Etisalat 3G

Google

ETISALAT | E-20
SMARTPHONE

User Guide

etisalat

CONTENTS

1 GETTING STARTED

Congratulations on your new phone purchase.

This guide will help you quickly come up to speed on the important features of your phone.

Keep in mind your phone has:

• Fast Processor: Featuring the Intel® Atom™ processor that enables fast web browsing, super-responsive apps, and effortless multi-tasking, so that enjoying the things you love to do has never been easier.

• Intelligent Camera: Featuring an advanced 5MP HD camera that lets you capture images quickly - up to 7 photos a second - so you'll never miss the best shot, even in challenging environments.

• Great Entertainment: Easily create and share true HD-quality video, and with super-smooth playback, your phone becomes a personal theatre you can take with you anywhere.

1.1 YOUR PHONE

3.5mm
Audio Jack

USB/Power Port

5.0MP
Rear-Facing
Camera

Speaker
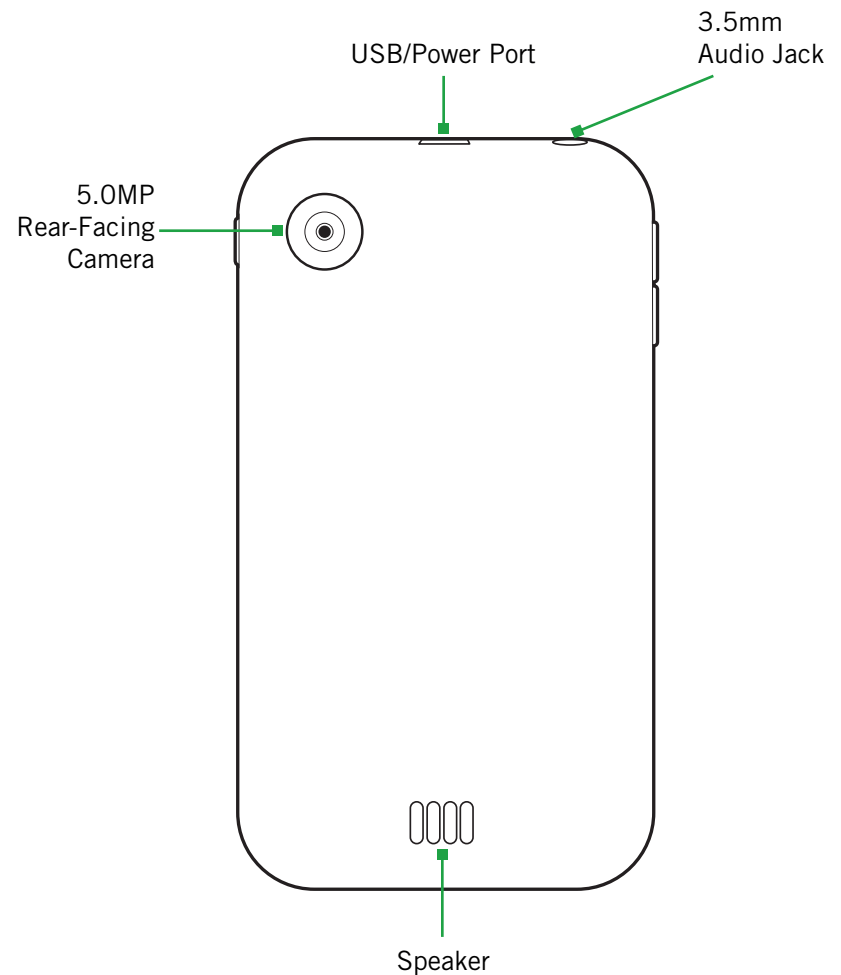
NOTE: *Screen images and icons are simulated for the purpose of this guide. Actual displays may vary. Instructions in this guide may change depending on the software version on your device.*

1.2 PHONE BUTTONS

Buttons	⬅ Press to go back to the previous screen or to close a menu or dialog box. ⌂ Press to return to the center panel of the Home screen. ▭ Press to view recently used apps. Click on an app to launch it. You can also access Task manager from this screen. (See Managing Applications.) ☰ Press to display actions and settings specific to the current screen. *TIP: Press and hold ⌂ to launch the Search function.*
Power button	Press and hold to turn your phone on. To turn the phone off, press and hold then follow the instructions onscreen. When your phone is on, press to wake your phone or put it into sleep mode.
Volume	Press on the top to increase the volume or on the bottom to decrease the volume. *TIP: Press either top or bottom to silence an incoming call.*

1.3 PHONE SLOTS, PORTS & JACKS

3.5 mm audio jack	Plug in headphones or other audio device.
USB/Power port	Connect USB cord to phone and power adapter to charge the phone. *NOTE: You can plug the USB cord to phone and connect to your PC.*

Earpiece

Power Button

Volume

Back

Menu

Home

Recent

1.4 CHARGE THE BATTERY

Before using your phone for the first time, charge the phone for three hours.

To charge the battery:

1. Attach one end of the USB cord to the phone's micro-USB port and the other end to the plug.
2. Plug the phone into the wall.

Connect this end to phone's USB port.

Plug into wall.

Connect this end to plug.
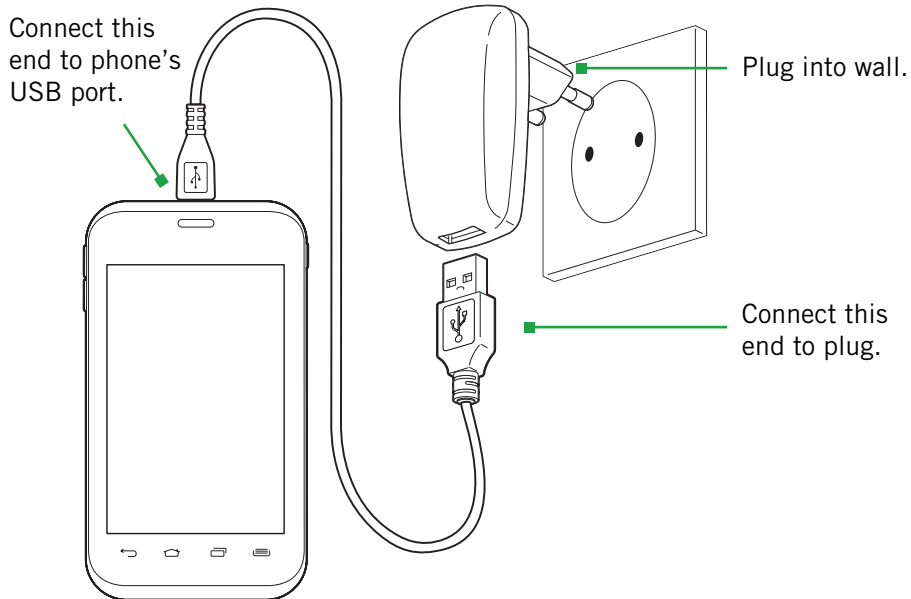
1.4.1 BATTERY TIPS

For the best battery life, let your battery drain down to 15% or less (indicated by the *battery very low* icon in the status bar) before recharging, and do not leave your phone plugged in after it is fully charged.

To make your charge last as long as possible:

• Change the screen timeout rate and display brightness
  (see Display Settings).

• Disable Wi-Fi when not in use (see Wireless & Networks Settings).

NOTE: For optimal charging, please use the USB cable and charger provided with the phone.

1.5 INSERT BATTERY/SD CARD/SIM CARD

1. Turn phone over and locate slot on bottom.
2. Pull up on slot to remove back cover.
3. Insert card(s) according to diagram.
4. Insert battery with arrow pointing to top of phone.
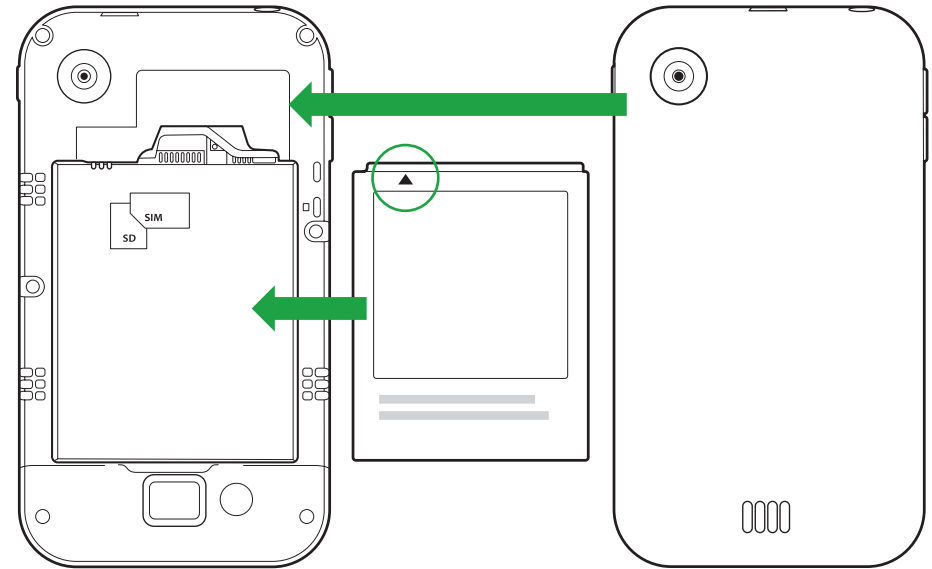
TIP: For additional media storage, insert an SD card.

1.6 USING THE HEADSET

You can use your headset to listen to music or make phone calls.

To use the headset:

1. Plug the headset into the audio jack on your phone.
2. Place the earbuds in your ears and position the microphone so that it picks up your voice (if you are making a call).
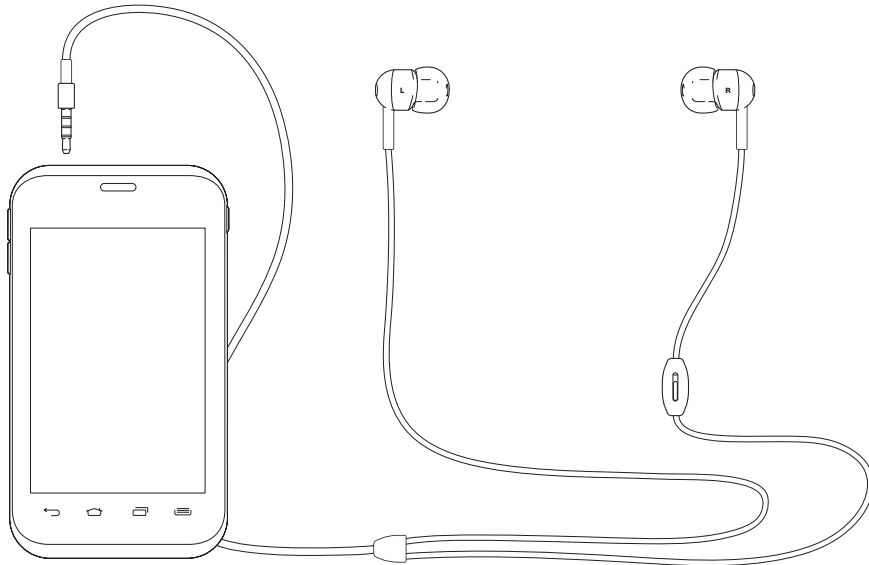
TIP: Use the button near the right earbud to mute and unmute the microphone.

1.7 TURN ON THE PHONE

To turn on the phone:

• Hold down the power button to turn the phone on.
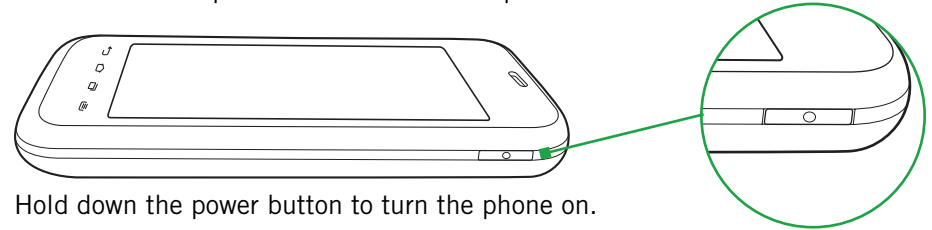
Hold down the power button to turn the phone on.

TIP: One press puts your phone into Sleep mode. Pressing and holding allows you to choose Restart, Airplane mode, Silent mode, or Vibrate.

To turn the phone off:

• Hold down the power button and touch Power Off.

Hold down the power button, then touch **Power off** to turn the phone off.
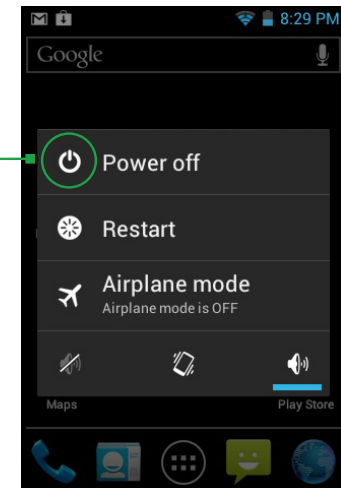
1.8 SLEEP & WAKE

When your phone is on, you can put the phone in sleep mode and lock your phone. Your phone will go into sleep mode if left idle, to save battery life.

You can wake and unlock your phone when you're ready to use it.

To put the phone in sleep mode:

• Briefly press the power button.

  Your phone goes into sleep mode, without disrupting any running application, download, or phone call.

NOTE: *If you press the power button for too long, you will see the power off menu.*

To wake the phone:

1. Press the Power button.
2. Place your finger on 🔒 and slide it all the way to the right.
3. Your phone's screen will resume display.

NOTE: *If your phone is secured, you must enter your password, pin, or pattern to wake it. See Securing Your Phone for more details.*
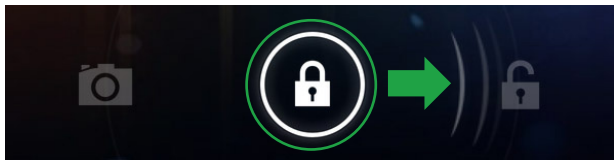
TIP: *You can go directly to the Camera app by sliding the lock to* 📷 *on the left after waking your phone.*

When the phone is in sleep mode and you want to wake the phone, press the power button and then drag the lock to the right.

1.9 TOUCHSCREEN

Use your fingers on the touchscreen to perform actions, open objects, slide the screen, and more.

Below are the different ways of interacting with your touchscreen.

• **Drag:** Touch and hold an object then drag the object to a new location. For example, drag any icon on the Home screen to a new location.

• **Double-tap:** Quickly touch the screen twice to zoom in when using the Gallery or on zoomed-out Browser pages. For example, double-touch a news site to zoom in on the text.

• **Pinch:** When using Gallery or zoomed-out Browser pages, place two fingers on the screen at once, then move your fingers together to zoom out or move them apart to zoom in. For example, pinch your fingers apart to zoom out of a news site in the Browser.

• **Slide:** Quickly move your finger from one edge of the screen to the opposite edge to scroll the display up, down, left or right. For example, quickly move your finger from the left side of the Home screen to the right to scroll the Home screen to a different panel.

• **Touch:** Touch an object on the screen to select or open it. For example, touch 📞 on the Home screen to open the Phone app.

• **Touch and hold:** Touch an object on the screen and continue to hold it to reveal other options. For example, touch and hold an empty spot on the Home screen to reveal options for adding items to the screen.

1.10 TIPS ON USING THE TOUCHSCREEN

• Do not use sharp tools, such as pens or a stylus, on the touchscreen—these might scratch the screen.

• Do not allow the touchscreen to come in contact with other electrical devices. Electrostatic discharges can cause the touchscreen to malfunction.

