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Samsung GALAXY AXIOM™

S C H - R 8 3 0

A N D R O I D S M A R T P H O N E

User Manual

**Please read this manual before operating your
phone and keep it for future reference.**

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Section 1: Getting Started

This section allows you to quickly start using your Samsung SCH-R830 phone by installing the SIM and microSD cards, installing and charging the battery, activating your service, and setting up your voicemail account.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 225.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 190.

Note: Instructions in this manual are based on default settings, and may vary from your phone, depending on the software version on your phone, and any changes to the phone's Settings.

Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the phone's Settings.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following text conventions are used to represent often-used steps:

- Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures.

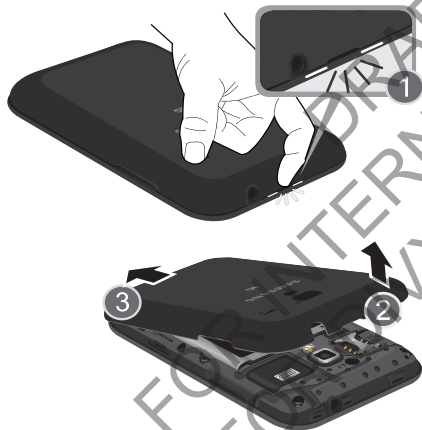
Example: “From the Home screen, Touch  **Menu**, then touch **Settings** → **Wireless and network** → **Wi-Fi settings**.”

Setting Up Your Phone

Before using your phone, you need to install the SIM card, microSD™ card, and battery into their respective internal slots and compartment.

Removing the battery cover

- Pull up using the slot provided (1), while lifting the cover off the phone (2).



Installing the SIM Card

When you subscribe to a 4G LTE cellular network, you are provided with a plug-in SIM card loaded with your subscription details.

Important! The SIM card must be installed for your phone to access 4G LTE.

Important! The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Make sure the gold contacts of the SIM card face into the phone, then carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.



Note: If the SIM card is not inserted correctly, the phone cannot make an LTE connection with the network.

Important! The SIM card provided with your phone is matched with it and will not function if transferred to any other device.

Installing the Memory Card

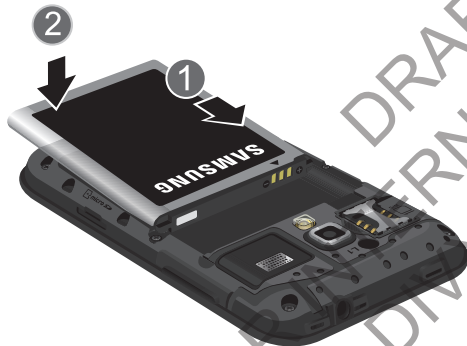
Your device lets you install a microSD™ (SD) or microSDHC™ memory card to expand available memory to store images, videos, music, some applications, and data.

- With the gold contacts facing down, carefully slide the memory card into the slot (as shown), pushing gently until it clicks into place.



Installing the Battery

1. Remove the battery cover. (For more information, see “Removing the battery cover”.)
2. Insert the battery into the phone (1), aligning the gold contacts on the battery with the gold contacts in the phone. Push down on the bottom of the battery (2) until it snaps into place.



Installing the battery cover

- Align the cover (1) and press it firmly into place (2), making sure it snaps into place at the corners.



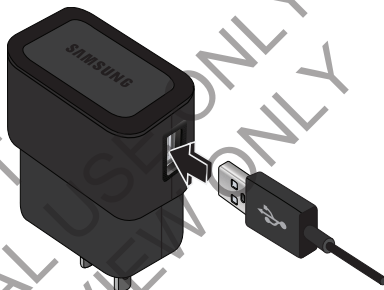
Charging the Battery

Your phone comes with a Wall/USB Charger (Charging Head and USB cable) to rapidly charge your phone from any 120/220 VAC outlet.

Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

After the first charge, you can use the phone while charging.

1. Connect the USB cable to the charging head.



2. On the phone, slide the connector cover (1) to expose the connector.



3. Insert the USB cable into the port (2).
4. Plug the charging head into a standard AC power outlet.
5. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the phone.

Battery

Your phone is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) is included with the phone, for charging the battery.

Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

After the first charge, you can use the phone while charging.

Warning! Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Battery Indicator

The battery icon  in the Annunciator Line shows battery power level. Two to three minutes before the battery becomes too low to operate, the empty battery icon will flash and a tone will sound. If you continue to operate the phone without charging, the phone will power off.

TTY Mode

Your phone is fully TTY-compatible, allowing you to connect a TTY device to the phone's headset jack. Before you can use your phone with a TTY device, you'll need to enable TTY Mode.

For more information, refer to “*TTY mode*” on page 128.

Turning Your Phone On

- Press and hold the  **Power/Lock** key for three seconds.

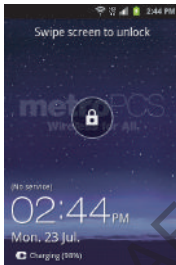
While powering on, the phone connects with the network (both digital and LTE), then displays the Locked screen and any active Notification alerts.

Note: Your phone's internal antenna is located along the bottom back of the phone. Do not block the antenna; doing so may affect call quality or cause the phone to operate at a higher power level than necessary.



Unlocking Your Phone

1. If needed, Press the  **Power/Lock** key on the upper right side to wake the screen.
2. Swipe across the screen.
The Home screen appears.



Checking Voicemail

1. Touch  **Home** →  **Phone**.
2. Touch and hold .
3. Follow the automated instructions to manage voicemail.

Tip: You can also access **Voicemail** by dialing your phone number from any touch-tone phone.

Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you'll want to set up your voicemail and personal greeting as soon as you activate your phone.

Setting up Voicemail

1. Touch  **Home** →  **Phone**.
2. Touch and hold .
3. Follow the automated instructions to set up your new password and record a greeting.

Displaying Your Phone Number

- Touch  **Home** →  **Menu** → **Settings** → **About phone** → **Status**.
Your phone number displays under **Phone number**.

Your Google™ Account

Your new phone uses your Google account to fully utilize its Android features, including Gmail, Google Maps, Google Talk, and the Android Market. When you turn on your phone for the first time, you should set up a connection with your existing Google account, or create a new Google account.

1. Touch  **Home** →  **Applications** →  **Gmail**.
The **Add a Google Account** screen displays.
2. Touch **Next** to continue.
3. Follow the on-screen instructions to create a Google Account, or to sign in if you already have a Google account.

Resetting your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to reset it:

1. From your computer, use an Internet browser to navigate to <http://google.com/accounts>.
2. Once the URL loads, click on the **Can't access your account?** link.

3. Under **Forgot your password?**, follow the password reset prompts.

Roaming

When you travel outside your home network's coverage area, your phone can roam to acquire service on other compatible digital networks. When Roaming is active, the Roaming icon () appears in the Annunciator Line of the display.

Tip: You can set your phone's roaming behavior. (For more information, refer to "*Mobile networks*" on page 126.)

During roaming, some services may not be available. Depending on your coverage area and service plan, extra charges may apply when making or receiving calls.

Note: Contact your Wireless Provider for more information about your coverage area and service plan.

Securing Your Phone

By default, the phone locks automatically when the screen times out, or you can lock it manually. You can unlock the phone using one of the default Unlock screens, or for increased security, use a personal screen unlock pattern, a Personal Identification Number (PIN), or a password.

For more information about creating and enabling a Screen unlock pattern, see *“Screen unlock settings”* on page 135.

For other settings related to securing your phone, see *“Location and security”* on page 133.

Note: Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

Locking the phone manually

- Press the  **Power/Lock** key on the upper right side of the phone.

Unlocking the phone

For information on unlocking your phone, see *“Unlocking Your Phone”* on page 12.

Unlocking with a Personal Screen Unlock Pattern

1. Press the  **Power/Lock** key on the upper right side to wake the screen.
2. Draw your personal unlock pattern on the screen.

For more information, refer to *“Set screen lock — Pattern”* on page 136.

Unlocking with a Password

1. Press the  **Power/Lock** key to wake the screen.
2. Enter your Password.
3. Touch **OK**.

System Tutorial

Learn about important concepts to get the most out of your phone.

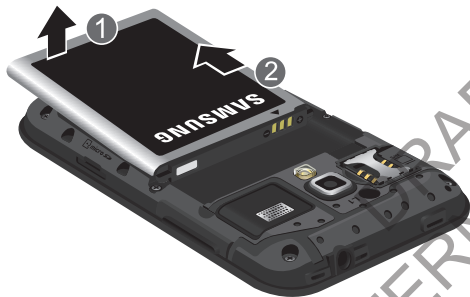
- From the Home screen, touch  **Menu**, then touch **Settings** → **About phone** → **System tutorial**.

Turning Your Phone Off

1. Press and hold the  **Power/Lock** key for two seconds.
2. At the prompt, touch **Power off**.

Removing the Battery

1. Remove the battery cover. (For more information, refer to “Removing the battery cover” on page 6.)
2. Lift the battery up by the slot provided (1).



3. Lift the battery up and out of the phone (2).

Removing the SIM Card

- To remove the SIM card, slide it away from the handset. See the following illustration.



Memory Card

Your phone includes a removable microSD™ memory card, for storage of music, pictures, and other files, and supports optional microSD™ or microSDHC™ memory cards of up to 32GB capacity. (For information on installing a memory card, see “Installing the Memory Card” on page 7.)

Note: You can only store music files that you own (from a CD or purchased using the phone) on a memory card.

Removing a Memory Card

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the phone.

1. From the Home screen, touch  **Menu**, then touch **Settings** → **SD card and phone storage** → **Unmount SD card**.
2. Remove the rear cover. (For more information, refer to “Removing the battery cover” on page 6.)

3. Gently press on the memory card, then release so that it pops out from the slot, and carefully pull the card out.



4. If desired, install another memory card.
5. Install the cover. (For more information, refer to “Installing the battery cover” on page 8.)

Section 2: Understanding Your Phone

This section outlines key features of your phone, including keys, displays, and icons.

Features

- 4.0-inch (486x320 pixel) WVGA full-screen touch screen
- High Speed Data [4G Long Term Evolution (LTE) Technology, EVDO 1x - Rev 0 Capable Technology, and Wi-Fi Technology]
- Android OS
- Motion and position sensitivity
- Full integration with Google® applications, including Play Store®, plus pre-loaded applications
- Connections
 - 4G LTE
 - Wi-Fi 802.11 a/b/g/n
 - Wireless Modem Service
 - Bluetooth 4.0 (For more information, refer to “*Bluetooth profiles*” on page 148.)
- Messaging Services (with on-screen QWERTY Keypads)
 - Text, Picture, and Video Messaging
 - Voice Messaging
 - Email
 - Mobile Instant Messenger (IM)
 - Chat
- Full-HTML Browser
- Global Positioning (GPS) Technology
- 5 Megapixel CMOS Camera-Camcorder, rear-facing
- 1.3 Megapixel CMOS Camera-Camcorder, front-facing
- Picture Gallery, supporting JPG, PNG, GIF, and BMP formats
- Music Player, supporting MP3 format
- Video Player, supporting MP4, M4V, 3GP, DIVX, H.263, and H.264 formats
- Speakerphone
- Voice recognition by Nuance®
- Ringtone and Alert tone support for MP3, AAC, WMA, OGG, QCP, EVRC, MIDI, WAV, and AMR formats
- Support for microSD™ and microSDHC™ Memory Cards (up to 32 GB capacity) (A microSD Memory Card is included with your phone.)

Front View



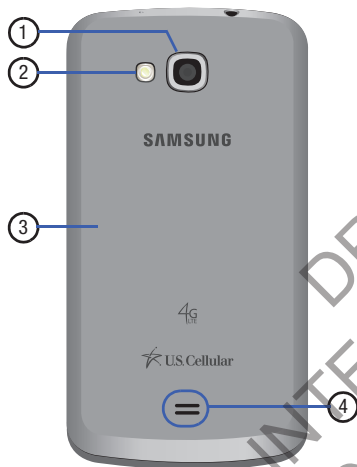
1. **Earpiece:** Listen to callers.
2. **Camera Lens:** Take photos or record videos.
3. **Light and Proximity Sensors:** Light sensor adjusts screen brightness when **Brightness** is set to **Automatic brightness**. (For more information, refer to “*Brightness*” on page 132.) During a call, Proximity sensor detects that the phone is next to your face and darkens the screen to save battery power.
4. **Menu Key:** Touch to display options for the current screen.
5. **Home Key:** Touch to display the Home screen. Touch and hold at any time to launch Task Manager.
6. **Back Key:** Touch to return to the previous screen or option.
7. **Microphone:** Passes your voice to other parties in a call. Used when recording voice notes. Passes your voice to Voice Control. (For more information, refer to “*Voice Recorder*” on page 142 and “*Voice Dialer*” on page 118.)
- 8.

Side Views



1. **3.5mm Headset Jack:** allows you to plug in headphones.
2. **Volume Key:** From a Home screen, press to adjust Master Volume. During calls or music playback, press to adjust volume. Press to mute the ringtone of an incoming call.
3. **USB Power/Accessory Port:** Plug in a USB cable for charging or to sync music and files.
4. **Power/Lock Key:** Press and hold to power your phone on or off. With the phone on, press to lock your phone and blank or waken the display.

Back View



1. **Camera Lens:** Take photos or record videos.
2. **Flash:** Used when taking pictures or record videos in low light.
3. **Back Cover:** Protects the battery, LTE SIM slot, and Memory Card slot.
4. **Speaker Grill:** Plays ringtones, call audio when in Speakerphone mode, music, and other sounds.

Touch Screen Display

Your phone's touch screen display is the interface to its features.



1. **Annunciator Line:** Presents icons showing network, system, and connection status. (For more information, refer to “*Annunciator Line*” on page 23.)
2. **Home screen:** Starting point for using your phone. Place application icons, widgets, and other items to customize your phone to your needs. (For more information, refer to “*Home Screen*” on page 26, .)
3. **Primary Shortcuts:** Shortcuts to your phone's common features. (For more information, refer to “*Primary Shortcuts*” on page 28.)
4. **Shortcuts:** Shortcuts can be added for quick access to applications or features, such as Email or other applications. (For more information, refer to “*Adding Shortcuts to a Home Screen panel*” on page 30.)
5. **Widget:** Widgets can be added to provide direct access to applications or features, such as Google Search. (See “*Adding Widgets to a Home Screen panel*” on page 29.)
6. **Panel Numbers:** Indicate which of the seven Home screen panels appears in the display. (See “*Extended Home Screen*” on page 27.)

Display settings

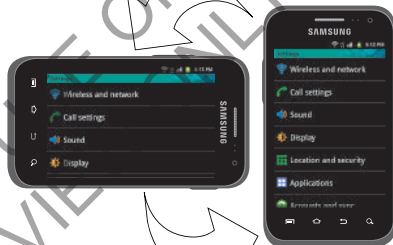
You can customize display settings to your preferences. (For more information, refer to “Display” on page 132.)

Changing the Screen Orientation

You can manually change the orientation of most of your phone's screens by opening the QWERTY keypad.

Your SCH-R830 can also automatically change the orientation of some screens. The phone's built-in accelerometer senses movement and changes a screen's orientation from portrait to landscape.

