture and save the rotated state, see "To rotate and save the rotated state" below.

**To rotate and save the rotated state**

1.  View the picture you want to rotate in full screen
2.  Press MENU, then tap Rotate, and then select either Rotate left or Rotate right.

> **Note** The Picture rotates 90 degrees counter–clockwise (Rotate left) or 90 degrees clockwise (Rotate right) each time you tap one of the Rotate options.

**To crop a picture**

1.  While viewing a picture in full screen, press MENU and then tap More > Crop. The cropper tool appears.
2.  Do one of the following:

- To adjust the cropper size, press and hold the edge of the cropper tool. When the cropper arrows appear, drag your finger inward to or outward from the centre of the cropper to resize it.
- To move the cropper to another area on the picture, press and hold inside the cropper, then drag it with your finger to the desired position.

3. Tap Save to apply the changes to the picture.

   Note The cropped picture is saved in the storage card as a copy. The original picture remains unedited.

**To send pictures using a messaging application**

1. In the Albums screen, open the album where the pictures you want to share are in.
2. Tap icon and then on the Share options menu, tap Messages, Gmail/Google
3. Select the pictures you want to share and then tap Next.

   Note For **Gmail/Google Email** and **Messages**, tap the picture you want to send. You can only send one picture.

4. The pictures are automatically added as an attachment to the email or added into the MMS message.

   Note If you selected **Email** and you have multiple email accounts, the default email account will be used.

5. Compose your message and then tap Send.

**Working with videos**

Once you have taken a video, you can view it or share it with friends.

**To watch videos**

1. On the main Albums screen, tap a video album and then tap the video you want to watch to start playing back the video.
2. Slide your finger onscreen to go through the videos. Tap the thumbnail to view it in full screen. The screen automatically switches to landscape mode when you play back a video.

**To send a video using email**

1. In the Albums screen, open the album where the videos you want to share are in.
2. Tap icon and then on the Share options menu, tap Gmail/Google Email or Email.
3. Select the videos you want to send and then tap Next.

**Note** For **Gmail/Google Email**, tap the video you want to send. You can only send one video.

4. The videos are automatically added as an attachment to the email.

**Note** If you selected **Email** and you have multiple email accounts, the default email account will be used.

5. Compose your message and then tap Send.

**To send a video using Messages**

1. In the Albums screen, open the album where the videos you want to share are in.
2. Tap icon and then on the Share options menu, tap Messages.
3. Tap the video you want to send and then tap Next.
4. The video is automatically added into the MMS message.
5. Compose your message and then tap Send.

**To share videos on YouTube**

You can share your videos by uploading them to YouTube.. Before you do this, you must create a YouTube account and sign in to that account on your phone.

1. While viewing videos in a list, press and hold the video, and then tap Share on the options menu.
2. When prompted, tap YouTube.
3. Enter a Title, Description, and Tags for your video. Select the Public check box if you want to share the video with everyone.
4. Tap Upload.

**Tip** You can view the upload progress by opening the Notifications panel and then tapping **YouTube.** Refer to "To open the Notifications panel" in Chapter 1 to learn how to open the Notifications panel.

**Adding the Photo album or Photo frame widget**

Add the Photo frame or Photo album widget to let you view a single photo or a whole album on the Home screen. To learn how to add widgets, refer to Chapter 1.

**Closing Albums**

While in the Albums screen, press HOME or BACK to close the application.

## 7.3 Using Music

Music plays digital audio files from the phone's storage card. Since Music only plays audio files saved on the storage card of your phone, you must copy your audio files to the storage card before you open Music.

### Copying music into the storage card

1. Set the phone's storage card as a USB drive. See "Using the Phone's Storage Card as a USB Drive" in Chapter 1 for details.
2. On the computer, navigate to the USB drive and open it.
3. Create a folder on the root folder of the storage card (for example, Music).

   > **Tip** You can also create and use folders to organize your music inside the Music folder you have created.

4. Copy the music into the folder you have created.
5. After copying music, unmount or eject the drive as required by your computer's operating system to safely remove the phone.
6. Disconnect the phone from the computer.

### Opening Music

Press HOME, then tap up arrow button. , and then tap **Music**. The Playback screen displays.

### Playing music

Tap to turn shuffle on and off. (Shuffle is off when button is gray.) Tap to cycle through the repeat modes:

> **Tip** You can also swipe your finger from right to left or left to right to go to the next or previous song in the Now playing list.

> **Notes** . Press the VOLUME UP or VOLUME DOWN button to adjust the playback volume.
>
> If you are using the wired headset to listen to music, press the center button to toggle between playing and pausing playback. Press the previous or next buttons to go to the previous or next song.

### Listening to music on the Lock screen

When you are playing back music and the screen turns off, you can control the music playback from the Lock screen when you "wake up" the phone by pressing MENU or END CALL/POWER.

Tap to go to the previous song, play/pause music, or go to the next song in the Now playing list.

If you do not see the playback controls, tap to show the playback controls.

### Library

Your music is organized into different categories such as Albums, Artists, Genre, Composers, and more. Select a category by tapping one of the category tabs at the bottom of the screen. Tap a song in the category to play it back.

### Creating playlists

Use playlists to organize your music files. You can create as many playlists as you want on your phone.

1.  In the Library, go to the Playlist category (
2.  Tap   Icon   to add a playlist.
3.  Enter the Playlist name and then tap Save.
4.  Select a category to add songs from to the playlist. **Tip** Go to the Select music track category to show all the available songs.
5.  Select the songs you want to add to the playlist and then tap Add.

### Managing your playlists

#### To play the songs in a playlist

In the Playlists screen, tap the playlist name and then tap a song.

#### To add songs to a playlist

1.  In the Playlists screen, tap the playlist where you want to add songs.
2.  Press MENU and then tap Add songs.
3.  Select a category to add songs from to the playlist.
    Tip Go to the **Select music track** category to show all the available songs.
4.  Select the songs you want to add to the playlist and then tap Add.
    Tip While playing back a song, press MENU and then tap **Add to playlist** to add the current song to a playlist.

#### To rearrange the songs in a playlist

1.  In the Playlists screen, tap the playlist you want to edit.

2. Press MENU and then tap Change order.

3. Press and hold at the end of the song title you want to move. When the row is highlighted in green, drag it to its new position, then release.