• Do not allow the touchscreen to get wet. The touchscreen may malfunction in humidity or when exposed to water.

• For the best performance, remove the screen protection film before using the device and tap the screen with your fingertip.

2 HOME SCREEN & BASIC FEATURES

The Home screen is a gateway to all of your phone's applications and features, and displays whenever you turn on your phone.

Touch Google to search the web via text input tray.

Touch and hold to change the wallpaper.

Touch an app to open it.

Touch to make a call.

Touch to browse the web.

Touch to view contacts.

Touch to view all apps.

Touch to send a text message.

Swipe left or right to see more panels.

TIP: *To move an icon, touch and hold the icon, then drag it to a new location.*

To open the Home screen:

• Open the Home screen at any time by pressing the ⌂ button.

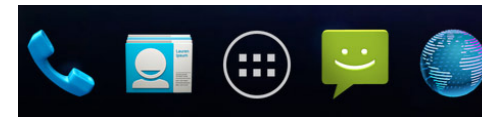The Home screen is split into five panels, with the center panel displayed when the Home screen opens.

To scroll the Home screen:

• Slide the screen to the left or right.
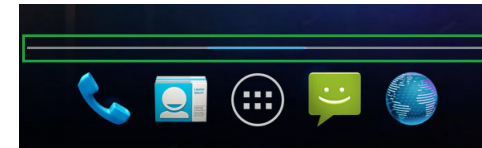
TIP: *The bar at the bottom of the screen indicates which one of the five panels is displayed.*

To quickly access your phone's main functions:

• Touch 📞 to make a call. For more information on calling, see Making and Answering Calls.

• Touch 👤 to see your contacts. For more information on contacts, see Make and Answer Calls.

• Touch ⊞ to choose an app from the App Launcher. For more information on apps and the App Launcher, see Manage Applications.

• Touch 😊 to send a message. For more information on Messaging, see Send and Receive Messages.

• Touch 🌐 to browse the web. For more information on the Browser app, see Browse the Web.

For help with your Home screen, use the Home Screen Tips widget:

• Touch ⊞ and touch **WIDGETS** at the top of the screen.

• Scroll until you find the **Home screen tips** widget. Touch and hold it and then drag it to a Home screen panel.

• Touch the widget to cycle though the Help tips.

See all your apps.
Touch the Launcher icon.

1 of 6
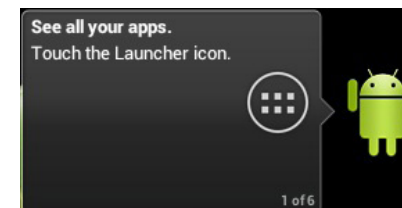
2.1 CUSTOMIZING YOUR HOME SCREEN

You can easily customize your Home screen by changing the background picture (or wallpaper).

To customize your Home screen:

• Touch and hold an empty space on the Home screen, then touch the type of item you want to add and follow the prompts.

The following types of items are available:

• **Gallery** allows you to choose photos on your phone to set as the background image for your screen.

• **Live Wallpapers** are animated background images for your screen.

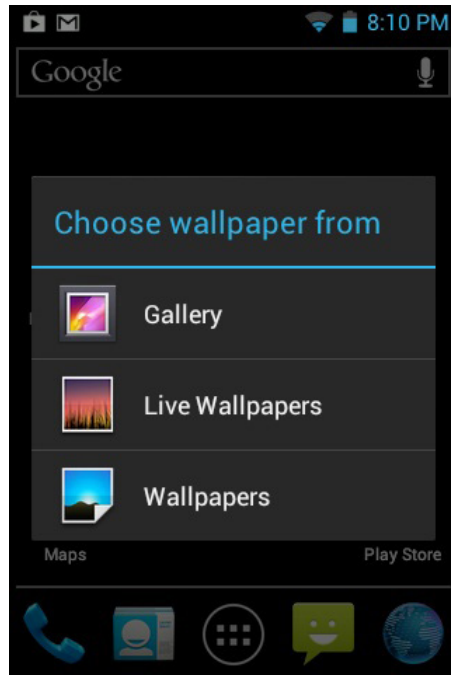• **Wallpapers** are static background images for your screen.

You can perform the following actions with folders.

To open a folder	Touch the folder. To make a new folder, stack apps on top of each other in the home screen.
To add items to a folder	Drag an item on your Home screen into the folder. ***NOTE:*** *You cannot put shortcuts in a contact folder.*
To remove items from a folder	Touch and hold an item in the folder, then release it on the Home screen or on the trash icon.
To rename a folder	Open a folder, then touch and hold the title bar and enter a new folder name.

2.2 STATUS & NOTIFICATION ICONS

The status bar at the top of the screen displays important information about your phone.

Notification icons   **Status icons**
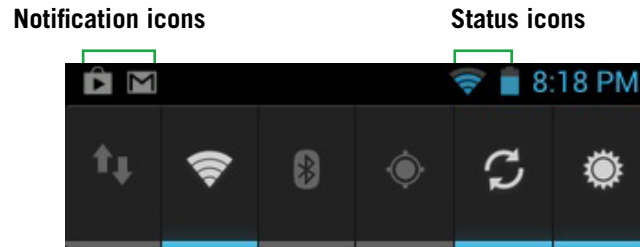
To open the notifications panel:

• Drag the status bar to the bottom of the screen.

Drag down to display notifications.

Touch a notification to respond.

Touch to clear notifications.

To respond to a notification:

• Touch a notification in the panel to open its application. For example, touching a new email notification opens the Email app's inbox.

To clear notifications:
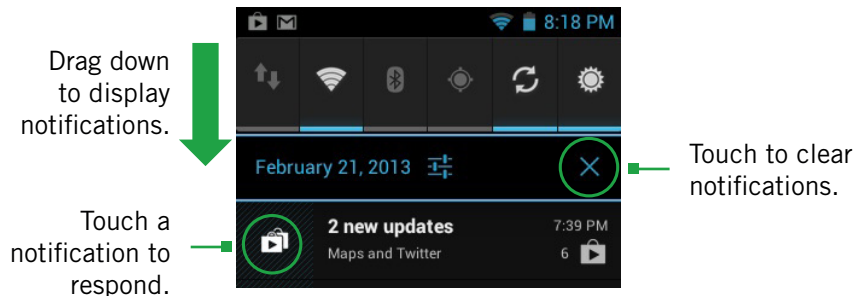
• Open the notifications panel and touch **X** at the top right.

  Ongoing notifications, such as active downloads, will remain on the list.

To close the notifications panel:

• Drag the status bar back to the top of the screen.

NOTE: Select services are displayed across the top of the Notification panel (Mobile Data, Wi-Fi, Bluetooth, GPS, Account sync, and Display Brightness). Touch an icon to turn that service ON or OFF. Services that are ON are illuminated and have a blue bar beneath them.

2.2.1 STATUS ICONS

Below are the status and notification icons you can expect to see.

NOTE: Installed apps may use their own unique notification icons.

H	Connected to mobile network	L	Alarm set
H	Mobile network in use		Vibrate mode
	Mobile network strength		Ringer silenced
R	Roaming		Battery very low
×	No signal		Battery low
?	No SIM card installed		Battery partially drained
	Connected to Wi-Fi network		Battery full
	Bluetooth wireless technology on		Battery charging
	Connected to wireless product featuring Bluetooth technology		GPS on
	Airplane mode		Receiving location data from GPS
	Headset plugged in		

2.2.2 NOTIFICATION ICONS

😊	New text or multimedia message	➕	More notifications
❗	Problem with text or multimedia message delivery	📞	Call in progress
OO	New voicemail	📞*	Call in progress using a Bluetooth headset
1	Upcoming event	☍	Missed call
🔄	Data syncing	📞→	Call forwarding on
⚠	Problem with sign-in or sync	▶	Song playing
💿!	USB storage full	⬆	Uploading data
⬇	Phone connected via USB cable	⬇	Downloading data
⬇	System update available	☑	Download finished
⬆	Phone sharing its data connection via USB tethering	🔑	Connected to or disconnected from virtual private network (VPN)
📶	Phone sharing its data connection as a Wi-Fi hotspot	▶	Application update available
⬔	Connected to Wireless Display (WiDi)	📶	Wi-Fi direct on

2.3 SEARCH

Search on your phone and on the web with the built-in Search function.
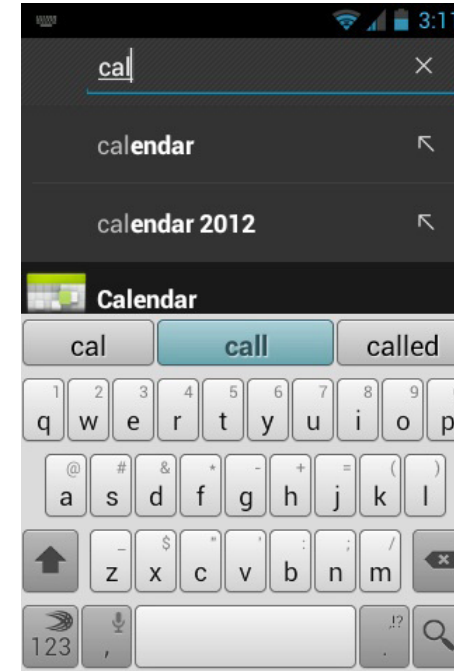
To run a search:

1. Touch the Google search box at the top of the Home screen.
2. Type a search term. As you type, Search displays matching results.
3. Touch a matching result to open it.

TIP: *Touch the ⬉ icon next to a result to enter that result as search text.*

TIP: *Find items in a search-enabled app, such as Email or Music, by pressing and holding ⌂.*

2.3.1 SEARCH SETTINGS

You can change the default Search settings.

To change Search settings:

• From the Search screen, press ▤ ➜ **Settings**.

Searchable items	Select which applications to search by default. *NOTE: Only the selected applications will display and be searched within the Search application.*
Google Search	Set your location and manage your Google search history.

2.4 SECURING YOUR PHONE

You can configure your phone to require a password, PIN, or pattern in order to turn it on or wake it up. Securing your phone can help keep its contents private.

To secure your phone:

1. From the Home screen, press ▤ ➜ **System settings** ➜ **Security**.
2. Touch **Screen lock** to change the current security lock.
3. Select one of the following settings:
   - **None** disables screen locking.
   - **Slide** lets you drag an icon across the screen to unlock your phone.
   - **Pattern** lets you draw a custom pattern to unlock your phone.
   - **PIN** lets you use a 4- to 16-digit number combination to unlock your phone.
   - **Password** lets you use a 4- to 16-character password to unlock your phone. (Password must contain at least one letter.)

NOTE: Once you have selected a lock for your phone, you will need to enter this lock each time you turn on or wake up your phone.

2.5 USING THE APP LAUNCHER

Apps are small programs that add features to your phone. Many apps come preinstalled, and additional apps can be purchased in the Play Store.

Widgets are apps that run directly on your Home screen, such as a music player, newspaper, or clock.

You can use the App launcher to easily access all of your installed apps.

To use the app launcher:

• Touch 📱, then touch an app to open it.

To add an app shortcut to the Home screen:

• Touch and hold an app. Once the Home screen displays, drop the app onto an empty spot on the Home screen.
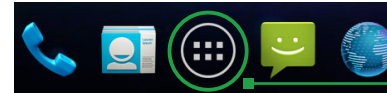
1. Touch to open the App tray.
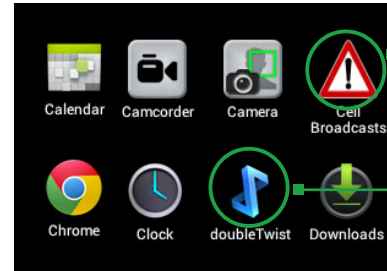
2. Touch an app to open it.

*TIP: Use the **doubleTwist™** app to seamlessly transfer your songs, photos, and other personal media from your PC to your phone.*

2.6 USING THE PLAY STORE

Almost any app you can imagine is available for purchase (and often for free) in the Play Store.

To use the Play Store:

• Touch 📱, then touch 🛍️.

Search or browse for apps. You will be able to confirm that you want to purchase an app and see the permissions it requires before installing it on your phone.

TIP: Google™ Play Store can be used only when Google account is activated.

3 ONSCREEN KEYBOARD BASICS

The onscreen keyboard lets you use your touchscreen to dial numbers, type emails, enter URLs, and more.

To use the Onscreen Keyboard:

• Touch any text field to display the onscreen keyboard, then touch the characters on the keyboard to enter text.

TIP: Move the insertion point by touching where you want to enter text.
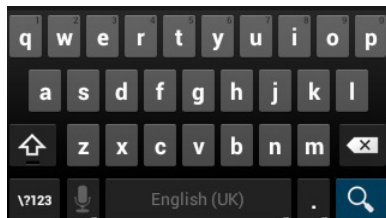
To view the keyboard in landscape orientation:

• Turn your phone sideways to rotate the keyboard, making it larger and easier to use.

To close the onscreen keyboard:

• Press ⬅ .

ONSCREEN KEYBOARD OPTIONS

While using the onscreen keyboard, the following options are available.

Switch keyboard display	Touch the **\?123** key to enter numbers and symbols, or the **ABC** key to enter letters.
	To see additional symbols while in symbol display, touch the **=\<** key.
Capitalize the next letter	Touch ⇧ to capitalize the next letter you enter.
	Touch and hold ⇧ to turn CAPS LOCK on.
Delete text	Touch ⌫ to erase the last character entered.
	Touch and hold ⌫ to continuously erase characters.

3.1 SUGGESTIONS AND AUTO-COMPLETE

The keyboard includes suggestions and auto-complete to make entering long words easy.

To see suggestions and use auto-complete:

1. Begin entering text in a text field or message. Your phone displays suggested words and punctuation directly above the keyboard.
2. Touch a suggested word or punctuation mark to enter it.

3.2 DEFAULT KEYBOARD OPTIONS

To change the default keyboard language:

1. Touch and hold the spacebar. (The spacebar displays the default language currently used by the keyboard.)
2. Select a new default keyboard language.

To change the default keyboard input method:

1. Touch and hold the spacebar as above.
2. Select a new default input method (for example: Google voice typing or SwiftKey 3 for Intel).

NOTE: If you have changed the default keyboard input method to SwiftKey and would like to change back to the Android keyboard:

1. *Touch and hold the SwifftKey option button:*
2. *Select Input method:*

TIP: To use Arabic digits, press and hold on the English digits.

4 MAKING & ANSWERING CALLS

The Phone app allows you to make calls and easily store and find your contacts.

You can move between the phone dialer, call history, contacts, and favorites by touching the tabs at the top of the Phone app.

4.1 USING THE PHONE TAB

To make a call:

1. From the Home screen, touch [icon].
2. Touch the numbers on the dial pad to dial a number, using [icon] to make corrections.
3. Touch [icon] to dial the number.
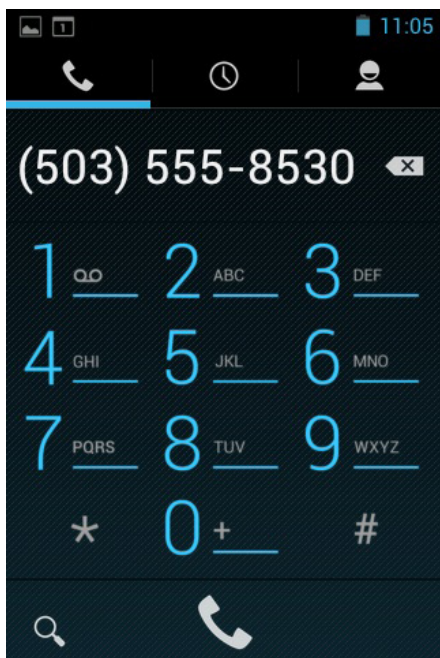
NOTE: *For international calls, first touch and hold 0 to enter + and then dial the number.*

NOTE: *You can switch to any application without ending the call. Return to the phone screen by expanding the notifications bar and touching [icon].*

The following actions are available while you are on a call:

To hold a call	Touch [icon] to hold or resume the current call.
To mute a call	Touch [icon] to mute or unmute the call.
To use speakerphone	Touch [icon] to turn speakerphone on or off. Warning! To avoid damage to your hearing, do not hold the phone against your ear when speakerphone is turned on.
To use a Bluetooth headset	Touch [icon] to automatically transfer your calls to a connected Bluetooth headset. See Wireless Bluetooth Connection for more information.
To end a call	Touch [icon].