Note: Some screens, especially those for applications and games, do not respond to the accelerometer.



Annunciator Line

The Annunciator line displays icons to show network status, battery power, and other details.



Signal Strength: Current signal strength. The greater the number of bars, the stronger the signal.



Airplane Mode Active: All wireless communications are disabled. (See “Airplane mode” on page 151.)



System Alert: Check Notifications Panel for alerts.



Voice Call: A voice call is in progress.



Speakerphone: Speakerphone is enabled.



Missed Call: Displays when there is a missed call.



Battery Level: Shown fully charged.



Charging Indicator: Battery is charging.



Device Power Critical: Battery has only three percent power remaining. Charge immediately.



1X Connection Active: Phone is active on a 1X system.



EV Connection Active: Phone is active on an EVDO system.



4G Connection Active: Phone is active on a 4G LTE system.



USB Connected: The phone is connected to a computer using a USB cable.



New Text Message: You have a new text or multimedia message.



New Voicemail: You have new voicemail.



New Email Message: You have new email.



Alarm Set: An alarm is active. (For more information, refer to “Clock” on page 116.)



Silent mode: All sounds except media and alarms are silenced. (See “Silent mode” on page 129.)



Vibrate mode: All sounds are silenced, but the phone vibrates for alerts. (See “Vibrate” on page 129.)



Preparing SD Card: An optional memory card is installed and being prepared for use.



SD Card ready to be removed: Memory card has been unmounted and can be removed without damaging files stored on the card.



SD Card Media scanning complete: Scan for media files on optional memory card is complete.



SD Card removed: Optional memory card removed without being unmounted.



Bluetooth Active: Bluetooth is turned on.



Bluetooth Connected: The phone is paired with another Bluetooth device.



Wi-Fi Active: Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



Wi-Fi Action Needed: Action needed to connect to Wireless Access Point (WAP).



TTY: TTY Mode is active.

Navigation

Navigate your phone's features using the command keys and the touch screen.

Warning! If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. (For more information, refer to “*Warranty Information*” on page 214.)

Command Keys

Menu Key

Touch  **Menu** to display a context-sensitive menu of options for the current screen or feature.

Home Key

- Touch  **Home** to display the Home screen.
- Touch and hold at any time to launch the **Recent** pop-up. It gives you quick access to features and/or apps you've used recently.

Tip: At the bottom of the Recent pop-up, touch Task Manager to review and manage active applications. (For more information, refer to “*Task Manager*” on page 117.)

Back Key

Touch  **Back** to return to the previous screen, option or step.

Context-sensitive Menus

While using your phone, context-sensitive menus offer options for the feature or screen. To access context-sensitive menus:

- Touch  **Menu**.
- Touch and hold on an item.

Touch

Touch items to select or launch them. For example:

- Touch the on screen keypad to enter characters or text.
- Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate on-screen items by a touch and hold gesture. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Sweep

To sweep, lightly drag your finger vertically or horizontally across the screen. Use sweep when:

- Unlocking the screen
- Scrolling the Home screen or a menu

Notification Panel

The Notification Panel shows information about connections, messages and other items.

- Sweep your finger downward from the top of the screen. To close Notification Panel, touch the panel.



Connection Buttons

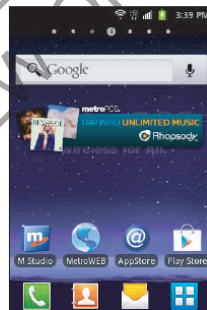
Buttons at the top of the Notification Panel show connection statuses for **Wi-Fi**, **Bluetooth**, **GPS**, **Sound**, and **Airplane Mode**. You can enable or disable any of the first three connections by touching the appropriate button.

Clearing Notifications

1. Sweep your finger downward from the top of the screen to display the Notifications Panel.
2. Touch **Clear** to clear all notifications.

Home Screen

The Home screen is the starting point for using your phone.



Note: Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

Extended Home Screen

The Home screen consists of the Home panel, plus 6 panels that extend beyond the display width to provide more space for adding shortcuts, widgets and folders.



Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the top of the display shows your current position.

Adding and removing Home screen panels

Your phone comes with 7 Home screen panels. You can customize the Home screen to include up to the seven default panels, and set one as Home.

1. Navigate to a Home screen panel, then touch **Menu**.
2. Touch **Edit page**. An array of thumbnail images of the Home screen panels appears in the display.
3. To remove a panel, touch, hold, and drag the panel image to the **Remove** icon ().
4. To add a panel, touch .

Primary Shortcuts

Primary Shortcuts appear at the bottom of the display. You can edit the Primary Shortcuts, except for the

 **Applications** /  **Home** shortcut.

Note: When you access **Applications**, the  **Home** shortcut replaces the  **Applications** shortcut to provide quick return to the Home screen.

The default primary shortcuts are:.



Phone: Launches the Phone, to make calls. (For more information, refer to “*Making Calls*” on page 34.)



Contacts: Store and manage your contacts. (For more information, refer to “*Contacts*” on page 55.)



Messaging: Send and receive messages. (For more information, refer to “*Messaging*” on page 65.)



Applications: Access your phone’s applications. (For more information, refer to “*Accessing Applications*” on page 107.)

Editing the Primary Shortcuts

1. Touch  **Home** →  **Applications**.
2. Touch  **Menu** → **Edit**.
3. Touch and drag an icon to replace a primary shortcut.
4. When you are finished, touch  **Menu**, then touch **Save**.

Customizing the Home Screen Panels

Customize the Home screen panels to suit your preferences.

- **Add Widgets:** For more information, refer to “*Adding Widgets to a Home Screen panel*” on page 29.
- **Add Shortcuts:** For more information, refer to “*Adding Shortcuts to a Home Screen panel*” on page 30.
- **Add Folders:** For more information, refer to “*Adding Folders to a Home Screen panel*” on page 31.
- **Change the Wallpaper:** For more information, refer to “*Changing the Wallpaper on a Home Screen panel*” on page 32.

Adding Widgets to a Home Screen panel

Widgets are self-contained applications that you can place on the Home screen to access favorite features.

1. Navigate to the desired Home screen panel. (For more information, refer to “*Extended Home Screen*” on page 27.)
2. Touch and hold on the screen to display the **Add to Home screen** menu.
3. Touch **Widgets**, then touch one of the following options to add it to the Home screen:



AccuWeather: Display weather information from AccuWeather.com®.



Calendar: Display today's scheduled events. Touch to launch the **Calendar** app.



Google Play Music: Play and shop for music files.



Google Search: Add a universal, Web-only, Apps-only, or Contacts-only Google Search bar.



Home screen tips: Display tips about the Home screen.



Latitude: Share your location with selected people.



MyExtras: Delivers daily information and entertainment, such as weather, trivia, sports scores, and great savings.



Picture frame: Launch the Picture Frame application.



Play Store: Browse, download, and install Android applications.



Pocket Express: Obtain up-to-the-minute news, sports, weather, stocks, travel, entertainment, and more, without launching MetroWEB.



Pocket Express Large: Obtain up-to-the-minute news, sports, weather, stocks, travel, entertainment, and more, without launching MetroWEB.



Power control: Set network and power settings.



Program Monitor: Monitor active applications, and those running in the background.



Rhapsody: Stream any of millions of songs to your phone for your listening pleasure.



Software update: Registers your phone with the Software update server, notifies you of software updates, and lets you download them to your phone.



Traffic: Display traffic information for a particular destination.



Yahoo! Finance: Display financial information from Yahoo!® Finance.



YouTube: Search YouTube and watch videos.

Removing Widgets

- Touch and hold the Widget until the trashcan icon () appears, then drag the Widget to the  icon.

Adding Shortcuts to a Home Screen panel

Use Shortcuts for quick access to applications or features, such as Email or other applications.

1. Navigate to the desired Home screen panel. (For more information, refer to “*Extended Home Screen*” on page 27.)
2. Touch and hold on the screen to display the **Add to Home screen** menu.
3. Touch **Shortcuts**, then touch a selection:
4. Follow the prompts to configure the Shortcut and add it to the Home screen.



Applications: Launch an application. For a list, see “*Applications*” on page 102.



Bookmark: Launch a bookmarked web page.



Contact: View a contact you specify.



Direct dial: Automatically call a contact you specify.



Direct message: Create a message to a contact you specify.



Directions & Navigation: Provides turn-by-turn directions for car, bus, bike, or walking trips. You can also save directions to a particular destination.



IM and Social: Access your accounts on Facebook and Twitter and your Instant Messaging accounts.



Music Playlist: Launches the **Music → Recent** screen, allowing you to select music to play.



Rhapsody Shortcuts: Access your Rhapsody streaming songs.



Settings: Go to a specific setting.

Removing Shortcuts

- Touch and hold the Shortcut until the trashcan icon (🗑️) appears, then drag the Shortcut to the 🗑️ icon.

Adding Folders to a Home Screen panel

Place Folders on the Home screen to organize items together on the Home screen.

1. Navigate to the desired Home screen panel. (For more information, refer to “*Extended Home Screen*” on page 27.)
2. Touch and hold on the screen to display the **Add to Home screen** menu.
3. Touch **Folders**, then touch a selection to add it to the Home screen:



New folder: Create a new empty folder.



All contacts: Create a folder containing all contacts.



Contacts with phone numbers: Create a folder containing contacts with stored phone numbers.



Received list from Bluetooth: Create a folder containing a list of items received via Bluetooth.



Rhapsody folders: Create folders containing your Rhapsody songs.



Starred contacts: Create a folder containing contacts marked as Favorites.

Removing Folders

- Touch and hold the Folder until the trashcan icon () appears, then drag the Folder to the  icon.

Changing the Wallpaper on a Home Screen panel

Choose a picture to display in the background of a Home screen panel. You can choose from pre-loaded wallpaper images, or select a picture you've taken with the Camera or downloaded.

1. Navigate to the desired Home screen panel. (For more information, refer to “*Extended Home Screen*” on page 27.)
2. Touch and hold on the screen to display the **Add to Home screen** menu, then touch **Wallpapers**.
– or –
From the Home screen, touch  **Menu**, then touch **Wallpaper**.
3. Choose a source for images:
 - **Gallery:** Access the Gallery to choose a picture from an optional installed memory card. Touch a picture to select it, then use the crop tool to resize the picture, if desired. Touch **Save** to save the picture as wallpaper.
 - **Live wallpapers:** Choose from pre-loaded animated wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.
 - **Wallpaper gallery:** Choose from pre-loaded wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.

Adding Applications to a Home Screen panel

You can add shortcuts to applications to a Home screen panel, for quick access to the application.

1. Navigate to the desired Home screen panel. (For more information, refer to “*Extended Home Screen*” on page 27.)
2. Touch  **Applications**. The Applications screen appears. (For more information, refer to “*Applications*” on page 102.)
3. Sweep your finger right or left to scroll the Applications screens.
4. Touch and hold on an Application icon. The Application shortcut or widget is automatically copied onto the selected Home screen panel.

Removing Applications shortcuts and widgets

- Touch and hold the Application shortcut or widget until the trashcan icon () appears, then drag the Application shortcut or widget to the  icon.

Section 3: Call Functions

This section describes how to make, answer, or end calls. This section also describes your phone's features and functionality associated with making or answering calls.

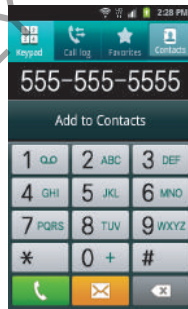
Making Calls

Your phone offers multiple ways to make calls:

- Use the touch screen **Keypad** to enter a telephone or speed dial number.
- Call a contact from **Contacts**.
- Speed dial using **Favorites**.
- Return a call, or call a recent caller via the **Call log**.
- Voice dial with **Voice Control**.

Making Calls Using the Phone Keypad

1. Touch  **Home** →  **Phone**. The **Keypad** screen appears in the display.
2. Enter a telephone or speed dial number using the screen keypad.
3. While dialing, you can touch  **Menu** to access the following number entry options:
 - **Speed dial setting:** Dial or assign Speed Dials.
 - **Add 2 sec pause:** Insert a 2-second pause in a telephone number.
 - **Add wait:** Insert a Wait pause in a telephone number, to pause dialing and wait for input from you.
4. Touch  to place the call.



Note: Touching  or  does not end a call. (For more information, refer to “Ending a Call” on page 39.)

Dialing Emergency Numbers

When you call an Emergency Number, such as 911, your phone locks itself in emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This enables emergency operators to more easily dispatch aid.

1. Touch  **Home** →  **Phone**.
2. Enter 911 using the touch keypad.
3. Touch  to place the call.

Note: The emergency number 911 is preset into your phone, and you can dial 911 at almost any time, even when the phone is locked, restricted, or in Airplane Mode. You can specify other numbers than 911 as emergency numbers using the **Emergency #** settings. (For more information, refer to “Emergency Number” on page 129.)

When you call 911, an audible tone plays and an Emergency prompt appears in the display for the duration of the call. (For more information, refer to “Emergency tone” on page 132.)

Caution! DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications. Because of transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Making Calls using Speed Dials

Speed Dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact. (For more information, refer to “*Speed Dials*” on page 64.)

1. Touch  **Home** →  **Phone**.
2. Touch the digits of the speed dial number on the phone **Keypad**, holding the last digit until the number dials.

Making Calls from Contacts

A contact is an entry that you have created to store the name, numbers, and other information for people or groups of interest. (For more information, refer to “*Contacts*” on page 55.)

1. Touch  **Home** →  **Contacts**.
2. Find the contact and touch it to open the Contact entry.
3. Touch **Call** to dial the default number for the Contact.

Making Calls using Voice Dialer

Place a call by speaking the name or number. (For more information, refer to “*Voice Dialer*” on page 118.)

1. Touch  **Home** →  **Applications** →  **Voice Dialer**. The phone displays “**Listening**” and prompts you to speak a command.
2. Follow the voice prompts or touch an on-screen option. Select or speak the following command:
 - **Call <Name>**: Call an entry in your Contacts list.
 - **Dial <Number>**: Call a spoken phone number.

Making Calls using Favorites

Favorites are Contacts you designate as favorites by starring them, or Contacts you call frequently. (For more information about designating favorites, see “*Favorites*” on page 60.)

1. Touch  **Home** →  **Phone**.
2. Touch  **Favorites** to display the list of your favorites.
3. Find the Contact and touch it to open the Contact entry.
4. Touch **Call** to dial the default number for the Contact.

Making Calls from Call Log

Return a call, or call a number from a recent call stored in Call log. (For more information about Call log, see “*Call Log*” on page 39.)

1. Touch  **Home** →  **Phone**.
2. Touch  **Call log** to display recent calls.
3. Find a call.
 - For a Contact call, touch the Contact photo ID square, then touch  to call the number in the desired call record.
 - For any call:
 - Swipe the call to the right.
 - Touch and hold the call, then select **Call <number>**.
 - Touch the call, then touch  to call the number in the desired call record.

Three-Way Calling

Merge two calls to set up a three-way call between you and two other parties.

1. Establish a call, either by dialing or answering an incoming call.
2. Touch **Add Call**. The first call is placed on hold, and the phone **Keypad** appears.
3. Enter the second phone number, then touch .
4. Touch **Merge calls**. The two calls are joined into one, 3-way call.