4. Tap OK.

**To delete a song in a playlist**

1. In the Playlists screen, tap the playlist you want to edit.

2. Press MENU and then tap Delete songs.

3. Select the songs you want to delete and then tap Delete.

**To delete a playlist**

1. In the Playlists screen, press MENU and then tap Delete playlists.

2. Select the playlists to delete and then tap Delete.

**Setting a song as ringtone**

You can use songs as your phone ringtone.

1. In the Library, select the song that you want to use as ringtone and then play it back.

2. In the Playback screen, press MENU and then tap Set as ringtone.

3. In the Set as ringtone options menu, tap Phone ringtone or Contact ringtone.

   Note  If you select Contact ringtone, you need to select the contacts you want to associate the song with in the next screen.

**To check if the song was added as a ringtone**

1. On the Home screen, press MENU and then tap Settings.

2. On the Settings screen, tap Sound & display > Phone ringtone. The song should be listed as an option.

**Adding the Music widget**

Add the Music widget to control music playback on the Home screen. To learn how to add widgets, refer to Chapter 1.

# Chapter 8- Google Apps

## 8.1 Signing In to Your Google Account

Signing in to your Google Account lets you synchronize Gmail/Google Email, Calendar, and contacts between your phone and the web. You also need to sign in to a Google Account to use Google Apps such as Google Talk. and Android Market.

When you turn on the phone for the first time, you are given the option to sign in to your Google Account.

1. In the Setup accounts screen, tap Google account > Yes > Next.
2. Tap Sign in. Enter your user name and password, and then tap Sign in. After signing in, all emails, contacts, and calendar events on your Google Account will automatically synchronize with your phone.
   > **Note** Tap **Create** if you do not have a Google Account yet.

### Retrieving your Google Account password

If you forgot your Google Account password, you can retrieve it by doing the following:

1. On your computer, open your browser and go to http://google.com/accounts.
2. On the right side of the page, click I cannot access my account.
3. In the Please select your issue section, select I forgot my password.
4. Click **Reset** your password now, and then follow the procedure on how to recover your password.

## 8.2 Using Gmail/Google Email

Gmail/Google Email is Google's web–based email service. Gmail/Google Email is configured when you first set up your phone. Depending on your synchronization settings, Gmail/Google Email on your phone is automatically synchronized with your Gmail/Google Email account on the web. For more information about synchronization, see "Synchronizing Google Apps" in this chapter.

### To open Gmail/Google Email

Press HOME, then tap , and then tap Gmail/Google Email.

The Inbox conversations list (hereinafter referred to as Inbox) is your default Gmail/ Google Email view. All your received emails are delivered to your Inbox.

**To refresh Gmail/Google Email**

Press MENU and then tap Refresh to send or receive new emails and to synchronize your emails with your Gmail/Google Email account on the web.

**Creating and sending emails**

**To create and send an email**

1.  In the Inbox, press MENU and then tap Compose.
2.  Enter the message recipient's email address in the To field. If you are sending the email to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.

    **Note** If you want to send a carbon copy (Cc) or a blind carbon copy (Bcc) of the email to other recipients, press MENU and then tap **Add Cc/Bcc**.

3.  Enter the email subject, and then compose your email.

    **Tip** If you want to add a picture attachment, press MENU and then tap Attach. Select the picture you want to attach, and then tap OK.

4.  After composing your email, tap Send.

    **Note** While composing the message, tap **Save as draft** or press the BACK button to save it as a draft. To view your draft email messages, in the Inbox, press MENU and then tap **View labels > Drafts**.

**To add a signature to emails**

You can add a signature to email messages that you send.

1.  In the Inbox, press MENU and then tap Settings > Signature.
2.  Enter your signature in the text box, and then tap OK.

    **Tip** You can create a signature consisting of multiple lines of text. At the end of each line of text, tap **Return** on the onscreen keyboard to create another line.

**To view your sent messages**

In the Inbox, press MENU and then tap View labels > Sent.

**Receiving and reading emails**

Depending on your notification settings, the phone plays a ring tone, vibrates, or displays the email message briefly in the status bar when you receive a new email. A new email message icon also appears on the notifications area of the status bar to notify you of a new email.

> **Note** For more information on email notification settings, refer to the "Setting Gmail/ Google Email settings" section later in this chapter.

Gmail/Google Email groups each message you send with all the responses you receive. This conversation list continues to grow as new replies arrive, so you can always see your messages in context. Conversations are also referred to as message threads. A new message or a change to the subject of a current message will begin a new thread.

**To view emails**

Do one of the following:
- Press HOME, then press and hold the status bar, and then slide down your finger on the screen to open the Notifications panel. Tap the new email to view it.
- While in the Inbox, tap the unread email or the conversation with the unread email to view it.

**To search for email messages**

You can search for a specific email message by sender, word in a subject, or label.

1. In the Inbox, press MENU and then tap Search.
2. Enter the search keyword in the box, and then tap Search.

**Replying to or forwarding emails**

1. In the message thread, scroll down to the end of the conversation.
2. Tap Reply, Reply to all, or Forward.
3. Do one of the following:
   - If you selected Reply or Reply all, enter your reply message.
   - If you selected Forward, specify the message recipients.
4. Scroll down to the end of the message, and then tap Send.

**Managing conversations and emails Conversations**

In the Inbox, press and hold the conversation, and then tap:
- **Read** to open the email.

- **Archive** to archive the conversation.

  <span style="color:blue">**Tip** To display your archived messages, in the Inbox, press MENU and then tap **View labels > All Email.**</span>
- **Mute** to mute the entire conversation.

  <span style="color:blue">**Tip** If you're part of a long message conversation that isn't relevant, you can 'mute' the conversation to keep all future additions out of your Inbox.</span>
- **Mark read o**r **Mark unread** as desired. Unread messages are displayed in bold in the Inbox.
- **Delete** to delete the conversation.
- **Add star** or **Remove star** to assign a star or remove the star on the conversation .
- **Change labels** to add or change the label of the conversation.

  <span style="color:blue">**Note** You cannot use the phone to create labels; do that on the Gmail/Google Email web site.</span>

### Report spam to report the conversation as spam.

### Email messages

In the message thread, navigate to the email header or message using the TRACKBALL, press MENU and then tap:

### Archive to archive the email message.

<span style="color:blue">**Tip** To display your archived messages, in the Inbox, press **MENU**, and then tap **View labels > All Emails.**</span>

- Add star or Remove star to assign a star or remove the star on the conversation.
- Mark read or Mark unread as desired. Unread messages or threads with unread messages display in bold in the Inbox.
- Change labels to add or change the label of the conversation.

