

Samsung GALAXY Note™

M O B I L E 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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How Does It Work?

- The earSmart voice processor in your phone captures your voice and all the sounds around you.
- Working like the human ear, it processes and distinguishes these sounds, isolates your voice conversation, and removes background noise - from both ends of a call.
- It also automatically equalizes and adjusts voice volume so you can hear and talk naturally, even in the noisiest places.
- With earSmart technology, you can talk where you want, and have clear conversations for mobile calls, video chats, even speakerphone calls, without worrying about surrounding noise.

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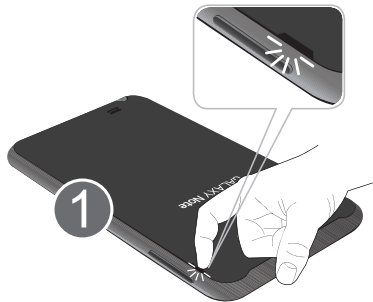
Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your Voicemail.

Setting Up Your Phone

Prior to use it is necessary to install both the battery and SIM into their corresponding internal compartments. The microSD™ card slot is also located in this same internal area.

1. Remove the back cover by inserting a fingernail into the slot on the top side of your phone (1).



2. Lift the cover up and away from the phone (2).



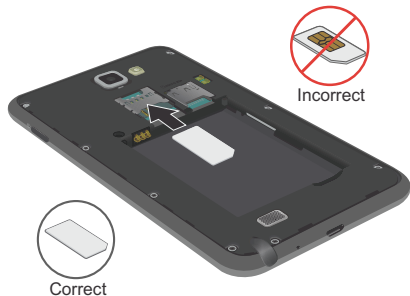
Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

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.

- ▶ Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.

- Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.



Note: If the card is not inserted correctly, the phone will not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

Installing and Removing the Memory Card

Your device lets you use a microSD™ (SD) or microSDHC™ card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This type of memory card is designed for use with this mobile phone and other devices.

Note: Your phone has been tested to support up to a 32GB memory card.

1. Push the microSD card into the slot until it clicks (as shown).
 - Make sure the microSD's gold contact pins face downward and the card is securely inserted.



2. To remove, push on the memory card until it clicks and is released. Then grasp the memory card and remove it from the phone.

For more information on Memory Cards, see "Memory Card" on page 36.

Installing the Battery

1. Insert the battery into the opening on the back of the phone, making sure the connectors align (1).
2. Gently press down to secure the battery (2).



Installing the Back Cover

1. Place the battery cover onto the back bottom of the phone (1) and press down (2).



2. Press all along the edge of the back cover until you have a secure seal.



Note: Make sure the battery is properly installed before switching on the phone.

Charging a Battery

Your device is powered by a rechargeable Li-ion battery. The Travel Charger that is used to charge the battery is included with your device. Use only Samsung-approved batteries and chargers.

Note: Long backlight settings, searching for service, vibrate mode, web browser use, and other variables may reduce the battery's talk and standby times.

Although you can use the phone while the battery is charging, doing so will require additional charging time.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

Using the Travel Charger

Important! Verify that the handset battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the handset may power off and on continuously, preventing proper operation.





1. Plug the small end of the Travel Charger into the Power/Accessory Interface connector and the other end into a standard AC wall outlet.

2. When charging is finished, disconnect the charger from the interface connector jack on the phone.


Note: Failure to unplug the wall charger before you remove the battery can cause damage to the phone.

Low Battery Indicator


When the battery is weak and only a few minutes of talk time remain, the battery icon () blinks and the device sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power by entering the dimming mode. The battery charge indicator located in the upper-right corner of your device's display provides a quick check of your battery level. Solid color () indicates a full charge.

When the battery level becomes too low, the phone automatically turns off.



Switching the Phone On or Off

1. Press and hold  (on the upper right side of the phone) until the phone switches on.
2. Sweep your finger across the screen to unlock the phone.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to "Changing Your Settings" on page 90.

3. To switch off the phone, press and hold  until the **Phone options** screen displays.
4. Tap **Power off**, then tap **OK** to switch off the phone.

Locking and Unlocking the Touch Screen



1. Press  to lock the touch screen.
2. Press  again to display the main screen then sweep your finger across the screen to unlock it.

Warning! If your handset has a touch screen display, 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.

Creating a New Google Account

In order to utilize your device to the fullest extent, you will need to create a Google™ Account when you first use your device. With a Google Account, Google applications will always be in sync between your phone and computer.

After you start your phone for the first time, follow these steps:

1. From the Home screen, tap **Applications**  → **Gmail** .
The **Add a Google Account** screen displays.
2. Tap **Next** to continue.
3. Follow the on-screen instructions to create Google Account.

Note: If you already have a Google account, you only need to sign in.



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. Enter your Email address and click **Submit**.
4. Follow the on-screen instructions to reset your password.

Setting Up Your Voicemail

1. From the Home screen, tap , then touch and hold .
You may be prompted to enter a password.
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Accessing Your Voice Mail

1. From the Home screen, tap , then touch and hold .
2. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voicemail From Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your passcode.


Android System Recovery

Android System Recovery is used to restore the phone's system software to the original as-shipped state and delete all user data. Under normal operating conditions you should never need to perform a system recovery.

Note: If you entered this menu by mistake, use the Volume Up/Down keys to select **reboot system now**, then press the Power key. Your phone will then continue to boot up.

To enter the Android System Recovery mode, follow these steps:



1. With the phone turned off, press the Power key and Volume Up/Down keys at the same time until the phone switches on.
2. Once the Samsung logo appears, release the Power key while continuing to press the Volume Up/Down keys.

3. Continue to press the Volume Up/Down keys for at least 8 seconds, until Recovery mode is launched and the Android System Recovery screen is displayed.
4. Release the Volume Up/Down keys.
5. The following options are available:
 - **reboot system now:** this option turns on your phone.
 - **apply update from sdcard:** this option allows you to apply updates from your memory card to your phone.
 - **wipe data/factory reset:** erases all data from the phone and resets all settings to factory default values. It does not delete content stored on an inserted microSD card.
 - **wipe cache partition:** allows you to delete all cache data such as log files.
6. Use the Volume Up/Down keys to scroll up or down, then press  to make a selection.

Safe Mode

You can boot your phone into Safe Mode if you need to troubleshoot whether or not added applications are causing problems with the device. Safe mode will only load basic system software.

1. Make sure your phone is turned off.

2. Press and hold the power key ( Ⓟ) to boot up your device.
3. After the start-up animation begins to display, rapidly tap the  key until the Lock screen displays.

When the Lock screen is displayed, **Safe mode** is displayed in the lower left corner of the screen.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

- ▶ If your device is frozen and unresponsive, press and hold the Power/Lock Key for 8 to 10 seconds.

For more help, see “*Android System Recovery*” on page 10.

Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use. It also shows how to navigate through the phone and provides information on using a memory card.



Features of Your Phone

Your phone is lightweight, easy-to-use and offers many useful features. The following list outlines a few of the features included in your phone.

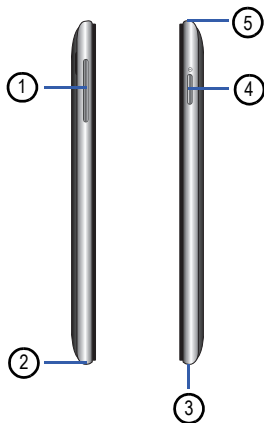
- 4G LTE network with 1.5 gigahertz dual core processor
- Android Gingerbread platform
- S Memo and S Pen apps provide free-flowing input techniques
- Touch screen provides quick response to a variety of in-phone menus and options including applications and seven home screens
- Ready access to the Internet
- Built-in Bluetooth and Wi-Fi technology
- Brilliant 5.3" wide-screen AMOLED™ HD display
- 8 Megapixel camera and camcorder
- HSDPA 21 mbps high speed download capability
- microSD card compatibility with up to 32GB expandable memory slot
- Sync and update social network applications



Front View of Your Phone



1. **External speaker:** allows you to hear the caller.
2. **Volume keys:** allow you to adjust the ringer volume while in standby mode or adjust the voice volume during a call. When receiving an incoming call, briefly press down either volume key () to mute the ring tone.
3. **Applications:** you can place shortcuts to your favorite applications on the Home screen.
4. **Primary shortcuts:** allows quick access to important features such as Phone, S Planner, Email, Web, and Applications. For more information, refer to “*Primary Shortcuts*” on page 18.
5. **Menu key:** allows you to access sub-menus with additional options for different features and applications such as Home screen, Phone, Contacts, Messaging, and Web.
6. **Home key:** allows you to return to the main Home screen from any Home screen or menu. Press and hold to display your recently used applications and a shortcut to the Task manager.
7. **Back key:** allows you step backwards when navigating a menu or web page.
8. **Search key:** allows you to access the Google Search feature where you can search for items on the internet.
9. **Home screen indicator:** shows which Home screen is presently displayed.
10. **Power/Lock key:** () lets you power your phone on and off. Also allows you to lock or unlock the touch screen. For more information on locking your phone, see “*Locking and Unlocking the Phone*” on page 27.
11. **Indicator icons:** shows the information needed to operate your phone, such as the received signal strength, phone battery level, time, unread Emails, missed calls, time, date, etc.
12. **Front facing camera:** allows you to take pictures of yourself when you set the camera shooting mode to Self shot.
13. **Proximity and Light sensors:** uses the ambient light level to adjust keypad access. If the light path is blocked, for example, when holding the phone close to your ear, the touch screen will turn off. Also used for some Camera settings.

Side Views of Your Phone



1. **Volume keys:** allow you to adjust the ringer volume while in standby mode or adjust the voice volume during a call. When receiving an incoming call, briefly press down either volume key () to mute the ring tone.
2. **Power/Accessory Interface connector:** allows you to connect a Travel Charger or other optional accessories such as a USB/data cable or a hands-free headset for convenient, hands-free conversations.
3. **Microphone:** allows other callers to hear you when you are speaking to them.
4. **Power/Lock key:** () lets you power your phone on and off. Also allows you to lock or unlock the touch screen. For more information on locking your phone, see *"Locking and Unlocking the Phone"* on page 27.
5. **3.5mm Headset jack:** allows you to plug in headphones.

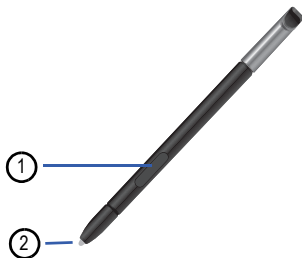
Rear View of Your Phone



1. **Camera lens:** is used to take pictures and shoot videos.
2. **Flash:** is used to provide adequate light when taking pictures in dark places.
3. **External speaker:** allows you to hear when the Speakerphone is turned on.
4. **S Pen:** a built-in stylus that allows you to perform various functions. For more information, refer to "S Pen" on page 15.

S Pen

The S Pen is a stylus that assists you in performing different functions. By using the Pen button, you can minimize having to switch between touch and pen input.



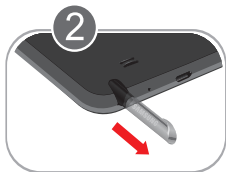
1. **Pen button:** by pressing the Pen button, you can add functionality to the S Pen. For more information, refer to "Using the S Pen" on page 16.
2. **Stylus tip:** the tip of the S Pen is used for tapping the screen.

Removing the S Pen from your Phone

The S Pen is stored in your phone for your convenience.

To remove the S Pen, follow these steps:

1. Use your fingernail or a sharp object to pull the end of the S Pen out of the phone (1).



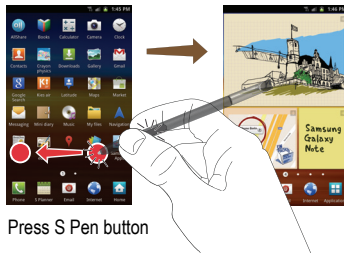
2. Pull the S Pen out of the phone (2).

Using the S Pen

There are several different functions you can perform using the S Pen.

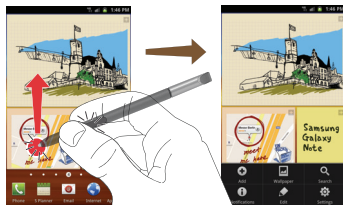
Back Button

To move to a previous screen, hold the S Pen button and touch and drag the screen to the left. The previous screen is displayed.