Answering Calls

To answer an incoming call:

- On the Incoming call screen, touch and drag  to the right.

Silencing an Incoming Call Ringtone

When your phone alerts you to an incoming call, you can silence the ringtone for the call. (For more information, refer to “*Ignoring a call*” on page 38.)

Sending Calls to Voicemail

When your phone alerts you to an incoming call, you can ignore the call to send the caller to voicemail, or reject the call and send a message to the caller.

Ignoring a call

When you ignore a call, the call is forwarded to voicemail.

- On the Incoming call screen, press the Volume key up or down. Your phone's ringer stops and, after a number of rings (heard and/or silenced), the call is forwarded to voicemail.

Rejecting a call

When you reject a call, the call is answered by voicemail.

- On the Incoming call screen, touch and drag  to the left. Voicemail answers the call, prompting the caller to leave a voice message.

Rejecting a call with a message

You can reject an incoming call by sending the caller a text message. You can create a new message, or choose a message you previously created. (For more information about creating ignore text messages, see “Ignore with message” on page 127.)

1. On the Incoming call screen, touch and drag the **Reject call with message** tab upward.
2. Touch **Create new message**, then enter new text.
3. Touch **Send** to send the text message.

Answering Call-Waiting Calls

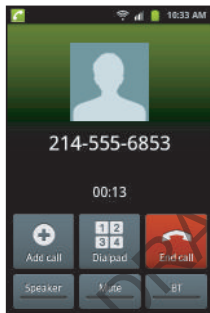
When you receive a call while on a call:

- Touch and slide **Answer** to answer the incoming call. The original call is placed on hold, and remains on hold until you end the second call, or swap calls back to the original call.
- Touch **Swap** to place a call on hold and return to the original call.

In-Call Options

While in a call, you can use these features:

- **Add call:** Display the Phone Dialer to set up a multi-party call.
- **End call:** End the phone call.
- **Dialpad:** Display a dialpad to enter numbers.
- **Speaker:** Enable or disable speakerphone.
- **Mute:** Mute or unmute your voice on the call.
- **Bluetooth:** Switch the call's audio to a Bluetooth headset.

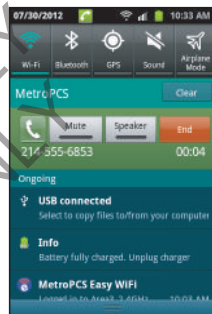


Ending a Call

- From the In-Call screen, touch .

From screens other than the In-Call screen, do the following:

1. Open the Notification Panel. (For more information, refer to “Notification Panel” on page 26.)
2. On the In-Call line, touch



Call Log

When you place, answer, or miss a call, a record of the call is saved in the Call log.

Accessing Call Log

- Touch  Home →  Phone →  Call log.

Sending Messages using Call Log

1. Touch  **Home** →  **Phone** →  **Call log**.
2. To create a new message to a phone number in the Call log, do one of the following:
 - Touch the photo ID field on a Contact call record, then touch .
 - Swipe a call record to the left.
 - Touch and hold on a call record, then select **Send message**.
 - Touch a call record, then touch .
3. Continue creating the message. (For more information, refer to “*Creating and Sending Messages*” on page 65.)

Creating or Updating Contacts Using Call Log

1. Touch  **Home** →  **Phone** →  **Call log**.
2. Touch and hold on a call record, then select **Add to Contacts** from the pop-up menu.
3. Choose **Create contact** or **Update existing**.
4. Continue entering contact information. (For more information, refer to “*Creating Contacts*” on page 55.)

Managing the Call Log

Filtering Call log records

1. Touch  **Home** →  **Phone** →  **Call log**.
2. While viewing the Call log, touch  **Menu**, then touch **View by**.
3. Select a filter type, from **All logs**, **Missed calls**, **Dialed calls**, or **Received calls**.

Deleting Call log records

1. Touch  **Home** →  **Phone** →  **Call log**.
2. While viewing the Call log, touch  **Menu**, then touch **Delete**.
3. Touch call records to mark them for deletion, or touch **Select all**. A check appears in the check box to show marked records.
4. Touch **Delete** to delete marked records.

Tip: You can also delete an individual call record by touching and holding a call record, then selecting **Delete**.

Viewing call durations

View the length of the Last call, all Dialed calls, all Received calls, or All calls.

1. Touch  **Home** →  **Phone** →  **Call log**.
2. While viewing the Call log, touch  **Menu**, then touch **Call duration**.

The **View call timer** screen appears showing the **Last Call** duration and showing the **Outgoing Calls**, **Incoming Calls**, **All Calls**, **Last Reset**, and **Lifetime Calls** duration.

Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you'll want to set up your voicemail and personal greeting as soon as you activate your phone.

(For more information, refer to “*Voicemail*” on page 12.)

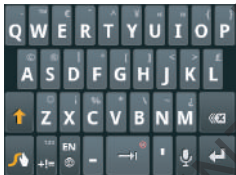
Section 4: Entering Text

This section describes how to enter words, letters, punctuation, and numbers when you need to enter text. Your phone provides on-screen QWERTY keyboards to support quick and easy text input.

- **Screen keyboard, landscape**



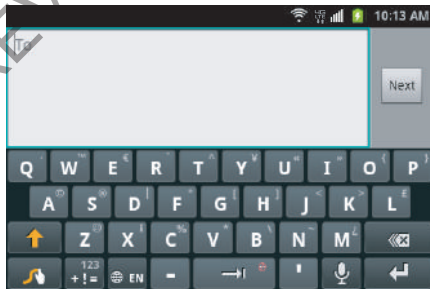
- **Screen keyboard, portrait**



Screen QWERTY Keyboards

Your phone provides screen QWERTY keyboards for text entry. Touching the keyboard on the screen enters letters, punctuation, numbers, and other characters into text entry fields or applications. Access a screen keyboard by touching any text entry field.

The screen QWERTY keyboards appear at the bottom of the screen. By default, when you rotate the phone, the screen orientation updates to keep the keyboard at the bottom of the screen.



Screen Keyboard Types

Your phone offers two on-screen QWERTY keyboards:

- **Samsung Keypad:** Use the Samsung Keypad to enter text by touching keys on the screen. You can also use XT9 predictive text to match the first few letters you type with words in a dictionary, then you can select a finished word from a list.
- **Swype** (default): Use the Swype keyboard to enter words by gliding your finger over the on-screen QWERTY keyboard, lifting your finger between words. You can also touch individual keys or use Swype Word Prediction or Voice Recognition.

Changing the Keyboard Type

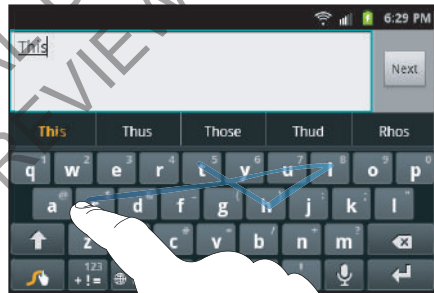
When entering text, you can select the type of on-screen keyboard you wish to use.

- Touch and hold on a text input field, then select a keyboard type:
 - **Samsung keypad**
 - **Swype**

Using the Swype Keyboard

The Swype keyboard offers a new way to enter text on touch screens. Instead of touching each key, use your finger to trace over each letter of a word. For each word, place your finger on the first letter and glide to the subsequent letters, lifting on the last letter.

This example shows how to enter the word “this”. Put your finger down on the “t”, and without lifting, glide it to the “h”, then to the “i” then over to the “s”.



Here are a few tips to get you started:

- **Spacing is automatic:** When you finish a word, just lift your finger and start the next word.
- **Double letters:** Just “scribble” on the key.
- **Capitalization:** Swype recognizes and capitalizes the first word of sentences. If you want to capitalize a word that isn’t at the beginning of a sentence, just glide above the keyboard before gliding over the next letter.
- **Contractions:** Swype recognizes most words that include an apostrophe; just swype the letters of the word, including the apostrophe.
- **Punctuation:** Touch and hold a key to view a punctuation menu and make a selection.
- **Accented characters:** Just glide through the letters of the word. Swype usually recognizes the word and correctly accents the letters.
- **Error correction:** If you make a mistake, double-tap on the word you want to change.

Configuring Swype

Configure Swype to your preferences.

- While entering text, touch and hold , then touch **Preferences**.
- For more information, refer to “Swype” on page 145.

Swype Help

While entering text, you can get tips and help about using Swype.

- Touch and hold the  **Swype** key, then touch **How to Swype** for instructions on using the Swype keyboard.
- Touch the  **Swype** key, then touch **How to Swype → More Help Using Swype** for more instructions and tips on using the Swype keyboard.

Entering Symbols and Numbers

Using the Swype keyboard:

- Touch and hold on a key to enter the symbol or number at the top of the key.
- Touch  **Shift**, then touch and hold on a key to enter the symbol or number at the top of the key.
- Touch and hold on a key until a menu of all characters available on that key appears, then touch a character to enter it.
- Touch  to switch to Symbol mode, then touch a key.
- In Symbol mode, touch  or , then touch a key.

Using the Numeric Keyboard

Switch to a Numeric keyboard, to quickly enter numbers and mathematical operators:

- Touch .

From the Numeric keyboard, you can switch to an Alphanumeric keyboard:

- Touch .

Editing Keyboard

The Editing keyboard provides a quick way to move the cursor and highlight text. If the application in which you are working supports editing, you can cut, copy or paste highlighted text.

To access the Editing keyboard:

- Swype from the  **Swype** key to the  **Symbols** key.

— or —

Touch the  **Symbols** key, then touch and hold .



Using Swype Speech Recognition

Enter text by speaking. Swype recognizes your speech and enters text for you.

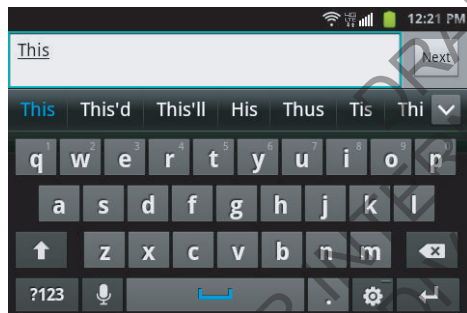
To use Swype Speech Recognition:

- Touch the  **Speech Recognition** key.

Using the Samsung Keypad

The Samsung Keypad is a custom screen QWERTY keyboard, featuring predictive text and handwriting recognition. Input characters by touching the on-screen keys with your finger, or trace characters on the screen with your finger.

As you enter characters, predictive text matches your key touches to common words and displays them. Select a word from the display to insert it into your text.



Configuring the Samsung Keypad

Configure the Samsung Keypad to your preferences.

- While entering text, touch . The **Samsung keypad settings** screen appears in the display.
- For more information, refer to “*Samsung keypad*” on page 146.

Note: In Landscape orientation touching the  key displays the **Samsung keypad settings**, but in Portrait orientation it displays **Portrait keypad types: Qwerty Keypad and 3x4 Keypad**.

Changing the Text Input Mode – Keypad

There are two main keypad layout keys that will change the on-screen keys within the QWERTY keypad.

The available Text Input modes are: **Sym** and **Abc**.

?123

Symbol/Numeric Mode: activates the number, symbol, and emoticon keys.

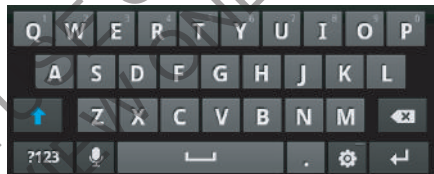
Abc

Abc Mode: activates the default alphabet keys. Can also be set to **ABC** or **abc** by using the shift key (**↵**).

Note: When in **Abc** mode, the **?123** key appears. When in **Symbol** mode, the **Abc/ABC/abc** key appears.

Using Abc Mode

1. If desired, rotate your phone counterclockwise to Landscape orientation.
2. Touch a text input field. The following screen appears in the display:



3. Touch the desired alphabetic characters.
4. To change capitalization to the Abc mode, touch the shift key (**↵**). The shift key (**↵**) will change to **⇧**.
5. After typing the first letter, the shift key (**⇧**) will change to **⇩** and additional letters will be lowercase.
6. Touch **⇧** and hold to input another upper-case letter or touch **⇧** twice to switch to ABC mode. The shift key will change to **⇧** in ABC mode. Any additional letters will be uppercase, until you touch the shift key (**⇧**) again.

7. Touch **Send** to send the message, or touch **≡** for more options. (For more information, refer to “*Creating and Sending Messages*” on page 65.)

Using Symbol/Numeric Mode

Use Symbol/Numeric Mode to add numbers, symbols, or emoticons.

1. On the Samsung Keypad screen, touch **123** at the bottom of the screen. The following screen appears in the display:



2. Touch the desired number, symbol, or emoticon characters.
3. Touch the **1/3** button to cycle through additional pages.
4. Touch **Abc** to return to Abc mode.

Using XT9 Predictive Text

XT9 is a predictive text system that has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

1. Rotate your phone counterclockwise to a Landscape orientation.
2. Touch  at the bottom of the screen. The **Samsung keypad settings** screen displays.
3. Touch the **XT9** field. A green check mark will appear next to the field.

4. Touch the **XT9 advanced settings** field to modify XT9 associated settings. (For more information, refer to “*Samsung keypad*” on page 146.)

Note: The XT9 option is available only when Abc mode has been selected.

5. Begin typing a word. A list of word options is displayed. Touch one of the words to replace the word that has already been typed.
6. Continue typing your message. Touch  to send the message, or touch  for more options. (For more information, refer to “*Creating and Sending Messages*” on page 65.)

Note: You can also use XT9 mode in the portrait orientation.

Section 5: Accounts and Contacts

This section explains how to manage your accounts and contacts.

Accounts

Your phone provides the ability to synchronize information from a variety of accounts, including Google, a Microsoft Exchange® server and Web interface, and social networking sites such as Facebook and Twitter. With synchronization, you can ensure that information on your phone is updated with any information that changes in your accounts, including Contacts information.

Note: You must register your phone with your social network site before using the phone to access the networks.

With Corporate Exchange and Google accounts you can synchronize Calendar events as well as Contacts.

Tip: For more information on setting up your email, contact your Wireless Provider and your E-mail Service Provider.

For information about setting up other, non-synchronized email accounts, see “*Configuring Email Accounts*” on page 71.

Adding a Google account

1. Touch  **Home** →  **Menu**, then touch **Settings** → **Accounts and sync**.
2. Touch **Add account** →  **Google**.
3. At the **Add a Google Account** screen, touch **Next** to begin, then touch an option:
 - **Create:** Follow the prompts to create a new account.
 - **Sign in:** Enter your Google **Username** and **Password**, then touch **Sign in**.
4. The phone communicates with the Google server to set up your account. When complete, your Google account appears in the **Manage accounts** area of the **Accounts and sync** screen.