TIP: Once you start typing on the dial pad, the Phone app will search for matches. The number of matches will appear in the lower right. Touch this number to see the matches and select one.
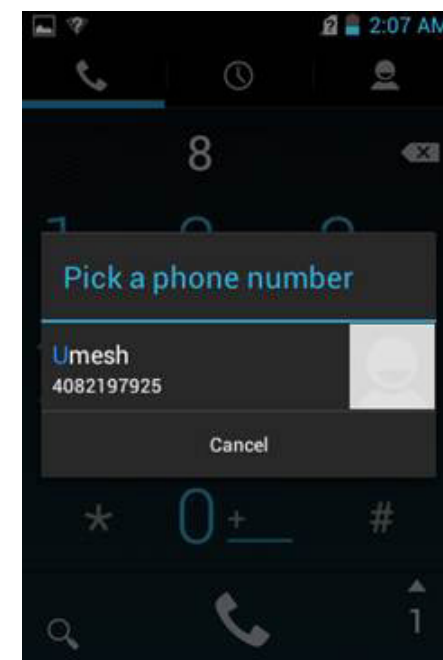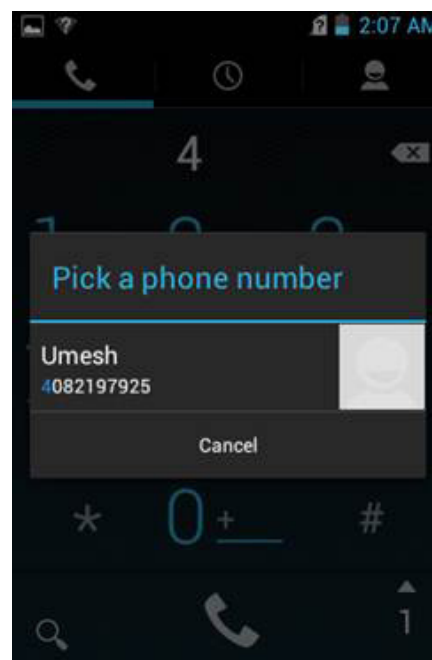
4.1.1 CALL WAITING

You can see if the person you are calling is already on another call.

Outgoing call waiting:

When you call someone, and that person is already on the line, you will see a "Call waiting..." notification on the screen.
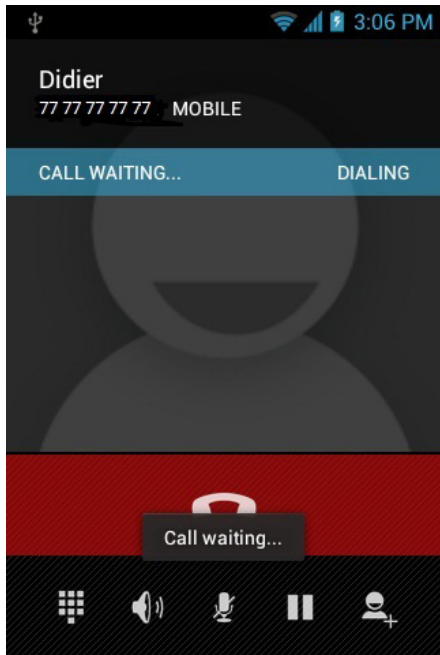
4.1.2 CALL FORWARDING

You can set the forwarding behavior of your phone when receiving calls.

To set up incoming call forwarding:

1. From the Phone app, press ▭ ⟶ **Settings** ⟶ **Call forwarding settings**.
2. Touch **Always forward** to enable or disable.
3. Touch the following options to input a phone number to which each type of call will be forwarded:

• **Always forward**
• **Forward when busy**
• **Forward when unanswered**
• **Forward when unreachable**
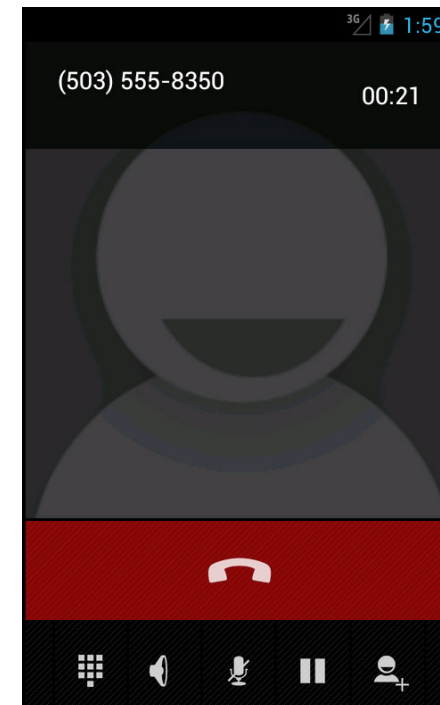
NOTE: Once set, **Call Forward conditional is active** *will appear on-screen.*

4.1.3 WORKING WITH MULTIPLE CALLS

You can make another call while on a call.

To add a call:

• While on a call, touch 👤+ and dial another number.

To move between calls:

• Touch 🔄 to move between calls.

• **To merge calls into a conference call:**

• Touch ⚇ to join two or more calls together into a single conference call.
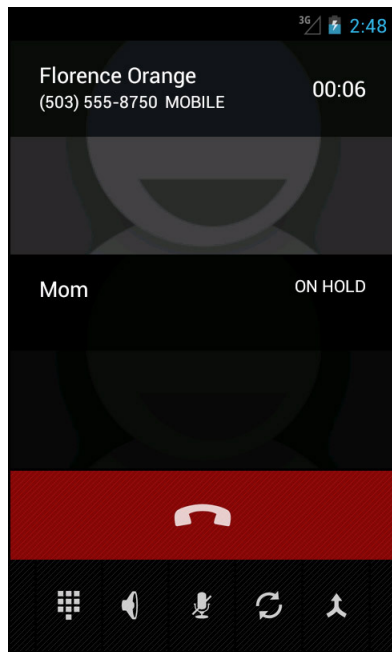
The following options are available when on a conference call:

To drop a participant	Touch **Manage**, then touch 📞 .
To talk privately to a participant	Touch Manage, then touch ⤪ . When you are done talking privately, touch **Merge Calls** to add the participant back to the conference call.
To end the call	Touch 📞 to end the conference call and disconnect all callers.
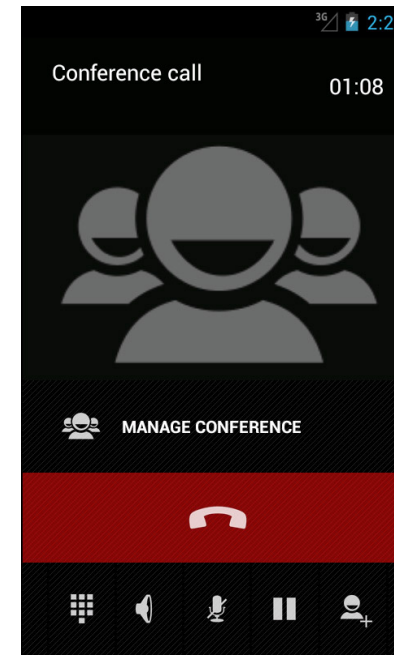
4.1.4 VOICEMAIL

When you receive voicemail, the message notification icon appears in the notifications panel.

To check voicemail:

• Within the Phone app, press and hold the 1 key. (May vary by carrier.)

TIP: You can also open the notifications panel and touch the message notification.

4.2 ANSWERING & REJECTING CALLS

When receiving a call, you will see the following at the bottom of the screen:
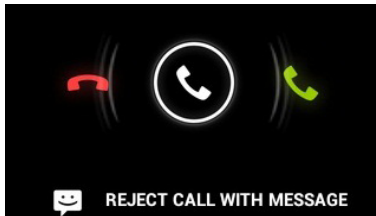
To accept a call:

• Drag the circle to .

If you are already in a call, that call will be placed on hold while you answer the new call.

To reject a call:

• Drag the circle to .

The rejected call will automatically be directed to your voicemail.

To reject a call with a text message:

• Drag the circle to .

The call will be rejected, and the caller will recieve the automated text message reply of your choice:
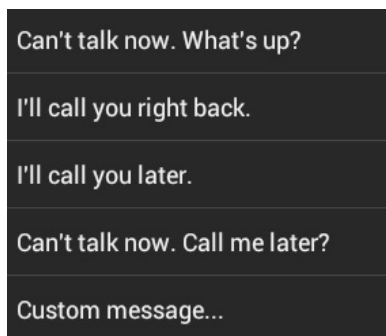
4.3 USING THE CALL LOG TAB

The call log lists calls you have made, missed, and received. You can also call entries, send messages, and add caller information to contacts.

To use the call log:

• From the Phone app, touch .

The following options are available from the call log.
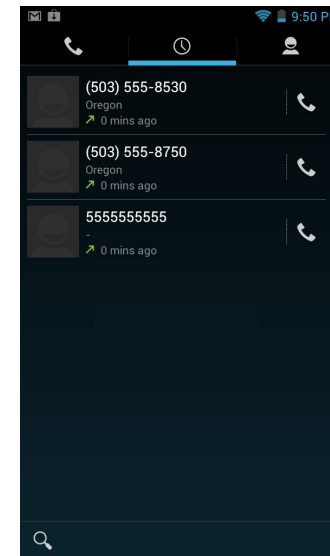
To see more details	Touch an entry.
To call the entry	Touch .
To send a text message	Touch the entry to see more details, then touch . For more information on messaging, see Sending & Receiving Messages.
To add to contacts	Touch the entry to see more details, then touch . For more information on adding contacts, see Using the Contacts Tab.
To remove an entry from the call log	Touch the entry to see more details, press , then touch **Remove from call log**.
To remove all entries from the call log	Press ➝ **Clear Call Log**.

4.4 USING THE CONTACTS TAB

The Contacts tab displays the contacts from your accounts along with any contacts you have added.
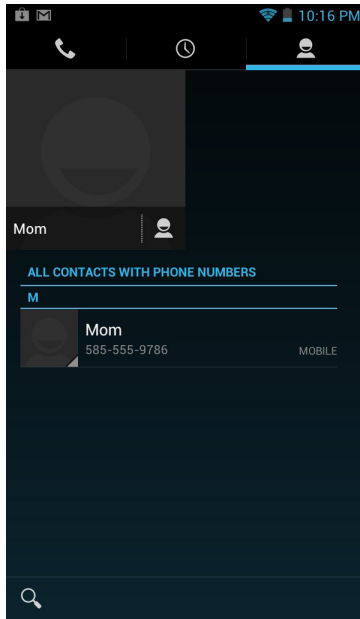
4.4.1 CONTACT SYNCHRONIZATION

By default, contacts in your accounts and on your phone will be synchronized, so that any changes to the contacts on your phone will be matched in your accounts, and vice versa. See Accounts for more information.

Depending on your account settings, information you add or remove from your phone will be synchronized with your external accounts. See Accounts for more information.

To find a contact:
1. From the Phone app, touch the **Contacts** tab.
2. Scroll up and down to view all contacts.
3. Touch a name to call that contact.

To communicate with contacts:
• Touch the contact, then touch one of the following icons:
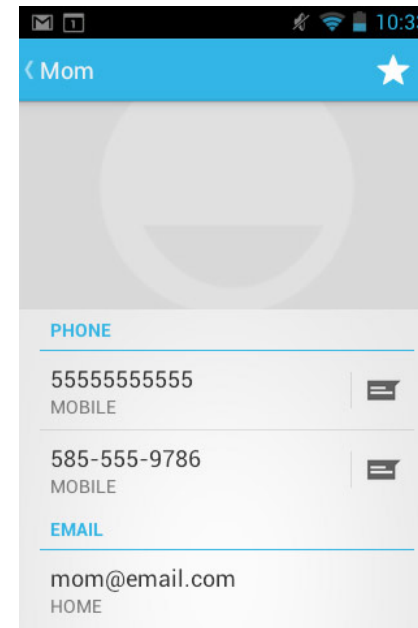
Touch the phone number to call a contact.

Touch [icon] to send a text message.

Touch the email address to send an email.

To add a contact:
1. From the Contacts tab, touch [icon].
2. Enter contact information, filling in as many or as few of the fields as desired.
3. Touch **Done** to create a new contact, or press [icon] → **Discard** to discard the new contact without saving.

NOTE: *If you have multiple accounts, select the account to which you want to add the new contact.*
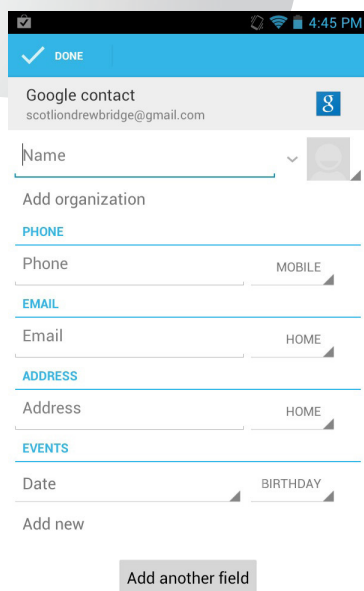
TIP: *Use the following controls to add information about the contact:*

• Touch the arrow at the end of the name field to view more name fields.

• Touch [icon] and follow the prompts to choose or take a photo for your contact's icon.

To edit a contact:

1. From the homescreen, touch the Contacts icon and then touch a contact. Press [icon] ➔ **Edit**.

2. Modify the contact information, as described above.

3. Touch **Done**.

To delete a contact:

1. From the homescreen, touch the Contacts icon and then touch a contact. Press [icon] ➔ **Delete**.

2. Touch **OK** to confirm.

TIP: *Log into your Google account to manage your contacts online. Add, edit, or remove contacts, and they will automatically sync to your phone.*

NOTE: *Read-only contact information—such as that from an external app— will only be hidden, not deleted.*

To join contacts:

1. From the Home screen, touch the Contacts icon and then touch a contact. Press [icon] ➔ **Edit**.

2. Press [icon] ➔ **Join**.

3. Touch a contact to join with.

TIP: *The name and picture of the contact you select first will be used for the resulting joined contact.*

NOTE: *Contacts with the same name from two different accounts are automatically joined.*

To separate contacts:

1. From the Home screen, touch the Contacts icon and then touch a contact. Press [icon] ➔ **Edit**.

2. Press [icon] ➔ **Separate**.

4.5 CONTACT SETTINGS

You can fine-tune how contacts are displayed with the following settings:

To set display options:

• From the Contacts tab, touch [icon] ➔ **Settings**.

Sort list by	Set whether contacts are ordered by first or last name.
View contact names	Set whether contacts display their first or last name first.

You can fine-tune a specific contact's options with the following settings:

To set contact options:

• From the Contacts tab, touch a contact and then touch [icon].

Ringtone	Specify the desired ringtone.
All calls to voicemail	Send the contact's calls directly to voicemail.