Menu Button

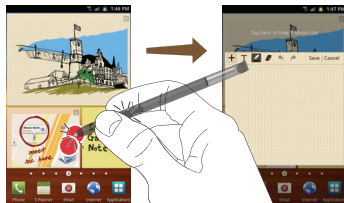
To display the menu from any screen, hold the S Pen button and touch and drag the screen upward. The menu is displayed.



Press S Pen button

Launch S Memo Lite

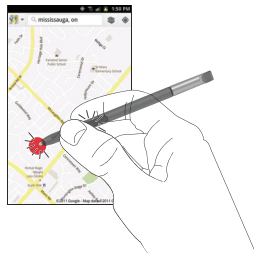
S Memo Lite is an application that you can launch from any screen to take quick notes or jot down ideas. To open S Memo Lite, hold the S Pen button and double-tap the screen.



Press S Pen button

Screen Capture

To take a screen capture, hold the S Pen button and press and hold the S Pen anywhere on the screen. Select **Save** to save the captured image in the **My files** → **ScreenCapture** folder.



Write on any Screen after Capture

To write on a screen capture, use the pen to draw or write. Files are saved in the **My files** → **ScreenCapture** folder.








For information on using your S Pen with the S Memo application, see “S Memo” on page 149.


Display Layout

Your display screen provides a wealth of information about the phone’s status and options, as well as providing access to application icons. For more information, refer to “*Front View of Your Phone*” on page 12.

Primary Shortcuts

There are five non-movable Application Shortcuts that appear at the bottom of all Home screens. The default shortcuts vary by service provider, but may include:

- **Phone**  for dialing a number. For more information, refer to “*Making a Call*” on page 38.
- **S Planner**  for recording events and appointments to manage your schedule. For more information, refer to “*S Planner*” on page 134.
- **Email**  for sending and receiving email from your device. For more information, refer to “*Using Email*” on page 86.
- **Internet**  for surfing the Internet. For more information, refer to “*Internet*” on page 118.
- **Applications**  for accessing the applications on your phone. For more information, refer to “*Applications*” on page 132.

While viewing the Applications Menu, the Application shortcut changes to **Home** , which returns you to the Main screen.

You can change any primary application shortcut except Applications to any icon that is displayed in the Applications menu.

For more information, refer to “Adding and Removing Primary Shortcuts” on page 31.

Indicator Icons

This list identifies the symbols you'll see on your phone's display and Indicator area:



Displays your current signal strength. The greater the number of bars, the stronger the signal.



Indicates that the Flight Mode is active. You cannot send or receive any calls or access online information.



Displays when there is no SIM card in the phone.



Displays when there is no network available.



Displays when there is a system error or alert.



Displays when a call is in progress.



Displays when a call is in progress using a Bluetooth device.



Displays when a call is on hold.



Displays when the speakerphone is on.



Displays when a call has been missed.



Displays when a call has been muted.



Displays when Call forwarding is set to Always forward. For more information, refer to “Call Settings” on page 97.



Displays when your phone is set to automatically reject all calls.



Displays your battery charge level. Icon shown is fully charged.



Displays when your battery is charging. Also displays battery charge level.



Device Power Critical – Shows your current battery only has three percent power remaining and will immediately shutdown.



Displays when your connection to an EDGE network is active.



Displays when your phone is communicating with the EDGE network.



Displays when your connection to a UTMS, HSDPA, HSPA, or HSPA+ network is active.



Displays when your phone is communicating with the UTMS, HSDPA, HSPA, or HSPA+ network.



Displays when your connection to a 4G LTE network is active.



Displays when your phone is communicating with the 4G LTE network.



Displays when your phone is downloading a file.



Displays when a Market download has successfully been installed.



Displays when updates are available for download.



Displays when an external microSD memory card is full.



Displays when the phone is connected to a computer via a supported USB cable connection.



Displays when the phone is tethered via a supported USB cable connection.



Displays when a new text or multimedia message is received.



Displays when a new Voicemail is received.



Displays when Email is received.



Displays when a new gmail message is received.



Displays when the time and date for an S Planner Event has arrived. For more information, refer to “S Planner” on page 134.



Displays when you set an alarm to ring at a specified time. For more information, refer to “Alarm” on page 135.



Displays when the Sound profile is set to Silent mode.



Displays when the Sound profile is set to Silent mode and Vibrate is set to Always or Only in silent mode.



Displays when Bluetooth is activated.



Displays when a Bluetooth device has been paired with the phone.



Displays when Bluetooth is on but is not connected to a Bluetooth device.



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



Displays when Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP).



Displays when Wi-Fi Direct is active and your phone is connected to another device.



Displays when your phone is connected to a PC using Kies air.



Displays when your phone is connected to a Digital Living Network Alliance (DLNA) certified device using the AllShare application.



Displays when your phone has been configured as a portable Wi-Fi hotspot.



Displays when GPS is active and acquiring a signal.



Displays when Power saving mode is enabled.



For more details on configuring your phone's settings, see “Changing Your Settings” on page 90.

Application Icons


The Application menu provides quick access to the items you use most frequently.


The following table contains a description of each application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.


For information on navigating through the Applications icons, see “*Navigating Through the Application Menus*” on page 28.


1. From the Home screen, tap , then tap one of the application icons.
2. Follow the on-screen instructions.
3. To return to the Home screen, tap .


The following applications are available:


 **AllShare:** AllShare allows your phone to stream photos, music and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your phone can also play digital content streamed from other DLNA certified devices. For more information, refer to “*AllShare*” on page 132.

 **Books:** With Google Books, you can find more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore. For more information, refer to “*Books*” on page 133.

 **Calculator:** Using this feature you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator. For more information, refer to “*Calculator*” on page 133.

 **Camera:** Use your 8.0 megapixel camera feature to produce photos in a JPEG format. For more information, refer to “*Camera*” on page 69.

 **Clock:** The Clock application allows you to access alarms, view the World Clock, set a stopwatch, use a timer, and setup a Desk Clock. For more information, refer to “*Clock*” on page 135.

 **Contacts:** You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group. For more information, refer to “*Contacts and Your Address Book*” on page 55.



Crayon Physics: Crayon Physics is a game that uses two-dimensional physics, including gravity, mass, kinetic energy and transfer of momentum. For more information, refer to “*Crayon Physics*” on page 138.



Downloads: The Downloads application allows you to manage all of your downloads from the Market and the Browser. For more information, refer to “*Downloads*” on page 139.



Gallery: The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message. For more information, refer to “*Gallery*” on page 68.



Gmail: Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to “*Using Gmail*” on page 88.



Google Search: The Google Search Bar provides you an on-screen Internet search engine powered by Google™. For more information, refer to “*Google Search Bar*” on page 26.



Kies Air: Kies Air allows you to sync your Windows PC wirelessly with your phone provided they are both on the same Wi-Fi network. You can view call logs, videos, photos, bookmarks, IMs, and even send SMS messages from your home computer. For more information, refer to “*Kies Air*” on page 130.



Latitude: With Google Latitude, you can see the location of all of your friends on a map or on a list. You can also share or hide your location. For more information, refer to “*Latitude*” on page 139.



Maps: Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends. For more information, refer to “*Maps*” on page 141.



Market: Android Market provides access to downloadable applications and games to install on your phone. For more information, refer to “*Market*” on page 143.



Messaging: You can send and receive different types of messages. For more information, refer to “*Messaging*” on page 81.



Mini Diary: The Mini Diary allows you to keep a diary of your daily activities and also attach pictures. You can publish your diary entries to Facebook and MySpace. For more information, refer to “*Mini Diary*” on page 143.



Music player: The music player allows you to play music files that you have stored on your phone and memory card. You can also create playlists. For more information, refer to “*Music player*” on page 65.



My files: My files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location. For more information, refer to “*My Files*” on page 145.



Navigation: Navigation is an internet-connected GPS navigation system with voice guidance. You can type or speak your destination. For more information, refer to “*Navigation*” on page 145.



News & Weather: Displays current news and weather for your location. For more information, refer to “*News & Weather*” on page 147.



Photo editor: Provides basic editing functions and picture effects for pictures you have taken on your phone. For more information, refer to “*Photo editor*” on page 147.



Places: Places is an application that uses Google Maps and your location to help you find Restaurants, Coffee, Bars, Attractions, ATMs, Gas Stations, and Explore Nearby. You can also add your own locations. For more information, refer to “*Places*” on page 147.



Polaris Office: Polaris[®] Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline. For more information, refer to “*Polaris Office*” on page 148.



S Choice: allows you to download apps designed specifically for the Galaxy Note's S Pen UI directly from Samsung Apps.



S Memo: The S Memo application allows you to create memos using the keypad, the S Pen tool, or both. You can add images, voice recordings, and text all in one place. For more information, refer to “*S Memo*” on page 149.



Samsung Apps: Samsung Apps allows you to easily download an abundance of useful applications to your phone.



Settings: This icon navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone. For more information, refer to “*Changing Your Settings*” on page 90.



Social Hub: With Social Hub, you can now easily and intuitively satisfy all of your relevant communication needs from one integrated user experience. E-mails, instant messaging, social network contents, and calendar contents from all major service providers are available. For more information, refer to “*Social Hub*” on page 152.



Tags: This application is used for organizing and sharing Near Field Communication (NFC) tags. You can scan a tag by turning on your device and placing it near the tag. For more information, refer to “*Tags*” on page 153.



Talk: Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts. For more information, refer to “*Talk*” on page 89.



Task manager: The Task manager application provides information about the processes and programs running on your phone, as well as the memory status. It can also be used to terminate processes and applications. For more information, refer to “*Task Manager*” on page 153.



Videos: The Video application plays video files stored on your microSD card. For more information, refer to “*Videos*” on page 68.



Voice Recorder: The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message. For more information, refer to “*Voice Recorder*” on page 153.



Voice Search: The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said. For more information, refer to “*Voice Search*” on page 154.



Voice talk: With the Voice talk application you can use your voice to perform operations that you would normally have to do by hand such as dialing a phone number, texting a message, playing music, etc. For more information, refer to “*Voice Talk*” on page 155.






YouTube: YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format. For more information, refer to “*YouTube*” on page 155.

Tip: To open applications quickly, add the icons of frequently-used applications to the Home screen or to the folders you created. For details, see “*Customizing Your Home Screen*” on page 29.

Google Search Bar

The Google Search Bar provides you an on-screen Internet search engine powered by Google™.


1. From the main home screen, sweep the screen to the left and tap the Google Search bar .
2. Use the on-screen keypad to enter the item you want to search for, then tap **Go**.
3. Tap  to narrow your search results. Tap **All**, **Web**, **Apps** or **Contacts** to only search in those areas.
4. Tap  to use Google Voice Search. For more information, refer to “*Voice Search*” on page 154.

Menu Navigation


You can tailor the phone’s range of functions to fit your needs using both menus and widgets. Menus, sub-menus, and features can be accessed by scrolling through the available on-screen menus. Your phone originally has seven home screens.

Command Keys


Menu Key

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

Home Key

Press  **Home** to display the Home screen. Press and hold to display your recently used applications and a shortcut to the Task manager.

Back Key

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

Search Key

Press  **Search** to launch Quick Search, to search the web and your phone.

Terms used in this user manual

Tap

Lightly touch items to select or launch them. For example:

- Tap the on screen keyboard to enter characters or text.
- Tap a menu item to select it.
- Tap 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 through the Home screen or a menu

Pan

To pan, touch and hold a selected icon, then move the device to the left or right to reposition it to another page. You must first activate Motion on your device. Use panning to:

- Move icons on your Home screens or Application Menus to another page.

For more information, refer to *"Motion"* on page 109.


Tilt

To activate the tilt feature, press and hold two points on the screen then tilt the device back and forth to reduce or enlarge the screen. Use tilt to:

- Reduce or enlarge the screen in the Gallery or Browser.
- For more information, refer to *"Motion"* on page 109.


Locking and Unlocking the Phone

To lock your phone:

1. Press the lock button  located on the upper right side of your phone.

The screen should go blank.

To unlock your phone:


1. Press the lock button  located on the upper right side of your phone.

2. Sweep the touch screen in any direction.



3. The Home screen will display as shown above.

Home Screen Overview

The main home screen is the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders, or Google widgets to give you instant access to information and applications. This is the default page and accessible from any menu by pressing .

Navigating Through the Home Screens

Your phone initially has seven home screens. If you like, you can place different applications on each of the home screens.


- From the main Home screen, sweep the screen with your finger in either direction. The main Home Screen is located

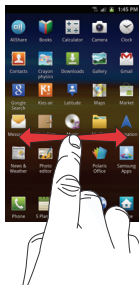
in the middle with three Home screens on each side.