Managing a Google account

1. Touch  **Home** →  **Menu**, then touch **Settings** → **Accounts and sync**.
2. Touch your Google account to show the **Data & synchronization** menu.
3. Touch a setting to enable or disable synchronization. When enabled, a check mark becomes highlighted in the check box:
 - **Sync Books**: When enabled, synchronizes your Play Books ebooks with your phone's ebooks.
 - **Sync Contacts**: When enabled, synchronizes your Google contacts with your phone's Contacts.
 - **Sync Gmail**: When enabled, synchronizes your Gmail messages on your phone.
 - **Sync Picasa Web Albums**: When enabled, synchronizes your Gallery photos with your online Picasa album(s).
 - **Sync Calendar**: When enabled, synchronizes your Google calendar with your phone.

Adding a Microsoft Exchange® account

The **Corporate** option lets you directly access a Microsoft Exchange server account.

Note: Before adding a Microsoft Exchange account, obtain the exact server Exchange Domain name from your company's Network Support.

1. Touch  **Home** →  **Menu**, then touch **Settings** → **Accounts and sync**.
2. Touch **Add account** →  **Microsoft Exchange ActiveSync**.
3. At the **Add Exchange account** screen, enter your **Email address** and **Password**, then touch **Done** → **Next**.
4. At the **Exchange server settings** screen, enter server settings, then touch **Next**. The phone communicates with the server to confirm your account.
5. At the **Account options** screen, select account settings, then touch **Next**.

6. At the **Set up email** screen, enter a name for the account (this name will display on screen), and enter your name to appear on outgoing messages. Touch **Done** to complete set-up.
7. Your Corporate account appears in the **Manage accounts** area of the **Accounts and sync** screen, and in the Email application.

Managing a Microsoft Exchange account

1. Touch  **Home** →  **Menu**, then touch **Settings** → **Accounts and sync**.
2. Touch your Microsoft Exchange ActiveSync account to display settings, then touch **Account settings** for these settings:
 - **General settings**
 - **Account name:** Enter a name to identify the account.
 - **Add signature:** Add your pre-composed **Signature** to your send email messages.
 - **Signature:** Enter or change your pre-composed signature. (Enable **Add signature** to access your signature.)
 - **Default account:** Touch to assign or un-assign this account as the default account for sending email from your phone.
 - **Always Cc/Bcc myself:** Always send a copy of your outgoing emails to yourself.

- **Exchange ActiveSync settings**

- **Period to synch mail:** Choose a time period to determine how many days' email will synchronize.
- **Empty server trash:** Removes deleted files from the email server's trash folder.
- **Sync schedule:** Choose a frequency for the phone to check the server for new emails.
- **Out of office settings:** Select whether to send a pre-composed message to originators of Internal and/or External email messages.
- **Period to sync Calendar:** Choose a time period to determine how many Calendar days' to synchronize.
- **Size to retrieve emails:** Select how much of each incoming email message (in Kilobytes or All) to initially download from the email server.
- **Security options:** Set advanced email security options (encryption, sign, S/MIME certificate, types of email message contents to accept or reject).

- **In case of sync conflict:** Allows you to assign the master source on emails. If there is a conflict with the current email sync you can assign the server as the main source for all emails (**Update to phone**) or assign the phone to be the main source and update the server accordingly (**Update to server**).

- **Auto resend times:** Select how many times to attempt to resend a message.

- **Notification settings**

- **Email notifications:** Enable or disable display of a new email icon in the Annunciator line when new mail arrives.
- **Screen On:** Enable or disable awakening the display when message notification alerts occur.
- **Select ringtone:** Assign a ringtone for new email notifications.
- **Vibration:** Enable or disable vibration with new email notifications.

- **Server settings**

- **Incoming settings:** Modify server settings.
- **Sync Contacts:** Enable to synchronize your Exchange contacts with your phone's Contacts.
- **Sync Calendar:** Enable to synchronize your Exchange calendar with your phone's calendar.

- **Sync Task:** When active, synchronizes your Exchange task list with your phone's task list.

- **Common settings**

- **Split view mode:** Enables the phone to display a split view screen (email message list on the left, selected message content on the right) when the phone is in landscape view.

3. Under **Data & synchronization**, configure these settings:

- **Sync Contacts:** When enabled, synchronizes your Exchange contacts with your phone's Contacts.
- **Sync Calendar:** When enabled, synchronizes your Exchange contacts with your phone.
- **Sync Tasks:** When enabled, synchronizes your Exchange tasks with your phone's tasks.

Adding a Facebook account

Note: You must register your phone with Facebook before using the phone to access the site. From your Facebook account, go to Account Settings and follow the “Activate a Phone” registration instructions.

1. Touch  **Home** →  **Menu** → **Settings** → **Accounts and sync** → **Add account** →  **Facebook**.
2. Enter your Email and Password, then touch Log in.
3. Follow the prompts to complete the set-up.

Adding a Twitter account

Note: You must register your phone with Twitter before using the phone to access the site. From Twitter.com Settings, follow the instructions in the Mobile area to register your phone.

1. Touch  **Home** →  **Menu**, then touch **Settings** → **Accounts and sync** → **Add account** →  **Twitter**.
2. Enter your Email and Password, then touch **Log in**.
3. Follow the prompts to complete the set-up.

Contacts

To access Contacts:

- Touch  **Home** →  **Contacts** → .
- or –
- Touch  **Home** →  **Phone** →  → .

Creating Contacts

1. Touch  **Home**, then touch  **Contacts** →  → .
2. Select a storage location: **Phone**, **Google**, or other account (such as personal or business e-mail).
3. Touch contact fields to enter information:
 - Touch the Select Photo box to choose a picture to identify the contact. (For more information, refer to “*Gallery*” on page 93.)
 - Touch **First name**, then enter a first name for the contact.
 - Touch **Last name**, then enter a last name for the contact. After entering a last name touch  to enter a Name prefix, Name suffix, Middle name, Phonetic given name, Phonetic middle name, or Phonetic family name.
- Touch **Phone number** to enter a phone number, then touch the label button (for example, **Mobile**) to choose a label from **Home**, **Mobile**, **Work**, **Work Fax**, **Pager**, **Other**, or **Custom** to create a custom label. To add another number, touch .
- Touch **Email** to enter an email address, then touch the label button (for example, **Work**) to choose a label from **Work**, **Home**, **Mobile**, **Other**, or **Custom** to create a custom label. To add another address, touch .
- Touch **IM** to enter an instant message address, then touch the label button to choose a label, from **Google Talk**, **AIM**, **Windows Live**, **Yahoo!**, **Skype**, **QQ**, **ICQ**, **Jabber**, or **Custom** to create a custom label. To add another IM, touch .
- Touch **Groups** to assign the contact to a group. (For more information, refer to “*Groups*” on page 61.)
- Touch **Ringtone** to choose a ringtone for the contact.
- Touch **Postal address** to enter a postal address.
- Touch **Organization** to enter a **Company** and **Job Title** for **Work**, **Other**, or **Custom**.
- To add more fields, touch **More** , then touch **Notes**, **Nickname**, **Website**, **Internet call**, **Birthday**, or **Anniversary**.
4. When you finish entering information, touch .

Creating Contacts from Call log

Save a phone number from a recent call record to create a new contact, or update an existing contact. (For more information, refer to “*Creating or Updating Contacts Using Call Log*” on page 40.)

Creating Contacts from the Phone Keypad

Enter a phone number with the Phone Keypad, then save it.

1. Touch  **Home** →  **Phone**.
2. Touch the digits of the phone number on the keypad.
(For more information, refer to “*Making Calls Using the Phone Keypad*” on page 34.)
3. Touch **Add to Contacts**.
– or –
Touch  **Menu** → **Add to Contacts**.
4. Select **Create contact** from the pop-up menu.
5. Continue entering contact information. (For more information, refer to “*Creating Contacts*” on page 55.)

Updating Contacts

Make changes to update an existing contact.

1. Touch  **Home** →  **Contacts**.
2. Touch a contact to view its information, then touch  **Menu** → **Edit**.
– or –
Touch and hold on a contact, then select **Edit** from the pop-up menu.
3. Continue entering contact information. (For more information, refer to “*Creating Contacts*” on page 55.)

Updating Contacts from the Phone Dialer

Enter a phone number with the Phone Dialer keypad, then save it.

1. Touch  **Home** →  **Phone**.
2. Touch the digits of the phone number on the keypad.
3. Touch **Add to Contacts**, then select **Update existing** from the pop-up menu.
4. Select a contact to update, then touch **Save**, or continue entering contact information. (For more information, refer to “*Creating Contacts*” on page 55.)

Updating Contacts from Call log

Save a phone number from a recent call record to create a new contact, or update an existing contact. (For more information, refer to “*Creating or Updating Contacts Using Call Log*” on page 40.)

Get Friends

Use the Get Friends feature to sync with your accounts. You can choose from an account you’ve already set up on your phone, or set up a new account.

(For more information about setting up accounts on your phone, see “*Accounts*” on page 50.)

1. Touch  **Home** →  **Contacts**.
2. Touch  **Menu** → **Get friends**.
3. Touch **Add Account**, then touch an account.
4. Touch  **Menu** → **Sync now**.

Contacts Display Options

1. Touch  **Home** →  **Contacts**.
2. Touch  **Menu** → **More** → **Display options** to set these options:
 - **Only contacts with phones**: Displays only those Contacts with phone numbers.
 - **Sort by**: Displays Contacts in alphanumerical order by First name or List name.
 - **Display contacts by**: Displays Contacts with their First name first or Last name first.
 - **Phone**: Displays your Contacts in selected Contacts group(s).
 - Touch an account to choose additional Contacts display categories.
3. To save options, touch .

Linked Contacts

Your phone can synchronize with multiple accounts, including Google, Microsoft Exchange, and other email providers, plus social networking sites like Facebook and Twitter. When you synchronize contacts from these accounts with your phone, you may have multiple contacts for one person.

Linking imported contact records to a phone contact allows you to see all the contact's numbers and addresses together in one Contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

Note: Phone contacts are always the primary contact for linking. You can link imported contacts to a Phone contact, but the Phone contact will always display; the imported contact will show as the linked contact.

Joining contacts

1. Touch  **Home** →  **Contacts**.
2. Touch a contact to display its information.
3. Touch  **Menu** → **Join contact**.
4. Touch another contact record to join it to the selected contact.

Separating joined contacts

1. Touch  **Home** →  **Contacts**.
2. Touch a contact to display its information.
3. Touch the **Joined Contacts** field to display joined contacts.
4. Touch a contact to separate it.

Sending Namecards

You can send a contact's information as a namecard over a Bluetooth connection to another Bluetooth device, or as an attachment to a Gmail message.

Important! Not all Bluetooth devices will accept contact information. Check the target device's documentation.

Sending a Namecard

1. Touch  **Home** →  **Contacts**.
2. Touch a contact to display its information.
3. Touch  **Menu** → **Send via**.
4. At the prompt, choose a sending method, then follow the prompts to send the namecard:
 - **Bluetooth:** For more information, refer to “*Bluetooth*” on page 96.
 - **Email:** This option appears only if you define an Email account to your phone. (For more information, refer to “*Adding a Microsoft Exchange® account*” on page 51 and see “*Composing and Sending Email*” on page 73.)
 - **Gmail:** For more information, refer to “*Composing and Sending Gmail*” on page 69.

Exporting and Importing Contacts

You can send multiple contacts' information as namecards over Bluetooth connections to other Bluetooth devices, or as attachments to Email or Gmail messages.

Important! Not all Bluetooth devices will accept contacts, and of those that do, not all devices support transfers of multiple contacts. Check the target device's documentation.

1. Touch  **Home** →  **Contacts**.
2. Touch  **Menu** → **Import/Export** → **Send namecard via**.
3. Touch contacts to mark them for sending, or touch **Select all** to mark all contacts. A check mark appears in the check box for marked contacts.
4. Touch .
5. Follow the prompts to send the namecards. (For more information, refer to “Bluetooth” on page 96.)

Favorites

Mark existing contacts with a star to identify them as Favorites.

Favorites display on the Favorites tab in the Phone keypad, for fast dialing or messaging, and are indicated by the ★ in Contacts.

Creating Favorites

1. Touch  **Home** →  **Contacts**.
2. Touch and hold on a contact, then select **Add to Favorites** from the pop-up menu.
— or —
Touch a contact to display it, then touch the ★ **Star** at the top right of the screen.

My Profile

My profile is your own contact record. You can send My profile as a vCard via Bluetooth or as an attachment via Gmail.

Viewing My Profile

1. Touch  **Home** →  **Contacts**.
2. Touch  **Menu** → **My profile** to display your contact information.
3. To add information to your profile, touch  **Menu** → **Edit**. (For more information, refer to “*Creating Contacts*” on page 55.)

Sending My Profile

You can send My Profile as a vCard via Bluetooth to other Bluetooth devices, or as an attachment to a Gmail.

1. Touch  **Home** →  **Contacts**.
2. Touch  **Menu** → **My profile** to display your contact information.
3. Touch  **Menu** → **Send namecard via**.
4. Choose a sending method, **Bluetooth**, **Gmail**, or **Email**, then follow the prompts to send the profile. (For more information, refer to “*Sending Namecards*” on page 59.)

Groups

Assign contacts to Groups to make searching for contacts faster, or to quickly call or send messages to group members.

Accessing Groups

- Touch  **Home** →  **Contacts** → **Groups**.

Creating a New Group

1. Touch  **Home** →  **Contacts** → **Groups**.
2. Touch  **Menu** → **Create**.
3. Touch the **Group name** field to enter a Group name.
4. Touch **Ringtone** to choose a ringtone for calls from members of this group. Touch **Default ringtone**, **Sound**, or **Phone ringtone** to select a new ringtone.
5. Touch  to save the new group.

Editing a Group

1. Touch  **Home** →  **Contacts** → **Groups**.
2. Touch a Group to display it.
3. Touch  **Menu** → **Edit group**.
4. Touch the **Group Name** field to change the Group Name.
5. Touch **Ringtone** to choose a ringtone for calls from members of this group. Touch **Default ringtone**, **Sound**, or **Phone ringtone** to select a new ringtone.
6. Touch  to save the changes.

Deleting a Group

1. Touch  **Home** →  **Contacts** → **Groups**.
2. Touch  **Menu** → **Delete**.
3. Touch a group to mark it for deletion, or touch **Select all** to mark all groups. When selected, a check mark appears in the check box.
4. Touch  to delete the group(s).
5. Touch **Group only** or **Group and group members**.

Adding Contacts to a Group

Tip: You can also add a contact to a group when you create the contact. (For more information, refer to “*Creating Contacts*” on page 55.)

1. Touch  **Home** →  **Contacts** → **Groups**.
2. Touch a **Group** to display it, then touch .
3. Touch contact(s) to mark them for addition, or touch **Select all** to mark all contacts. When selected, a check mark appears in the check box.
4. Touch  to add the selected contact(s).

Removing Contacts from a Group

Tip: You can also add a contact to a group when you edit the contact. (For more information, refer to “*Updating Contacts*” on page 56.)

1. Touch  **Home** →  **Contacts** → **Groups**.
2. Touch a **Group** to display it.
3. Touch  **Menu** → **Remove member**.
4. Touch contact(s) to mark them for removal, or touch **Select all** to mark all contacts. When selected, a check mark appears in the check box.
5. Touch  to remove the selected contact(s).