5 SENDING & RECEIVING MESSAGES

The Message app allows you to send and receive text and multimedia messaging threads (groups of sent and received messages).

To open the messaging app:

• From the Home screen, touch .
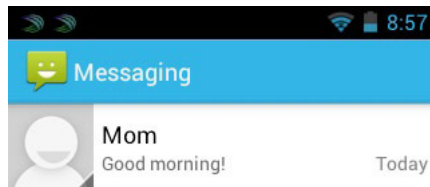
To view a message:

• Within the Message app, touch a messaging thread.

The messages inside the thread will be displayed, with the newest message at the top of the screen.

TIP: Threads with new messages are displayed in bold.

To view a multimedia attachment:

• If the message has a multimedia attachment, touch the attachment to view it.

5.1 SENDING MESSAGES
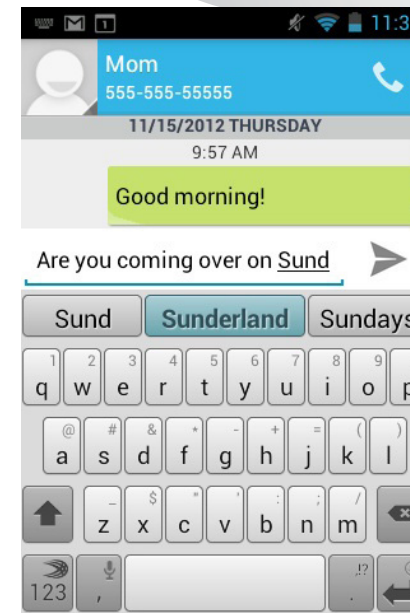
To send a message:

1. From the Message app, touch .
2. Enter a recipient in the **To** field or touch .

   Matching numbers and contacts appear as you type.
3. Touch a matching contact or number to select it or enter a new number to message a new contact.
4. Touch the **Type message** field and enter a message.
5. Touch to send your message.

TIP: You can add smileys, subject headings, and more. See Message Options below for more information.

TIP: You can send messages to groups.

To attach multimedia to a message:

1. Press ⬛ ➞ **Attach**.
2. Select the desired type of attachment (for example, a music file or a captured picture), then follow the prompts to send the message.

MESSAGE OPTIONS

The following actions are available while composing a message:

Save message as a draft	Press ⬅. *ALTERNATE: Exiting the Message app will also save any draft messages.*
Resume working on a draft	Touch the message thread you were composing and resume entering your message.
Discard a draft	Clear the message text.
Enter a smiley	Press ⬛ ➞ **Insert Smiley** and touch the smiley you want to insert. *ALTERNATE: Touch and hold :-) on the onscreen keyboard and select a smiley.* *ALTERNATE: Enter the characters that make up the smiley.*
Add a subject heading to your message	Press ⬛ ➞ **Add subject** and enter the subject heading.

5.2 MANAGING MESSAGES

To delete a messaging thread:

• Open the messaging window, touch and hold a messaging thread, then touch 🗑.

To forward a message:

1. Open the messaging window and touch a messaging thread.
2. Press ⬛ ➞ **Forward**.
3. Enter a recipient and then touch **Send** to forward the message.

To delete all messaging threads:

1. Open the messaging window, then touch and hold a messaging thread.
2. Touch all other messaging threads to select them.
3. Touch 🗑.

5.3 MESSAGE SETTINGS

To specify message settings:

• From the main Messaging window, press ⬛ ➞ **Settings**.

The following settings are available:

TEXT (SMS) MESSAGES

Delivery reports	Request a delivery report whenever you send a text message.
Manage SIM card messages	Open a window where you can work with messages stored on a SIM card. *NOTE: This option can be useful for retrieving messages from a previous phone's SIM card.*

MULTIMEDIA (MMS) MESSAGES

Delivery reports	Request a delivery report whenever you send a multimedia message.
Read reports	Request reports when your multimedia messages are read or deleted.
Auto-retrieve	Automatically download attachments from incoming multimedia messages.
Roaming auto-retrieve	Turn on auto-retrieve even when on another carrier's network. *NOTE: Turning this option off prevents data roaming costs.*
Creation mode	Select an MMS creation mode for composing messages.

NOTIFICATION SETTINGS

Notifications	Set to show message content, to only show sender, or to not show notification.
Message alert	Choose a ringtone to play whenever a new message is received.

5.4 ADDITIONAL MESSAGING FEATURES

While using the Messaging app, you can take advantage of several features that make advanced tasks even easier.

The following features are available:

Zoom in/out	While reading a message, pinch your fingers to zoom in or out on the message text.
Select multiple messages to delete or forward	1. Touch and hold an individual message. 2. Touch other messages to select them. 3. Touch 🗑 to **delete** selected messages *Or* Touch ✉ to **forward** selected messages.
Select multiple contacts	1. From the Message app, touch 📝. 2. Touch 👤₊ . 3. Touch the contacts to whom you wish to send your message. (Touch ⊞ to select all contacts.) 4. Touch ✓.
Select group contacts	1. From the Message app, touch 📝. 2. Touch 👤₊ . 3. Select Groups by touching 👥. 4. Touch the contacts in that group to whom you wish to send your message or simply touch ⊞ to select all contacts in that group. 5. Touch ✓.

The difference between Multiple Contacts and Groups:
Sending to multiple contacts means you are starting several conversations, one conversation with each recipient. Sending to a group means you are starting one conversation with everyone in that group.

NOTE: Messages addressed to groups will be sent to the first contact source identified in each group member's contact info. For example: If a contact has a listing for Email, Mobile, and Home in contact info, the group message will be sent to the Email address (because it is listed first). You must manually set a default contact method (most likely the Mobile number) for contacts.

6 TAKING PHOTOS & VIDEOS

The Camera app lets you take and share pictures and videos.

To start the Camera app:

• In the App Launcher, touch .

Camera buttons and icons

Once opened, the Camera app displays the following icons and buttons:

	Touch the Mode button to switch between photo, video, burst, and panorama modes. Selecting a new mode changes the icon on the shutter button to match the current mode.
	Use the Shutter button to take a picture or shoot a video.
	Touch to zoom in or out.
	Touch to bring up the Colour Effects menu.
	Touch the Image Preview icon to open the Gallery.

To take a picture:

1. Frame your subject on the camera.
2. Touch the Shutter button to take your picture and save the image to the Gallery.

To shoot a video:

1. From the Camera app, touch the Mode button, and then select .
2. Touch the Shutter button to begin recording. When done, press the Shutter button again to stop recording and save the video to the Gallery.

Use colour effects (FX):

Touch the FX icon to display the Colour Effects menu, which allows you to add a filter to your picture. Choose from Sepia, Monochromatic, or Negative.
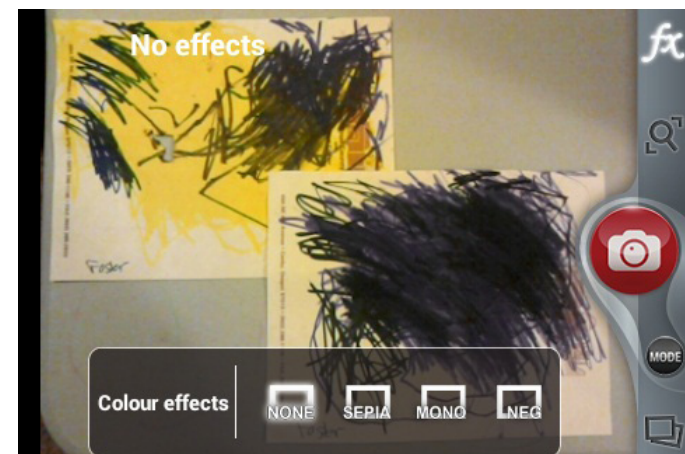
Use shooting modes:

There are four shooting mode options:

Photo
Video
Burst
Panorama

Touch the Mode button beneath the red Shutter button to display these options. Selecting a new mode changes the icon on the shutter button to match the current mode.
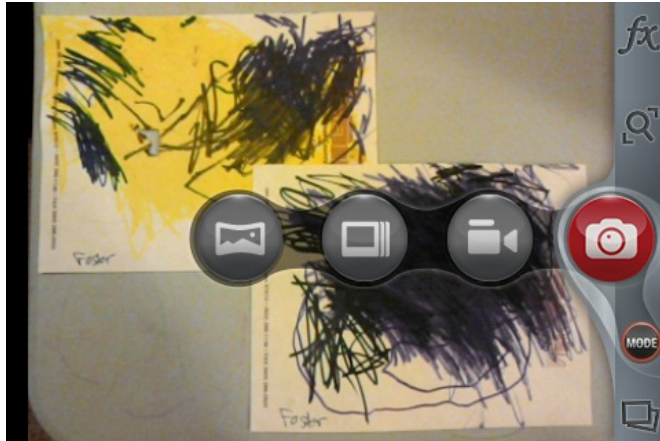
Use burst mode:

When the camera is set to Burst mode, each shutter press will take a series of seven images. Touching the burst rate indicator (at the top left in landscape orientation or at the top right in portrait orientation) will extend a menu that allows you to change the frame rate at which bursts are captured: 7fps (rapid) or 1fps (slow).

Use panorama mode:

Select the Panorama mode to sweep across a screen (horizontally or vertically) and capture multiple images that will be automatically stitched together into a single panoramic image. During Panoramic capture, several on-screen elements assist in capturing and aligning images:

• The arrow indicates the direction to move the camera for the next shot.

• Touch the red stop button to finish capturing multiple images.

• The counter displays the number of images that have been collected for this panorama.

• A semi-transparent overlay of the previous image assists in aligning the next image in the sequence. Simply move the camera until key details on the two images are aligned, and the next image is automatically captured.
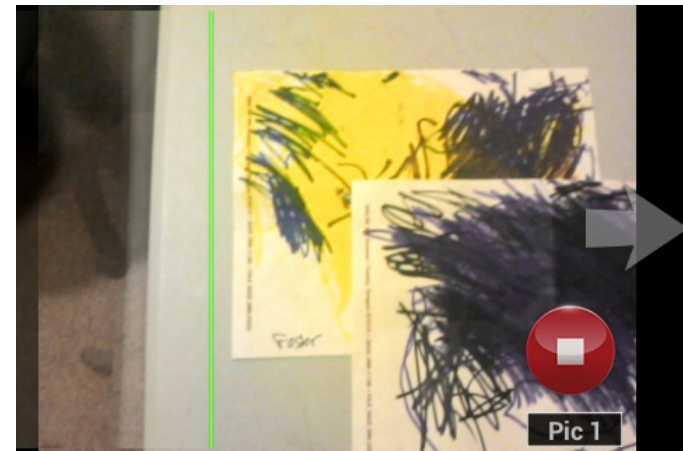
NOTE: *When using Panorama Mode, you must pan far enough to take at least two pictures. If you do not touch the red stop button, the camera will stop taking pictures when it reaches the maximum number of shots.*

To change advanced settings:

Camera settings are available at any time by pressing ▤. These settings include: Photo size, Video size, Geo-tag, and About.

Two photo sizes are available. The default size is a widescreen 4MP image; you may also choose an 5MP image that is in 4:3 format and appears centered in the screen.

Three different video sizes are available: Full HD (1080p), HD (720p), or SD (480p).

Geo-tagging can be turned on or off. When it is on, location information will be captured and stored with your photos.
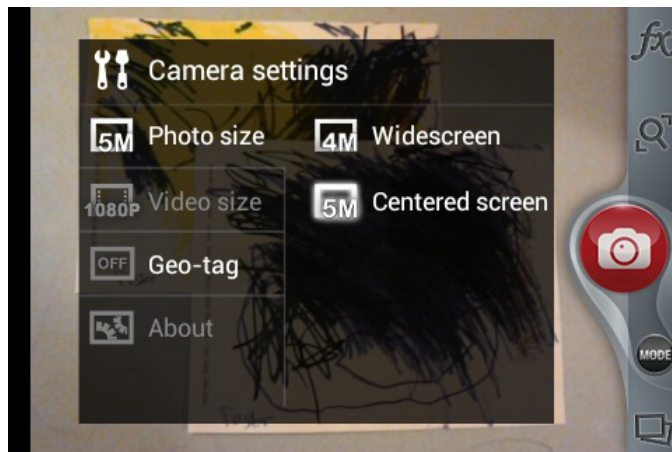
TIP: *Set the camera to Photo Mode to change Photo size and Geo-tag settings. Set the camera to Video Mode to change Video size settings.*

NOTE: *Using the 5MP Photo size and either of the HD Video size settings will result in larger file sizes, which will utilize significantly more memory space.*

6.1 VIEW YOUR PICTURES & VIDEO

Pictures and videos taken with the Camera app are stored in the Gallery app, but they can be previewed within the main camera screen also. The Gallery app displays the pictures and videos you have taken on your phone, downloaded from the web, or (where available) uploaded to a synchronized Picasa account (Google's web-based photo storage).

6.2 SHARE YOUR PICTURES & VIDEO

Pictures and videos stored in the Gallery app can be shared by a wide variety of methods.

To share a picture or video:

• In the App Launcher, touch 🖼.

• Select a picture, tap it, and then touch ⮊.

• Choose the application you would like to use to share the picture. (For example: Email, Gmail, Bluetooth, etc.)

7 BROWSING THE WEB

The browser application lets you surf the web on your phone.

To open the browser application:

• Press [icon].

The Browser window opens and displays your home page.

You can slide the screen up and down to scroll the browser window and use the touchscreen to interact with the web page.

TIP: *Touch a phone number to open the number in the phone app; touch an address on a web page to open the location in the Maps app; touch an email address to open the address in the Email or Gmail app.*

TIP: *Touch and hold an object, such as an address or photo, to bring up a menu of commands. For example, touch and hold a photo to save the photo on your phone.*

To navigate the browser:

• Press [icon] to move to the previous page.

• Press [icon] ➝ **Forward** to move to the next page.

• Press [icon] ➝ **Stop** to stop loading a page.

To enter a URL or search term:

1. Touch the URL/Search field at the top of the screen.
2. Enter a URL or search term, using the on-screen keyboard.

    As you enter information, matching search terms and websites display.

3. Touch [icon] to open a URL or search for entered text, touch a matching website to open it, or touch a matching term to search for it.

To zoom in and out:

• Double-touch to zoom in and out.

    Once zoomed in, slide the screen up, down, left, and right to view the entire page.

ALTERNATE: *Pinch the screen to zoom in and out. See Touchscreen for more information on how to pinch.*

To search for text within a webpage:

• Press [icon] ➝ **Find on Page**, then enter the text you want to search for.

    As you enter text into the search field, matching text on the page is highlighted.

TIP: *Touch [icon] [icon] to scroll through all matching text.*

7.1 BOOKMARKS, MOST VISITED & HISTORY

Easily bookmark frequently-visited sites, as well as view your bookmarks, history, and most-visited sites.

To bookmark a site:

1. Press ▤ ➤ **Save to bookmarks**.

2. Edit the information, if desired, then touch **OK** to confirm.

To view bookmarks, history, and most visited sites:

1. Press ▤ ➤ **Bookmarks**.

2. Touch the **Bookmarks**, **Saved Pages**, or **History** tab.

3. Touch the window to open it.

TIP: Touch and hold a page to open a menu that lets you manage an entry by editing, deleting, sharing, and more.

To clear your browser history:

• Press ▤ ➤ **Settings** ➤ **Privacy & security** ➤ **Clear history**.

For information on configuring or disabling what the Browser apps tracks, see Changing Browser settings.

7.2 USING MULTIPLE BROWSER WINDOWS

You can have up to 16 different browser windows open at one time.