Navigating Through the Application Menus

Your phone initially has four Application Menus available. Follow these steps to navigate through the Application Menus:

1. At the Home screen, tap . The first Application Menu will be displayed.
2. Sweep the screen left or right to access the other three menus.
3. Tap one of the application icons.



Note: As you add applications, the number of Application menus that you have available will increase.

Navigating Using Sub-Menus

Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging, or Web.

To access a sub-menu:


1. Press .

A sub-menu will appear at the bottom of the phone screen.

2. Tap an option.



Accessing Recently-Used Applications

1. Press and hold  from any screen to open the recently-used applications window.
2. Tap an icon to open the selected application.

Customizing Your Home Screen

You can customize your Home screen by doing the following:

- Creating Shortcuts
- Adding and Removing Widgets on the Home Screen
- Repositioning Widgets



- Creating Folders
- Changing the Wallpaper
- Adding and Deleting Home Screens

Creating Shortcuts

Shortcuts are different than the current Home screen Widgets that only launch an application. Shortcuts activate a feature, action, or launch an application.


Note: To move a shortcut from one screen to another, it must first be deleted from its current screen. Navigate to the new screen, then add the shortcut.

Adding a shortcut from the Applications Menu



1. Press  to activate the Home screen.
2. Navigate to the desired Home Page.
3. Tap  to display your current applications.
4. Scroll through the list and locate your desired application.
5. Touch and hold the on-screen icon. This creates an immediate shortcut of the selected icon and closes the Applications tab. The new shortcut then appears to hover over the Home screen.

6. While still holding the on-screen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Adding a shortcut via the Add to home screen

1. Press  to activate the Home screen.
2. Touch and hold on an empty area of the Home screen.
3. From the **Add to home** window, tap **Shortcuts**.
4. Tap a shortcut from the available list.
5. Follow the on-screen instructions to add the new shortcut to your current Home screen.






Deleting a shortcut

1. Press  to activate the Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon over the Delete tab  and release it.
As you place the shortcut into the Trash, both items turn red.

Note: This action does not delete the shortcut, it just removes it from the current screen.

Adding and Removing Primary Shortcuts

You can change any of your primary shortcuts with the exception of the **Applications**  and **Home**  shortcuts.

1. Press  to activate the Home screen.
2. Tap  to display your current applications.
3. Press  and tap **Edit**.
4. If the **Reorganize icons** screen is displayed, tap **Switch**.
5. Scroll through the list and locate your desired application.
6. Touch and hold the on-screen icon, then drag it over the primary shortcut that you want to replace. The new primary shortcut then appears at the bottom of the screen. The old primary shortcut will return to the application menu.
7. Press  and tap **Save**.
8. Press  to return to the Home screen.

The new primary shortcut will now appear on all Home screens.


Note: When a primary shortcut is removed, it will then appear as an option in the Application menu.

Adding and Removing Widgets


Widgets are self-contained applications that reside in either your Applications tab or on the main or extended Home screens. Unlike a shortcut, the Widget appears as an on-screen application.

Note: To move a Widget from one screen to another, it must first be deleted from its current screen. Activate the new screen, then add the Widget.

Adding a Widget






1. Press  to activate the Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the screen.
4. From the **Add to home** window, tap **Widgets**.
5. Scroll through the available Widgets at the bottom of the screen, then tap it to place it on your current screen.

Removing a Widget



1. Touch and hold a Widget until you can move it around on the screen.
2. Drag the Widget over the Delete tab  and release it.
As you place the Widget into the Trash, both items turn red.



Note: This action does not actually delete the Widget, it just removes it from the current Home screen.

Moving Icons in the Applications Menu

1. Press  to activate the Home screen.
2. Tap  to display your current applications.
3. Press  and tap **Edit**.
4. If the **Reorganize icons** screen is displayed, tap **Switch**. The view type must be set to **customizable grid**.
5. Read the **Edit applications** information and tap **OK** (this only displays the first time you edit the Applications menu).
6. Scroll through the list and locate the icon you wish to move.
7. Touch and drag the icon to the position that you want. To move to a different page, drag the icon to the edge of the page until the page scrolls to the desired page.
8. Press  and tap **Save**.
9. Press  to return to the Home screen.

Deleting Icons from the Applications Menu

1. Press  to activate the Home screen.
2. Tap  to display your current applications.


3. Press  and tap **Edit**.
4. Tap an application that you would like to delete from the Applications menu. It must have a  symbol next to it in order to delete it.
5. Tap the icon.
6. At the Delete prompt, tap **Yes**.
The application is deleted.

Note: If you would like to get an application that you have previously deleted, use the Android Market to download it. For more information, refer to "Market" on page 143.

Creating and Managing Folders

Folders are located on any of the seven available Home screens and can contain both files (such as data and images) and Contact information or entries.

To create a folder on-screen follow these steps:


1. Press  to activate the Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the screen.
4. From the **Add to home** window, tap **Folders**.

5. Tap an available folder type to place it on your current screen.
 - Choices include New folder, All contacts, Contacts with phone numbers, Received list from Bluetooth, Recent documents and Starred contacts.

Note: Starred contacts are those Contact entries tagged as very important.

Changing the Wallpaper



You can change the Wallpaper (background) of your home screens by following these steps:

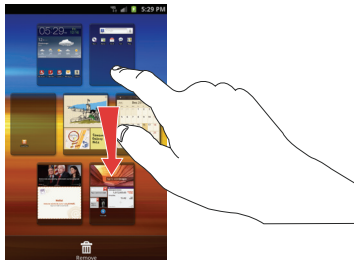
1. Press  to activate the Home screen.
2. Touch and hold on an empty area of the screen.
3. From the **Add to home** window, tap **Wallpapers**.
4. Tap one of the following options:
 - **Gallery:** select a wallpaper from photographs you have taken with your camera.
 - **Live wallpapers:** select an animated wallpaper.
 - **Wallpaper gallery:** select from many still-life wallpapers.
5. Select a wallpaper and tap **Save** or the **Set wallpaper** icon.

Moving Home Screens

Your phone comes with seven Home screens. You can arrange the screens in any order that you want.

To move a Home screen, follow these steps:

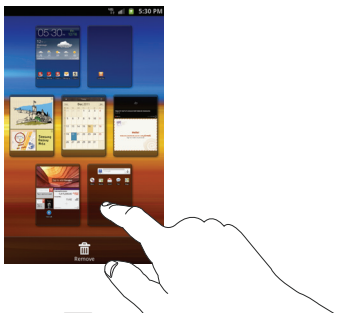
1. Press  to activate the Home screen.
2. Press  and tap **Edit**.
3. Touch and hold the Home screen you want to move.




4. Drag it to the location that you would like to place it.

In the following example, the Featured Apps Home screen is moved to the last position.

When you move a Home screen, the other Home screens will be re-ordered automatically.





5. Press  to return to the main Home screen.

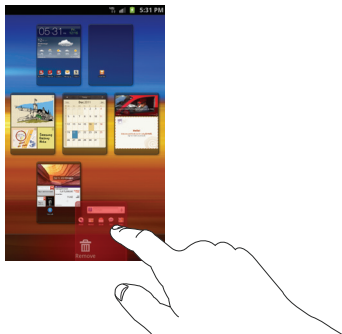
Adding and Deleting Home Screens


You can delete Home screens and then add Home screens later if you want.

To delete a Home screen, follow these steps:




1. Press  to activate the Home screen.
2. Press  and tap **Edit**.
3. Touch and hold the Home screen you want to delete.

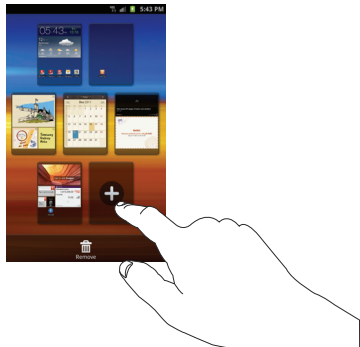
4. Drag it to the trash can located at the bottom of the screen.





5. If there are items on the Home screen that you want to delete, the **Home screen has items. Delete?** prompt is displayed.
6. Tap **Yes** to remove the page, otherwise, tap **No**.
7. Press  to return to the main Home screen.

To add a Home screen, follow these steps:

1. Press  to activate the Home screen.
2. Press  and tap **Edit**.
3. Tap the screen that contains . To change the screen location, touch and hold the icon until the size increases then drag it to the new location.



Note: The  icon will only be displayed if a Home screen has previously been deleted.

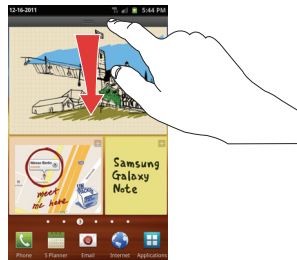
4. Press  to return to the main Home screen.

You can now add items to your new Home screen.

Notification Bar

The Notification Bar includes a pull-down list to show information about processes that are running, recent notifications, and alerts. To display the Status indicator:

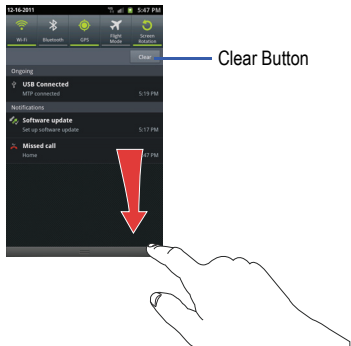
- ▶ On the Home screen, touch and hold the Notification Bar until the pull-down displays, then drag down vertically.



Cleaning Notifications

To clear all notifications from the Notification panel:

1. From the Home screen, touch and hold the Notification Bar until the pull-down displays, then drag down vertically.



2. Tap the **Clear** button.

The notifications are cleared and the panel closes.

Memory Card

Your device lets you use a microSD™ (SD) or microSDHC™ card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality. The device has a USB SD card mode.

Important! Your device supports SDHC cards up to 32GB capacity.

SD Card Overview

After mounting an SD card in the device you can use your computer to access and manage the SD card.

Important! If access to the external SD card is not available from your PC, download and install the USB drivers.

Mounting the SD Card

You must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

Important! You must disable USB storage to mount the SD card.

1. Insert the SD card into the external, SD card slot. For more information, refer to *“Installing and Removing the Memory*

Card” on page 5.

2. Your SD card is automatically mounted and scanned to see the available information on it.

Unmounting the SD card


Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

1. From the Home screen, tap  → **Settings** → **Storage**.
2. Tap **Unmount SD card**.

For more information, refer to “*Installing and Removing the Memory Card*” on page 5.

SD card Available Memory Status


To view the memory allocation for your external SD card:

1. From the Home screen, tap  → **Settings** → **Storage**.
2. The available memory displays under the **Total space** and **Available space** headings.


Erase All Files from the SD card

You can format the SD card to erase all files using the phone.

1. Ensure the SD card is mounted. For more information, refer to “*Mounting the SD Card*” on page 36.

1. From the Home screen, tap  → **Settings** → **Storage**.
2. Tap **Unmount SD card**.
3. Tap **Format SD card**.
4. At the **Format SD Card** confirmation prompt, tap **Format SD Card**.

Warning! Formatting erases all data stored on the SD card.


5. Tap **Erase everything** to format or press  to cancel.

Section 3: Call Functions



This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information, refer to “*Call Settings*” on page 97.

Displaying Your Phone Number





- ▶ Tap  → **Settings** → **About phone** → **Status**. Your phone number is displayed in the **My phone number** field.

Making a Call

1. From the Home screen, tap .
2. Use the on-screen keypad to enter the number you wish to dial.
3. Tap  to make the call.



Note: When you activate the **Auto redial** option in the Voice Call menu, the phone will automatically redial up to 10 times when the person does not answer the call or is already on the phone. For more information, refer to “*Call Settings*” on page 97.

Making an International Call


1. From the Home screen, tap .
2. Touch and hold . The + character appears.
3. Use the on-screen keypad to enter the country code, area code, and phone number.
 - If you make a mistake, tap  until the desired numbers have been deleted.
4. Tap  to make the call.

Manual Pause Dialing

To manually call a number with pause(s) without storing it in your Contacts list:

1. From the Home screen, tap .
2. Use the on-screen keypad to enter the phone number.
3. Press  to display the dialer sub-menu.
4. Tap **Add 2 sec pause** to add a two-second pause, and use the keypad to enter the additional numbers.



Tip: You can create pauses longer than two seconds by entering multiple 2 sec pauses.

5. Select **Add wait** to add a wait. A wait will pause the calling sequence until you enter a number or press a key.
6. Tap  to make the call.