Sending a Message to Group Members

1. Touch  **Home** →  **Contacts** → **Groups**.
2. Touch a **Group** to display it.
3. Touch  **Menu** → **Send Message**.
4. Touch contacts to mark them as recipients for the new message, then touch .
5. The new message opens, with the marked contacts as recipients. Continue creating the message, as desired. (For more information, refer to “*Creating and Sending Messages*” on page 65.)

History

History displays all calls, messages, emails, IMs, and Facebook, and Twitter messages sent and received from contacts.

1. Touch  **Home** →  **Contacts** → **History**.
2. A list of calls, messages and emails displays, sorted by time, with most recent first.
3. Touch  **Menu** for these options:
 - **Delete:** Erase history records.
 - **View by:** Filter records by type. Choose from **Call**, **Message**, **Facebook**, or **Twitter**.

Activities

Use Activities to view updates to Contacts from your social networking accounts, such as Facebook or Twitter.

Note: If you haven't updated Contacts from any accounts, the Activities tab will be blank.

- Touch  **Home** →  **Contacts** → **Activities**.

Speed Dials

Speed Dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact.

Note: Some Speed Dials are reserved by default, and cannot be assigned:
Speed Dial 1 is reserved for Voicemail.

Assigning Speed Dials

1. Touch  **Home** →  **Contacts**.
2. Touch  **Menu** → **More** → **Speed dial**. A list of speed dial numbers appears in the display.
3. Touch a speed dial, then touch a Contact to assign the contact to the speed dial.

Removing or Reassigning a Speed Dial

1. Touch  **Home** →  **Contacts**.
2. Touch  **Menu** → **More** → **Speed dial**.
3. Touch  **Menu**, then touch an option:
 - **Remove:** Touch a speed dial to remove it.
 - **Change order:** Touch and hold a speed dial, then drag it to a new location in the list.

Section 6: Messaging

This section describes how to send and receive messages, and how to use other features associated with messaging.

Types of Messages

Your phone supports these types of messages:

- **Text messages:** Send and receive simple messages containing text to other mobile phones or email addresses (also known as SMS).
- **Multimedia messages:** Send and receive messages with videos or pictures and/or sound to other mobile phones or email addresses (also known as MMS).
- **Email:** Send and receive email from your email accounts, including Microsoft Exchange® mail.
- **Gmail:** Send and receive Gmail from your Google account.
- **Google Talk:** Chat with other Google Talk users.

Note: Messaging service availability depends on your network and service plan. Contact your Wireless Provider for more information.

Text and Multimedia Messaging

Your phone can send and receive text and multimedia messages to other mobile phones and to email addresses.

Creating and Sending Messages

1. Touch  **Home** →  **Messaging** → **New message**.
2. Touch the **To** field to enter recipients:
 - **Enter Contacts by name:** As you enter the first few characters of a name, matching contacts appear on screen. Touch a contact to add it to the list of recipients.
 - **Enter phone numbers:** As you enter the first few digits of a number, matching contacts appear. Touch a contact to add it to the list.
 - **Enter email addresses:** As you enter addresses, matching contacts appear on screen. Touch a contact to add it to the list.
 - **Add phone numbers from Call log:** Touch **Recent**, select one or more call records, then touch **Add**.
 - **Add Contacts from the Contacts list:** Touch **Contacts**, select one or more Contacts, then touch **Add**.

- **Address the message to a Contacts Group:** Touch **Group**, then select the desired Group.
3. Touch the **Enter message here** field and compose your message. While composing a message, touch  **Menu** for these options:
- **Add subject:** Add a subject field to the message and enter a subject. (This option also converts the message to MMS.)
 - **Attach:** Add content to the message to convert it to MMS. (You can also access these options from the New Message screen by touching .)
 - **Pictures:** Add a picture.
 - **Capture picture:** Take a new picture.
 - **Videos:** Add a video.
 - **Capture video:** Record a new video.
 - **Audio:** Add a sound clip.
 - **Record audio:** Create a new audio clip.
 - **Slideshow:** Add a slideshow of pictures to this message.
 - **Add Text:** Insert Contact information, Calendar event information, or Memo text into this message.
 - **Insert smiley:** Add a text emoticon to the message.
 - **Discard:** Cancel the message.

- **Priority level:** Choose Normal or High priority for this message.

4. Touch  to send the message.

Managing Messages Threaded View

Messages you send and receive to the same Contact, number, or address are grouped together as a “thread”. Threaded messages allow you to see all the messages you exchanged with a Contact or other recipient, with the latest message displayed first.

1. Touch  **Home** →  **Messaging**.
2. Message threads display by contact, number, or address. While viewing message threads, you have these options:
 - Touch and hold a thread to choose from:
 - **View contact / Add to contacts:** View the contact record, or save the sender/recipient's information as a new contact, or to update an existing contact.
 - **Delete thread:** Erase the entire message thread.
 - Touch  **Menu** for these options:
 - **Compose:** Create a new message.

- **Delete threads:** Touch message threads to mark them for erasure, or touch **Select all** to mark all message threads for erasure.
- **Search:** Enter characters to search messages and recipient lists.
- **Settings:** Configure message settings.

Message Settings

Configure message settings.

1. Touch  **Home** →  **Messaging**.
2. Touch  **Menu** → **Settings** to set:
 - **Storage settings:**
 - **Delete old messages:** Touch to enable or disable automatic erasure of messages when stored message reach default limits. When disabled, the phone will prompt you to delete old messages to make room.
 - **Text message limit:** Touch to set a limit for the number of text messages per thread.
 - **Multimedia message limit:** Touch to set a limit for the number of multimedia messages per thread.
 - **Text message (SMS) settings:**
 - **Delivery reports:** When enabled, requests a report of delivery date and time for each text message sent.

- **Multimedia message (MMS) settings:**

- **Delivery reports:** When enabled, requests a report of delivery date and time for each multimedia message sent.
- **Auto-retrieve:** Touch to enable or disable automatic retrieval of MMS messages. When enabled, MMS messages download automatically. When disabled, the phone prompts to download new MMS messages.
- **Roaming auto-retrieve:** Touch to enable or disable automatic retrieval of MMS messages when in Roaming mode. When enabled, MMS messages download and display automatically. When disabled, the phone prompts you to download new MMS messages.

- **Notification settings:**

- **Notifications:** Touch to enable or disable alerts in the status bar.
- **Select ringtone:** Touch to select a ringtone for message alerts.
- **Vibrate:** Touch to enable or disable vibration for message alerts.
- **Emergency alerts:** Touch to set options for emergency messages.
- **Signature:**
 - **Enable Signature:** Touch to enable or disable including signature text in your messages. (Also enables **Signature Text**.)
 - **Signature Text:** Touch to enter, edit, or replace signature text to be included in your messages.

Gmail

Send and receive emails via Gmail, Google's web-based email.

- Touch  **Home** →  **Applications** →  **Gmail**.

Configuring Your Gmail Account

Set up your Google account to synchronize contacts, calendars, and allow access to Gmail. (For more information, refer to “Adding a Google account” on page 50.)

Refreshing Your Gmail Account

Refresh your account to update your phone from the Gmail servers.

1. Touch  **Home** →  **Applications** →  **Gmail**.
2. Touch  **Menu**, then touch **Refresh**.

Composing and Sending Gmail

1. Touch  **Home** →  **Applications** →  **Gmail**.
2. Touch  **Menu** → **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or numbers, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch **Compose Mail** to enter the text of your email.
6. While composing a message, touch  **Menu** for these options:
 - **Send**: Send the message.
 - **Save draft**: Close the message and save it in Drafts.
 - **Add Cc/Bcc**: Create Cc (copy) and Bcc (blind copy) fields to the message. After creating the fields, touch to enter recipients.
 - **Attach**: Launch Gallery to select a picture to add to the message.
 - **Discard**: Close the message without saving.
 - **Help**: Show help information.
7. Touch **Send** to send the message.

Gmail account settings

1. Touch  **Home** →  **Applications** →  **Gmail**.

2. Touch  **Menu** → **More** → **Settings** → **General preferences:**

- **Message Actions:** Allows you to configure how display message actions. Choose from: Always show, Only show in portrait, and Don't show.
- **Clear search history:** Remove previous searches you have performed.
- **Clear "Show pictures":** Restores defaults for all senders and configures the preference to not show pictures automatically.

3. Select an account (from within the Account settings area) and choose from one of the following options:

• **General settings:**

- **Priority Inbox:** When enabled, makes the Priority Inbox your default inbox for this Google account.
- **Signature:** Create a text signature to add to outgoing messages.
- **Confirm actions:** Show Archive, Delete, and/or Send menu.
- **Reply all:** Enable/disable "Reply all" as default response to all messages.

- **Auto-advance:** Select which screen appears after you delete or archive a conversation.
- **Message text size:** Select Tiny, Small, Normal, Large, or Huge text size.
- **Batch operations:** Allow changes to labels on more than one conversation.
- **Sync inboxes and labels:** Choose which labels are synchronized.
- **Notification settings:**
 - **Email notifications:** When enabled, notifications for new email appears in the Notifications Panel.
 - **Labels to notify:** Set notification preferences for the synced labels.

Google Talk

Chat with other Google Talk users.

Tip: Talk requires that you have a Google account. Use the Gmail application to set up your Google account on your phone. (For more information, refer to “Gmail” on page 108.)

1. Touch  **Home** →  **Applications** →  **Talk**.
2. If you have already set up your Google account, you are automatically logged in. If you do not have a Google account, you can touch **Create** to create a new Google account.
3. Use the application's controls to chat with other Google Talk users.

Email

Send and receive email using popular email services.

Note: Only some paid “Plus” accounts include POP access to allow this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid “Plus” account. Please launch metroWEB to access your account.

Configuring Email Accounts

You can configure Email for most accounts in just a few steps.

Tip: For better management of Microsoft Exchange ActiveSync email accounts, configure them using the **Accounts and sync** setting. (See “Accounts and sync” on page 140.)

Configuring the first email account

1. Touch  **Home** →  **Applications** →  **Email**.
2. Touch **Email address** to enter your email address, then touch **Password** or touch **Next** to enter your password.

3. Touch a setup option:

- **Manual setup:** Configure the account manually. Touch **POP3**, **IMAP**, or **Exchange**, then enter the account details.
- **Next:** Connect to the server to set up the account automatically. Follow the prompts to complete set-up, then touch **Done**.

Tip: For more information on setting up your email, contact your Wireless Provider and your Email Service Provider.

Configuring additional email accounts

1. Press  **Home**, then touch  **Applications** →  **Email**. Your email account Inbox appears in the display.
2. Touch  **Menu** → **Settings**. The Email **Settings** screen appears.
3. Touch **Add account**.
4. Touch the **Email address** field to enter your email address.
5. Touch the **Password** field or touch **Next** to enter your password.
6. Touch a setup option:
 - **Manual setup:** Configure the account manually. Touch **POP3**, **IMAP** or **Exchange**, then enter the account details.
 - **Next:** Connect to the server to set up the account automatically. Follow the prompts to complete set-up, then touch **Done**.

Composing and Sending Email

1. Press  **Home**, then touch  **Applications** →  **Email**.

2. For a single account, touch  **Compose**.
— or —

For multiple accounts, touch the Account Selector button, touch an account, then touch  **Compose**.

3. Touch the **To** field to enter recipients. As you enter names or numbers, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch the text field to enter the text of your email.

6. While composing a message, press  **Menu** for these options:

- **Add Cc/Bcc:** Create Cc (copy) and Bcc (blind copy) fields to the message. After creating the fields, touch to enter recipients.
 - **Save as draft:** Close the message and save it in Drafts.
 - **Discard:** Delete the message and return to the Inbox screen.
 - **Priority** (MS Exchange accounts): Select High, Normal, or Low delivery priority for this message.
 - **Security options** (MS Exchange accounts): Choose to Encrypt and/or Sign this message.
7. Touch **Attach** to add a file to the message.
 8. Touch **Insert** to add content from the Gallery, Contacts, Location, Calendar, and/or Memo applications.
 9. Touch **Send** to send the message.

Managing Emails

Combined Inbox

Emails you receive to all account inboxes are presented in the combined Inbox, or you can view email accounts individually.

1. Touch  **Home** →  **Applications** →  **Email**.
2. Touch the Account Selector button, then touch **All inboxes**.

Refreshing Your Email Account

Refresh your account to update your phone from the servers.

1. Touch  **Home** →  **Applications** →  **Email**.
2. Touch  **Menu** → **Refresh**.

Email Account Settings

Use Account settings to configure handling of email from your accounts.

Note: These are basic settings for most accounts. Some email accounts may have additional settings.

1. Touch  **Home** →  **Applications** →  **Email**.
For multiple accounts, touch the Account Selector button, then touch the desired account to view it.
2. Touch  **Menu** → **More** → **Account settings**.
3. Touch fields to configure the account:
 - **General settings:**
 - **Account name:** Enter a name for the account's display.
 - **Your name:** Enter your name, to be used on emails.
 - **Add signature:** Add pre-composed text to outgoing email messages.
 - **Signature:** Edit or replace pre-composed text for inclusion in outgoing email messages.
 - **Email check frequency:** Choose an interval for checking for email.

- **Default account:** When enabled, this account is the default account for sending email from your phone.
- **Always Cc/Bcc myself:** Always create Cc (copy) and Bcc (blind copy) fields for the message.
- **Notification settings:**
 - **Email notifications:** Enable or disable alerts in the Status Bar.
 - **Select ringtone:** Choose a ringtone to use for new email alerts.
 - **Vibration:** Enable or disable vibration with new email alerts.

- **Server settings:**
 - **Incoming settings:** (hotmail) Modify incoming email server settings.
 - **Outgoing settings:** (hotmail) Configure the SMTP server, Port and Security type, Username and Password settings.
- **Common settings:**
 - **Forward with files:** Enable or disable sending files with forwarded messages.
 - **Split view mode:** Enable or disable combined display of message list and message content when your phone is horizontal.

Section 7: Web and Social Networking

YouTube

View and upload YouTube videos, right from your phone.

- Touch  **Home** →  **Applications** →



YouTube.

To sign into your YouTube account:

1. From the YouTube screen, touch  **Menu** → **My Channel**.
2. Follow the prompts to sign in or create an account.

Voice Search

Voice Search offers voice-activated Google searches.

1. Touch  **Home** →  **Applications** →  **Voice Search**.
2. Voice Search uses your location to improve search results and offer other services. Touch **Agree** to allow location-based searches, or **Disagree** to disallow.
3. At the **Speak now** prompt, speak your search criteria slowly and clearly. Google searches for the information and displays results.

MetroWEB

Your phone is equipped with a full HTML Browser, which allows you to access the internet.

- Touch  **Home** →  **Applications** →



MetroWEB.

Navigating the web

Command Keys

- Touch  **Back** to return to the previous page.
- To go forward, touch  **Menu** → **Forward**.

Zoom In – Zoom Out

- To zoom in on a page, with your thumb and index finger pressed together, touch the screen and drag your fingers apart.
- To zoom out from a page, with your thumb and index finger separated, touch the screen with both fingers and drag your fingers together.

Touching and dragging

- Touch and drag your finger on the screen to navigate pages, and to reposition pages within the screen.