  <span style="color:blue">**Note** You cannot use the phone to create labels; do that on the Gmail/Google Email web site.</span>
- Delete to delete the email message.
- More >
    - Back to Inbox to return to your Inbox.
    - Mute to mute the entire conversation.

    <span style="color:blue">**Tip** If you're part of a long message conversation that isn't relevant, you can 'mute' the email to keep all future additions out of your Inbox.</span>
    - Report spam to report the email message as spam.

### Setting Gmail/Google Email settings

1. In the Inbox, press MENU and then tap Settings.
2. Set the following options:
    - **Signature** Tap to enter a signature that is appended at the end of your emails.
    - **Confirm delete** Select the check box to show a confirmation box when you delete a

conversation.
- **Batch operations** Select the check box to show the batch operations feature. The Batch operations feature lets you archive, delete, or apply a label to multiple emails at once.
- **Labels** Tap to select which Gmail/Google Email labels to synchronize.
- **Email notifications** Select the check box to show a notification icon on the status bar when you receive a new email.
- Tap **Select ringtone** if you want your phone to ring when a new email message arrives. On the ring tone menu, select a ring tone specific to new email messages. The ring tone plays briefly when selected. If you don't want a ring tone to play when you receive a new email message, tap Silent. Then tap OK to confirm your ringtone selection.
- Select **Vibrate** if you want your phone to vibrate when you receive a new email message.

## 8.3 Using Google Talk

Google Talk is Google's instant messaging program. It lets you communicate with other Contact that also use Google Talk.

> **Note** The Google Talk account that is set up is based on the Google Account that you used when you set up the phone.

### Signing in and chatting online To open Google Talk

Press HOME, then tap up arrow button, and then tap Google Talk

### To add a new friend

You can only add Contact who have a Google Account.

1. In the Friends list, press MENU and then tap Add friend.
2. Enter the Google Talk instant messaging ID or Google email address of the friend you want to add.

> **Note** When you add a friend with an instant messaging ID and has been saved in your contacts list, matching contacts will display on the screen as you enter information. You can tap the contact or continue entering the IM information.

3. Tap Send invitation.

### To view and accept an invitation

1. In the Friends list, press MENU and then tap Invites. All chat invitations you have sent or received are listed on the pending invitations screen.

2. Tap a pending invitation, and then tap Accept or Decline.

Note When someone you invite to chat accepts your invitation, the pending invitation disappears from the list.

**To change your online status and message**

1. Tap the online status icon beside your name, and then select the status you want on the menu.
2. Tap the text box on the left of your online status icon and then enter your status message using the onscreen keyboard.
3. Tap Return button

**To start a chat**

1. Do one of the following:
   - Tap a friend in the Friends list.
   - Navigate to a friend by flick the screen, and then type the item.
2. Chat with your friend by entering text using the onscreen keyboard.

Note To insert a smiley, press MENU and then tap **Insert smiley**. Tap a smiley to insert it into your message.

3. After entering your message, tap Send.

**To switch between active chats**

You can switch between chats if you have more than one chat going.

1. While on a chat screen or in the friends list, press MENU and then tap Switch chats.
2. On the panel that opens, tap the friend you with this friend. want to chat with.

**To close a chat**

Do one of the following:
- In your Friends list, press and hold a friend with an active chat and then tap End chat on the menu.
- While on a chat screen, press MENU and then tap End chat.

**Managing your friends**

Friends in your friends list is sorted by their online status — active chats, online, busy, and offline. Within the status groupings, friends are listed alphabetically.

By default, only the friends that you frequently communicate with — the most popular — are in the Friends list.

If you want to display all your friends, press MENU and then tap All friends.

**Tip** To switch back to displaying only your most popular friends, press MENU and then tap **Most popular.**

### To block a friend

You can block a friend from sending you messages. When blocked, your friend is also removed from your
Friends list.

1.  In the Friends list, locate the friend you want to block.

    **Note** If you cannot see the friend, Press MENU and then tap **All friends**.

2.  Press and hold the friend's name, and then tap Block friend. Your friend is removed from your friends
    list and is added to the blocked friends list.

    **Note** To unblock a friend, in the Friends list, press MENU and then tap **Blocked**. In the Blocked friends list,
    tap the name of the friend you want to unblock, and then tap **OK** when prompted.

### To pin a friend

You can pin a friend to make sure that friend always appears in your Most popular friends list.

1.  In the Friends list, press and hold the friend's name to open the options menu.

    **Note** If you cannot see the friend, Press MENU and then tap **All friends**.

2.  Tap Pin friend.

    **Note** To unpin a friend, in the Friends list, press and hold the friend you want to unpin and then tap
    **Unpin friend** on the options menu.

### To show a friend in the Most popular list

1.  In the Friends list, press and hold the friend's name to open the options menu.

    **Note** If you cannot see the friend, Press MENU and then tap **All friends**.

2.  Tap Show friend.

    **Note** To keep a friend from appearing in the most popular list, press and hold the friend's name, and then
    tap **Hide friend** on the menu. If you pinned the friend, the pin will be removed when you hide the
    friend.

### Mobile indicators

You can check what type of device your friend is using to chat in Google Talk. In the friends list, check the

image that appears to the right of your friend's name.

When you do not see an image, it indicates that your friend signed in last from a computer.

You can also choose to show a mobile indicator. To show:

1. In the Friends list, press MENU and then tap More > Settings.

2. Select the Mobile indicator option, and then press BACK. The mobile indicator icon will display along with your name in other Contact's Friends list and will let your friends know what type of mobile device you are using.

**Adjusting instant messaging settings**

**To set notifications for new instant messages**

You can set the phone to play a sound, vibrate, or display a notification icon in the status bar each time you receive a new instant message.

1. In the Friends list, press MENU and then tap More > Settings.

2. Do one or all of the following:

Select the IM notifications check box to receive a notification in the status bar when a new instant message arrives.

- Tap Select ringtone to select the ring tone to use when a new instant message arrives. The ring tone briefly plays when selected. If you don't want a ring tone to play when you receive a new instant message, select Silent.
- Select the Vibrate check box to vibrate your phone when you receive a new instant message.

**To sign in automatically**

You can sign in to your Google Talk account automatically every time you turn on your phone.