For more information, refer to “Adding Pauses to Contact Numbers” on page 57.

Correcting an Entered Number

Use the following steps to correct a mis-typed entry when dialing.



- ▶ After entering a number using the keypad:
 - If you make a mistake, tap  to erase a single character.
 - Press and hold  to erase the entire string of numbers.

Ending a Call


- ▶ Tap the  key.

Dialing a Recent Number

All incoming, outgoing and missed calls are recorded in the **Call log**. If the number or caller is listed in your Address Book, the associated name also displayed.





1. From the Home screen, tap .
2. Tap **Logs** .


A list of recent calls is displayed.

3. Tap the desired Contact to enter the **Details** page, then tap  to make a call.

Making a Call Using Speed Dial

Once you have stored phone numbers to your Contacts List, you can set up to eight speed dial entries and then dial them easily at any time by touching the associated numeric key.

1. Tap  →  to display your Contacts List.
2. Press  to display the Contacts List sub-menu.
3. Tap **Speed dial setting**.
4. The **Speed dial setting** screen displays showing the numbers 2 through 9. The number 1 is reserved for Voicemail.
5. Tap an unused number and the **Contacts** screen displays.
6. Select a contact to assign to the number. The selected contact number will display in the speed dial number box.
7. To remove a speed dial number or change the order, press  to display the Speed Dial sub-menu.
8. Tap **Change order** or **Remove**.

- To make a call using Speed Dial, tap  → **Keypad** and from the Dialer, touch and hold the speed dial number.



Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Address Book**.

For further details about the **Address Book** feature, see “*Finding an Address Book Entry*” on page 58

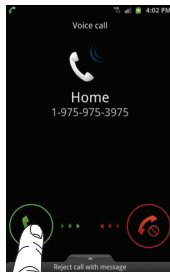
Answering a Call

When a call is received, the phone rings and displays the caller's phone number, or name if stored in the Address Book.

- At the incoming call screen:
 - Touch and drag  in any direction to answer the call.
 - Touch and drag  in any direction to reject the call and send it to your voicemail.
 - Touch and slide the **Reject call with message** tab upward and tap a predefined text message to send to the caller.
 - I am driving
 - I am at a movie
 - I am in class
 - I am in a meeting
 - Sorry, I am busy. Call back later

– or –

- Tap **Create new message** to compose a new message.



- Tap  to end the call.

Note: You can answer a call while using the Address Book or other menu feature. After ending the call, the phone returns to the previously active function screen.

Dialing Options



From the main Contacts page or from the Dialer, the following tabs are located at the top of your screen:

- **Keypad:** dials the current number entered using the on-screen keypad.
- **Logs:** displays a list of all dialed, received, and missed calls.
- **Contacts:** takes you to your Address Book where you can select a contact to call.
- **Favorites:** displays your contacts that you have marked as Favourites. Also displays frequently called numbers.
- **Groups:** displays the different groups that are set up on your phone. From this tab you can assign your contacts to default groups or create your own groups.

After you begin to enter numbers, the **Add to Contacts** option appears so you can save the Contact if needed.





Call Log

The phone stores the numbers of the calls you've dialed, received, or missed in the **Call log**. The Call log displays the details of the call.

1. From the Home screen, tap .
2. Tap **Logs** .

A list of recent calls is displayed. If the number or caller is listed in your Address Book, the associated name is displayed.

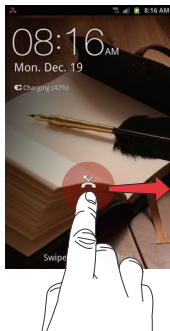
All calls made, received, and missed are listed. Types of calls are identified by the following icons:

- **Incoming Calls:** 
- **Outgoing Calls:** 
- **Missed Calls:** 
- **Rejected Calls:** 


Viewing Missed Calls from the Home Screen

The number of calls you have missed is displayed on the Home screen.

1. Drag the missed calls icon in any direction.





Note: If there is a voicemail sent by the same number, associated icons are displayed and can then be selected.


2. The Call log is displayed. Missed calls are identified by the  icon next to the number.

Calling Back a Missed Call



To call back a missed call number:

1. From the Home screen, tap .
2. Tap **Logs** .

A list of recent calls is displayed. If the number or caller is listed in your Address Book, the associated name is displayed.

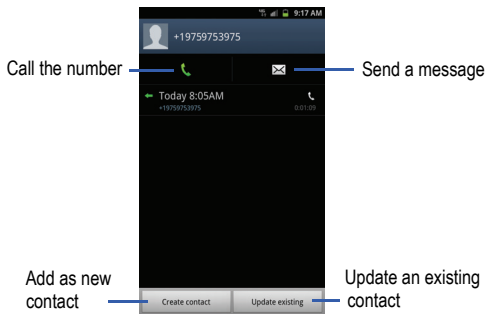
3. Tap the desired missed call. The call detail page is displayed.
4. Tap .

Saving a Recent Call to your Address Book

1. From the Home screen, tap .
 2. Tap **Logs** .
 3. Tap the call you want to save to your Address Book.
 4. The call detail page is displayed. Tap **Create contact** to add the call to your Address Book.
- The Create contact screen is displayed.

– or –

If you want to replace the number for an existing contact, tap **Update existing**.



5. Enter information into the various fields using the keypad.
6. Tap **Save** when you are finished.

Note: By default, your contacts are automatically saved to your phone. To change the location where your contacts are saved, from the main Contacts screen, press → **More** → **Settings** → **Save new contacts to**. Select **Always ask**, **Phone**, or an account.

For further details about the **Address Book** feature, see “*Adding a New Contact*” on page 55

Sending a Message to a Recent Call

1. From the Home screen, tap .

2. Tap **Logs** .

A list of recent calls is displayed.

3. Tap a call.

The call detail page is displayed.

4. Tap .

5. At the Message screen, tap the empty text field and use the on-screen keypad to type in a message.

6. When you are done with your message, tap **Send**.

For more information, refer to “*Creating and Sending Messages*” on page 81.

Deleting a Call from the Call Log

1. From the Home screen, tap .

2. Tap **Logs** .



A list of recent calls is displayed.

3. Touch and hold the call you want to delete from the Call log.




4. Tap **Delete**.


The call is deleted from the Call log.

Adding a Call to the Reject List

1. From the Home screen, tap .
2. Tap **Logs** .
A list of recent calls is displayed.
3. Touch and hold the call you want to add to the Reject List.
4. Tap **Add to reject list**.
Future calls from this number will be rejected and sent to your voicemail.

Call Duration

1. From the Home screen, tap .
2. Tap **Logs** .
3. Press  to display the Call log sub-menu.
4. Tap **Call duration**.
5. The following times are displayed for Voice:
 - **Last call**: shows the length of time for the last call.
 - **Dialed calls**: shows the total length of time for all calls made.
 - **Received calls**: shows the total length of time for all calls received.
 - **All calls**: shows the total length of time for all calls made and received.

6. You may reset these times to zero by pressing  then tapping **Reset**.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the earpiece volume, use the **Volume** keys on the left side of the phone.


- ▶ Press the **Up** volume key to increase the volume level and press the **Down** volume key to decrease the volume level.

From the Home screen, you can also adjust the ringer volume using these same keys.

In-Call Options


During an active call there are several functions available by tapping a corresponding on-screen button.

- **Hold**: place the current active call on hold.
- **Add call**: displays the dialer so you can call another person.
- **Keypad**: displays the on-screen keypad, where you can enter number using DTMF (Dual Tone Multi-Frequency).
- **End call**: terminates the call.




- **Speaker:** routes the phone's audio through either the speaker or through the earpiece.
 - Tap **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line will appear under the Speaker button.
 - Tap **Speaker** again to use the phone's earpiece (see *“Using the Speakerphone During an Active Call”* on page 47). The green line will turn grey when Speaker is not activated.
- **Mute:** turn the onboard microphone either on or off.
 - Tap **Mute** during a call to mute the microphone. A green line will appear under the Mute button.
 - Tap **Mute** again to unmute the microphone. The green line will turn grey when Mute is not activated.
- **Headset:** connects to a Bluetooth headset.
 - Tap **Headset** during a call to activate a Bluetooth headset. A green line will appear under the Headset button.
 - Tap **Headset** again to de-activate the Bluetooth headset. The green line will turn grey when the Headset is not activated.
- Press  for more options:
 - **Contacts:** allows you to go to your Contact list.
 - **Memo:** allows you to jot down a memo during a call.
 - **Noise suppression on/off:** allows you to turn on the Noise Suppression feature when you are in a noisy area. Turn it Off when not needed to conserve battery power.

Placing a Call on Hold

You can place the current call on hold at any point during a conversation. You can also make another call while you have a call in progress if your network supports this service.

1. While on a call, tap **Hold** . This action places the current caller on hold (which is displayed on-screen as a greyed-out box).
2. You can later reactivate this call by tapping **Unhold**.

To make a new call while you have a call in progress

1. Tap **Hold** .
2. Tap **Add call**  to display the dialer.
3. Enter the new number and tap .


Once connected, the active call will appear in a large box at the top of your screen and the call on hold will appear in a small box below.

Switching Between Calls



When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

1. Tap **Swap**.


The current call (caller #2) is placed on hold and the previous call on hold (caller #1) is then reactivated so that you can continue conversing with that person. The active call will appear in a green box.

2. Tap  to end the currently active call.


To end a specific call


1. Tap **Swap** until the call you want to end appears in the box at the top of the screen.
2. Tap  to end the specific call.
3. Tap  to end the remaining call.

To answer a call while you have a call in progress

1. Touch and drag  in any direction to answer another call. The first call is automatically put on hold.
2. To switch between the two calls, tap **Swap**.
 - **Swap**: Places the current call on hold and then activates the previous call. The active call will appear in the box at the top of the screen. Tap **Swap** again to switch back.

To end a call on hold

1. Tap  to disconnect the active call.



2. The call on hold becomes the active call. Tap  to end the call.

3-Way Calling (Multi-Party Calling)

The 3-Way or Multi-Party feature allows you to answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together. You are notified of an incoming call by a call waiting tone.

Note: The **Merge** option combines all of the calls you have established with your phone (both active and on hold). **Swap** places the current call on hold and then activates the previous call.

This feature joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.


1. Touch and drag  in any direction to answer the call.
2. Touch and drag  in any direction to answer the next call. The first call is automatically put on hold.
3. Join the first two callers into a single multi-party call by tapping **Merge**.
4. To temporarily leave the conference call, tap **Hold**. To rejoin the conference call tap **Unhold**.

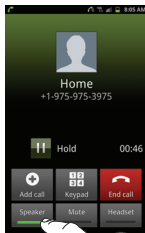
5. Tap  to end the call.


Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

1. Tap **Speaker** .

The **Speaker** button now appears as  and the speakerphone is activated.



2. Use the **Volume** keys (located on the left side of your phone) to adjust the volume.
3. To deactivate the speakerphone, tap **Speaker** .


Switching off the Microphone (Mute)


You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You wish to say something to person in the room, but do not want the person on the phone to hear you.

To mute your phone during a call

1. Tap **Mute** .


The **Mute** button now appears as  and Mute is activated.


2. Tap **Mute**  to deactivate the Mute function and reactivate the microphone.

Bluetooth headset


1. Tap **Headset** .

2. The phone will scan for your Bluetooth headset and, when found, connect to the headset.

The **Headset** button now appears as  and the Bluetooth headset is activated.

3. Tap **Headset**  to deactivate the Bluetooth headset and reactivate the phone speaker.


Searching for a Number in Address Book

1. During the active call, press  then tap **Contacts**
2. Tap the Address Book entry.

For further details about the **Address Book** feature, see “*Finding an Address Book Entry*” on page 58

Call Waiting

The Call Waiting feature allows you to answer an incoming call while you have a call in progress, if this service is supported by the network, and you must first activate the Call Waiting feature:

- ▶ Tap  → **Settings** → **Call** → **Additional settings** → **Call waiting**.

A checkmark will appear in the box when activated. You are notified of an incoming call by a call waiting tone.

Section 4: Entering Text

This section describes how to select the desired text input method when entering characters into your phone. It also describes the predictive text entry system that reduces the number of keystrokes associated with entering text.