Entering text in a field

- While browsing, touch a text field to display the on-screen QWERTY keypad to enter text.

Selecting items on a page

While browsing pages, use gestures and menus to navigate links on pages:

- Touch an item or hyperlink to select it.
- Touch and hold on a hyperlink for these options:
 - **Open:** Go to the linked page.
 - **Open in new window:** Open a new window to display the linked page.
 - **Bookmark link:** Add a bookmark to linked page (without loading it).
 - **Save link:** Save the linked page to Download history.
 - **Share link:** Send the link via Bluetooth, Facebook, Email, Gmail, or Messaging.
 - **Copy link URL:** Save the link's URL to the clipboard.
 - **Save image:** Save the selected image to your phone.
 - **View image:** Show the selected image by itself.
 - **Set as wallpaper:** Save the selected image and set it as the Home screen wallpaper.

Entering a URL

Access a web site quickly by entering the URL.

1. Touch  **Home** →  **Applications** →  **MetroWEB**.
2. Touch the URL field at the top of the screen, then enter the URL using the on-screen QWERTY keypad.
3. As you enter characters, potential matches display. Continue entering characters, or touch a match to complete the URL.
4. Touch  to load the page.

Using MetroWEB Windows

You can have up to eight windows open at one time, switching between windows.

1. Touch  **Home** →  **Applications** →  **MetroWEB**.
2. To open a new window, touch  **Menu** → **New window**.
3. To switch to another open window, touch  **Menu** → **Windows**. Touch a window to display it.
4. To close a window, touch  **Menu** → **Windows**. Touch  **Close** beside a window to close it.

Using Bookmarks

While browsing, bookmark a site to quickly access it in the future.

Creating a bookmark

Create a bookmark to a page, for later browsing.

1. Touch  **Home** →  **Applications** →  **MetroWEB**.
2. Browse to the desired web site, then touch  → **Bookmarks** next to the **URL** field.
3. The new web site is displayed as a thumbnail with the command **Add**. Touch the bookmark to add it.
4. At the **Add bookmark** prompt, confirm the Name and Location for the bookmark, then touch **OK** to save the bookmark.

Accessing bookmarks and history

Launch a bookmarked page, or reload recent pages.

1. Touch  **Home** →  **Applications** →  **MetroWEB**.
2. Touch  **Bookmarks** next to the **URL** field.
3. Touch the **Bookmarks** tab, the following options are available:
 - Touch a bookmark to load the page.
 - Touch and hold on a bookmark for these options:
 - **Open**: Launch the bookmarked page.
 - **Open in new window**: Open the linked page in a new window.
 - **Edit bookmark**: Modify the URL.
 - **Add shortcut to Home**: Create a bookmark on the Home screen.
 - **Share link**: Send the page's URL via Bluetooth, Email, Gmail, or Messaging.
 - **Copy link URL**: Save the link's URL to the clipboard.
 - **Delete bookmark**: Remove the bookmark.
 - **Set as homepage**: Assign the bookmarked link as the home page.
 - Touch  **Menu** → **List view** to view bookmarks as a list.

4. Touch the **Most visited** tab, the following options are available:

- Touch a page to reload it.
- Touch the star next to a page to bookmark it.
- Touch and hold on a page for these options:
 - **Open**: Launch the web page.
 - **Open in new window**: Launch the web page in a new window.
 - **Add bookmark/Remove from bookmarks**: Bookmark the page, or remove the bookmark for this page.
 - **Share link**: Send the page's URL via Bluetooth, Email, Gmail, or Messaging.
 - **Copy link URL**: Copy the page's URL to the clipboard for pasting.
 - **Remove from history**: Remove the record of this page.
 - **Set as homepage**: Set this page as the default first page when opening MetroWEB.

5. Touch the **History** tab, the following options are available:

- Touch a page to load it.
- Touch the star next to a page to bookmark it.
- To clear the history, touch  **Menu** → **Clear history**.
- Touch and hold on a page for these options:
 - **Open**: Launch the web page.
 - **Open in new window**: Launch the web page in a new window.
 - **Add bookmark/Remove from bookmarks**: Bookmark the page, or remove the bookmark for this page.
 - **Share link**: Send the page's URL via Bluetooth, Email, Gmail, or Messaging.
 - **Copy link URL**: Copy the page's URL to the clipboard to paste in another location.
 - **Remove from history**: Remove the record of this page.
 - **Set as homepage**: Set this page as the default first page when opening MetroWEB.

Copying Fields or Text

Copy information from a web page to the clipboard for pasting.

Copying a hyperlink or URL

1. Touch  **Home** →  **Applications** →  **MetroWEB**.
2. Browse to the desired web site.
3. Touch and hold on a hyperlink or URL, then touch  **Menu** for these options:
 - **Open:** Open the page in this MetroWEB window.
 - **Open in new window:** Open the page in a new MetroWEB window.
 - **Bookmark link:** Create a bookmark to the page (without loading it).
 - **Save link:** Save the linked page to Download history.
 - **Share link:** Send the page's URL via Bluetooth, Email, Gmail, or Messaging.
 - **Copy link URL:** Save the link's URL to the MetroWEB clipboard.

MetroWEB Menu

While viewing a web page, touch  **Menu** for these options:

- **New window:** Open a new browser window. The previous browser windows remain open in the background (use the Windows option to switch between windows).
- **Windows:** Switch between windows, or open a new window.
- **Browser brightness:** Adjust how bright metroWEB presents web pages.
- **Refresh:** Update the current page's content from the server.
- **Forward:** Move forward to a previously-viewed page.

• **More:**

- **Add bookmark:** Create a bookmark for the current page.
- **Add shortcut to home:** Create a shortcut to home.
- **Add RSS feeds:** Search the Really Simple Syndication feeds/channels to which you subscribe for new information.
- **Find on page:** Search for content on the current page.
- **Page info:** View information about the current page, including the URL.
- **Share page:** Send the current page's URL via Bluetooth, Facebook, Email, Gmail, or Messaging.
- **Downloads:** View a list of downloads. While viewing downloads, mark a download for access to **Delete** and **Clear selection** buttons, touch  **Menu** for access to **Sort by size** or **sort by time** options.
- **Settings:** Customize MetroWEB (see “*MetroWEB Settings*”).

MetroWEB Settings

1. Touch  **Home** →  **Applications** →  **MetroWEB**.

2. Touch  **Menu** → **More** → **Settings**:

• **Page content settings:**

- **Default zoom:** Choose a default zoom level for web pages.
- **Open pages in overview:** When enabled, displays an overview of newly-opened pages.
- **Text encoding:** Choose a default character set for web pages.
- **Block pop-up windows:** When enabled, blocks pop-up windows.
- **Load images:** When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can touch to download the picture.
- **Auto-fit pages:** When enabled, the browser automatically sizes web pages to fit your phone's display.
- **Landscape view only:** When enabled, MetroWEB displays all pages in the wider landscape orientation (rotate your phone counterclockwise to view pages in landscape mode).
- **Enable JavaScript:** When enabled, MetroWEB will automatically run JavaScript scripts on pages you visit.

- **Enable plug-ins:** When enabled, MetroWEB will automatically load and run plug-ins on pages you visit.
- **Open in background:** When enabled, new windows open behind the current window.
- **Set home page:** View and set the default first page that displays when you launch MetroWEB.
- **Default storage:** Select where MetroWEB stores files.
- **Privacy settings:**
 - **Clear cache:** Delete content and databases stored on the phone.
 - **Clear history:** Delete the list of previously-visited pages.
 - **Accept cookies:** When enabled, allows MetroWEB to save and read cookie information used by web pages.
 - **Clear all cookie data:** Delete cookie information saved to the phone.
 - **Remember form data:** When enabled, stores information you enter into forms to make future forms easier.
 - **Clear form data:** Deletes saved form information.
 - **Enable location:** When enabled, sites you visit can request access to your location.
 - **Clear location access:** Clear location access for all web sites.
- **Security settings:**
 - **Remember passwords:** When enabled, saves user names and passwords for sites you visit, to make future visits easier.
 - **Clear passwords:** Clear all saved user names and passwords.
 - **Show security warnings:** When enabled, MetroWEB will warn you if there is a problem with a site's security.
- **Advanced settings:**
 - **Select search engine:** Select your default search engine (Google, Yahoo!, or Bing).
 - **Website settings:** View and manage settings for individual web sites.
 - **Reset to default:** Clear all browser data and reset all settings to the factory defaults.

Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Note: You must enable location services to use Maps, and some features require Standalone or Google location services. (For more information, refer to “*Location and security*” on page 133.)

- Touch  **Home** →  **Applications** →  **Maps**.

Navigating the Map

Zooming

- Double-tap on the screen to zoom in.
- Touch Zoom in or Zoom out.

Scrolling

- Touch and drag on the screen to reposition the map in the display.

Touch and Touch and hold

- **Touch and hold** on an area of the map to display pop-up information about the location.
- **Touch** a pop-up for these options:
 - **What's nearby:** Display nearby points of interest.
 - **Search nearby:** Enter search criteria to find nearby points of interest.
 - **Share this place:**
 - **Report a problem with the map:** Send an error report to Google Maps.

Maps Menu

1. Touch  **Home** →  **Applications** →  **Maps**.

2. While viewing a map, touch  **Menu** for these options:

- **Search:** Enter text criteria to find locations or points of interest.
- **Directions:** Get driving, public transport, or walking directions.
- **Clear Map:** Reset the map after searching or following directions.
- **More:**
 - **Map:** Return to the current map.
 - **Places:** Find places of interest.
 - **Navigation:** Obtain directions from one location to another.
 - **Check in** (this option only appears after you have checked in using **Latitude** app): Select your exact location from a pop-up list.
 - **Join Latitude:** Use the Google Latitude service to share locations and status with other Google Latitude users.
 - **Location history:** Lets you track and display your previous locations.
 - **My Places:** Synchronize your starred map items with Google maps.

- **Settings:**

- **Cache Settings:** Lets you setup maps that are cached into the phone's memory (while not on a Wi-Fi connection) or to clear the cache of map titles.
- **Labs:** Access experimental features.
- **Terms, Privacy & Notices:** Display legal information.
- **About:** Displays information about Google Maps.
- **Help:** Display a searchable Google Mobile Help screen.

Section 8: Music

Music Player

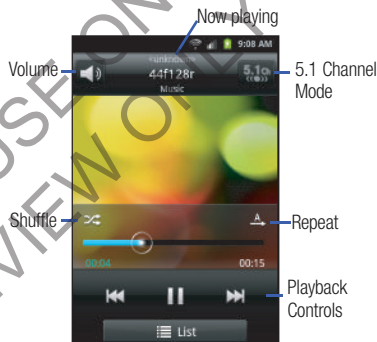
Music Player plays music files stored on a microSD or microSDHC Memory Card. (For information on installing a Memory Card, For more information, refer to “Memory Card” on page 15.

Important! For information on transferring media files to a memory card, see “USB mass storage” on page 100.

Playing Music

1. From the Home screen, touch  **Applications** →  **Music Player**.
2. Select a tab to display your music files, from **All**, **Playlists**, **Albums**, or **Artists**.
3. Browse through your available music to find songs.

4. Touch a song or playlist to begin playback.



5. During playback, use the sound and playlist controls:
 - **Volume:** Enable on-screen volume control.
 - **Now playing:** Display the current song title and information.
 - **5.1 Channel Mode:** Enable surround sound (headphones only).

- **Shuffle:** Touch to enable or disable shuffle mode. when enabled, songs play in random order. When disabled, songs play in the order they appear.
- **Repeat:** Touch to repeat the current song, repeat all songs, or disable repeat mode.
- **Playback Controls:** Touch to play a previous song, play or pause the current song, or play the next song. Touch and hold to rewind or fast forward playback of the current song.

Creating a Playlist

1. From the Home screen, touch  **Applications** →  **Music Player** → **All**.
2. Touch  **Menu** → **Add to playlist**.
3. Select one or more songs, or touch **Select all**, then touch **Add**.
4. Select an existing playlist to add the selected song(s) to it, or touch **Create playlist** to create a new named playlist and add the selected song(s) to it.

Sharing music

1. From the Home screen, touch  **Applications** →  **Music Player** → **All**.
2. Touch and hold a music file, then touch **Share music via** and choose AllShare, Bluetooth, Email, Gmail, or Messaging to share the music file.

Setting a song as a ringtone

You can set a song as a ringtone for all voice calls, for calls from an individual contact, or as an alarm tone.

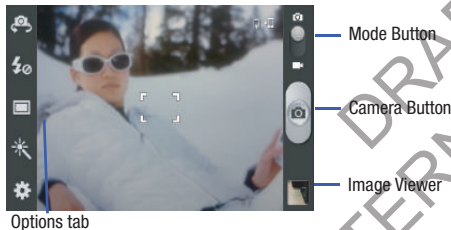
1. From the Home screen, touch  **Applications** →  **Music Player** → **All**.
2. Touch and hold a music file, then touch **Set as** and choose from these options:
 - **Phone ringtone:** Set the song as the default ringtone for all incoming voice calls.
 - **Caller ringtone:** Choose a contact to set the song as the ringtone for calls from the contact.
 - **Alarm tone:** Set the song as the alarm ringtone for a new alarm, or for an existing alarm.

Section 9: Pictures and Video

Camera

Use your phone's built-in Camera to take pictures and record video.

- From the Home screen, touch  **Applications** →  **Camera & Camcorder**.



Important! Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

Taking Pictures

1. From the Home screen, touch  **Applications** →  **Camera & Camcorder**.

If in Camcorder mode, touch  **Mode**.

2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.
 - Touch the screen to focus on the area you touched.
 - To configure settings, see “*Camera Options*” on page 88
3. To take the picture, touch the **Camera** button.
4. After taking a picture, touch **Image Viewer** to view the picture. While viewing the picture, use these options:
 - Touch the zoom icons to zoom incrementally, or double-tap on the picture to zoom all the way in or out.
 - Touch **Share** to send the picture via **AllShare**, **Bluetooth**, **Email**, **Facebook**, **Gmail**, **Messaging**, **Picasa**, or **Twitter**.
 - Touch **Set as** to assign the picture as a Contact icon, or as Home screen wallpaper.
 - Touch **Delete** to erase the picture.

- Touch  **Back** to return to the Camera to take more pictures.

Camera Options

Configure the camera.

- While in Camera mode, touch the **Options** tab to configure:
 -  **Swap Camera**: Toggle between the front and rear cameras.
 -  **Flash**: Choose **Off** (never flash), **On** (always flash), or **Auto flash** (flash only when the light is low).
 -  **Exposure Value**: Choose an exposure value.
 -  **Settings** →  **Camera**

- **Shooting mode**: Choose a camera shooting mode (**Single Shot**: take a single photo, **Smile shot**: touch the Camera button to automatically focus on the subject's face and take the picture, **Continuous**: touch and hold the Camera button to take 9 consecutive pictures, **Panorama**: touch the Camera button to take a picture, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically, **Action shot**: Detects action to automatically take multiple pictures to create a panorama), **Cartoon**: produces a cartoon picture of the subject.
- **Focus mode**: Choose a type of automatic focus.
- **Scene Mode**: Choose a mode to match conditions (SCN None, Portrait, Landscape, Night, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall colour, Firework, Text, Candelight, Backlight).
- **Timer**: Set a delay before taking a picture.
- **Resolution**: Choose a size for the image.
- **White balance**: Choose a setting to match the light source.
- **Effects**: Apply an effect to pictures.
- **Metering**: Select a method for measuring light.
- **Image quality**: Choose a quality setting for photos.
- **Adjust**: Set Contrast, Saturation, and Sharpness.