1. In the Friends list, press MENU and tap More > Settings.

2. Select the Automatically sign in check box.

3. Press BACK to save your setting.

**Signing out**

In the friends list, press MENU and then tap More > Sign out when you want to sign out from Google Talk.

## 8.4 Using Google Maps

Google Maps lets you track your current location, view real–time traffic situations, and receive detailed directions to your destination. It also provides a search tool where you can locate places of interest or an address on a vector or aerial map, or view locations in street level.

> **Notes** . You need an active data (3G/GPRS) or Wi–Fi connection to use Google Maps.
> The Google Maps application does not cover every country or city.

**To enable Location source**

Before you open Google Maps and find your location or search for places of interest, you must enable My location sources.

1. Press HOME > MENU and then tap Settings > Location.
2. Select Use wireless networks, Enable GPS satellites, or both.

> **Note** Selecting Enable GPS satellites lets you locate places of interest in street–level. However, this requires a clear view of the sky and more battery power.

**To open Google Maps**

Press HOME, then tap up arrow button, and then tap Google Maps.

**To find your location on the map**

On the Google Maps screen, press MENU and Your current then tap My Location. Your location is shown location on the map as a blinking blue dot.

**Searching for places of interest**

1. On the Google Maps screen, press SEARCH.
2. Enter the place you want to search in the search box. You can enter an address, a city, or type of business or establishment (for example, museums in london).

> **Tip** As you enter information, a list of all the places which you have searched or visited before appears on the screen. You can also tap an address on the menu to show its location on the map.

Tap to go to the previous or next search item on the map if there are multiple search results.

3. Tap to show the search results as a list.
4. Tap the callout to show the Address, Details (if available), and Reviews (if available) for the search

item.

**Viewing maps**

While viewing a map, take advantage of the following zoom and navigation techniques.

**To zoom in or out on a map**

Tap plus icon    to zoom in; tap minus icon to zoom out.

**To navigate on a map**

Slide your finger on the screen in any direction to view other areas of the map.

**To change map modes**

When viewing a map, you can switch to another map mode. Press MENU and then tap Map mode. Select from Map, Satellite, or Traffic.

Map mode Satellite mode Traffic mode

- **Map** mode This is the default view and displays a map, complete with names of streets, rivers, lakes, mountains, parks, and boundaries.
- **Satellite** mode    Google Maps uses the same satellite data as Google Earth.. Satellite images are not real-time. Google Earth acquires the best imagery available, most of which is approximately one to three years old.
- **Traffic** mode (available only in selected areas)    Real-time traffic conditions are displayed over roads as color-coded lines. Each color represents how fast the traffic is moving.

**To view a map in Street View**

Street View mode (available only in selected areas) provides a street–level view of the location.

1. Search for the place you want to view in Street View. See "Searching for places of interest" for details.
2. On the location details screen, tap Street view.

    Tip While viewing a Street View of a location, press MENU and then tap **Compass mode** to turn Compass mode on. Tilt, pan, or turn your phone to view the area around the selected location.

**Getting directions**

Use Google Maps to get detailed directions to your destination.

1. While viewing a map in any mode, press MENU and then tap Directions.
2. Enter the starting point in the first text box, then enter your destination in the second text box. By default, your current location is entered in the Starting point box.

You can also tap icon on the right side to open the location source menu and select a starting point and destination address.

3. Choose how you want to get to your destination: Driving, Public transit, or Walking.
4. Tap Go. The directions to your destination appear in a list. Tap a direction instruction on the list to show the map.

When you are finished viewing or following the directions, press MENU and then tap **More > Clear map** to reset the map. Your destination is automatically saved in the Google Maps history.

## 8.5 Using Google Latitude (Available by Country)

**Google Latitude** user location service lets you and your friends share locations and status messages with each other. It also lets you send instant messages and emails, make phone calls, and get directions to your friends' locations.
Your location is not shared automatically. You must join Latitude, and then invite your friends to view your location or accept their invitations.

**Opening Latitude**

**To join Latitude**

1. While viewing a map in any mode, press MENU and then tap Join Latitude.
2. Read the privacy policy. If you agree with it, tap Agree & share.

**To open Latitude after joining**

While viewing a map in any mode, press MENU and then tap Latitude.

**Sharing your locations**

After you join Latitude, you can start sharing your locations with your friends. Only friends that you have explicitly invited or accepted can see your location.

**Inviting friends**

To share your location with friends and request to see their locations

1. In Latitude, press MENU and then tap Add friends.
2. Choose how to add friends:
   - **Select from Contacts.** Select any number of friends from your Contacts. Friends who already use

Latitude have a   icon next to their names.

- **Add via email address.** Enter an email address.

3. Tap Add friends.

4. Tap OK. If your friends already use Latitude, they receive an email request and a notification on Latitude. If they have not yet joined Latitude, they receive an email request that tells them to sign in to Latitude with their Google Account.

### Accepting an invitation

When you get a sharing request from a friend, you can:

- **Accept and share back.** You can see your friend's location, and your friend can see yours.
- **Accept**, but hide my location. You can see your friend's location, but they can't see yours.
- **Don't accept.** No location information is shared between you and your friend.

You can change how your location is shared with each friend at any time. Refer to "To share your location with friends and request to see their locations" earlier in this chapter for more details.

### Showing your friends

You can show your friends using the map view or the list view.

### Map view

When you open Google Maps, it shows your friends' locations. Each friend is represented by a photo icon with an arrow pointing at his or her approximate location. If a friend has opted to enable city-level sharing, his or her icon will not have an arrow and it appears in the middle of the city. Refer to "To share your location with friends and request to see their locations" earlier in this chapter for more details.

To see your friend's profile and connect with him or her, tap the photo. This will display your friend's name, then tap the balloon right above his or her icon.

To see other friends, tap either one of the arrow buttons next to the balloon.

### List view

To show a list of your friends, in Google Maps, press
MENU and then tap Latitude. To see a friend's profile and connect with him or her, select your friend's name from the list.