Your phone includes an orientation detector that can tell if the phone is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Text Input Methods

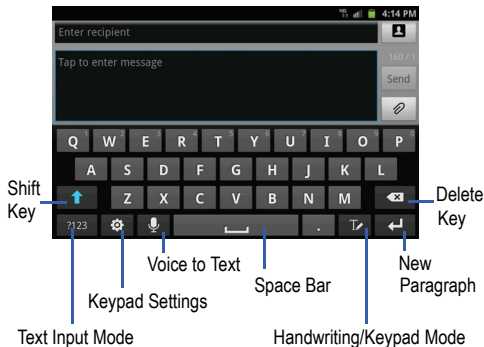
There are three text input methods available:

- **Samsung Keypad (default):** Samsung's on-screen QWERTY keypad that can be used in both portrait and landscape orientation.
- **Swype:** a new way to enter text on touch screens. Instead of tapping each key, use your finger to trace over each letter of a word.
- **Handwriting mode:** input text characters by writing on the screen.

To change the input method, see *"Select Input Method"* on page 111.

Entering Text Using the Samsung Keypad

From a screen where you can enter text, rotate your phone counterclockwise to a Landscape orientation. The on-screen QWERTY keypad will display.



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.

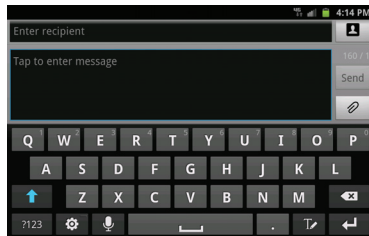
ABC

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 **Sym** button will appear. When in **Sym** mode, the **Abc/ABC/abc** button will appear.

Using Abc Mode

1. If desired, rotate your phone counterclockwise to a Landscape orientation.
2. When you tap an entry field, the following screen displays:

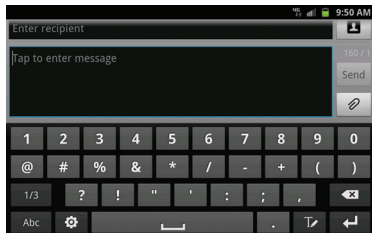


3. Tap the desired alphabetic characters.
4. The screen initially opens in **Abc** mode. After typing the first letter, the shift key (⬆) will change to ⬆ and following letters will be lowercase.
5. Tap ⬆ to input another upper-case letter or tap ⬆ twice to switch to **ABC** mode. The shift key will change to ⬆ in **ABC** mode. All following letters will be uppercase until you tap the shift key again.

Using Symbol/Numeric Mode

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

1. Rotate your phone counterclockwise to a Landscape orientation.
2. Tap **?123** at the bottom of the screen. The following screen displays:



3. Tap the desired number, symbol, or emoticon characters.
4. Tap the **1/3** button to access additional symbols.
5. Tap **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.

Note: XT9 is only available when ABC mode is selected. XT9 advanced settings are available only if the XT9 field has been selected.

To enable XT9:

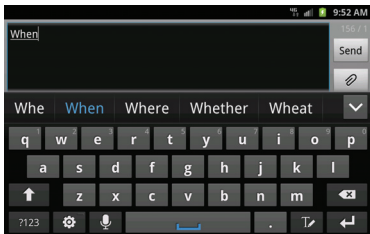
1. Tap **☐** → **Settings** → **Language and keyboard** → **Samsung keyboard**.

2. Tap the **XT9** field. A checkmark indicates activation.
– or –

1. From within an active text entry screen, tap **⚙️** at the bottom of the screen to access the **Samsung keyboard settings** screen.
2. Tap the **XT9** field. A checkmark indicates activation.

Using XT9:

1. In the text portion of the message screen, begin typing a word. A list of word options is displayed. Tap one of the words to replace the word that has already been typed or scroll the line of words to the left for more word choices.



2. Continue typing your message. Tap Send to send the message or press  for more options.

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

Setting the XT9 Options

For information on changing XT9 Advanced settings, see “XT9 Advanced Settings” on page 113.

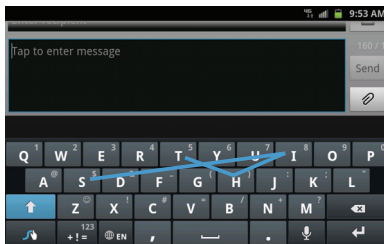
Samsung Keypad Settings

For information on changing Samsung Keypad settings, see “Samsung Keyboard settings” on page 112.

Entering Text Using Swype

Swype™ is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a tapping predictive text system.

The following 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”. Lift your finger to enter the word.



Enabling and Configuring Swype

The Samsung Keyboard is the default text input method, so to use Swype, you must first change the default keyboard setting.

To enable Swype:

1. While composing a message, touch and hold anywhere on the message screen.
2. Tap **Input method**.
3. Tap the **Swype** option. A green circle should appear next to **Swype**.

Swype Settings

For information on how you can configure your Swype settings, see “Swype Settings” on page 111.

Swype Text Entry Tips

You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

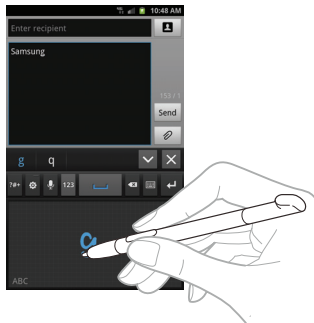
- Create a squiggle (like an S shape) to create a double letter (such as pp in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- Move your finger or stylus over the “.” key to enter the apostrophe in contractions.
- Double-tap on the word you want to change to correct a misspelled word, then tap the delete key to erase one character. Touch and hold the delete key to erase an entire word.


Using Handwriting Mode


From the Samsung keypad, you can switch to Handwriting mode to enter text using the pen. To switch to Handwriting mode, select



Write your text on the handwriting panel.




You can use a variety of gestures in Handwriting mode to edit text. For more information about gestures, select  → **Handwriting settings** → **Gesture guide**.

To switch to the Samsung keypad, select .

Using the Voice to Text Feature

You can use your voice to enter text using the Voice to Text feature.

1. From any messaging screen, tap .
2. At the **Speak now** prompt, speak clearly and distinctly into the microphone.
3. **Working...** is displayed while the software is converting your voice to text.
4. The text is displayed in the message.

Note: The feature works best when you break your message down into smaller segments.




Section 5: Contacts and Your Address Book


This section allows you to manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

Adding a New Contact


Use the following procedure to add a new contact to your Address Book.



Saving a Number from the Home screen

1. From the Home screen, tap Tap  → **Contacts**  →  .
2. If a default storage location has not been assigned, the Save contact to screen appears. Tap a storage location for the contact.
3. To assign a picture to the new entry, tap the image icon and choose one of the options:
 - **Album** to retrieve a previously stored image from your Pictures folder and assign it to this entry. Tap an image to assign the image to the contact, then tap **Save**.
 - **Take photo** to use the camera to take a new picture and assign it to this entry.
 - **S Memo** to use an image from S Memo.

- **Remove icon** although not an option with a new entry, deletes any previously assigned image on an existing contact.
4. Tap the **Given name** and **Family name** fields and use the on-screen keypad to enter names for each entry. For more information, refer to “*Entering Text*” on page 49.
 5. Tap  next to the **Family name** field to display additional name fields.
 6. Tap the **Phone number** field.

The numerical keypad is displayed.


The **Mobile** button  initially displays next to the **Phone** field. If you want to add a phone number that is not a mobile number, tap the **Mobile** button and select from Mobile, Home, Work, Work Fax, Home Fax, Pager, Other, Custom (add your own label), or Callback.

7. Enter the phone number.
Tap  to add another Phone number field or tap  to delete a field.



8. Tap the **Internet call** field and use the keypad to enter an internet address.

9. Tap the **Email address** field.

The keypad is displayed.


The **Work** button  initially displays next to the **Email address** field. If you want to add an Email address that is not a Home email address, tap the **Work** button and select from Work, Home, Mobile, Other, or Custom (add your own label).

10. Enter the Email address.



Tap  to add another Email address field or tap  to delete a field.

11. Tap the **Instant Msg.** field.


The QWERTY keypad is displayed.

The **Google Talk** button  initially displays next to the **Instant msg** field. If you want to add an instant message address that is not **Google Talk**, tap the **Google Talk** button and select from Google Talk, AIM, Windows Live, Yahoo!, Skype, QQ, ICQ, Jabber, or Custom (add your own label).


12. Enter the IM address.

Tap  to add another Instant msg address field or tap  to delete a field.

13. Tap any of the following headings to add additional information about your new contact:

- **Groups**: assign the contact to a group.
- **Ringtone**: adds a field used to assign a message tone that will sound when messages are received from this contact. Choose between Default ringtone, Select sound from My Files, or Phone ringtone.
- **Postal address**: adds a field used to assign a physical postal address for this entry.
- **Organization**: adds an organization field for this entry.
- **More**: Tap  to add the following fields:
 - **Notes**: adds a field that allows you to jot down notes.
 - **Nickname**: adds a field that can be used to enter a nickname for the entry. The Nickname is not displayed when calls are made to or received from the contact.
 - **Website**: adds a field for the contact's Web site URL.
 - **Birthday**: adds a field for the contact's birthday.
 - **Anniversary**: adds a field for the contact's anniversary.





14. Tap **Save** to save the new contact.

Note: By default, your contacts are automatically saved to your phone. To change where your contacts are saved to, from the main Contacts screen, press  → **More** → **Settings** → **Save new contacts to**. Select **Always ask**, **Phone** or **Account**.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses and waits. A pause will stop the calling sequence for two seconds and a wait will pause the calling sequence until you enter a number or press a key.






To add a pause or a wait to a Contact:

1. From the Home screen, tap  → **Contacts** , and then tap the name or number to open the Contact.
2. Tap  and select **Edit**.
3. Tap the phone number field.
4. Tap the screen at the position where the pause or wait needs to be added.
5. Tap .

6. Tap **Pause** to add a two-second pause or tap **Wait** to add a wait, and use the keypad to enter the additional numbers. A pause will be displayed as a comma (,) and a wait will be displayed as a semi-colon (;).
7. Tap **Save** to store your changes.

Editing an Existing Contact

When editing an existing contact, you can tap a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. From the Home screen, tap  → **Contacts** . Tap the Contact that you want to edit.
2. Tap  and select **Edit**.
3. Tap  to add a new field and tap  to delete a field.
4. Tap any of the fields to add, change, or delete information.
5. Tap **Save** to save the edited information.



Using Contacts

Dialing or Messaging from Address Book

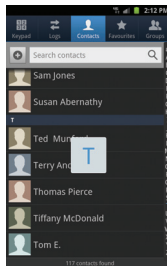
Once you have stored phone numbers in the Address Book, you can dial them easily and quickly by using the Search field to locate the entry. You can also send messages.

Finding an Address Book Entry

You can store phone numbers and their corresponding names to your phone's onboard memory or to an online account. These locations are physically separate but are used as a single entity, called the Address Book.

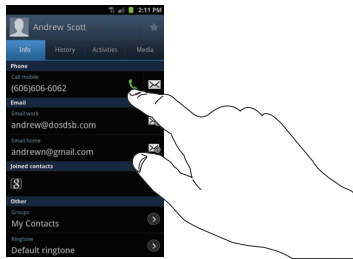
1. From the Home screen, tap  → **Contacts** .

2. Within the Contacts list (sorted alphabetically), tap a letter on the right side of the display to quickly jump to the contacts beginning with that letter.



3. Tap the contact you wish to call or message.

4. Tap the phone icon to make a phone call or tap the message icon to send a message.



For more information, refer to “*Creating and Sending Messages*” on page 81.

Tip: From the Contact list, sweep right over a listing to make a call. Sweep left over a listing to send a message.

Joining Contacts

Joining Contact Information

Many people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a




corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts such as Facebook, Twitter, MySpace, Corporate email, and Google. When you synchronize your phone with these accounts, each account creates a separate contact entry in the Contacts list.

If one of your contacts (Amy Smith, for example) has a regular email account that you maintain in Gmail, but also has a Facebook account under her maiden and married name, as well as a Yahoo! chat account, when you merge these accounts into your Contacts list you can join all of her entries and view the information in one record.

The next time you synchronize your phone with your accounts, any updates that contacts make to email account names, email addresses, etc. automatically update in your contacts list.

For more information about synchronizing accounts, see “*Synchronizing Contacts*” on page 60.

1. From the Home screen, tap  → **Contacts** .
2. Tap a contact name (the name you want to join to another entry). **Note:** typically this is the same contact with a different name or account information.
3. Press  → **Join contact**.




The contact list is displayed.

4. Tap the second contact entry (the entry in which to join).
The second contact is now joined with the first and the account information is merged into one screen.

Note: The information is still maintained in both entries, but displays in one record for easier viewing when you join the contacts.