To switch to another window:

• Touch ▤, then touch a window.

To close a window:

• Touch ▤, then touch ✖ beside a window.

To open a new window:

• Touch ▤ ➤ then touch ➕.

7.3 SET YOUR HOME PAGE

Your home page opens when the browser is first launched, or when you open a new browser window. You can set which website to use as your home page in the Settings window.

To set your homepage:

1. Press ▤ ➤ **Settings** ➤ **General** ➤ **Set homepage**

2. Enter a URL or touch **Use Current Page**.

7.4 CHANGING BROWSER SETTINGS

You can access standard browser controls in addition to configuring browser settings, such as how pages display or whether to track private information.

To access browser controls:

• Press ▤.

BROWSER CONTROLS

Refresh	Reloads the current page.
Forward	Moves to the next page.
Bookmarks	Displays bookmarked and saved pages.
Save to bookmarks	Adds current page to bookmarked pages.
Share page	Shares the current page using choice you select.
Find on page	Searches for text within the current page.
Request desktop site	Loads the desktop version of the site instead of the mobile version.
Save for offline reading	Adds current page to Saved pages for reading without internet connection.
Settings	*Displays additional options.*

To change your browser settings:

• Press ▤ ➝ **Settings.**

BROWSER SETTINGS

General	Sets your home page and toggles form auto-fill and auto-fill text on and off.
Privacy & security	Clears your browser's cache, cookies, history, or location. Also includes settings for remembering passwords and form data.
Accessibility	Displays options for increasing text size and improving readability.
Advanced	Displays options for setting default search engine, enabling JavaScript and plug-ins, resetting default zoom, blocking pop-ups, and more.
Bandwidth management	Saves bandwidth by preloading search results and toggling web page images off.
Labs	Toggles quick controls and fullscreen mode on and off.

8 PLAYING MUSIC

The Music app lets you listen to your music, see your music library, and create and listen to playlists.

To open the Music app:

• From the App launcher, touch 🔵.

  The Music app opens and displays your library.
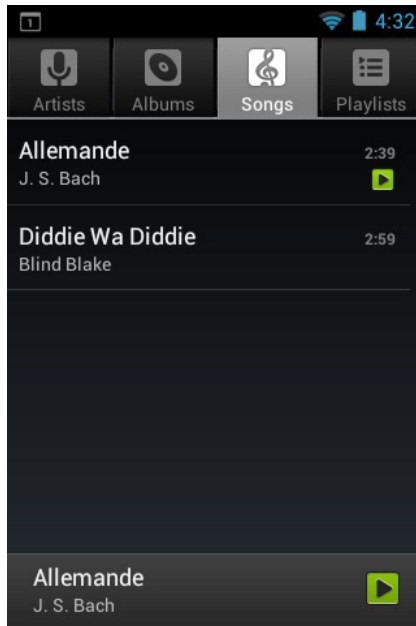
NOTE: If this is your first time using the Music app, the Music app may first have to catalogue the audio and music files on your phone into a library.

To view music on your phone:

• Touch one of the four tabs at the top of the screen to display Artists, Albums, Songs, or Playlists.
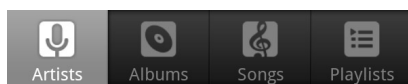
*TIP: To use a song as a ringtone, touch and hold the song, then touch **Use as phone ringtone.***

To play music:

• Touch a song to play it and all of the songs following it. For example, touch a song in an album to start playing the album, or touch a song in a playlist to start playing the playlist.

TIP: Touch and hold an artist, album, or playlist, then touch Play to play every song for that artist, album, or playlist.

8.1 PLAYBACK SCREEN

The Playback screen displays the current song and lets you shuffle your music, pause a song, and more.
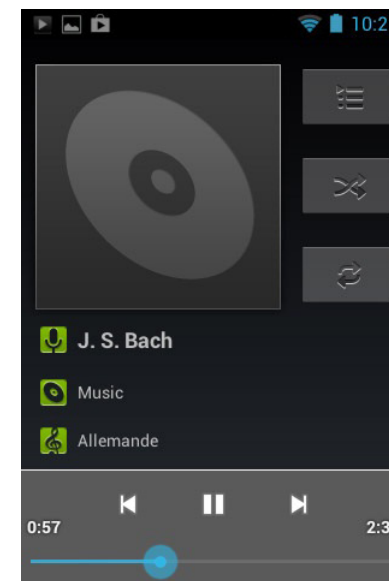
To see the current playlist	Touch ☰ .
To play your songs in random order	Touch ⤨ .
To repeat a playlist or song	Touch ⟳ once to repeat all songs; touch twice to repeat current song; touch again to turn repeat off.
Play the next song	Touch ▶| .

Play the previous song	Touch ◄◄ .
Pause or resume playing	Touch ❚❚ to pause the current song. Touch ▶ to resume playing.

TIP: Touch ▶ *at the bottom of the library screen to return to the playback screen.*

8.2 WORKING WITH PLAYLISTS

You can use playlists to organize your music files into sets of songs.

To create a playlist:

1. Touch and hold a song, then touch **Add to playlist → New**.
2. Enter the name of the new playlist, then touch **OK**. The playlist is created, with the song you selected as the new playlist's first song.
3. Continue adding songs to the playlist by touching and holding each song you want to add, then touching **Add to playlist** and selecting the playlist.

Rearrange songs in a playlist:

1. From the music library, touch the **Playlists** tab, then touch a playlist.
2. Touch and hold the left side of a song entry, then drag a song up or down to change its order in the playlist.
3. Press ↰ to save the new arrangement and exit the playlist.

Remove songs from a playlist:

1. From the music library, touch the **Playlist** tab, then touch a playlist.
2. Touch and hold a song, then touch **Remove from playlist**.

Rename or delete a playlist:

1. From the music library, touch the **Playlist** tab.
2. Touch and hold a playlist, then touch **Rename** or **Delete**.

8.3 MANAGING MUSIC ON YOUR PHONE

You can delete music on your phone.

To delete a song from your phone:

1. Find the song you want to delete.
2. Touch and hold the song, then touch **Delete**.
3. Touch **OK** to confirm.

8.3.1 TRANSFERRING MUSIC FROM COMPUTER

To transfer music, audio, or playlist files from your computer to your phone, follow the instructions for transferring files described in Transfer Files between your Phone and Computer.

Once files are transferred, the Music app will automatically find and catalogue all supported music, audio, and playlist files (including music purchased from online stores and music copied from your CD collection).

Supported file types: MP3, WMA, AMR-NB, AMR-WB, WB-AMR+, PCM, ADPCM, AAC, AAC+, eAAC+, mono/stereo, 16/32/48 kHz, and OggVorbis.

9 FM RADIO

The FM Radio app plays your favorite FM radio stations on your phone.

NOTE: *You must have a headset plugged into your phone to be able to use the FM Radio app.*

9.1 CONTROLS

To Mute the FM Radio app, touch 🎵.

Touch 🎵 to turn Mute off.

To listen to the FM Radio app over the phone's speaker, touch 📻.

Touch 🎧 to listen to the FM Radio app on your headset.

To turn off and exit the FM Radio app, touch ⏻.

Touch ⏮ or ⏭ to scan back or ahead to the next clear station.

To adjust the tuner back or ahead by 0.1, touch ◀ or ▶.

9.2 SET FAVORITE CHANNELS

You can save six channels as favorites. You can quickly switch between these channels with the press of just one button.

To set a channel as a favorite, tune to that channel and then touch and hold one of the empty favorite buttons: [+]. That channel number will now appear on that button: [91.5]. When you are tuned to a favorite channel, that channel's favorite button will be highlighted: [101.9].

Once you set a channel as a favorite, just touch that channel's button to quickly tune to it.

9.3 CHANNEL MANAGEMENT

Touch 🔘 to manage channels on the FM Radio app.
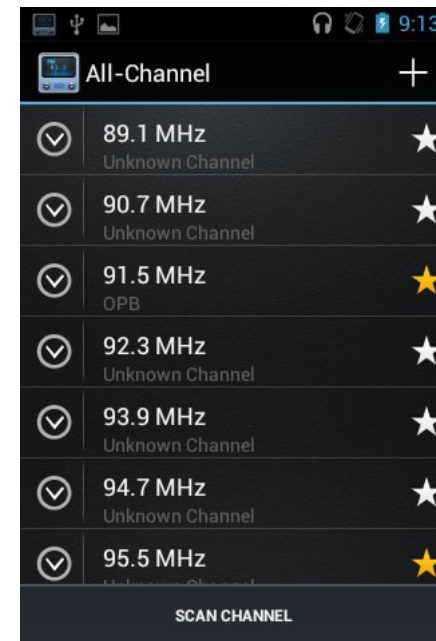
The first time you enter Channel Management, only your favorite channels are listed. Touch **SCAN CHANNEL** to add all available channels to the list.

NOTE: A yellow star denotes a favorite channel. Touch a yellow star to remove that channel from your favorites. Touch a white star to add that channel to your favorites.

Touch any channel to tune to that channel and exit Channel Management.

Touch ⊙ in front a channel to edit that channel's name.

To delete a channel from Channel Management view, touch and hold a channel until the deletion screen appears. Touch 🗑 to delete the selected channel and return to Channel Management view.

9.4 OPTIONS AND SETTINGS

Press ▤ to bring up the Options menu for the FM Radio app.
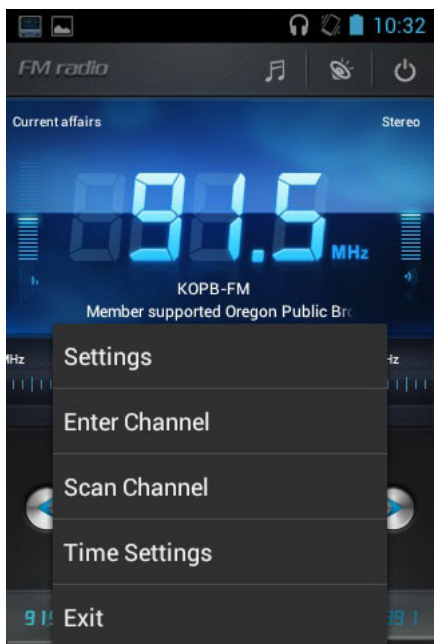
9.4.1 SETTINGS

Touch **Settings** to access the following:

• Enable RDS (Radio Data System): If checked, RDS info will display on main screen.

• Set RDS AF (Alternative Frequencies): If checked, the receiver will re-tune to a different frequency providing the same station when the first signal becomes too weak (if you move out of range).

• RDS System: Choose between RDS and RBDS.

• Band: Choose between European FM frequency scope (87.5MHz to 108.0MHz) or the Japanese FM frequency scope (76.0MHz to 90.0MHz).

• Ch Space (Channel Space): Set the KHz range used when scanning channels.

• RSSI (Received Signal Strength Indicator): This value determines what channel can be scanned. For example, if the value is 10, the channel can be scanned when its RSSI value is less than 10. The valid RSSI value range is 1 to 127.

9.4.2 ENTER CHANNEL

Touch **Enter Channel** to manually input a radio station. After you touch **OK**, the FM Radio app will automatically tune to that channel and exit Options.

9.4.3 SCAN CHANNEL

Touch **Scan Channel** to scan all available channels. FM Radio will play the previous channel after the scan completes. Scanning can be interrupted by touching ⬅.

9.4.4 TIME SETTINGS

Touch **Time Settings** to set a period of time after which the FM Radio app will automatically shut down and exit.

10 CONNECTIONS

Your phone can connect to Wi-Fi networks, Bluetooth wireless technology-enabled products (such as headsets), and your computer. You can also connect to virtual private networks (or VPNs) and use your phone as a hotspot.

10.1 USING WI-FI

Connect to Wi-Fi networks to browse the internet, check your email, and more.

TIP: Use a Wi-Fi connection to help save on data costs.

To connect to a wireless network:

1. From the Home screen, press ▤ ➞ **System settings** ➞ **Wi-Fi**.
2. If Wi-Fi is not enabled, touch **Wi-Fi** to turn it on.
3. The available networks will be displayed.
4. Touch a network, then touch **Connect**.

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*NOTE: For secured networks, enter the requested security information, then touch **Connect**.*

TIP: Quickly toggle Wi-Fi on/off from the Home screen by dragging down the notification panel and touching the Wi-Fi icon.

To add a network:

1. From the Home screen, press ▤ ➞ **System settings** ➞ **Wi-Fi**.
2. Scroll to the bottom of the list of available networks and touch **Add network**.
3. Enter the network's SSID (the name of the network).
4. Touch **Save**. Your phone saves the information you entered and uses it to connect to the network whenever it is available.

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*NOTE: If the network is secured, enter the security information by touching **None** (under Security) and selecting the type of network security that the network uses (for example, WEP or WPA/WPA2 PSK). Then enter the requested security information, such as a password.*

To remove or modify a saved network:

1. From the Home screen, press ▤ ➞ **System settings** ➞ **Wi-Fi**.
2. Touch and hold the network, then touch **Forget network** or **Modify network**.

10.2 WIRELESS BLUETOOTH® CONNECTION

To connect to a Bluetooth wireless technology-enabled product for the first time, you must pair it with your phone. Once paired, your phone will automatically connect to paired products. You can use your phone to connect to wireless products featuring Bluetooth technology up to eight meters away.

To pair phone with Bluetooth wireless technology-enabled product:

1. From the Home screen, press ▤ ➞ **System settings**.
2. If Bluetooth is **OFF**, touch **OFF** to toggle it on.
3. Touch **Bluetooth**. The available Bluetooth wireless technology-enabled products will be displayed.
4. Select the product you wish to pair.
5. Confirm the product number and touch **Pair** to pair the product. Once paired, your phone will automatically connect with the product.

---

*NOTE: If the product requires a pass code before pairing, try entering **0000** or **1234** or check the product's documentation. If your phone does not display the Bluetooth wireless technology-enabled product, touch **Search for devices** to rescan. See the documentation that came with your product to learn how to configure it to be discoverable by phone.*

To disconnect a Bluetooth wireless technology-enabled product:

1. From the Home screen, press ▤ ➞ **System settings** ➞ **Bluetooth**.
2. Touch a connected product, then touch **OK** to disconnect.

To reconnect a paired Bluetooth wireless technology-enabled product:

1. From the Home screen, press ▤ ➞ **System settings** ➞ **Bluetooth**.
2. Touch a paired product that you want to connect.

To unpair Bluetooth wireless technology-enabled product:

1. From the Home screen, press ▤ ➞ **System settings** ➞ **Bluetooth**.
2. Touch ⚙ next to a paired but disconnected product, then touch **Unpair**.

TIP: Pull down the Notifications panel to quickly toggle Wi-Fi and/or Bluetooth On or Off. (See Status & Notification Icons)

10.2.1 SHARE FILES VIA WIRELESS BLUETOOTH® CONNECTION

To share files via wireless Bluetooth connection:

1. From the App Launcher, touch [icon] and select files to share.

2. Touch [icon] and then select Bluetooth from the pop-up list.

3. Select a paired device from the Bluetooth device picker list, and the file will be shared via wireless Bluetooth connection.

NOTE: Instructions for sharing pictures and videos stored on your phone can be found in 6.2 Share Your Pictures & Video.

10.3 TRANSFERRING FILES BETWEEN YOUR PHONE & COMPUTER

Transfer files between your phone and computer by connecting your phone to your computer's USB port.

To transfer files between your phone and your computer:

1. Use the USB cable that came with your phone (the "cord" of your phone's power cord) to connect your phone to your computer's USB port.