### Connecting with your friends

Tap a friend's contact details balloon in map view or tap a friend in list view to open the friend's profile. In the

profile screen, you can communicate with your friend and set privacy options.

| Options | Description |
|---------|-------------|
| **Show on map** | Find a friend's location on the map. |
| **Chat using Google Talk** | Send an instant message. Google Talk opens a chat window with that friend. |
| **Send email** | Send an email. Gmail/Google Mail opens an email addressed to that friend. |
| **Directions** | Get directions to the friend's location. |
| **Hide from this friend** | Stop sharing your location with this friend. Your friend cannot see your photo icon on the map. To share your location with this friend again, tap **Unhide** from this friend. |
| **Share only city level location** | Share only the city you are in, not the street-level location. Your friend can see your photo icon in the middle of the city you are in. To share more precise location again, tap **Best available location**. |
| **Remove** | Remove the friend from your list and stop sharing locations with him or her altogether. |

### Controlling what you share

You have control over how and when you can be found by your friends. Only the last location sent to Latitude is stored with your Google Account. If you turn off Latitude or are hiding, no location is stored.

### To change your public profile

1.  In Google Maps, press MENU, tap Latitude, and then tap your contact details balloon.

2.  Set the following options to your preferences.

| Options | Description |
|---------|-------------|
| **Show on map** | See your location on a map. |
| **Change your status** | Change the status message, which is shared across other Google products and features, such as Google Talk and Gmail/Google Mail.<br>After you tap **Change your status**, type your new status in the dialog box, and then tap **OK**. |
| **Change your photo** | Change the picture, which is also shared across other Google products and features.<br>After you tap **Change your photo**, you can either take a picture of yourself with the phone or select a picture from Albums. Refer to "Using Camera and Camcorder" and "Using Albums" in Chapter 7 for more details. |
| **Edit privacy setting** | Manage how your location is shared with all your friends. Select one |

| | of the following options:<br>**Detect your location**. Let Latitude automatically detect and update your location as you move around. The update frequency is determined by several factors, such as your phone's battery charge level and how recently your location has changed.<br>**Note** You must have My location sources enabled. To learn how to enable My location sources, refer to "Using Google Maps" in this chapter.<br>**Set your location**. Manually select a location on the map.<br>**Hide your location**. Hide your location from all your friends. They will not be able to see your location on their maps. You can also hide your location only to certain individuals.<br>**Turn off Latitude**. Disable Latitude and stop sharing. Your friends cannot see your location. You can always join Latitude again. |
|---|---|

## 8.6 Using YouTube

YouTube is an online video streaming service that allows you to view videos that have been uploaded by YouTube members.

> **Notes** . You do not need a YouTube account to browse and view videos. However, to use all the features of YouTube (such as viewing "My account"), you must create a YouTube account from your computer and sign in to that account from your phone.
> You must have an active data (3G/GPRS/EDGE) or Wi–Fi connection to access YouTube.

**To open YouTube**

Press HOME, then tap up arrow button, and then tap YouTube.
The YouTube screen appears with the Scroll your finger videos grouped into categories, such to the left to view as Featured, Most popular, Most more featured viewed, Top rated, and more.

**To close YouTube**

While on the YouTube screen, press HOME or BACK to close YouTube.

**Watching videos**

1.  On the YouTube screen, select a video to watch from the available categories. Tap a category to see the available videos for that category.
2.  Tap a video to play it.
    > **Note** The screen automatically switches to landscape orientation when you play a video.

3. Tap the screen to display the playback controls.

4. Press BACK to stop playback and return to the videos list.

**Searching for videos**

1. On the YouTube screen, press SEARCH.

2. Enter a search keyword, and then press SEARCH again.

3. The number of search results appears below the status bar. Scroll through the results and tap a video to watch it.

**To clear the search history**

1. Press MENU and then tap Settings.

2. Tap Clear search history and then tap OK when prompted.

**Sharing videos**

You can share a video by sending its link to your contacts.

1. 1. Do one of the following:
   - While viewing videos in a list, press and hold the video, and then tap Share on the options menu.
   - While watching a video, press MENU and then tap Share.

   Note If you have set up an external email account in addition to your Gmail/Google Mail account, you will be prompted to select the email account to use to send the video link.

   A new email message appears with the video link automatically added to the email message.

2. Compose your email then send it. For more information about composing and sending emails, refer to Chapter 5.

## 8.7 Using Android Market

Android Market provides direct access to useful applications and fun games which you can download and install on your phone. Android Market also allows you to send feedback and comments about an application, or flag an application that you find objectionable or incompatible with your phone.

**Opening Android Market**

1. Press HOME, then tap up arrow button, and then tap Market.

2.   When you open Android Market for the first time, the Terms of Service window will appear. Tap Accept to continue.

### Getting help

If you ever need help or have questions about Android Market, press MENU and tap Help. The Browser will take you to the Android Market Help webpage.

### Finding applications

The Android Market home page provides several ways to find applications. It showcases featured applications and includes a list of item applications by category, a list of games, a link to search, and a link to My downloads.

Scroll horizontally through the featured items or select a category to browse its contents, then select a subcategory. Within each subcategory you can select to view items sorted By popularity or By date.

Tap the tab to sort by popularity or date.

> **Note** All items in a subcategory are listed in each tab; those in the By popularity tab are sorted from most popular to least popular, and those in the By date tab are sorted from newest to oldest

### Installing and opening an application

1.   Navigate to the item you want to download, and select it.

2.   In the item details screen, read more about the application, 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, visit the developer's website, and send the developer an email message.

> **Important** Press MENU and select Security permissions to view the functions and data this item can access on your phone.

Scroll down to view more of this developer's applications or to email the developer.

3.   On any application details screen, tap Install.

> **Important** If the application requires either access to any of your data or control of any functions on your phone, Market tells you what the application can access.

> **Read it carefully!** Be especially cautious with applications that have access to many functions or a significant amount of your data. Once you tap OK on this screen, you are responsible for the results of using this item on your phone. Tap OK if you agree to the conditions of the application.

4.   To check the progress of the download, open the Notifications panel. Most applications are installed within seconds. If you want to stop downloading the item, tap Cancel download.

Download progress appears in the Ongoing section of the notifications window.
Once downloaded and installed, a notification appears.

5. After the item is downloaded and installed on your phone, the content ( ) download icon ( ) appears in the notification area of the status bar.
6. On the Android Market screen, tap My downloads.
7. Tap the installed application in the list, then tap Open.
   **Tip** You can also find the icon of the installed application on the All programs screen.

**Managing applications**

From the Android Market Home, tap My downloads to view your downloaded items. From any of the Android Market screens, press MENU and tap My downloads to go to the screen.