5. Tap the **joined contacts** bar to view the contact information you joined. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unjoining a Contact

1. From the Home screen, tap  → **Contacts** .
2. Tap a contact name (the account name from which you want to unlink an entry). **Note:** typically this is the same contact with a different name or account information.
3. Tap the **joined contacts** bar.
4. Tap the minus sign  next to entry in which you want to unjoin. The contact is now separated and no longer displays in the merged record screen.

Marking a Contact as Default

When you use messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different contact records for John Smith, so the application will be looking for the “default” number or entry.




1. From the Home screen, tap  → **Contacts** .
2. Tap a Contact name.
3. Press  → **Mark as default**. The Mark as default screen displays radio buttons next to the contact name, phone number, or other contact information.
4. Tap the radio button next to the entry information you want to be the primary information (such as name, phone number, or email) and select **Save**.

Synchronizing Contacts

Syncing data from your managed accounts allows you to manage new and existing contact information between your online or remote accounts and your phone. Prior to syncing, you must first have an active Google or Microsoft Exchange account, current Contact entries, and be signed into your account via the phone.

With syncing, any Contacts entries (with phone numbers, email addresses, pictures, etc.) are updated and synced between the

account and your phone. For more information, refer to “Accounts and Sync” on page 108.

1. From the Home screen, tap  → **Contacts** .
2. Press  then tap **More** → **Accounts**.
3. Determine which type of account information you want to synchronize with your Contact list. Selections are:
 - **Background data:** (applications that sync, send, and receive data any time).
 - **Auto-sync:** allows applications to automatically synchronize.
4. Tap **Add account**.
5. Tap an account type to add.
6. Follow the on-screen instructions. The selected account type synchronizes with your Contacts list. For more information, refer to “Synchronizing Contacts” on page 60.

Address Book Options

You can access Address Book options while at the main Address Book page or while in the details page for a specific entry.

Options in Address Book



1. From the Home screen, tap  → **Contacts**  then press .

2. The following options display:

- **Delete:** allows you to delete 1 or more of your contacts.
- **Speed dial setting:** allows you to set up speed-dialing. For more information, refer to “Making a Call Using Speed Dial” on page 39.
- **My profile:** allows you to set up a profile for yourself. The information will be the same that you can add for a new contact. For more information, refer to “Adding a New Contact” on page 55.
- **Sync contacts:** syncs contact information between your online or remote accounts and your phone.
- **Merge with Google:** allows you to merge your contacts together with your Google account contacts.
- **More:** the following additional options are displayed:
 - **Import/Export:** allows you to move contacts to or from your memory card. You can also send a namecard via Bluetooth, Email, Gmail, or Messaging.
 - **View Friends:** allows you to get contacts from your friends on your messaging accounts. Tap Add account and then follow the on-screen instructions.
 - **Accounts:** allows you to add and manage mobile accounts on Facebook, LinkedIn, Server, Microsoft Exchange ActiveSync, or Google. Tap Add account and then follow the on-screen instructions.
 - **Send email:** allows you to send an email using Email or Gmail.
 - **Send message:** allows you to send a text or picture message.

- **Display options:** You can choose to only display contacts that have phone numbers, sort by given or family name, display contacts by given name first or family name first, display contacts stored on your phone, and/or display contacts stored to other accounts. Tap a selection and tap Done.
- **Settings:** allows you to choose where to save your new contacts, display or edit your service numbers, or send contact information by Bluetooth.



Options at Selected Contact Screen

1. From the Home screen, tap  → **Contacts** .
2. Touch and hold a contact.
3. The following options display depending on whether your contact is saved to your phone or your SIM card:
 - **Edit:** allows you to edit the selected contact's information.
 - **Delete:** allows you to delete the contact from your Address Book.
 - **Join contact:** allows you to join contacts with other contacts (only displays when contact is saved to SIM).
 - **Send contact information:** lets you send the contact information in a message.
 - **Add to Favorites:** allows you to add the contact to your favorites list.
 - **Add to group:** allows you to add the contact to a pre-defined group such as Family, Friends, or Work. see *“Adding an Entry to a Group”* on page 62.





- **Add to reject list:** allows you to add this contact to your reject list. If they call, the call will be sent directly to voice mail. For more information, refer to *“Adding a Call to the Reject List”* on page 44.
- **Send namecard via:** allows you to send the contact's information via Bluetooth, Email, Gmail, or Messaging.
- **Print namecard:** lets you print the contact information on a Samsung printer.

Groups

Adding an Entry to a Group





1. From the Home screen, tap  → **Contacts** .
2. Press and hold the contact name that you want to add to a group.
3. Tap **Add to group**.
4. Tap a group entry.
The contact is added to the group.

Removing an Entry From a Group

1. From the Home screen, tap  → **Contacts**  → **Groups** .
2. Tap a group entry.
3. Press  → **Remove member**.





4. Tap all of the contacts you want to remove from this group. A green checkmark will appear next to their name.
5. Tap **Remove**.
The contacts are now removed from the group.

Creating a New Group

1. From the Home screen, tap  → **Contacts**  → **Groups**  →  → **Create**.
2. Tap the **Group name** field and use the on-screen keypad to enter a new group name. For more information, refer to “Entering Text” on page 49.
3. Tap **Ringtone** to choose an audio file for assignment to this new group. Choose from **Default ringtone**, **Select sound from My Files**, or **Phone ringtone**.
 - Tap a music file to play a short sample and then tap **OK** to complete the assignment.
4. Tap **Add member** to add contacts to the new group.
5. Tap **Save** to store the new Group category.

Editing a Caller Group




To edit a Group entry, there must be at least one member as part of the selected group.

1. From the Home screen, tap  → **Contacts**  → **Groups**  .
2. Tap a group entry.
3. Press  → **Edit group**.
4. Make modifications to the **Group Name** or **Ringtone** fields.
5. Tap **Add member** to add more contacts to this group.
6. Tap **Save** to save your changes.


Address Book Favorites

Once you have stored phone numbers in the Address Book, you can add them to your Favourites list.

To view your Favourites list:



1. From the Home screen, tap  → **Contacts**  → **Favorites**  .

Adding Favorites to your Address Book

1. From the Home screen, tap  → **Contacts**  .
2. Within the Contacts list, touch and hold a contact that you want to add to your favourites list.
3. Tap **Add to favorites** on the displayed list.

4. A gold star will appear next to the contact in the Address Book.

Removing Favourites from your Address Book



1. From the Home screen, tap  → **Contacts** .
2. Within the Contacts list, touch and hold a contact that you want to remove from your favourites list. Contacts in your Favourites list will have a gold star.
3. Tap **Remove from Favorites** on the displayed list.
4. The gold star will no longer appear next to the contact in the Address Book.

Managing Address Book Entries

You can copy, delete, and view the memory status for the contact entries on your phone.

Deleting Address Book Entries



You can delete Phone or SIM entries from your phone's memory.

1. From the Home screen, tap  → **Contacts** .
2. Within the Contacts list, touch and hold a contact that you want to delete.
3. Tap **Delete** on the displayed list.

4. At the **Delete** prompt, tap **OK** to delete the contact or **Cancel** to exit.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

1. From the Home screen, tap **Contacts**  →  → **More** → **Settings**.
2. Tap **Service numbers**.
3. Scroll through the available numbers and tap a number to make a call.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.



Section 6: Multimedia

This section explains how to use the multimedia features of your phone, including Music Player, Video Player, Gallery, Camera, and Camcorder.

Music player

The music player is an application that can play music files. The music player supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launching the music player allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

1. Tap  → **Music player** .
2. Read the Music Player tips and tap **Done** when you are finished. Tap the **Do not show again** field if you don't want to see the tips again.
3. Tap a library category at the top of the screen (All, Playlists, Albums, Artists, or Folders) to view the available music files.
4. Scroll through the list of songs and tap an entry to begin playback.

5. The following controls are available:



Pause the song.



Start the song after being paused.



Press and hold to rewind the song. Tap to go to previous song.



Press and hold to fast-forward the song. Tap to go to the next song.



Volume control.



Repeat one: repeats the currently playing song.



Repeat all: replays the current list when it ends.



Play All: plays the current song list once.



Shuffle On: the current list of songs is randomly shuffled for playback.



Shuffle Off: songs play in order and are not shuffled.



Allows you to listen to music using 5.1 Virtual Surround Sound.




Displays your list of songs.

Note: The 5.1 channel sound effect works in earphone mode only.




Music Player Options

To access additional options, follow these steps:

1. While in Music player, press .
2. The follow options are available:
 - **Add to quick list:** adds the current music file to the Quick list.
 - **Via Bluetooth:** scans for devices and pairs with a Bluetooth headset.
 - **Share music via:** allows you to share your music by using AllShare, Bluetooth, Email, Gmail, Messaging, or Wi-Fi.
 - **Set as:** allows you to set the music as Phone ringtone, Caller ringtone, or Alarm tone.
 - **Add to playlist:** allows you to add the current music file to a selected playlist.
 - **More:**
 - **Settings:** allows you to change your music player settings. For more information, refer to “*Music player settings*” on page 66.
 - **Details:** allows you to view media info such as Artist, Title, Album, Track Length, Genre, Recording date, etc.

Music player settings

The Settings menu allows you to set preferences for the music player such as whether you want the music to play in the background, sound effects, and how the music menu displays.




1. From the Home screen, tap  → **Music player** .
2. Press  → **Settings**.
3. Select one of the following settings:
 - **Equalizer:** set a type of equalization. Selections are: Auto, Normal, Pop, Rock, Jazz, Dance, Classic, Live, or Custom.
 - **Sound effect:** configure the music effects. Selections are: Normal, Wide, Concert hall, Music clarity, Bass enhancement, or Externalization.
 - **Music menu:** this menu allows you to select which library categories you want to display. Choices are: Albums, Artists, Genres, Folders, Composers, Years, Most played, Recently played, or Recently added. Tap each item that you want to display in the Music menu.
 - **Lyrics:** when activated, the lyrics of the song are displayed if available.
 - **Music auto off:** when activated, music will automatically turn off after a set interval.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These



Playlists can be created via either the handset's Music player options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the handset.

Creating a Playlist

1. From the Home screen, tap  → **Music player** .
2. Tap the **Playlists** tab.
3. Press  → **Create**.
4. Type a name for this playlist in the field and tap **Save**.



Adding Music to a Playlist


To add files to the playlist:

1. From the Home screen, tap  → **Music player** .
2. Tap the **Playlists** tab.
3. Tap the playlist name in which to add music.
4. Tap **Add music**.
5. Tap a music file, or tap **Select all** to add all the music tracks to this playlist then tap **Add**.

Removing Music from a Playlist

To remove music files from a playlist:




1. From the Home screen, tap  → **Music player** .

2. Tap the **Playlists** tab.
3. Tap the playlist name in which to delete music.
4. Press  → **Remove**.
5. Tap the checkbox to the right of each track you want to remove from this playlist, or tap **Select all** to remove all the music tracks from this playlist, then tap **Remove**.

Editing a Playlist Title

Besides adding and removing music files in a playlist, you can also rename the playlist.










To edit a playlist:

1. From the Home screen, tap  → **Music player** .
2. Tap **Playlists**.
3. Press  → **Edit title**.
4. Tap a playlist name to edit.
5. Enter a new name for the playlist then tap **Save**.

For information on downloading music for your phone, see "Market" on page 143.

Videos

The Videos application plays video files stored on your microSD card.

1. Tap  → **Videos** .
2. All videos that you have on your memory card will be displayed. Tap the video that you want to play.
3. The video will begin to play.
4. The following video controls are available:
 -  Pause the video.
 -  Start the video after being paused.
 -  Press and hold to rewind the video. Tap to go to previous video.
 -  Press and hold to fast-forward the video. Tap to go to next video.
 -  Volume control.
 -  Original size view. The video will be played in its original size.
 -  Full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.



Full-screen view. The entire screen is used, which may cause some minor distortion.



Allows you to listen to music using 5.1 Virtual Surround Sound.

Note: The screen view icons are a three-way toggle. The icon that is displayed is the mode that will appear after the icon is tapped.

Note: The 5.1 channel sound effect works when using headphones only.

For more information on downloading videos for your phone, see “Market” on page 143.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message.

1. Tap  → **Gallery** .

All of the Albums that hold your pictures, videos, and screen captures will be displayed with folder name and number of files.

2. Tap an Album and thumbnails of the contents will be displayed.

Note: If your device indicates that the memory is full when you access Gallery, delete some of the files by using **My files** or other file management applications and try again. For more information, refer to “*My Files*” on page 145.