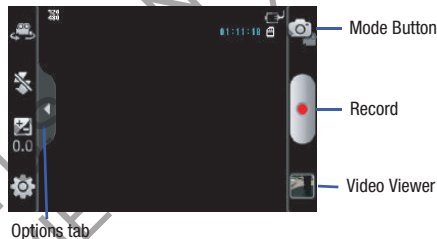
- **Settings → Settings**

- **Guidelines:** Enable or disable an on-screen grid to aid in photo composition.
- **Review:** Enable or disable the instant review feature, to display images immediately after capture.
- **Shutter Sound:** Select a tone to play when the camera's shutter opens and closes.
- **GPS:** Enable or disable inclusion of location information with each new photo.
- **Reset:** Set all Camera settings to the defaults.

Camcorder

Use your phone's built-in Camcorder to record video.

- While in Camera mode, touch  **Mode**.



Important! Do not record videos of people without their permission.
Do not record videos in places where cameras are not allowed.
Do not record videos in places where you may interfere with another person's privacy.

Capturing Video

1. While in Camera mode, touch the **Options** tab →  **Mode**.
2. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.
 - To configure settings, see “*Camcorder Options*” on page 90.
3. To start recording, touch the **Record** button.
4. To stop recording, touch the **Stop** button.
5. After recording, touch **Image Viewer** to view the video. While viewing the video, use these options:
 - Double-tap on the video to zoom all the way in or out.
 - Touch **Share** to send the picture via **AllShare**, **Bluetooth**, **Email**, **Gmail**, **Messaging**, or **YouTube**.
 - Touch **Play** to review the video.
 - Touch **Delete** to erase the video.
 - Touch  **Back** to return to the Camera to take more pictures.

Camcorder Options

Configure the camcorder.

- While in Camcorder mode, touch the **Options** tab:
 -  **Swap Camcorder**: Toggle between the front and rear camcorders.
 -  **Flash**: Choose **Off** (never flash) or **On** (always flash).
 -  **Exposure value**: Choose an exposure value.
 -  **Settings** →  **Camcorder**.
 - **Recording mode**: Choose a recording mode from **Normal** (Record a video of any length), or **Limit for MMS** (Record a video up to 1 minute long, suitable for sending in a Video message).
 - **Timer**: Set a delay before starting recording.
 - **Resolution**: Choose a size for the recording.
 - **White balance**: Choose a setting for the light source.
 - **Effects**: Apply an effect to videos.
 - **Video quality**: Choose a quality setting for videos.
 - **Adjust**: Set Contrast, Saturation, and Sharpness.

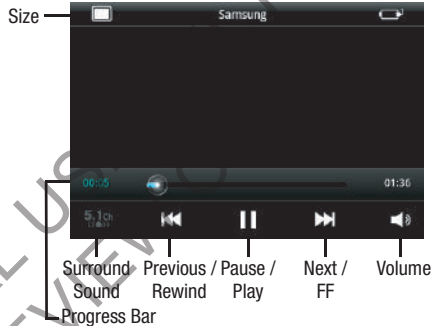
- **Settings** → **Settings**
 - **Guidelines:** Enable to display a grid to aid in video composition.
 - **Audio recording:** Enable to record sound along with video.
 - **Review:** Enable or disable the instant review feature, to display videos immediately after recording.
 - **Reset:** Set all Camcorder settings to the defaults

Video Player

View and manage videos stored on an optional installed memory card, or shop for new videos.

1. Touch **Home** → **Applications** → **Video Player**. A list of available videos appears in the display.
2. For additional options, touch **Menu**:
 - **Remove:** Delete one or more videos from the list.
 - **List by:** Sort the files in the list by Size, Name, Date, or Type.

3. To play a video, touch it.



4. To display or hide on-screen playback controls, touch the Video Player screen. The following controls are available:

- **Size:** Touch to change image size from full screen to small proportional size image or large proportional size image.
- **Surround Sound:** Reproduces surround sound in headphones.
- **Previous / Rewind:** Touch to play the previous video in the list. Touch and hold to rewind playback of the current video.
- **Pause / Play:** Pause / resume playback of the current video.
- **Next / FF:** Touch to play the next video in the list. Touch and hold to fast forward playback of the current video.
- **Volume:** Activates on-screen volume control.

5. Touch  **Menu** for these options:

- **Share video:** Send the video using AllShare, Bluetooth, YouTube, Messaging, Gmail, or Email.
- **Details:** View information about the video.
- **Add bookmark:** Place a marker in the video, to view later.
- **Bookmarks:** Display markers from the video.
- **Via Bluetooth:** Send the video via Bluetooth.
- **Settings:** Choose Repeat (All videos / 1 video / Off) or Brightness settings.

Gallery

Use Gallery to view, capture, and manage pictures and videos.

Note: To take pictures or record video, you must install an optional memory card in your phone. (For more information, refer to “Memory Card” on page 15.)

- Touch  **Home** →  **Applications** →  **Gallery**.

Viewing Videos

1. Touch  **Home** →  **Applications** →  **Gallery**.
2. Touch a videos folder, then touch a video to play it.
3. While viewing a video, tap the screen or touch  **Menu** for these options:
 - **Share video:** Share the selected video via **AllShare**, **Bluetooth**, **YouTube**, **Messaging**, **Gmail**, or **Email**.
 - **Details:** View information about the video.
 - **Via Bluetooth:** Send the video via Bluetooth.

Viewing Pictures

1. Touch  **Home** →  **Applications** →  **Gallery**.
2. Touch **Camera** or other picture folder, then touch a picture to view it.
3. While viewing a picture, tap on the screen or touch  **Menu** for options:
 - **Share:** Share the selected picture via **AllShare**, **Bluetooth**, **Picasa**, **Messaging**, **Facebook**, **Twitter**, **Gmail**, or **Email**.
 - **Delete:** Erase the picture.
 - **More:**
 - **Details:** Display information about the picture.
 - **Set as:** Assign the picture as a Contact icon, or as Wallpaper.
 - **Crop:** Drag the edges of the crop tool to select an area of the picture, then touch **Save** to save just the selected area, removing the rest of the picture.
 - **Rotate left:** Change the orientation of the picture.
 - **Rotate right:** Change the orientation of the picture.

Sharing pictures and video

Share pictures and videos via Email, AllShare, Bluetooth, Messaging, Picasa, or Gmail.

1. Touch  **Home** →  **Applications** →  **Gallery**.
2. Touch a category, touch  **Menu**, then touch a picture or video to select it.

Tip: To select multiple pictures or videos, touch  **Menu**, then touch thumbnails to mark them, or touch **Select all**.

3. Touch **Share** to send the picture or video via **AllShare**, **Bluetooth**, **Picasa / YouTube**, **Messaging**, **Facebook**, **Twitter**, **Gmail**, or **Email**, then follow the prompts.

Setting a Picture as Wallpaper

1. Touch  **Home** →  **Applications** →  **Gallery**.
2. Touch **Camera** or other picture folder, touch  **Menu**, then touch a picture to select it.
3. Touch **More** → **Set as** → **Home screen wallpaper**.
4. Use the crop tool to edit the picture, then touch **Save** to set the edited picture as the Home screen wallpaper.

Setting a Picture as a Contact Icon

1. Touch  **Home** →  **Applications** →  **Gallery**.
2. Touch **Camera** or other picture folder, touch  **Menu**, then touch a picture to select it.
3. Touch **More** → **Set as** → **Contact icon**.
4. Select a contact, or create a new contact, with the selected picture as the contact's icon.

Section 10: Connections

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks.

Wi-Fi communication requires access to an existing Wi-Fi network. Wi-Fi networks can be Open (unsecured), or Secured (requiring you to provide login credentials).

Your phone supports the 802.11 a/b/g/n Wi-Fi protocols.

Configuring Wi-Fi Settings

Configure your phone's Wi-Fi settings. For more information, see *"Wi-Fi Settings"* on page 147.

Turning Wi-Fi On or Off

When you turn Wi-Fi service on, your phone automatically searches for available, in-range "hotspots" [also termed WAPs (Wireless Access Points)].

Turning Wi-Fi On

1. From the top of the Home screen, sweep your finger downward to display the Notifications screen.
2. At the top of the Notifications screen, touch  **Wi-Fi** to turn Wi-Fi On.

Turning Wi-Fi Off

1. From the top of the Home screen, sweep your finger downward to display Notifications.
2. At the top of the Notifications screen, touch  **Wi-Fi** to turn Wi-Fi Off.

Scanning and Connecting to a Wi-Fi Network

1. Turn Wi-Fi on (see “Turning Wi-Fi On” on page 95). Your phone scans for available hotspots and pops-up a list of any it finds.
2. To connect to a hotspot, touch it on the pop-up list.
 - If the Wi-Fi network is open, you will be automatically connected.
 - If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From the Home screen, touch  **Menu** → **Settings** → **Wi-Fi**. The **Wi-Fi** options screen appears. (For more information, refer to “Accessing Settings” on page 146.)
2. Touch **Wi-Fi**  to turn on Wi-Fi.
3. Touch **Add network**, then enter the following values:
 - **Network SSID**: Enter the name of the WAP (Wireless Access Point).
 - **Security**: Select the type of security used by the WAP.
 - **Password**: If the WAP is secured, enter the password or key.

Bluetooth

Note: For Hearing Aid Compatibility Information, see page 193.

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You don't need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

Configure your phone's Bluetooth settings. For more information, see “Bluetooth settings” on page 149.

Note: Bluetooth profiles are specifications for services supported by individual devices. For a list of profiles your phone supports, see “Bluetooth profiles” on page 148.

Turning Bluetooth On or Off

1. From the Home screen, sweep your finger from the top of the screen downward to display Notifications.
2. Touch  **Bluetooth** to turn Bluetooth On.
Touch  **Bluetooth** to turn Bluetooth Off.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your phone and the device.

After pairing, your phone and the target device will connect with each other and exchange information without a passcode or PIN.

Note: When connected, the  **Bluetooth connected** icon displays in the Status Bar. If you receive a new request for connection while connected with a Bluetooth headset, a new Bluetooth icon displays at the left of the Status bar and Notifications displays the connection request.

1. Activate the target device's discoverable mode.

2. On your phone, turn on Bluetooth (see “Turning Bluetooth On or Off” on page 97). A list of detected devices pops-up on your display.
3. From the list of detected devices, touch the target device, your phone attempts to automatically pair with the target device.

If automatic pairing fails, then follow the prompts to complete manual pairing:

- Enter a PIN for the target device and touch OK.

Tip: Some devices use a default passcode of 0000. Refer to the target device's user manual for more information.

- When prompted to connect with the target device, touch **OK** to complete the connection, touch **Cancel** to retain the pairing only.

Connecting with a Bluetooth Device

1. From the Home screen, touch  **Menu** → **Settings** → **Bluetooth**. The **Bluetooth** screen appears in the display.
2. Under **Available devices**, touch a previously paired device. The device connects with your phone.

VPN

You can use your phone's VPN (Virtual Private Network) feature to connect to VPNs.

Configuring VPN Settings

For information about configuring your phone's VPN settings, see “VPN” on page 159.

Accessing a VPN

1. From the Home screen, touch  **Menu** → **Settings**.
2. Under **Wireless and network**, touch **More settings** → **VPN**. The **VPN** screen appears, listing available VPN connections.
3. Touch a VPN and follow any prompts to access the network.

PC Connections

You can connect your device to a PC using an optional PC data cable using various USB connection modes.

Storage: Lets you use the built-in mass storage and memory card capacity of the phone to store and upload files. This option lets your computer treat your phone's installed and card memory as removable storage drives.

Kies air: Lets you wirelessly synchronize files on your phone (in mass storage and on a memory card) with files on your Windows PC, provided they are both on the same Wi-Fi network.

Note: To sync your device to your PC it is highly recommended that you install Samsung Kies which is available at <http://www.samsung.com/kies> (for Windows/Mac).

Note: If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer. Also, ensure that you have Samsung Kies 2.0 or Windows Media Player 10 or higher installed on your computer.

Connecting as a Storage Device

You can connect your device to a personal computer, have your device appear as a removable disk, and access your device's file directory. If you insert a memory card in the device, you can also access the files directory on the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

1. Connect the USB cable to the device and connect the cable to the computer. After a few seconds, a pop-up window displays on the PC, prompting you to choose how to access the new device.
2. On the PC pop-up, click **Open device to view files**. You can now transfer files between the PC and your phone's memory and memory card (if installed).

Kies via Wi-Fi

Kies via Wi-Fi lets you wirelessly synchronize files on your phone (in mass storage and on a memory card) with files on your personal computer, provided they are both on the same Wi-Fi network.

To use Kies via Wi-Fi, follow these steps:

1. Sign onto the same Wi-Fi network from your phone and from your personal computer.
2. On your phone, from the Home screen, touch  **Menu → Settings**.
3. Under **Wireless and network**, touch **More settings**. The **Wireless and networks** menu appears.
4. Touch **Kies via Wi-Fi**. An **Attention** pop-up appears.
5. Read the warning text and touch **OK**. The **Kies via Wi-Fi** screen appears and scanning for another device on the same network that is running Kies.
6. Once Kies on your personal computer recognizes your phone, follow the on-screen instructions to view and share information between your phone and personal computer.

Tethering

Use Tethering to share your phone's internet connection with a computer connected to your device using the USB data/charging cable, or using Bluetooth.

For more information, refer to “*Tethering*” on page 156.

1. From the **Settings** screen, under **Wireless and network**, touch **More settings** → **Tethering and portable hotspot**. The **Tethering and portable hotspot** screen appears.
2. Choose a tethering method:
 - **USB tethering**: Connect the computer to the phone via USB cable, then touch **USB Tethering** to turn tethering On or Off. When On, a check mark appears in the check box.
 - **Bluetooth tethering**: Connect your phone with the computer using Bluetooth. Consult the computer's documentation for more information about using your computer to make a Bluetooth connect. Touch **Bluetooth Tethering** to turn tethering On or Off. When On, a check mark appears in the check box.

Note: Using Tethering requires a subscription to your Wireless Provider's mobile data service.

Portable Wi-Fi Hotspot

Use Portable Wi-Fi Hotspot to share your phone's internet connection with a PC or other device through Wi-Fi, using your phone as the mobile hotspot.

Note: Portable Wi-Fi Hotspot requires a subscription to the applicable service to use the application.

Portable Wi-Fi Hotspot consumes battery power and uses data service. While the Portable Wi-Fi Hotspot is active, your phone's applications will use the Portable Wi-Fi Hotspot data feature allowance.

Configuring Portable Wi-Fi Hotspot Settings

Configure your phone's Portable Wi-Fi Hotspot settings, including your phone's name and password, and set the visibility of your phone's Wi-Fi hotspot.