**Uninstalling an application**

You can uninstall any application that you have downloaded and installed from Android Market. 1 On the My downloads screen, tap the application you want to uninstall, then tap Uninstall. 2 When prompted, tap OK to remove the application on your phone. 3 Choose the reason for removing the application, then tap OK.

## 8.8 Synchronizing Google Apps

Google Apps on your phone, such as Gmail/Google Email, Calendar, and Contacts, give you access to the same personal information (emails, events, and contacts) that you add, view, and edit on your computer using Gmail/Google Email or Calendar. Synchronize the Google Apps you want to keep information up–to–date.

**To select which application to synchronize**

1. Press HOME > MENU.
2. Tap Settings > Data synchronization > Google.
   **Note** By default, all personal information in Gmail/Google Email, Calendar, and Contacts will sync whenever you make a change or receive a new message.

Indicates that there is a problem with data synchronization. Check your data connection and try again.
Date and time of last synchronization
Tap to include or exclude the application from automatic synchronization. The arrows move clockwise when data is being synchronized.

3. Select the Google Apps you want to synchronize.

**To stop synchronization**

During synchronization, press MENU, then tap Cancel sync to stop synchronization.

# Chapter 9- Other Applications

## 9.1 Using Calendar

Use Calendar to create and manage events, meetings, and appointments. Depending on your synchronization settings, the Calendar on your phone stays in sync with your Calendar on the web, Exchange ActiveSync calendar, and Outlook calendar.

### Opening Calendar

Press HOME, then tap up arrow button, and then tap Calendar.

### Creating events

1. On any Calendar view, press MENU and then tap New to open the Event details screen.
2. Enter the event name using the keyboard.
3. Do one of the following:
   - If there is a time frame for the event, tap the **from** and **to** date and time to set them.
   - If it is a special occasion such as a birthday or a whole-day event, set the **from** and **to** date, then select the **All Day** check box.
4. Enter the event location and description.
5. If you have more than one calendar, select the Calendar where you want to save the event.

   Notes    You can create multiple calendars, such as Personal, Business, or Family, using Calendar on the web. Depending on your synchronization settings, these calendars are added to your phone when you synchronize the Calendar. For more information on how to create calendars, go to http://www.google.com/support/calendar/bin/answer.py?answer=_7095&topic=15_81.

   If you have synchronize your phone with an Exchange ActiveSync account or Outlook on your PC, you can also select these calendars.

6. Set the event reminder time in Reminders, then select whether the event is recurring in Repeat.

   Note Press MENU and then tap **Add reminder** to add another reminder.

7. When finished, tap Add.

**Calendar views**

You can display the Calendar in daily, weekly, monthly, or agenda view. To change the Calendar view, press MENU, then tap Day, Agenda, or Month.

Tap to open event details.

Colored bars indicate which calendar the event was created in.

Shows the weather information. To show the weather information, in any calendar view, press MENU, then tap Settings > Views and then select the Include weather check box. Choose the city to display in City.

**Notes** . The weather information appears only if the appointment is within the 5–day forecast of the Weather application.

. Weather information only appears when using **Event list** view. To check, in any calendar view, press MENU, and then tap **Settings > Views > Day views**.

**Agenda and Month views**

- Swipe your finger up or down to view more events in Agenda view or to go to the previous or next month in Month view.
- In Month view, press and hold a day to open a menu to let you quickly create an event, show the day's events, or switch to Agenda view.

**Event reminders**

If you have set at least one reminder for an event, the upcoming event icon ( will appear in the notifications area of the status bar to remind you of the upcoming event.

**To view, dismiss, or snooze the reminder**

1. Tap the status bar, then slide your finger down the screen to open the Notifications panel.
2. Tap the upcoming event name to display the event.

**Note** If you have other pending event reminders, these events will also appear on the screen.

3. 3. Do one of the following:
   - Tap Snooze all to snooze all event reminders for five minutes.

- Tap Dismiss all to dismiss all event reminders.
- Press BACK to keep the reminders pending in the notifications area of the status bar.

**Synchronizing Exchange ActiveSync Calendar**

If you have set up a Microsoft Exchange ActiveSync account on your phone, you can also synchronize Exchange ActiveSync calendar events on your phone. Calendar events on your Exchange ActiveSync will also show in Calendar if you chose to synchronize with the Exchange ActiveSync Server.

To check if Exchange ActiveSync items are set to be synchronized, go to the Home screen, press MENU, and then tap Settings > Data synchronization > Exchange ActiveSync.

**Synchronizing Outlook Calendar**

See " Sync" in this chapter for details.

**Adding the Calendar widget**

Add the Calendar widget to let you view your calendar and access your appointments on the Home screen. To learn how to add widgets, refer to "To add an  widget" in Chapter 1.

## 9.2 Using Alarm Clock

Alarm Clock lets you view the date and time of cities around the world. You can also set alarms.

**Opening Alarm Clock**

Press HOME, tap up arrow button, then tap the Alarm clock on the Home screen.

**Setting an alarm**

1. In Alarm Clock, tap one of the default alarms on the screen.
2. In the Set alarm screen, set the alarm time by sliding your finger up or down on the numbers and AM/PM.
3. Enter the alarm Description, set the Alarm sound and Repeat, and select the Vibrate checkbox if you want the phone to also vibrate when the alarm goes off.
4. Tap Done.

   **Note** If you need to set more than 3 alarms, you can add more alarms by tapping **Add alarm**.

You can temporarily disable an alarm by clearing the check box (by tapping it) of the alarm on the Alarms tab.

**Deleting an alarm**

1. On the Alarms tab, press MENU and then tap Delete.

2. Select the alarms you want to delete and then tap Delete.

## 9.3 Using Sync.

Sync. lets you synchronize Outlook and Windows Address Book (Outlook Express), contacts and calendar events on your PC with your phone. It also lets you install third–party Android applications on the phone.

> **Requirement** For    Sync Sync Manager, you need Outlook 2000/2002/2003/2007 or Windows Address Book (Outlook Express) and Windows XP Service Pack 2 (SP2) or higher or Windows Vista to synchronize contacts and calendar events.

> **Notes** . The **USB debugging** check box in **HOME > MENU > Settings > Applications > Development** needs to be selected for the phone to be able to synchronize with the PC using    Sync.

> If you have a Microsoft Exchange account, you can set up an Exchange email account and synchronize emails, contacts, and calendar items from the Exchange account. To set up a Microsoft Exchange email account, see "Adding a Microsoft Exchange ActiveSync account" in Chapter 5 for details.