Viewing Pictures

1. Tap a thumbnail to view the picture.

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

2. The following options are available:
 - **Send via:** allows you to send the picture via Bluetooth, Email, Gmail, Messaging, or Wi-Fi.
 - **Delete:** allows you to delete the picture. Tap **Confirm deletions** and the picture will be deleted.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

1. Touch and hold a video to select it. A checkmark will appear on the thumbnail.

2. The following options are available:
 - **Send via:** allows you to share the video via Bluetooth, Email, Gmail, Messaging, or Wi-Fi
 - **Delete:** allows you to delete the video. Tap **Confirm deletions** and the video will be deleted.
 - **More:** displays the following additional options:
 - **Share via:** allows you to share a video via YouTube.
 - **Play via:** allows you to play a video via AllShare.
 - **Rename:** allows you to rename a video.
 - **Details:** provides details about the picture such as Title, Type, Date taken, Album, Location, Latitude and Longitude (GPS coordinates), Size, Resolution, Duration, and File location.
3. Tap a thumbnail to play the video.

For video player controls, see “*Videos*” on page 68.

Camera




This section explains how to use the camera on your phone. You can take photographs and shoot video by using the built-in camera functionality. Your 8 megapixel camera produces photos in JPEG format.


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.

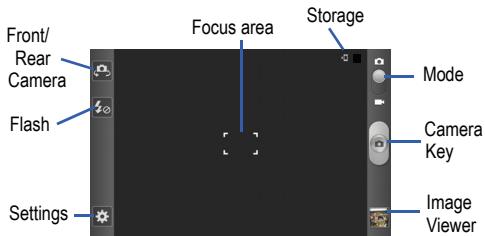
Using the Camera


Taking Photos

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

1. Tap  → **Camera**  to activate the camera mode.
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a picture, you can use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the picture up to x4 (400 percent).
4. Before you take a picture, you can tap on-screen icons to access various camera options and settings.
5. You can also tap the screen to move the focus to the area you touch.
6. Press the Camera key () until the shutter sounds. (The picture is automatically stored within your designated storage location. If no microSD card is installed, all pictures are stored on the Phone.) For more information, refer to "Camera Options" on page 71.

Note: To enable the GPS icon, from the Camera screen tap  **Settings** → **GPS tag** → **On**.



7. To view a picture, tap the Image Viewer.
8. While viewing a picture, double-tap the screen to zoom in or out.
– or –
Pinch the screen inwards to zoom out or pinch it outwards to zoom in.
9. Press  to return to the viewfinder.

Camera Options

Options are represented by icons across both sides of the screen.

Note: The options disappear after a few seconds. Tap the screen to make them reappear.



Camera / Camcorder Mode: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Slide the button up for Camera, or down for Camcorder.



Self portrait: switches to the front camera so you can take pictures of yourself or video chat.



Flash: allows you to set the flash options to Off, On, or Auto flash.



Settings:

Edit shortcuts: allows you to display the shortcut icons for the settings that you use the most.

Self-portrait: switches to the front camera so you can take pictures of yourself or video chat.

Flash: allows you to set the flash options to Off, On, or Auto flash.

Shooting mode: allows you to set the shooting mode. Options are:

- **Single shot:** takes a single photo and view it before returning to the shooting mode.
- **Smile shot:** the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
- **Beauty:** adjusts the contrast to smooth facial features.
- **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.
- **Share shot:** allows you to send a picture via Wi-Fi after taking it.
- **Action shot:** detects action and creates a panorama of the moving object.
- **Cartoon:** gives your photo a cartoon look.



Scene mode: automatically sets the camera settings to help take the best picture possible for various types of scenes. Options include None, Portrait, Landscape, Night, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall color, Firework, Text, Candlelight, and Backlight. Helpful tips are shown for each scene mode at the bottom of the display screen.

Exposure value: allows you to adjust the brightness level by moving the slider.

Focus mode: allows you to set this option to Auto focus, Macro, or Face detection. Use Macro mode to take close-up pictures. Face detection causes the camera to automatically recognize if there is a face in the shot and optimize the focus and exposure for the face. Use Auto focus for all others.

Timer: allows you to set a time delay before taking a picture after tapping the Camera key. Options include: Off, 2 sec, 5 sec, and 10 sec.

Effects: allows you to change the color tone or apply special effects to the photo. Options include: None, Negative, Grayscale, and Sepia.

Resolution: allows you to set the image size to either: 8M (3264x2448), W6.5M (3264x1968), 3.2M (2048x1536), W2.4M (2048x1232), W0.4M (800x480), or 0.3M (640x480).

White balance: allows you to correct the image for the following types of light sources: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.

ISO: ISO determines how sensitive the light meter is on your digital camera. Choose from Auto, 100, 200, 400, or 800. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots

Metering: allows you to set how the camera measures or meters the light source: Centre-weighted, Spot, or Matrix (averages all areas of the image).

Anti-Shake: reduces image blur due to hand movement.

Auto contrast: Automatically adjusts the contrast level to provide a clear image under various types of lighting, including backlighting circumstances where intensity of illumination can vary excessively.



Blink detection: detects the blinking of human eyes and gives you a warning.

Guidelines: allows you to turn the screen guidelines On or Off.

Image quality: allows you to set the image quality to Superfine, Fine, or Normal.

GPS tag: allows you to turn GPS On or Off (also known as Geotagging). The location where the picture is taken is embedded in the file. (Only available in Camera mode.)

Shutter sound: allows you to set the Shutter sound to On or Off.

Save as flipped: corrects the orientation of images taken by the forward-facing camera. The images are flipped horizontally when saving.

Storage: allows you to configure the default storage location for images or videos as either Phone or Memory card (if inserted).

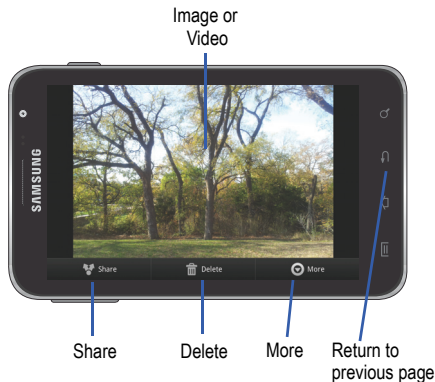
Reset: allows you to reset all camera or camcorder settings to the default values.




Image viewer: allows you to access the Image viewer and the various viewing options for a selected picture. Image viewer options are described in the following section. The last picture you took, will be displayed as a thumbnail in the Image viewer icon.

Pictures and Videos Image Viewer Options

After you take a photo or shoot a video, you can access various options from the Pictures and Videos Image Viewer.






Available options are:

- **Play**  (video only): allows you to play a video
- **Share**: offers several ways to share your picture or video. Options are: AllShare, Bluetooth, Email, Gmail, Messaging, Photo editor (picture only), Picasa (picture only), S Memo (picture only), Social Hub (picture only), Wi-Fi, and YouTube (video only).
- **Delete**: allows you to delete the current picture. Tap **OK** to delete or **Cancel**.
- **More**: allows you to do the following:
 - **Set as** (picture only): allows you to assign the current image as either your current Wallpaper or as a Contact icon to display for a specific entry within your Address Book.
 - **Play** (video only): allows you to play a video.
 - **Rename**: allows you to rename a picture or video.
- **Return to previous page** (): takes you back to the previously active camera page where you can take another photo or shoot a new video.

Accessing Pictures

When you take a picture, the file is saved in the Camera folder. You can view your pictures immediately or view them anytime in the Camera folder.

1. From the Home screen, tap  → **My files**  → **DCIM** → **Camera** (or **My files**  → **external_sd** → **DCIM** → **Camera** if the picture is stored on an external microSD

card).

2. Tap a photo file to open it in the Image viewer.
3. Sweep the screen to the left to see the next picture or to the right to see the previous picture.

Before you select a picture, press  in the Camera folder to see the following options:




- **Share**: lets you share selected pictures with AllShare, Bluetooth, Email, Gmail, Messaging, My tag, Photo editor, Picasa, S Memo, Social Hub, Wi-Fi, or YouTube.
- **Create folder**: create a new sub-folder in the current folder. Can be on either the Phone or Memory Card.
- **Delete**: allows you to delete selected pictures. Tap the checkmark, to turn it green, next to any file or folder you want to delete, then tap Delete.
- **View by**: allows you to view the contents of the current folder as a list, as a list and details, or as thumbnails.
- **List by**: allows you to view the contents of the current folder sorted by Time, Type, Name, or Size.
- **More**: provides you with additional options:
 - **Move**: allows you to move one or more pictures to a different folder.
 - **Copy**: allows you to copy one or more pictures to a different folder.
 - **Rename**: allows you to rename one or more picture files.
 - **Settings**: lets you set several general folder options:

- **Show hidden files:** causes files and folders that would normally be hidden to be displayed.
- **Show file extension:** causes file extensions to be displayed. For example, jpg.
- **Set Home directory:** allows you to choose and set the Home directory.

Selecting and Using the Pictures

From the Image viewer, you have access to both macro functions (zoom, crop, and rotate) and menu options. For more information, refer to “*Pictures and Videos Image Viewer Options*” on page 73.

Assigning an Image to an Address Book Entry



1. From the Home screen, tap  → **My files**  → **DCIM** → **Camera** → <image>.
2. Press  → **Set as** → **Contact icon**. Tap a contact entry.
3. Touch and drag the orange crop box anywhere on the picture.
4. Tap **Save**.

For more information, refer to “*Contacts and Your Address Book*” on page 55.

Assigning an Image as a Wallpaper

1. From the Home screen, tap  → **My files**  → **DCIM**

→ **Camera** → <image>.



2. Press  → **Set as** → **Home screen wallpaper**.
– or –
Press  → **Set as** → **Lock screen wallpaper**.
3. Touch and drag the orange crop box anywhere on the picture.
4. Tap **Save** to assign the wallpaper image. Tap **Cancel** to stop without updating the wallpaper image.





Using the Camcorder

In addition to taking photos, the camera also functions as a camcorder that also allows you to record, view, and send videos.

Note: The camera may not be able to properly record videos to a memory card with a slow transfer speed.

Shooting Video

1. Tap  → **Camera**  to activate the camera mode.
2. Tap and slide the Camera mode button down to Camcorder Mode.
3. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.

4. Tap the Video key () to begin shooting video. The red light will blink while recording.
5. Tap the Video key () again to stop the recording and save the video file to your Camera folder.
6. Once the file has been saved, tap the image viewer, then tap  to play your video for review.
7. Press  to return to the viewer.

Camcorder Options

Options are represented by icons across both sides of the screen.

Note: The options disappear after a few seconds. Tap the screen to make them reappear.



Camera / Camcorder Mode: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Slide the button up for Camera, or down for Camcorder.



Recording mode: allows you to set the recording mode to: Normal, which is limited only by available space on the destination location, Limit for MMS, which is limited by MMS size restrictions, and Self recording which activates the front-facing camera so you can video yourself.



Flash: allows you to set the flash options to Off or On. When you set the flash to On, it stays on continually while you are taking a video.



Settings:

Edit shortcuts: allows you to display the shortcut icons to the settings that you use the most.

Flash: allows you to set the flash options to Off or On. When you set the flash to On, it stays on continually while you are taking a video.

Recording mode: allows you to set the recording mode to: Normal, which is limited only by available space on the destination location, Limit for MMS, which is limited by MMS size restrictions, and Self recording, which activates the front-facing camera so you can video yourself.

Exposure value: allows you to adjust the brightness level by moving the slider

Timer: allows you to set a timer for how long to wait before taking a video. Options include: Off, 2 sec, 5 sec, and 10 sec.

Effects: allows you to change the color tone or apply special effects to the photo. Options include: None, Negative, Grayscale, and Sepia.

Resolution: allows you to set the video resolution: 1920x1080, 1280x720, 720x480, 640x480, 320x240, or 176x144.

White balance: allows you to correct the video for the following types of light sources: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.

Video quality: allows you to set the image quality to: Superfine, Fine, or Normal.

Guidelines: allows you to turn the screen guidelines On or Off.

Save as flipped: corrects the orientation of videos taken by the front-facing camera. The videos are flipped horizontally when saving.

Storage: allows you to configure the default storage location for images or videos as either Phone or Memory card (if inserted).

Reset: allows you to reset all camera or camcorder settings to the default values.