Tip: By default, your device's mobile hotspot has no security applied, and any device can connect. For more information about configuring your mobile hotspot, see “*Portable Wi-Fi Hotspot*” on page 153.

Activating Portable Wi-Fi Hotspot

Activate your phone's Portable Wi-Fi Hotspot application to allow other devices to use your phone's internet connection.

1. From the **Apps** screen, touch  **Portable Wi-Fi Hotspot**.
— or —
 - From the Home screen, touch  **Menu** → **Settings**. The **Settings** screen appears.
 - Under **Wireless and network**, touch **More settings** → **Tethering and portable hotspot** → **Portable Wi-Fi Hotspot**.
2. Touch **Portable Wi-Fi Hotspot**  and follow the prompts to turn Portable Wi-Fi Hotspot On.

Connecting a Device via Portable Wi-Fi Hotspot

Use the other device's Wi-Fi control to connect to your phone's Portable Wi-Fi Hotspot.

1. Activate Portable Wi-Fi Hotspot on your phone. For more information, see “*Activating Portable Wi-Fi Hotspot*” on page 101.
2. Activate Wi-Fi on the other device, using that device's Wi-Fi control.
3. Scan for Wi-Fi hotspots, and select your phone from the list. To find your phone's name, see “*Configuring Portable Wi-Fi Hotspot*” on page 154.
4. At the prompt, enter your phone's Portable Wi-Fi Hotspot password.

By default, the password is your phone's telephone number. For information on changing your phone's Portable Wi-Fi Hotspot password, see “*Configuring Portable Wi-Fi Hotspot*” on page 154.

Beaming

NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as Android Beam and S Beam.

1. From the Home screen, touch  **Menu**, then touch **Settings**.
2. Under **Wireless and network**, touch **More settings**.
3. Touch **NFC** to enable or disable NFC. When enabled, a check mark appears in the check box.

Note: **NFC** must be turned on to use **Android Beam** or **S Beam**.

Android Beam

When Android Beam is activated, you can beam application content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

Turning Android Beam On or Off

1. From the Home screen, touch  **Menu**, then touch **Settings**.
2. Under **Wireless and network**, touch **More settings**.
3. Touch **NFC** to enable NFC. NFC must be enabled to use Android Beam. When enabled, a check mark appears in the check box.
4. Touch **Android Beam**  to turn Android Beam On, or touch **Android Beam**  to turn Android Beam Off.

Using Android Beam

1. Turn **Android Beam** On. (See *“Turning Android Beam On or Off”* .)
2. Launch the desired feature or application or browse to the desired web page (See *“Applications and Widgets”* on page 107.)
3. Place your phone back-to-back with the device to receive your “beamed” content, then touch the screen on your phone. The receiving device prompts the user to accept your “beamed” content.
4. Once the user of the receiving device accepts your “beamed” content, it appears on the screen of that device.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your gallery, music files from your music player, and more.

Turning S Beam On or Off

1. From the Home screen, touch  **Menu**, then touch **Settings**.
2. Under **Wireless and network**, touch **More settings**.
3. Touch **NFC** to enable NFC. NFC must be enabled to use S Beam. When enabled, a check mark appears in the check box.
4. Touch **S Beam**  to turn S Beam On, or touch **S Beam**  to turn S Beam Off.

Using S Beam

1. Turn **S Beam** On. (See “Turning S Beam On or Off”.)
2. Launch  **Camera**,  **Music Player**, or  **Gallery** (See “Applications and Widgets” on page 107.) When using Gallery, you can select multiple files to S Beam.
3. Place your phone back-to-back with the device to receive your “beamed” content, then touch the screen on your phone. The receiving device prompts the user to accept your “beamed” content.
4. Once the user of the receiving device accepts your “beamed” content, it appears on the screen of that device.

Wi-Fi Direct

Wi-Fi Direct allows devices to connect to each other directly via Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection. For example, some printers support Wi-Fi Direct, and you could print from your phone via Wi-Fi Direct.

Configuring Wi-Fi Direct

For information on configuring Wi-Fi Direct, see “Configuring Wi-Fi Direct” on page 158.

Turning Wi-Fi Direct On or Off

1. From the Home screen, touch  **Menu** → **Settings**. The **Settings** screen appears.
2. Under **Wireless and network**, touch **More settings**.
3. Touch **Wi-Fi Direct**  to turn Wi-Fi Direct On, or touch **Wi-Fi Direct**  to turn Wi-Fi Direct Off. The **Wi-Fi Direct** screen appears, and your phone scans for available Wi-Fi Direct devices and lists them under **Available devices**.

AllShare Cast

AllShare Cast lets your phone share the contents of its display with other Digital Living Network Alliance (DLNA) certified devices, such as Smart televisions.

Note: To view more information about DLNA certified products visit <http://www.dlna.org/home>.

1. Connect your phone and another DLNA certified device to the same Wi-Fi network. (For more information, refer to “Wi-Fi” on page 95.)
2. On your phone press  **Home**, then touch  **Menu** → **Settings**. The **Settings** screen appears.
3. Under **Wireless and network**, touch **More settings**. The **Wireless and networks** screen appears.
4. Touch **AllShare Cast**. The **AllShare Cast** screen appears with **AllShare Cast** already active and begins scanning for available devices. All detected DLNA certified devices are listed under **Available devices**.
5. Touch the desired device to establish a connection. You can now view the contents of your phone's display on the connected device.

Nearby devices

Share files with nearby DLNA certified devices over Wi-Fi. (For information on configuring Nearby devices, For more information, refer to “Nearby devices” on page 161.)

Note: To use Nearby devices for sharing, you must have set up a connection with another Wi-Fi device that supports DLNA.

1. Connect your phone and another DLNA certified device to the same Wi-Fi network. (For more information, refer to “Wi-Fi” on page 95.)
2. On your phone press  **Home**, then touch  **Menu** → **Settings**. The **Settings** screen appears.
3. Under **Wireless and network**, touch **More settings** → **Nearby devices**. The **Nearby devices** screen appears.
4. Touch **File sharing** to enable or disable file sharing with DLNA-compatible devices. When enabled, a check mark appears in the check box.

Memory Card

Your phone supports removable microSD™ or microSDHC™ memory cards of up to 64GB capacity, for storage of music, pictures, videos, and other files.

Installing and Removing a Memory Card

For more information about installing and removing a memory card, see “*Installing the Memory Card*” on page 7.

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the phone.

Formatting a Memory Card

Use the Erase SD card setting to remove all content from an installed memory card.

1. From the Home screen, touch  **Menu** → **Settings**.
2. Under **Device**, touch **Storage**.
3. Under **SD card**, touch **Format SD card**, then follow the prompts to confirm the deletion of information from the card.

Section 11: Applications and Widgets

This section contains a description of each application and widget that is available in the Apps and Widget menus, the function, and how to navigate through that particular application or widget. If the application or widget is already described in another section of this user manual, then a cross reference to that particular section is provided.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. (For details, see “*Customizing the Home Screen*” on page 31.)

You can also add an application icon as a Primary Shortcut that will display on all Home screens. If you add an application as a primary shortcut, the application icon will not be displayed in the Apps menu. (For more information, refer to “*Editing the Primary Shortcuts*” on page 32.)

Accessing Applications

1. Press  **Home**, then touch  **Apps**, and the **Apps** tab. The **Apps** screen appears in the display.
2. Sweep your finger right or left to scroll the Apps screens.
3. To launch an application, touch the application's icon.

Customizing the Apps Screens

Downloading New Applications

Lets you identify and download additional applications using the Google Play Store.

- From the **Apps** screen, touch  **Menu** → **Play Store**. The **Google Play** screen appears. (For more information, refer to “*Play Store*” on page 139.)

Moving Application icons

With the **Apps** screen in Customizable grid view, you can arrange the application icons to suit yourself.

1. From the **Apps** screen, touch  **Menu**, then touch **Edit**.

Note: The **Edit** option is not available with the **Apps** screen in List view.

2. Touch and hold an application icon, then drag it to a new location.
3. When you are finished, press  **Menu**, then touch **Save**.

Removing Downloaded Applications

You can remove applications that you have downloaded, but not the applications pre-installed on your device. If you have no downloaded applications on your device, this option is disabled.

1. From the **Apps** screen, touch  **Menu**, then touch **Uninstall**. Removable (that is, downloaded) applications appear marked with a  icon.

2. Touch  for the application you want uninstalled. You are prompted to verify that you want to uninstall the selected application.
3. To uninstall the selected application, touch **OK**.
4. Follow any prompts to complete uninstalling the selected application.

Choosing a View

By default, application icons appear in Customizable grid view. You can change the view to Alphabetical grid view or Alphabetical list view.

1. From the **Apps** screen, touch  **Menu** → **View type**. The available options are:
 - **Customizable grid:** Arrange application icons in the order you prefer.
 - **Alphabetical grid:** Application icons automatically arranged in alphabetical order.
 - **Alphabetical list:** Application icons automatically listed in alphabetical order.

Filtering Application icons

You can select which icons appear in the **Apps** screen.

1. From the **Apps** screen, touch  **Menu**, then touch either of the following options:
 - **Downloaded applications:** Shows only those applications you have downloaded and installed on your phone.
 - **Hide applications:** Mark those applications you do not want to appear on the **Apps** screen by touching their icons (check marks appear in their check boxes), then touch **Done**. The **Apps** screen appears without the hidden applications.
 - **Show hidden applications:** Shows only those applications you have hidden. To restore your hidden application(s), Mark those applications by touching their icons (check marks appear in their check boxes), then touch **Done**. The **Apps** screen appears with the hidden applications restored.

Calculator

Use your phone's Calculator to perform arithmetical calculations (addition, subtraction, multiplication, and division).

- From the **Apps** screen, touch  **Calculator**.

Calendar

Record events and appointments to manage your schedule.

Tip: A Calendar widget is available in Widgets. For more information about placing widgets on the Home screen, see “*Widgets*” on page 33.

1. From the **Apps** screen, touch  **Calendar**.
2. Touch , then touch a tab to choose a calendar view:
 - **Year:** Display the current year and scroll to other years.
 - **Month:** Display the current month and scroll to other months.
 - **Week:** Display the current week, and scroll to other weeks.
 - **Day:** Display today's schedule, and scroll to other days.
 - **Agenda:** Display events and tasks in a chronological list.
 - **Task:** Display tasks in a chronological list.

3. Touch **Menu** for these options:

- **Go to:** Display a specific date.
- **Delete:** Delete an event.
- **Search:** Search for calendar events.
- **Sync:** Synchronize your phone's calendar with your account calendars. (For more information, refer to “*Setting Up Your Accounts*” on page 40.)
- **Settings:** Customize the calendar.

Customizing the Calendar

1. From the **Apps** screen, touch **Calendar**.

2. Touch **Menu**, then touch **Settings** to configure these settings:

- **View settings:**
 - **Week view:** Choose Timeline or Analog view for a week's events.
 - **First day of week:** Choose a day to begin each week.
 - **Hide declined events:** Enable or disable display of events.
 - **Lock time zone:** When enabled, sets event times and dates to a specified time zone, so that times and dates will not change if you move to another time zone.

- **Select time zone:** When Lock time zone is enabled, specify the time zone for all events.
- **Show week number:** Display the number of the week (1 – 52) in a **W** column to the left of the first day of the week column.
- **Calendars:** Select calendars to display.
- **Event notification:**
 - **Set alerts & notifications:** Choose Alert to receive alerts, Status bar notification to display notifications in the Status bar, or Off for no notifications or alerts.
 - **Select ringtone:** Choose a ringtone for event notifications, then touch **OK**.
 - **Vibration:** Enable/disable vibration for event notifications.
 - **Default reminder time:** Choose a default reminder time for Calendar events (default time is 15 minutes).
 - **Notifications while screen is off:** Enable/disable display of notifications on the full screen while the screen is blanked.
- **Sync settings:**
 - **Sync events/tasks:** Launch the **Accounts and sync** screen to select synchronization options. (For more information, refer to “*Accounts and sync*” on page 171.)

- **Gesture:**

- **Swipe with two fingers:** Show animation demonstrating how to change the Calendar view with a simple swipe with two fingers.

Sending Events

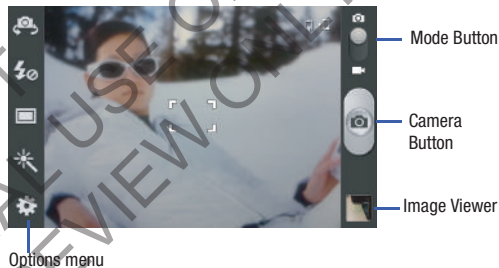
Send events as vCalendar files to other compatible devices.

1. From the **Apps** screen, touch  **Calendar**.
2. Touch an event to display its details.
3. Touch  **Menu** → **Share via**.
4. Select the desired Sharing method from the **Share via** pop-up.
5. Follow the prompts to send a copy of a Calendar event to another device. (For more information, refer to *“Connections”* on page 95.)

Camera

Use your phone's built-in Camera to take pictures and record video.

- From the **Apps** screen, touch  **Camera**.



Important! Do not take photos of people without their permission.

Do not take photos in places where cameras are not allowed.

Do not take photos in places where you may interfere with another person's privacy.

Taking Pictures

1. From the **Apps** screen, touch  **Camera**.
2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.
 - Touch the screen to focus on the area you touched.
 - “Pinch” the screen, or press the **Volume** key, to zoom in or out.
 - To configure settings, see “*Camera Options*” on page 112.
3. To take the picture, touch the **Camera** button ().
4. After taking a picture, touch **Image Viewer** to view the picture. While viewing the picture, use these options:
 - “Pinch” the screen, or touch the zoom icons, to zoom in or out, or double-touch to zoom all the way in or out.
 - Touch  **Share** to send the picture using Group Cast, Dropbox, Flipboard, Picasa, Google+, S Memo, Bluetooth, Wi-Fi Direct, Messaging, Gmail, or Email.
 - Touch  **Slideshow** to view all of your pictures as a slideshow.
 - Touch  **Delete** to erase the picture.
 - Touch  **Menu** to access added options: Face tag, Copy to clipboard, Rotate left, Rotate right, Crop, Edit, Set as (Contact photo, Home screen, Lock screen, Home and lock screens wallpaper), Buddy photo share, Print, Rename, or Details.

Camera Options

While in camera mode, the following options are available:

-  **Self portrait:** Switch to the front camera lens, for self-portraits.
-  **Flash:** Choose Off, On, or Auto flash.
-  **Shooting mode:** Choose an automatic shooting mode, from:
 - **Single shot:** Take a single photo.
 - **Burst shot:** Detects action to automatically take multiple pictures to create a panorama.
 - **HDR:** Takes pictures in HDR (High Dynamic Range) mode to increase image detail.
 - **Face detection:** Touch the Camera button to focus on and take a picture of the subject's face.
 - **Smile shot:** Touch the Camera button to focus on the subject's face. If a smile is detected, the picture is taken automatically.
 - **Beauty:** Adjust the contrast to create a smooth facial feature effect.
 - **Panorama:** Takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area where the second part of the panoramic picture should fall within.
 - **Cartoon:** Gives your photo a cartoon look.