Warning! Follow any instructions that appear on your computer when connecting to the USB port. Failure to follow these instructions may result in damage to your files**.**

2. Once connected, drag down the notification panel and touch **Connected as a mass storage** to change connection type: Mass Storage, Media device (MTP), and Camera (PTP).

10.4 CONNECTING TO VIRTUAL PRIVATE NETWORKS

Virtual private networks (VPNs) allow you to connect to a secured local network from outside the network. VPNs are commonly deployed by schools, corporations, and other institutions that rely primarily on an on-location network but allow secure access from the outside.

To connect to a VPN for the first time, add that VPN to your phone. You can then connect to it automatically at any time.

To add a VPN to your phone:

1. From the Home screen, press [icon] ➞ **System settings** ➞ **More...** (under the Wireless & Networks section) ➞ **VPN** ➞ **Add VPN network**.

2. Select the type of VPN, based on instructions from your VPN administrator, and then follow your network administrator's instructions to configure each component of the VPN's settings.

3. When you are done configuring the VPN, touch **Save**.

   Your phone saves the VPN's configuration and connects.

To connect to a previously-added VPN:

1. From the Home screen, press [icon] ➞ **System settings** ➞ **More...** (under the Wireless & Networks section) ➞ **VPN**.

   The VPNs you have added are listed at the top of the screen.

2. Touch the desired VPN. Enter any requested information.

3. Touch **Connect**.

To disconnect from a VPN:

• Open the notifications panel, touch the active VPN notification, and touch **Disconnect**.

TIP: You must set a lock screen PIN or password before using connecting to a Virtual Private Network.

10.5 SHARING YOUR PHONE'S DATA CONNECTION

You can share your phone's data connection with a computer, allowing that computer to access the internet by using your phone's data stream. You can share your phone's data connection with a single computer by using USB tethering or with up to eight computers at a time by enabling the Portable Wi-Fi hotspot setting.

NOTE: Not all carriers support sharing your phone's data connection. Please check with your carrier to find out more.

10.5.1 SHARE YOUR PHONE'S DATA CONNECTION VIA USB TETHERING

You can share your phone's data connection with a single computer via the USB port; however, you can do this only when you are not currently using the USB port to share files.

*NOTE: Some operating systems, such as Windows XP, require you to prepare your computer before enabling USB tethering. Visit **www.android.com/tether** for more information.*

To tether your phone:

1. Use the USB cable that came with your phone to connect your phone to your computer's USB port.
2. From the Home screen, press ▤ ➤ **System settings** ➤ **More...** (under the Wireless & Networks section) ➤ **Tethering & portable hotspot**.
3. Touch **USB tethering** to enable tethering.

    Your phone will begin sharing its data connection with your computer. For help with setting up USB tethering on your computer, please use the Help available on the **Tethering & portable hotspot** settings page on your phone.
4. When you are finished, uncheck **USB tethering** or simply disconnect the USB cable.

Go to **http://software.intel.com/en-us/articles/intel-usb-driver-for-android-devices** for the latest drivers.

10.5.2 SHARE YOUR PHONE'S DATA CONNECTION AS A WI-FI HOTSPOT

You can turn your phone into a Wi-Fi hotspot to let other computers and devices use your phone's data connection as a wireless network.

To turn your phone into a Wi-Fi hotspot:

1. From the Home screen, press ▤ ➤ **System settings** ➤ **More...** (under the Wireless & Networks section) ➤ T**ethering & portable hotspot**.
2. Touch **Portable Wi-Fi hotspot** to enable it.

    Your phone will broadcast its Wi-Fi SSID and can be connected to like any other wireless network.

Uncheck the **Portable Wi-Fi hotspot** setting to stop sharing your phone's data connection.

SECURE YOUR PORTABLE WI-FI HOTSPOT

You can secure your phone's Wi-Fi connection, so that other devices and computers can only use it as a Wi-Fi hotspot after entering the required security information.

To secure your phone's portable Wi-Fi hotspot:

1. From the Home screen, press ▤ ➤ **System settings** ➤ **More...** (under the Wireless & Networks section) ➤ **Tethering & portable hotspot**.
2. Ensure that Portable Wi-Fi hotspot is checked, then touch **Configure Wi-Fi hotspot**.
3. Change any desired security settings, then touch **Save**.

10.6 CONNECTING TO A WIRELESS DISPLAY (WIDI)

You can enjoy all of your personal and online content on your big screen—by wirelessly connecting your phone to your TV.

To set up Wireless Display:

1. From the Home screen, touch ⊞ ➤ 🖥.
2. Touch the checkbox to the right of **Wireless Display** to turn WiDi on.
3. Determine **Video Extend Mode** preference. (Unchecked: phone and TV display same content at max resolution of phone's LCD screen. Checked: video displays only on TV (phone may still be used as remote control), but video will be displayed at TV's max resolution.)
4. When scanning completes, touch an adapter name to connect to it.
5. Enter the 8-digit pin code shown on the TV screen and touch **OK**.

NOTE: Once connected, the 📶 *icon next to the adapter name will change to* 📶 *.*

To disconnect Wireless Display:

1. From the Home screen, touch ⊞ ➤ 🖥.
2. Touch the name of the adapter you are currently using.
3. Touch **Disconnect**.

*TIP: Follow the first two steps above and then choose **Rename** to give this adapter a custom name, such as Living Room, My Place, etc.*

10.7 CONTROL YOUR PHONE FROM A PC

MOBILedit! allows you to control your phone from a PC. Download MOBILedit! to any computer and connect your phone via cable, wireless Bluetooth connection, or IrDA. You will be able to view the contents of your phone, as well as synchronize, add, edit, or delete items.

Go to www.mobiledit.com/oem and enter the code **intel-001303** to register and then download the MOBILedit! software.

11 ACCOUNTS

You can keep your phone synchronized with your Google, email, and corporate accounts, as well as synchronizing contacts with other applications.
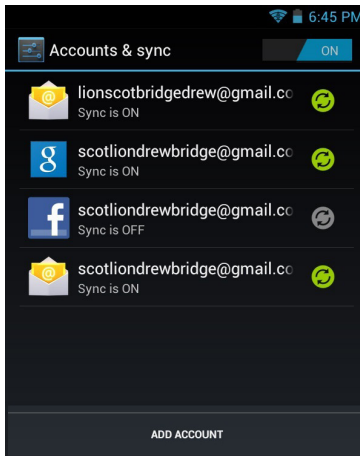
To open the Accounts screen:

• From the Home screen, press ▤ ➔ **System settings** ➔ **Accounts & sync**.

To add an account to your phone:

1. From the Accounts screen, touch **Add Account**.
2. Select the type of account to add, such as a corporate account (using Microsoft Exchange) or a Google account.
3. Follow the on-screen instructions for configuring your account (or configure your account manually).

NOTE: The first time you open an app using accounts (such as Email, Calendar, or Gmail) you will be prompted to add an account. The process for adding an account within these apps is identical to that described above.

To remove an account from your phone:

1. From **Accounts & sync**, touch the account to remove.
2. Press ▤ ➔ **Remove account**.
3. Touch **Remove account** to confirm deletion.

To change an account's synchronization settings:

1. From Accounts & sync, touch the account synchronization setting you want to change.
2. In the next screen, check or uncheck the type of information you want synchronized. For example, your Google account lets you enable or disable synchronization of your Browser, Contacts, Calendar, Google Photos, Picasa Web Albums (where available), and Gmail.

NOTE: Previously synchronized data remains on your phone until you manually delete it.

To turn automatic synchronization on or off:

• From **Accounts & sync**, select **OFF/ON** in the top-right corner of the screen.

NOTE: If this option is turned off, accounts and applications must be synchronized manually.

To manually synchronize an account:

1. From **Accounts & sync**, touch the account to sync.
2. Touch the type of data to sync.

TIP: You can sync all types of data for the account by pressing ▤ ➔ Sync now.

NOTE: Data charges may be incurred during the synchronization process.

12 EMAIL

Use the Email app to access your web-based email (such as Yahoo or Hotmail) or your corporate accounts (using Microsoft Exchange). The screen shots in this chapter show a Gmail account set up using the Email app.

NOTE: Before using the Email app, first set up your accounts as described below.

To use the Email app:

• Touch 	➔	 .

Your inbox will be displayed, with new messages at the top and unread messages in bold.
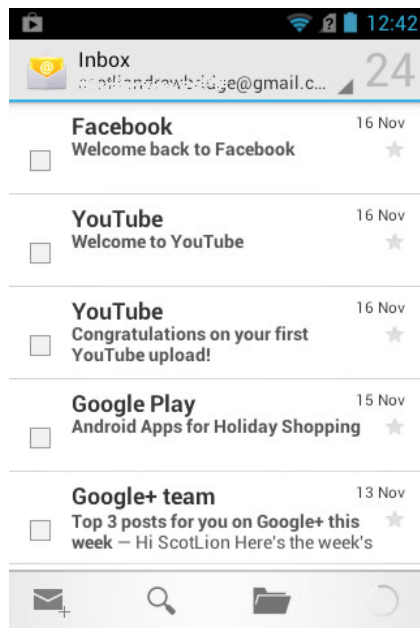
NOTE: If you have set up multiple email accounts, you will be able to view one account's inbox or a combined inbox with all your emails from all accounts. This is described under Working with the Accounts screen.

*TIP: To work with multiple messages in your inbox, touch the checkbox next to each message you want to work with, and then touch **Mark unread, Add star,** or **Delete**.*

To add a new account:

If you are launching the Email app for the first time, the Email Account Wizard will guide you through adding an account.

1. Enter your email address and password.
2. Touch **Next**, then wait for the Email app to connect with your mail provider.
3. Enter a display name (the name displayed to anyone to whom you send a message.) You can also enter an optional account name, which will display in the Email app's list of accounts.
4. Touch **Done** to add the account.

---

*NOTE: You can add another account at any time. Press ▤ ➔ **Settings,** and then touch **Add Account** in the top-right corner of the screen.*

To view an account's folders:

1. Touch 	to view a list of the account's folders.
2. Touch a folder to open it.

To check for new messages:

• Touch 	 .

TIP: Synchronized accounts refresh automatically.

To read a message:

• Touch a message to open it.
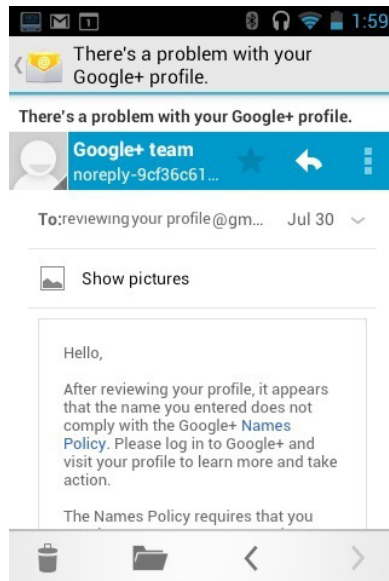
The following actions are available while working with a message:

To open or save an attachment	Touch **View** or **Save** to open or save an attachment.
To display images	Touch **Show pictures** to display images within a message.
To reply	Touch 🔙 to reply to the sender or touch ⋮ ➝ **Reply all** to reply to all recipients.
To forward	Touch ⋮ ➝ **Forward**.
To delete	Touch 🗑. **NOTE:** *Some accounts let you recover deleted messages from a Trash folder.*
To mark a message unread	Press ☰ ➝ Mark as unread.
To star a message	Touch ☆.
To open previous or next message	Touch ◀ or ▶ at the bottom of the screen.

To send a message:

1. Touch ✉.
2. Enter the recipient, subject, and message text.
3. Touch ➤ to send the message, press ☰ ➝ **Save draft** to save it as a draft, or press ☰ ➝ **Discard** to discard unsaved drafts.
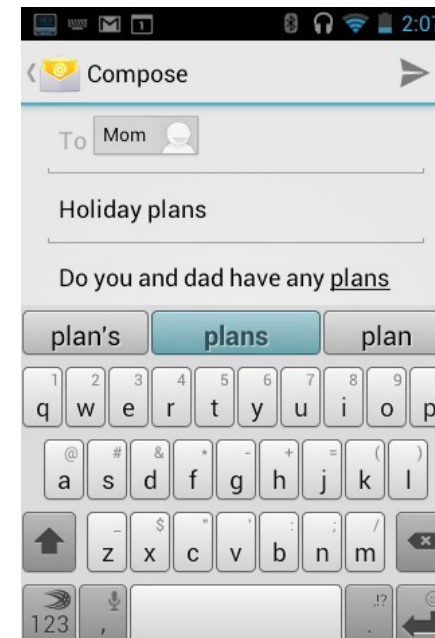
TIP: Add an attachment (such as a picture) by pressing ☰ ➝ **Attach file** and selecting an attachment.

TIP: Add a Cc or Bcc recipient by pressing ☰ ➝ **Add Cc/Bcc**.

12.1 WORKING WITH ACCOUNTS

If you have more than one email account, you can switch between inboxes using the Accounts screen.

NOTE: Adding and removing accounts is described in Accounts.

To open the Accounts screen:

• In the Inbox, touch the drop-down menu at the top of the screen.

To open an inbox:

• Touch an account to open that account's inbox or touch **Combined View** to view all of your accounts' messages in one inbox.

TIP: When working in the combined inbox, different account's messages are marked with colored bars.

To display an account's folders:

• Touch ▢ in the lower right of the screen, then touch an account to display that account's inbox, and then touch ▢ to view that account's folders. Touch a folder to open it.

NOTE: Only folders containing messages are displayed.

12.1.1 ACCOUNT SETTINGS

To change an account's settings:

• From an account's inbox, press ▤ ➞ **Settings**, then select the account for which you want to change settings.

ACCOUNT SETTINGS

You can change any of the following account settings:

Account name	Enter your account's name.
Your name	Enter the name people will see when you send a message from this account.
Signature	Enter the signature to append to messages sent from this account.
Quick responses	Edit text that you frequently insert when composing emails.
Default account	Select the default email account. *NOTE: The default email account is used whenever you send an email without specifying which account to send it from, such as when you click on a contact's email address.*
Inbox check frequency	Select how often the Email app checks this account for new messages.
Download attachments	Select this to auto-download attachements to recent messages via Wi-Fi.
Email notifications	Receive a notification whenever a new email arrives in this account's inbox.
Choose ringtone	Select the ringtone for new email notifications. *TIP: Select "silent" to turn off email ringtones.*
Vibrate	Select this to make the phone vibrate when you receive a new message.
Incoming and Outgoing settings	Configure the server settings for this account.
Remove account	Select this to remove the current account from the Email app. Touch **OK** to confirm removal.

13 CALENDAR

The Calendar app lets you create and manage events, meetings, and appointments. By default, your Calendar app automatically synchronizes with any Google or Microsoft Exchange accounts you have added to your phone.

NOTE: *See Accounts for information on how to add accounts to your phone and how to configure the synchronization of existing accounts.*

To use the Calendar app:

• Touch [icon], then touch [icon]

The Calendar app opens, displaying events from all of your synchronized accounts.
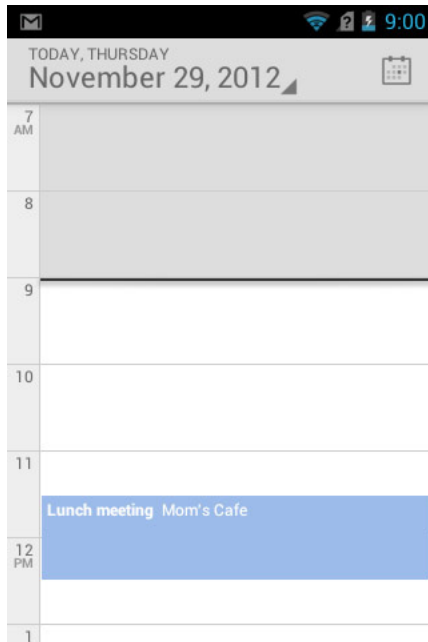
13.1 VIEWING YOUR EVENTS

The Calendar has four views:

• **Day:** Displays a calendar view of one day, with a black line indicating the current time.