**Installing Sync on your PC**

You can find the Sync installer on the provided T–flash card or you can download the installer from the website.

1. Make sure the T–flash card is installed on the phone and then connect the phone to the computer using the provided USB cable.

2. Set the phone as a USB drive. To learn how, see "To set the phone's storage card as a USB drive" in Chapter 1.

3. On the computer, copy Sync.exe from the storage card to the computer's desktop.

4. Double–click Sync.exe and then follow the installation instructions on the screen.

**Setting up Sync to synchronize Outlook items**

Use **Sync Manager** to synchronize PC Outlook contacts and calendar events between the phone and PC.

1. On your computer, run Sync.

2. Connect the phone to the computer using the provided USB cable.

3. The first time you synchronize the phone, the Synchronization Settings Wizard starts automatically to help you set up Sync.

    **Note** If the Synchronization Settings Wizard does not start, click **Synchronize Now.**

1. On the Synchronization Settings Wizard screen, click Next.

2. Select the PC application you want to synchronize with and then click Next.

3. Select the categories you want to synchronize and then click Next.

    **Note** After clicking **Next**, you may be asked to select additional categories. This page will only appear if any additional categories are supported by the connected phone.

1. Select when to synchronize data and then click Next.

2. Check the settings that you have chosen and then click Finish.

If you want to have more customization features when setting up Sync, you can use **Manual settings**. To learn how to set up Sync using Manual settings, consult the Sync help on your PC. To learn how to open the help, see "Opening Sync Manager Help" later in this chapter.

### Synchronizing Outlook items

When you set up Sync, you were asked to set when you want to synchronize with the PC. Depending on the option you have selected, you may need to manually start synchronization or it will automatically start synchronization when you connect the phone to the PC.

If you chose **I want to synchronize automatically each time I connect my mobile phone** or **Automatic start of synchronization, every time mobile phone is connected**, follow this procedure:

1. On your PC, open Sync.

2. Connect the phone to the PC using the USB cable.

3. Synchronization will automatically start.

If you chose **I want to start the synchronization manually** or **Do not synchronize automatic, manual start**, follow this procedure:

1. On your PC, open Sync.

2. Connect the phone to the PC using the USB cable.

3. On the Sync window, Click Synchronize Now.

If you chose **Schedule automatic synchronization**, follow this procedure:

1. On your PC, open Sync.
2. Connect the phone to the PC using the USB cable.
3. Synchronization will start depending on the date and time you set.

**Resolving conflicts between the phone and PC**

1. On your PC, open Sync.
2. On the Sync window, click Sync Manager > Settings > Conflict Policy.
3. Select the option you want and then click OK.

**Opening Sync Manager Help**

Open the Sync Manager comprehensive help file to learn more about the advanced features of Sync Manager.

1. On your PC, open Sync.
2. On the Sync window, click Sync Manager.
3. On Sync Manager Menu bar, click Help > Sync Manager Help.

**Installing Android applications**

Use Application Installer to install Android applications (.apk) that are on your PC to the phone.

> **Important** The **Unknown sources** check box in **Settings** needs to be selected to be able install Android applications from the PC. To check, press HOME > MENU, and then tap **Settings > Applications**.

1. On your computer, run Sync.
2. Connect the phone to the computer using the provided USB cable.
3. Click Application Installer.
4. On the Application Installer screen, click next.
5. Click Browse to select the file to install. After selecting the file, click next.
6. Click Finish. Check the phone if there are additional instructions to complete the installation.

# Chapter 10- Managing Your Phone

## 10.1 Changing Basic Settings

**Setting the date and time**

1.  Press HOME > MENU, then tap Settings.
2.  Tap Date & time > Set date or Set time.

**Display settings to adjust the screen brightness**

1.  Press HOME > MENU, then tap Settings.
2.  Tap Sound & display > Brightness.
    **Note** The **Disable auto backlight** check box needs to be selected for you to be able to manually adjust screen brightness.

3.  Drag the brightness slider to the left to decrease or to the right to increase the screen brightness. Tap OK.

**To adjust the time before the screen turns off**

After a period of inactivity, the phone screen turns off to conserve battery power. You can set the idle time before the screen turns off.

1   Press HOME > MENU, then tap **Settings > Sound & display > Screen timeout**.
2   Tap the time before the screen turns off.
    **Tip** To turn off the screen quickly, press the END CALL/POWER button.

**To prevent the screen orientation from automatically changing**

By default, the screen orientation automatically adjusts depending on how you hold the phone.

**Note** Not all application screens support automatic rotation.

1    Press HOME > MENU, then tap **Settings**.

2    Tap **Sound & display** and then clear the **Orientation** check box.

**To keep the screen on while charging the phone**

You can keep the phone screen from turning off while you are charging the phone.

1    Press HOME > MENU, then tap **Settings**.

2    Tap **Applications > Development** and then select the **Stay awake** check box.

**To recalibrate the screen**

Recalibrate the screen if you feel that the screen orientation does not respond properly to the way you hold the

phone.

1    Press HOME > MENU, then tap **Settings**.

2    Tap **Sound & display > G–Sensor calibration**.

3    Place the phone on a flat surface and then tap **Calibrate**.

4    After the recalibration process, tap **OK**.

**Ringer settings To change the ring tone**

1    Press HOME > MENU, then tap **Settings**.

2    Tap **Sound & display > Phone ringtone**.

3    Tap the ring tone you want to use, then tap **OK**. The ring tone briefly plays when selected.

**Tip** You can use *.wav, *.mid, *.mp_, *.wma, or other types of sound files that you downloaded from the Internet or copied from your computer as ring tones. For a complete list of supported audio file formats for ring tones, see "Specifications" in the Appendix.

**To enable touch tones**

You can set the phone to play a sound when you are using the phone pad and/or tapping the screen.

1.    Press HOME > MENU, then tap **Settings**.

2.    Tap **Sound & display**, then scroll down the screen.

3.    Select the **Audible touch tones** and/or **Audible selection** option(s).

**To choose the notification ring tone**

You can select the ring tone to play when your phone receives new notifications.

1. Press HOME > MENU, then tap **Settings**.
2. Tap **Sound & display > Notification sound.**
3. Select your preferred notification sound in the list and then tap **OK**.

**Phone services**

Your phone can directly link to the mobile phone network, and enable you to access and change the settings of various phone services for your phone. 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 phone.