• **Week:** Displays a calendar view of one week.

• **Month:** Displays a calendar view of one month, with scheduled times marked with a horizontal colored bar.

• **Agenda:** Lists an agenda of your events in chronological order.

TIP: *Touch to see a day's events.*

NOTE: *All-day and multiday events display at the top of the agenda, day, and week views.*

To change the calendar view:

• Touch the date and select a view option or touch **Day** to return to today's events.
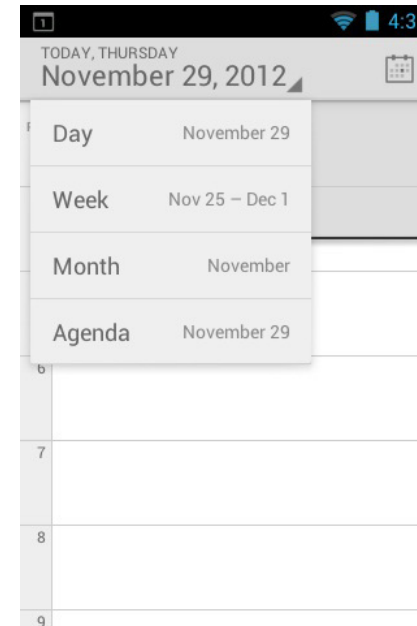
TIP: *Slide up and down to move backwards and forwards.*

NOTE: *The Calendar app synchronizes events from the previous month through one year in the future.*

To view an event's details:

• Touch an event to view its details.

The following actions are available while viewing an event's details:

To respond to an invitation	Select **Yes**, **Maybe**, or **No**.
To add reminders	Use the drop-down menus to select a reminder lead time and a notification. Touch **Add reminder** to add an additional reminder. Press ↶ to exit the event and save reminders.
To remove reminders	Touch **X.**
To change a reminder	Touch **Reminder** and choose when you want to be reminded.
To edit an event	Touch 🖊.
To delete an event	Touch 🗑.

To create an event:

1. In any of the calendar views, press ▤ ➝ **New event**.

   ALTERNATE: In Day, Week, or Month view, touch and hold a spot on the calendar, then touch **New event**.

2. Specify the event name and time.

   Enter any details, such as guest emails to invite to the event or a reminder you want to set.

3. Touch **Done**.

NOTE: If you have more than one calendar, you can choose the calendar to which to add the event.

13.2 STORING & DISPLAYING CALENDARS

For each of your synchronized calendar accounts, you can set whether the calendars are stored on the phone and whether they are visible.

NOTE: For information on adding and synchronizing accounts, see Accounts.

To specify whether calendars are stored and displayed:

1. Press ▤ ➝ **Calendars to display**.

2. Check the calendar you wish to display.

13.3 CHANGING CALENDAR SETTINGS

To change calendar settings:

• Press ▤ ➝ **Settings** ➝ **General settings**.

You can change any of the following settings:

Hide declined events	Do not show events which you have declined to attend.
Show week number	Display the week of the year for the week shown.
Week starts on	Select which day starts the week.
Use home time zone	When travelling, continue to show events in your home time zone rather than the local time zone.
Home time zone	Specify the time zone to use for **Use home time zone**.
Clear search history	Remove all the searches you have performed.
Notifications	Toggle the following options off/on:
Choose ringtone	Select the ringtone for new event notifications. *TIP: Select the ringtone "silent" to turn off event ringtones.*
Vibrate	Select this to make the phone vibrate when you receive a new event notification.
Pop-up notification	Toggle pop-up notifications off/on.
Default reminder time	Select a default time to be reminded for events.

14 GMAIL

You can create a Gmail account for your phone or sync your phone with your existing Gmail account.

NOTE: *Before using the Gmail app, set up your accounts as described in Accounts.*

To use the Gmail app:

• Touch ⊞, then touch ✉ .

Your Gmail inbox will be displayed.
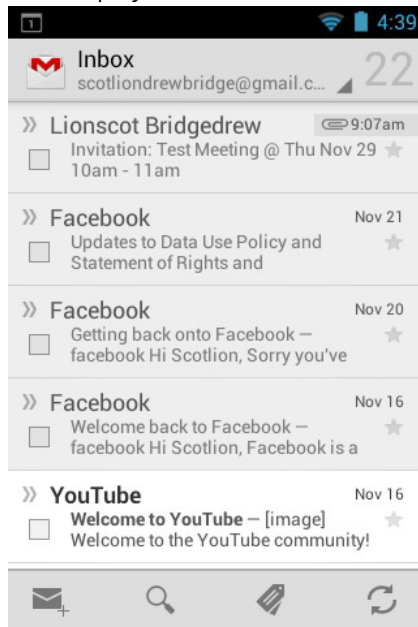
NOTE: *If you have multiple Gmail accounts, touch the top-left corner (with the name of the Gmail account) to switch to another account.*

To view account folders:

• Touch the name of the currently opened folder (in the upper left corner of the screen), then touch a folder to open it.

To read a message:

• Touch a conversation.

The following actions are available while working with a message:

To view or save an attachment	Touch **View** or **Save** to open or save an attachment.
To display images	Touch **Show pictures** to display images within the text of a message.
To reply	Touch 🔙 to reply to the sender or touch ⋮ → **Reply all** to reply to all recipients.
To forward	Touch ⋮ and then select **Forward**.
To delete	Touch 🗑 . **NOTE:** *Deleted conversations are placed under the Trash label and are automatically deleted after thirty days.*
To mark a message unread	Touch ✉ .
To star a message	Touch ☆ .
To open next or previous message	Swipe to the right or left.

To send a message:

1. From the inbox, touch ✉ .
2. Enter the recipient, subject, and message text.
3. Touch ➤ to send the message.

TIP: *Press ☰ → Save draft to save the draft. Touch 🗑 to discard a draft.*

TIP: *Add an attachment (such as a picture) to a message by pressing ☰ → Attach a file and selecting an attachment.*

TIP: *Add a Cc or Bcc recipient by pressing ☰ → Add Cc/Bcc.*

14.1 GMAIL SETTINGS

To open Gmail settings:

1. From your Inbox, press ☰ → **Settings**.
2. Touch **General preferences** to set Gmail settings or touch an account to configure that account.

15 OTHER PHONE FUNCTIONS

Your phone has several other functions, including downloads, navigation, and automatic updates.

15.1 UPDATING SOFTWARE

As updated versions of your phone's software become available, you can download them directly onto your phone over a Wi-Fi connection. There are three ways in which your phone can be updated:

Manually check for and install updates:

1. Press ▭ ➝ **System settings** ➝ **About Phone**.

2. Touch **System updates** and then touch **Update from OTA**.

3. If updated software is available, touch **Download and Install**. You can monitor the download in the Notifications Panel.

4. When the update is finished downloading, touch **Agree** to install the new software.

Insert a new SIM card:

When you insert a SIM card with a different phone number, the phone will automatically check for software updates. If an update is available, the phone will display a notification. Open the notificatin and follow the onscreen prompts to download and install the update.

Automatic polling:

Every 30 days, the phone will automatically check to determine if there is an update available. If an update is available, the phone will display a notification. Open the notification and follow the onscreen prompts to download and install the update.

NOTE: *In order to receive updates via OTA by any of these three methods, you must have Wi-Fi enabled on your phone.*

15.2 DOWNLOADS

You can use the Downloads application to view, open, or delete your downloaded items.

NOTE: *All downloaded items are stored on your phone's device memory, under the Download directory. You can view and copy items from this folder by connecting your phone to your computer, as described in Transfer Files between your Phone and Computer.*

To use the Downloads app:
1. Touch ⊞ , then touch ⬇ .
2. Touch an item to open it.

NOTE: *You can touch a header (such as "Today" or "Last month") to expand or conceal all downloaded items under that header.*

To delete a downloaded item:

• Touch the checkbox next to an item to select it, then touch 🗑 .

TIP: *You can uncheck the selected checkboxes.*

15.3 MANAGING APPLICATIONS

The Manage Applications screen lets you see and manage your installed applications by uninstalling an application, changing where an application is stored, and more.
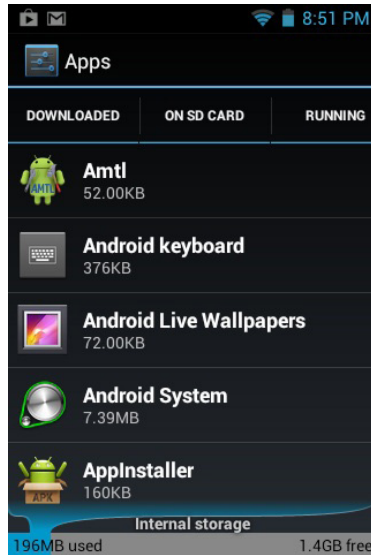
To manage applications:
1. From the Home screen, press ▭, then touch **Manage apps**.
2. Touch the tabs at the top of the screen to select which list of apps to display (apps that you have downloaded onto your phone, apps that are on your SD card, apps that are currently running, or all apps.)
3. Touch an app to display its storage usage, software version, and what actions it is permitted to perform.

To stop an application:
1. From the Apps screen, touch the **Downloaded** tab to view all applications you have downloaded.
2. Touch the application you want to stop.
3. Touch **Force stop**.

Important. Forcibly stopping an application may cause temporary errors on your phone and require you to restart your phone to restore full functionality.

To uninstall an application:
1. From the Apps screen, touch the **Downloaded** tab to view all downloaded applications.
2. Touch the application you want to uninstall.
3. Touch **Uninstall**, then touch **OK** to confirm.

15.4 APPLICATION INSTALLER

The Application Installer lets you move and install apps to and from an SD card or internal memory. Apps on an SD card can be moved to or installed to internal memory; likewise, apps in internal memory can be moved to or installed to an SD card.

To use the Application Installer:
1. Touch ⦾, then touch 🤖.
2. Touch the App Move tab and then touch the app to be moved.
3. On the App info page, touch **Move to phone** or **Move to SD card**.
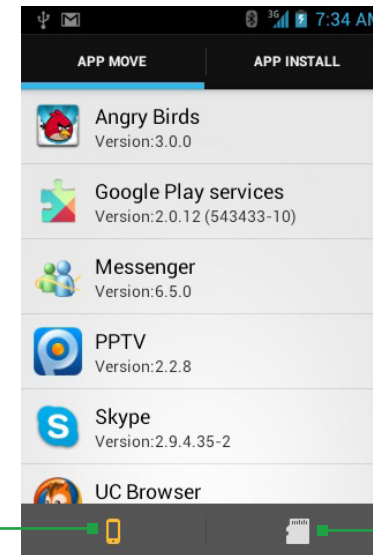
Apps installed to internal memory

Apps moved to or installed on SD card

To see the status/location of apps:
1. Touch ⦾, then touch 🤖.
2. Touch the App Install tab.
3. Touch **Installed Apps** to see all installed apps or touch **Uninstalled Apps** to see all apps that have been downloaded but not yet installed.
4. Touch an app to install or uninstall it.

NOTE: Not all applications support direct SD card installation; some can be installed only to internal memory. Check the apk's settings for details.

NOTE: If an SD card is not inserted in the phone, the apps installed or moved to it will not be available.

TIP: Touch and hold an app to enter multi-selection mode, which then allows you to select multiple apps.
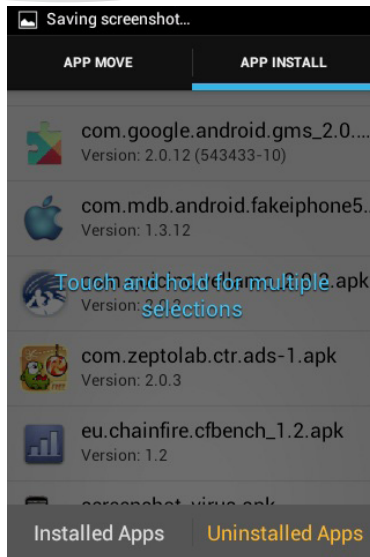
15.5 CLOCK

The Clock app displays the time and allows you to set alarms.

To open the Clock app:

• Touch 🞐, then touch 🕐.

To add an alarm:

1. Touch 🕑 in the middle of the clock screen.
2. Touch **Add alarm**.
3. Set the alarm time.
4. Touch **Set**.
5. Customize any additional alarm settings, such as ringtone or repeat.
6. Touch **OK**.

To turn an alarm on or off:

1. Touch 🕑 in the middle of the clock screen.
2. Touch the bar in front of the alarm to turn it on or off.
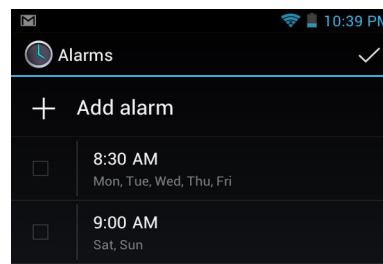
15.6 CALCULATOR

The Calculator app lets you use your phone as a calculator.

To use the Calculator app

• Touch 🞐, then touch ⌨.

You can use the touch screen to enter numbers, perform operations, and clear the screen, just as you would on a basic calculator.
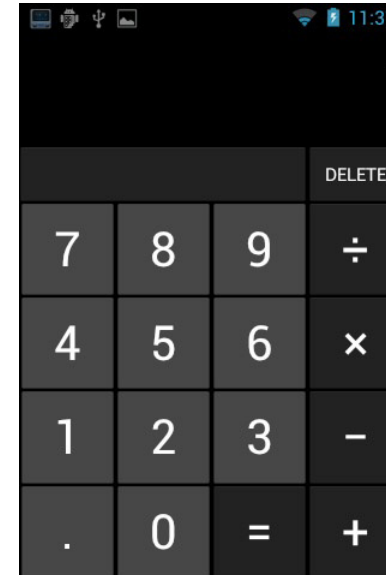
TIP: Slide the screen to the left to see more advanced functions, such as pi, sin, log, square root, and left & right parentheses.

15.7 GLOBAL POSITIONING SYSTEM (GPS)

GPS is a satellite navigation system that provides incredibly accurate location information. Receivers pull down information from an array of satellites to calculate the user's three-dimensional position. GPS technology can be found in many devices, from phones and wristwatches to ships and airplanes.

NOTE: The Google Maps and Google Nav apps are GPS-enabled. You can find more apps that use GPS in the Play Store.

To enable GPS:

• From the Home screen, press ▭ ➝ **System settings** ➝ **Location services** ➝ **GPS satellites**.

15.7.1 MAPS

Google Maps lets you find any location using your phone.

To use Google Maps:

1. Touch 🗺️ in the App Launcher.

2. Touch 🔍 or touch a suggested location.

3. Enter an address, a city, a business name, or a type of establishment in the search box.

*TIP: You can get directions or a street view for a location by touching the location on the map and then choosing **Directions** or pressing ▭ ➝ **Street view**.*

15.7.2 NAV

Google Nav turns your phone into a GPS-based navigation device.