**To access and change the phone services settings**

Press HOME > MENU, then tap **Settings > Call settings**.

**Note** For more information about the phone services on your phone, refer to the "Adjusting Call settings" in Chapter 3.

**To enable data roaming**

Data roaming lets you connect to your wireless service provider's partner networks and access data services when you are out of your wireless service provider coverage area.

1. Press HOME > MENU, then tap **Settings**.
2. Tap **Wireless & networks > Mobile network settings** and then select the **Data roaming** check box.

**Important** Accessing data services while roaming may incur significant charges. Inquire the data roaming tariffs with your wireless service provider before enabling data roaming.

**Language settings**

You can change the platform language of the phone.

**To change the language of the operating system**

1. Press HOME > MENU, then tap **Settings**.

2    Tap **Locale & text > Select Locale** and then select the language you want to use.

**Social network settings**

You can quickly sign in or sign out from your Facebook, Flickr, and Twitter accounts.

1    Press HOME > MENU, then tap **Settings > Social networks**.

2    Tap the account you want to sign in to or sign out from in the list.

> **Tip** Press MENU to let you quickly log out from all accounts or adjust account settings.

## 10.2  Protecting Your Phone

**Protecting your SIM card with a PIN**

You can protect your SIM card from unauthorized use by assigning a PIN (personal identification number).

**To enable the SIM card PIN**

1   Press HOME > MENU, then tap **Settings**.

2   Tap **Security > Set up SIM card lock** and then select the **Lock SIM card** check box.

3   Enter the default SIM card PIN using the keyboard, then tap **OK**. To change the SIM card PIN, tap **Change SIM PIN**.

> **Tip** Emergency calls can be placed at any time, without requiring a PIN.

**To restore a SIM card that has been locked out**

If you enter the wrong PIN more times than the maximum number of attempts allowed, your SIM card will become "PUK–locked." You need a new PUK code to restore access to the device. This code may have been provided by your operator when you received your SIM card.

Tap Emergency Dial and enter the following sequence on the keypad:

\* \* 0 5 \* [PUK code] \* [new PIN] \* [new PIN] #

For example, if your PUK code is 888888 and you would like to reset the PIN on your SIM card to 7777, enter the following into Emergency Dial: \*\*05\*888888\*7777\*7777#.

**Protecting your phone with a screen lock**

You can further secure your data by locking the screen and/or requiring a screen unlock pattern every time your phone is turned on or every time it wakes up from sleep mode (screen is off ).

**To lock the screen**
Press the END CALL/POWER button. Locking the screen prevents accidental screen touches when the phone is in your bag, purse, or pocket.
To unlock the screen, see "To unlock the screen" in Chapter 1.

**To create and enable the screen unlock pattern**
You can increase the security of your phone by creating a screen unlock pattern. When enabled, you have to draw the correct unlock pattern on the screen to unlock the phone's control buttons and touch screen.

1  Press HOME > MENU, then tap **Settings**.

2  Tap **Security** > **Set unlock pattern**.

3  Read the information on the screen, then tap **Next**.

4  Study the example pattern on the screen, then tap **Next**.

5  Draw the screen unlock pattern by connecting at least four dots in a vertical, horizontal and/or diagonal direction. Lift your finger from the screen when finished.
    **Note** You must slide your finger on the screen to create the pattern and not tap individual dots.

1  The phone records the pattern. Tap **Continue**.

2  When prompted, draw the screen unlock pattern again, then tap **Confirm**.
    **Tip** Clear the **Use visible pattern** check box, if you do not want the unlock pattern to display on the screen when you unlock it.

    **Note** To change your unlock screen pattern, press **HOME > MENU, then tap Settings > Security > Change unlock pattern.**

When you fail to draw the correct unlock pattern on the screen after five attempts, you will be prompted to wait for _0 seconds before you can try again. If you forgot your screen unlock pattern, tap Forgot pattern. You will be prompted to sign in using your Google Account name and password, and create a new screen unlock pattern before the Home screen displays.

### 10.3 Managing Memory

**To see how much phone memory is available for use**

Press HOME > MENU, then tap Settings > SD card & phone storage. The available phone memory is displayed in the internal phone storage section.

**To see the available storage card space**

Press HOME > MENU, then tap Settings > SD card & phone storage. The total and available storage card space is displayed in the SD card section.

**To clear application cache and data**

1 Press HOME > MENU, then tap **Settings > Applications > Manage applications**.
2 In the Manage applications list, tap the application whose cache and/or data you want to delete.
   > **Tip** Press MENU to bring up sort and filter options.

3 In the Application info screen, tap Clear data and/or Clear cache.

**To uninstall third-party applications**

You cannot uninstall applications that are preinstalled on the phone.

1. Press HOME > MENU, and then tap **Settings > Applications > Manage applications**.
2. On the Manage applications screen, tap the application you want to uninstall. On the Application info screen, tap **Uninstall**.

**To free up more phone memory or storage card space**

If your phone is running low on memory, try the following:
● In Browser, clear all temporary Internet files and Browser history information. See"Using Browser"in Chapter 6for moreinformation.
● Uninstall downloaded programs from Android Market you no longer use. See Chapter 8 for details.

**10.4  Resetting the Phone**

Resetting the phone deletes all data, including downloaded applications, and resets the phone back to its initial state—the state before you turned on the phone for the first time.

**Important** Make sure to back up important data you have on the phone before you reset your phone.

**To reset the phone**
- Press HOME > MENU, then tap Settings > Security > Factory data reset.
- On the Factory data reset screen, tap Reset phone and then tap Erase everything.

**To reset the phone using phone buttons**
- With the phone turned off, press and hold the HOME and BACK buttons, and then briefly press the END CALL/POWER button. The reset process will start after a few seconds.
- Wait for the phone to finish the reset process and then press MENU.

**Tip** If your phone hangs or freezes, remove the battery then wait for a few seconds, and then re–install it. After re–installing the battery, turn on the phone.

# Appendix

# A.1 Specifications

# A.2 Regulatory Notices

Access point 104 Add an Exchange

# Index

# Symbols

A

Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
---Reorient or relocate the receiving antenna.
---Increase the separation between the equipment and receiver.
---Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
---Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This device and its antenna(s) must not be co-located or operating in conjunction with any other

antenna or transmitter.
Federal Communication Commission (FCC) Radiation Exposure Statement
This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C. This equipment should be installed and operated with minimum distance 1.5cm between the radiator & your body.