To use Google Nav:

1. Touch ▲ in the App Launcher.

2. Enter an address.
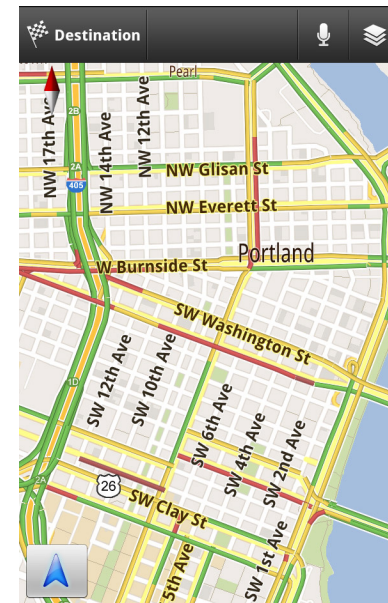
TIP: Select a contact or starred place to quickly navigate to a favorite location.

16 CHANGING PHONE SETTINGS

The settings window displays all of the settings that affect how your phone looks and works.

To open the settings window:

• From the Home screen, press ▭ ➡ **System settings**.

16.1 WIRELESS & NETWORKS

The Wireless & networks section configures your phone's connections, such as Wi-Fi, Bluetooth wireless technology, VPN, Wi-Fi Direct, and more.

Wi-Fi	Turn on Wi-Fi and configure any desired settings under **Advanced Wi-Fi**. For information on using Wi-Fi, see Using Wi-Fi.
Advanced Wi-Fi	From Settings, touch **Wi-Fi** ➡ press ▭ ➡ **Advanced**. • **Network notification:** Receive a notification when an open Wi-Fi network becomes available. • **Keep Wi-Fi on during sleep:** Choose when to keep Wi-Fi turned on. • **MAC address:** Displays your current MAC address. • **IP address:** Displays your current IP address.
Bluetooth	Turn on Bluetooth wireless technology. To see available devices, touch **Bluetooth**. From this Bluetooth screen, press ▭ for options: **Rename phone**, **Visibility timeout**, and **Show received files**. For more information on pairing your phone with a Bluetooth wireless technology-enabled product, see Wireless Bluetooth Connection.
Data usage	Turn **Mobile data** on to see your phone's data usage. You can also turn on **Set mobile data limit**.

Touch **More...** to access the following options:

Airplane mode	Disable all wireless connections, including Bluetooth wireless technology and 3G. Activating airplane mode greys out some other settings.
VPN	Configure your Virtual Private Network.
Tethering & portable hotspot	Configure your phone for tethering or for use as a portable hotspot with the following settings: • **USB tethering:** Share your phone's mobile data network connection with your computer via a USB connection. • **Portable Wi-Fi hotspot:** Share your phone's mobile data network connection as a portable Wi-Fi hotspot. • **Bluetooth tethering:** Share your phone's mobile data network connection via a Bluetooth connection.
Wi-Fi direct	Touch the box to turn on Wi-Fi direct and connect directly to nearby peer devices over Wi-Fi for more reliable, higher-speed communication. (No internet connection or tethering is needed.) Through third-party apps, you can connect to compatible devices to take advantage of new features such as instant sharing of files, photos, or other media; streaming video or audio from another device; or connecting to compatible printers or other devices.

Mobile networks	Configure your mobile data network using the following settings: • **Data enabled:** Clear this checkbox to prevent your phone from transmitting data on any mobile network. This is useful when you are traveling and wish to avoid charges for data use on a local carrier's network, and it also can decrease the battery usage. Disabling data does not prevent your phone from transmitting data on other networks, such as Wi-Fi or Bluetooth wireless technology-enabled products. • **Data roaming:** Clear this checkbox to prevent your phone from using other carrier's mobile networks when your own is unavailable. • **Access Point Names:** Select from the available access points. • **Use only 2G networks:** Touch to use only 2G networks. • **Network operators:** Scan for and select a network operator.

16.2 DEVICE

Sound settings let you configure your phone's sounds.

Volumes	Set the volume for each sound made by your phone, such as media or incoming calls.
Silent mode	Set your phone sounds to Off, Vibrate, or Mute.
Phone ringtone	Select the ringtone for a phone call. You can also select a song as a ringtone through the Music App. See Playing Music for more information.
Default notification	Select the notification ringtone.
Vibrate and ring	Turn on to make the phone vibrate when it rings.
Dial pad touch tones	Turn on to hear key presses when you dial numbers.
Touch sounds	Turn on to hear sounds when you touch items.
Screen lock sound	Turn on to hear a sound when you lock/unlock the screen.
Vibrate on touch	Turn on to make the phone vibrate when you touch items.

Display settings configure your phone's screen, such as its brightness or rotation.

Brightness	Adjust the screen's brightness automatically or select the desired brightness. For the longest battery life, use the lowest comfortable brightness.
Wallpaper	Select an image on your phone to display as your phone's wallpaper.
Auto-rotate screen	Check to automatically rotate the orientation of the screen as you turn the phone sideways or upright.
Sleep	Set how long a phone will idle before the phone enters sleep mode. For the longest battery life, use the shortest timeout.
Font size	Change the size of the text displayed on your phone.

Storage displays the usage of internal storage and USB storage.

Battery displays the battery's current charge, along with the battery usage of applications.

Apps launches **Manage apps**.

16.3 PERSONAL

Accounts & sync	Add, remove, and manage your accounts (including Google and Microsoft Exchange accounts.) For more information on working with accounts and synchronizing data, see Accounts.
Location services	Toggle on/off GPS and search features that use your current location.

Security	Secure your phone with a Slide, Pattern, PIN, or Password. See Securing your phone for more information.
	• **Encrypt phone:** Require a numerical PIN or password to decrypt your phone each time that you turn it on.
	• **Set up SIM card lock:** Require a PIN each time it is powered on.
	• **Make passwords visible:** Turn on to briefly display each character of your password.
	Asterisks are displayed by default.
	• **Device administrators:** View or deactivate device administrators.
	• **Uknown sources:** Allow installation of non-Market apps.
	• **Trusted credentials:** Display trusted CA certificates.
	• **Install from SD card:** Install certificates from SD card.
	• **Clear credentials:** Remove all certificates.
Language & input	Touch **Language** to choose a new language from the menu.
	• **Spelling correction:** Toggle off/on.
	• **Personal dictionary:** Display the user dictionary used to identify words you type.
	Touch the red X next to a word to delete it. Touch a word to edit it. Touch the **plus sign** to add a new word.
	• **Keyboard & Input Methods:** Display the onscreen keyboards available on your phone. Touch the sliders on the right to configure a keyboard.
	For more information, see **Onscreen Keyboard Basics**.
	• **Keyboard Layout:** Choose QWERTY or AZERTY layout.
	• **Voice Search:** Display options for setting language, SafeSearch, and blocking offensive words.
	• **Text-to-speech output:** Change the text-to-speech engine, adjust the speed at which text is spoken, and listen to an example.
	• **Pointer speed:** Adjust the speed of any mouse or track pad that is connected to or controlled by your phone.

Backup & reset	Use this setting to manage your personal information.
	• **Back up my data:** Back up certain personal data to Google servers. If you replace your phone, you can restore the data you have backed up.
	The following data can be backed up and restored: Browser bookmarks. Some third-party applications may also take advantage of this feature.
	Unchecking this option stops data back-up and deletes any existing backups.
	• **Backup account:** Set an account as your backup account.
	• **Automatic restore:** Restore your settings and other data when you reinstall an application using your current Google account.
	• **Factory data reset:** Erase all of your personal data from internal phone storage. Resetting the phone does not erase any software updates you have downloaded.
	You can also erase data downloaded to USB storage.
	After resetting your phone, you will be returned to the Google wizard when you next restart your phone.

16.4 SYSTEM

Date & time	The Date & time settings screen configures how the date and time are displayed on your phone. You can also use this screen to manually enter the date and time, rather than obtaining the current time from the mobile network.
	• **Automatic date & time:** Uncheck to set the date and time on the phone manually, rather than obtaining the current time from the mobile network.
	• **Automatic time zone:** Uncheck to set the time zone on the phone manually, rather than obtaining the current time zone from the mobile network.
	• **Set date/Set time/Select time zone:** Manually set the phone's date, time zone, and time. This setting is only available if the Automatic setting, above, is unchecked.
	• **Use 24-hour format:** Display the time using 24-hour time format—for example, 13:00 rather than 1:00 PM.
	• **Select date format:** Select the date format.

Accessibility	Toggle large text off/on, using the power button to end calls, and screen auto-rotate. Configure the length of the touch and hold delay and install web scripts from Google that make web content more accessible.
Sensor calibration	Use to calibrate your compass.
Developer options	Advanced options for developers.

About phone	Display information about your phone.
	
	• **System updates:** Check for Android system software updates.
	
	   • **Update from USB storage:** Check for updates on your USB storage.
	
	   • **Update from OTA:** Check for updates over the air.
	
	• **Status:** Touch to open the Status screen.
	
	• **Legal information:** Display legal information about the software included with your phone.

17 TROUBLESHOOTING

Use the following tips to troubleshoot any issues on your phone.

Outgoing calls are not connected:

• Ensure that you have touched 📞 to dial the number.

• Ensure that you are connected to the correct cellular network.

• Ensure that you have not turned on outgoing call barring
  (in Phone app, dialer tab, press ▤ ➝ **Settings**).

Incoming calls are not connected:

• Ensure that your device is turned on.

• Ensure that you are connected to the correct cellular network.

• Ensure that you have not turned on incoming call barring
  (under **Settings** ➝ **Call Settings**).

Others cannot hear you speaking on a call:

• Ensure that you are not covering the built-in microphone.

• Ensure that the microphone is close to your mouth.

• If you are using a headset, make sure that it is properly connected.

Audio quality is poor:

• When you are in an area with weak signals or poor reception, you may need
  to move to another area for better reception.

When dialling from contacts, the call is not connected:

• Ensure that the correct number is stored in the contact list.

• Re-enter and save the number if necessary.

The device beeps and a red ! icon is displayed:

• Your battery is low. ("Connect charger" will appear on screen.) Recharge or
  replace the battery to continue using the device.

Phone does not respond:

• Ensure the phone is fully charged.

• Try turning the phone off and then turning it back on.

• If the above does not work, press and hold the power button for 10 seconds
  until the phone turns off. Then release the power button and turn the phone
  back on.

18 SAFETY, REGULATORY & LEGAL

SAFETY AND OPERATIONAL GUIDELINES

IMPORTANT: *Review and adhere to these guidelines. Failure to do so may be dangerous or illegal. All statements, information, and recommendations contained herein do not constitute a warranty of any kind, either expressed or implied. The information contained herein is subject to change without notice. Read the complete user guide for further information.*

- Always comply with all local legal requirements or restrictions when using the phone, for example, in airplanes, gas or petrol stations, in hospitals, or while driving.

- Elements of the phone are made of glass and may break or become scratched if dropped or used improperly. You may be able to reduce the chances of any such harm by utilizing a case.

- As with any electronic device, please keep your phone away from any water including, for example, rain, wash basins or toilets.

- Do not attempt to repair or modify your phone yourself. This includes any access to or attempted replacement of the battery. Any attempt to do so will invalidate your warranty and regulatory approvals.

- Your mobile phone may be equipped with Global Positioning System (GPS) or Assisted GPS (AGPS) technology, which may be used to determine the approximate location of the mobile phone. When connected to a wireless network, the phone may transmit location-based information, including to third-party application providers. Please read your using manual and check the settings of any installed applications to ensure that you manage these location based services in accordance with your privacy preferences.

- Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 20 cm (9 inches) between the phone and pacemaker. When using the mobile phone hold it to the ear which is furthest away from the pacemaker. For more information, consult your doctor.

- Always keep the phone and accessories out of reach of small children. Small parts such as the SIM card can be dismantled and swallowed by small children.

- Keep the phone away from electromagnetic data carriers such as credit cards, disk drives, etc. Information stored on them could be lost.

- Permanent hearing loss may occur if you use earphones or headphones at high volume. You can adapt over time to a higher volume, which may sound normal but can be damaging to your hearing. Set your volume to a safe level. If you experience discomfort or buzzing in your ears, reduce the volume or discontinue use of your earphones or headphones.

- Ring tones, info tones, and hands-free talking are reproduced through the loudspeaker. Do not hold the phone to the ear when it rings or when you have switched on the handsfree function. Otherwise you risk serious permanent damage to your hearing.

- Please use only the power supply that was supplied with your phone. Failure to do so may damage the phone. The power supply must be plugged into an easily accessible AC mains power socket when charging the battery. The only way to turn off the charging device after charging the battery is to unplug it.

- The phone may cause interference in the vicinity of television sets, radios, computers and other electronic components.

- Dispose of unwanted batteries and phones in accordance with local law.

- Improper use of the device will invalidate the warranty! These safety instructions also apply to original accessories.

- Do not store the phone or any of its accessories on or near an automotive air bag, or air bag deployment area.

- Some people may be susceptible to blackouts, seizures or debilitating headaches when exposed to bright, flashing light such as, for example, when playing video games or watching other video content on the device. If you have experienced such medical issues in the past, please consult your physician before engaging in such activity on this device.

- Please take care not to use your device in potentially explosive environments such as, for example, fueling stations, fueling areas, fuel or chemical storage facilities, or areas where the air may contain chemical or dust particles such as grain particles or metal powders.

- The repetitive motion of certain actions, such as pressing keys or other repetitive finger motions, may cause discomfort in your hands, wrists, arms, shoulders, neck and other parts of your body. If you experience any such discomfort, please discontinue such actions until you have had an opportunity to consult with your physician.

- This phone includes a radio transmitter and receiver to transmit and receive, respectively, electromagnetic energy operating at various radio frequencies (RF energy). The device is designed to operate within local regulatory requirements concerning the exposure of this RF energy to human beings. Nonetheless, however you use your phone, you should keep the phone 15 mm away from your body to limit your exposure to RF energy.

- Connect only to USB interfaces with USB 2.0 version or higher.

- When using a wireless hands-free system (headphone, or a headset), please use a device with a low-power Bluetooth emitter.

- Please try to limit the length of your calls, or send a text message instead. This is particularly relevant to children, adolescents and those that are or may be pregnant.

- Please use the device when the signal quality is good.

- People having active medical implants should preferably keep the cell phone at least 15 cm away from the implant.

- Make sure the cell phone has a low SAR.

NOTE: *The operating temperature for this device is 0C to 45C; ensure the operating temperature for the adapter is not higher than 35C.*

In-Box Contents:

• Handset
• AC Adapter
• USB Cable
• Headset

CE Additional Warnings and DoC Information

CE 0682

Hereby, Intel Corporation declares that this mobile phone is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The Declaration of Conformity may be obtained from:

Intel Corporation
2200 Mission College Blvd
SC1-20
Santa Clara, CA 95054 USA
Attn: Product Certification Manager

"To prevent possible hearing damage, do not listen at high volume levels for long periods."

To ensure compliance to EN50332-1/EN50332-2, it is recommended that the in-box provided earphones are used with this device. To protect your hearing, please connect the earphones with the volume set low and increase only as required. Please note that prolonged listening through earphones at high volume settings can result in hearing damage. Please use the earphones provided with your device to ensure continued protection from excessive sound.

FCC Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

RF Exposure Information (SAR)

This mobile phone meets the government's requirements for exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement. Equipment Authorization has been granted to this model with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: O2Z-BTXZ0.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and which keeps a distance of at least 1cm between the phone and the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1cm from your body when the phone is switched on.

Notice

The information contained herein is subject to change without notice. All statements, information and recommendations contained herein do not constitute a warranty of any kind, either expressed or implied. Please review this product guide thoroughly, with particular attention paid to any safety sections, to make sure that you use your phone safely.
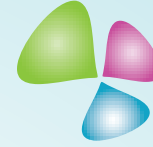
ETISALAT SMARTPHONE | E-20

User Guide

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