Image viewer: allows you to access the Image viewer and the various viewing options for a selected video. Image viewer options are described in the following section. The last video you took, will be displayed as a thumbnail in the Image viewer icon.

Camcorder Options after a Video is Taken






After you shoot a video, you can access various options from the Pictures and Videos Image Viewer


► The following options are available:

- **Share:** offers several ways to share your video. Options are: AllShare, Bluetooth, Email, Gmail, Messaging, Wi-Fi, and YouTube.
- **Delete:** allows you to delete the current video. Tap **OK** to delete or **Cancel**.
- **More:** allows you to access the following additional options:
 - **Play:** allows you to play the video
 - **Rename:** allows you to rename the video.

Accessing Videos


When you shoot a video, the file is saved in the Camera folder. You can view your videos immediately or view them anytime in the Camera folder.

1. From the Home screen, tap  → My files  → DCIM → Camera (or My files  → external_sd → DCIM → Camera if the picture is stored on an external microSD card).
2. Tap a video file to open it in the viewer and initiate playback.
3. To pause the video, tap . To play the video, tap .

Before you select a video to play, press  in the Camera folder to see the following options:

- **Share:** lets you share the selected videos with AllShare, Bluetooth, Email, Gmail, Messaging, My tag, Photo editor (pictures only), Picasa (pictures only), S Memo (pictures only), Social Hub, Wi-Fi, or YouTube.
- **Create folder:** create a new sub-folder in the current folder. Can be on either the Phone or Memory Card.
- **Delete:** allows you to delete selected videos. Tap the checkmark next to any file or folder you want to delete (checkmark turns green), then tap Delete.
- **View by:** allows you to view the contents of the current folder as a list, as a list and details, or as thumbnails.

- **List by:** allows you to view the contents of the current folder sorted by Time, Type, Name, or Size.
- **More:** provides you with the additional options: Move, Copy, Rename, and Settings.
 - **Move:** allows you to move one or more videos to a different folder.
 - **Copy:** allows you to copy one or more videos to a different folder.
 - **Rename:** allows you to rename one or more video files.
 - **Settings:** lets you set several general folder options:
 - **Show hidden files:** causes files and folders that would normally be hidden to be displayed.
 - **Show file extension:** causes file extensions to be displayed. For example, 3gp.
 - **Set Home directory:** allows you to choose and set the Home directory.

Once you have selected a video to play, press  to display the following options:

- **Share via:** to share the current video by way of AllShare, Messaging, YouTube, Wi-Fi, Bluetooth, Gmail, or Email.
- **Video brightness:** allows you to set the screen brightness.
- **Via Bluetooth:** scans for a Bluetooth device on which to play the video.
- **Subtitles:** allows you to see subtitles on shared media.
- **Details:** displays file information such as file name, format, resolution, and file size.

While viewing a video, you can also adjust the screen view. Screen view allows you to select Original Size, Full-Screen, or Full-Screen in Ratio to view your video.

Note: The screen view icons are a three-way toggle. The icon that is displayed, is the mode that will appear after the icon is tapped.











- **Original Size:** () the video will be played in its original size.
- **Full-Screen in Ratio View:** () the video is enlarged as much as possible without becoming distorted.
- **Full-Screen View:** () the entire screen is used, which may cause some minor distortion.
- **Pause/Resume:** tap  to pause the video being played. Tap  to resume playing.
- **Previous/Next:** tap  to jump to the previously played video or tap  to jump to the next video file in the Camera folder.
- **Exit:** to return to the videos list, press the  key twice.

Photo editor

The Photo editor application provides basic editing functions for pictures that you take on your phone. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of special effects.

1. From the Home screen, tap  → **Photo editor** .
2. Tap **Select picture** to edit a picture in your Gallery.
– or –
Tap **Capture picture** to take a picture with the camera.
3. Tap the picture thumbnail and it is loaded into the Photo editor.
4. Use the following Photo editor controls to edit your picture:



Selection Size: allows you to set the size of the selection tool to Small, Medium, or Large.



Selection: use the selection tool to mark an area for cropping, rotating, etc.



Crop: allows you to crop (cut-out) an area of a photo.



Rotate: allows you to rotate a photo 90 degrees in either direction. You can also mirror image a photo.



Move: use the move feature to move a photo around when you are zoomed in and the entire photo is not showing on the screen. tap and drag your finger on the image.



Tools: allows you to Copy and Paste in the same image or to a different image. You can also use Warping, Fill, Pen or Frames.



Effects: allows you to add various special effects to your photo.




Color: allows you to adjust the Saturation, Contrast, Brightness of a photo. You can also make it Grey-scale, perform Auto adjustment, apply a Vintage effect, or change the Colour temperature.



Next: move to next photo project.



Previous: move to previous photo project.

5. Press  to access the following options:

- **New:** starts a new Photo editor project. Be sure and save the photo you are working on before starting a new project.
- **Open:** lets you open a different file.

- **Save:** saves your photo to your gallery.
- **Insert:** lets you insert content from the clipboard or from Maps.
- **Share:** allows you to share your photo via AllShare, Bluetooth, Email, Gmail, Messaging, Picasa, S Memo, Social Hub, or Wi-Fi.
- **Tutorial:** provides instructions on the use of the Photo editor.

Section 7: Messaging

This section describes how to send and receive different types of messages.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- Email and Gmail Messages
- Google Talk






The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important! When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to “Indicator Icons” on page 19.

Creating and Sending Messages

1. Tap  → **Messaging**  → **New message** .
2. Tap on the **Enter recipient** field to manually enter a recipient or tap  to select a recipient from your Contacts.
3. If you tapped the  icon, tap the **Contacts**, **Recent**, **Groups**, or **Favorites** tab. The **Contacts** tab is the default.
4. Tap the desired contact to place a checkmark, then tap **Add**.
The contact will be placed in the recipient field.

Note: Enter additional recipients by separating each entry with a semicolon (;) then using the previous procedure.





5. Tap the **Tap to enter message** field and use the on-screen keypad to enter a message. For more information, refer to “Entering Text” on page 49.
6. Add more recipients by tapping the recipient field.

7. Review your message and tap **Send**.


Note: If you exit a message before you send it, it will be automatically saved as a draft.

Message Options

Options before composing a message


1. Tap  → **Messaging** .
2. Before composing a message, press  to reveal additional messaging options:
 - **Search:** allows you to search through all of your messages for a certain word or string of words. Enter a search string in the Messaging Search window and tap .
 - **Settings:** allows you to access Messaging settings. For more information, refer to “*Messaging Settings*” on page 85.
 - **Delete threads:** allows you to delete any message thread. Select the messages to delete and a green checkmark will appear next to the message. Tap **Delete**.

Options while composing a message

1. While composing a message, press  to reveal additional messaging options.
 - **Insert smiley:** allows you to add emoticons to your message, such as a happy face.

- **Add text:** allows you to copy text from your contacts, calendar, or from a memo to add to your message. This is a convenient feature for adding names, phone numbers, events, etc. to your message. For more information, refer to “*Adding Additional Text*” on page 83.
- **Add slide:** allows you to add a new page to a message.
- **Add subject:** allows you to add a subject line to a message (NOTE: this automatically converts an SMS message to MMS format).

Adding attachments to a message


To add an attachment to your message tap  and select one of the following options:

- **Pictures:** allows you to tap an existing image from your Pictures list to add it to your message.
- **Take picture:** allows you to temporarily exit the message, take a photo with phone’s camera, and then add it to your message by tapping **Save**.
- **Videos:** allows you to choose an existing video from the Videos list, then add it to your message.
- **Capture video:** allows you to temporarily exit the message, record a video clip using the phone’s camera, and then add it to your message by tapping **Save**.
- **Audio:** allows you to choose an existing audio file from the Audio list, then add it to your message by tapping the circle to the right of the audio so that it turns green, then tapping **OK**.

- **Record audio:** allows you to temporarily exit the message and record an audio clip using the phone's microphone. When you tap **Stop**, the audio is automatically attached to the message.
- **S Memo:** allows you to add an existing S Memo to your message.
- **S Planner:** allows you to tap on an existing calendar event, then add it to your message by tapping **Add**.
- **Location:** allows you to attach a thumbnail of a map showing your location.
- **Contacts:** allows you to tap on an existing Address Book entry, then add it to your message by tapping **Add**.


Adding Additional Text

You can copy text such as names, phone numbers, and events from your Contacts, Calendar or a Memo.



1. While composing a message, press  → **Add text**.
2. At the Add text screen, select one of the following:
 - **Location:** allows you to add an address and the link to the location on Google Maps.
 - **Contacts:** allows you to add the name and phone number of any of your contacts to your message.
 - **S Memo:** allows you to add an entire S Memo to your message.
 - **S Planner:** allows you to add the name, date, and time of a calendar event to your message.

3. Tap the information you want to send. This will place a checkmark next to the item.
4. Tap **Add**.
The text is added to your message.



Viewing New Received Messages

1. When you receive a new message, the new message  icon will appear at the top of your screen.
2. Open the Notification Bar and select the message. For more information, refer to "Notification Bar" on page 35.

– or –

Tap  → **Messaging** , then tap the new message to view it.



The selected message appears in the display.

3. To play a multimedia message, tap .
 - To pause playback of the multimedia message, tap .
4. To scroll through the message (if additional text pages have been added), touch the screen and in a single motion, scroll up or down the page.

Message Threads

Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To open a threaded message follow these steps:



1. Tap  → **Messaging** .

Tap the message thread you want to view.

2. Touch and hold the message thread to display the following options:
 - **View contact:** displays the contact's information. This option only displays if the sender is in your Contacts list.
 - **Add to Contacts:** displays the Contacts information screen. This option only displays if the sender is not in your Contacts list.
 - **Delete thread:** displays a confirmation dialog box that when pressed, deletes the entire thread.

Deleting Messages




Deleting a single message

1. Tap  → **Messaging** .

Tap the message thread you want to view.





2. Once the message screen is displayed, touch and hold the message that you want to delete, then tap **Delete message**.
3. At the **Delete** prompt, tap **OK** to delete or **Cancel** to cancel.

Deleting multiple messages

1. Tap  → **Messaging** .
2. Press  → **Delete threads**.
3. Tap each message thread that you want to delete. A checkmark will appear beside each thread you select.
4. Tap **Delete**.
5. At the **Delete** prompt, tap **OK** to delete or **Cancel** to cancel.

Message Search

You can search through your messages by using the Message Search feature.

1. Tap  → **Messaging** .
2. Tap  → **Search**.
3. Use the on-screen keypad to enter a word or phrase to search for, then tap .
4. All messages that contain the search string you entered are displayed.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voicemails, and Push messages.

1. Tap  → **Messaging**  →  → **Settings**.

2. The following Messaging settings are available:

- **Message font size:** allows you to set the size of your message text to Follow system font size, Huge, Large, Normal, Small, or Tiny.
- **Background colour:** allows you to set the message background to either black or white.
- **Delete old messages:** deletes old messages when the limit is reached, rather than delivering an error message.
- **Text message limit:** allows you to set a limit on how many text messages can be in one conversation.
- **Multimedia message limit:** allows you to set a limit on how many multimedia messages can be in one conversation.
- **Delivery reports:** request a delivery report for each message you send.
- **Manage SIM card messages:** manage messages stored on your SIM card.
- **Message Centre:** allows you to change the number of your message centre where your messages reside while the system is attempting to deliver them.
- **Input mode:** allows you to set the input mode for your text messages. Choose between GSM Alphabet, Unicode, or Automatic.
- **Delivery reports:** Request a delivery report for each message you send.
- **Read reports:** Request a read report for each message you send.
- **Auto-retrieve:** allows the message system to retrieve messages automatically.
- **Roaming auto-retrieve:** allows the message system to retrieve messages automatically while you are roaming.
- **Creation mode:** allows you to select the creation mode: Restricted, Warning or Free.
 - **Restricted:** you can only create and submit messages with content that meets the requirements of the Core MM Content Domain.
 - **Warning:** the phone will warn you via pop up messages that you are creating a multimedia message which does not fit the Core MM Content Domain.
 - **Free:** you may add any content to the message.
- **Push messages:** allows you to receive push messages from the network.
- **Service loading:** allows phone to load and run services without user intervention. Select Always, Prompt or Never.
- **CB activation:** allows you to receive Cell Broadcast (CB) messages.


- **Channel configuration:** allows you to set up the channel that you will receive CB messages on.
- **Language:** allows you to select all of the languages that you want to receive CB messages in.
- **Notifications:** allows you to see message notifications on your status bar.
- **Select ringtone:** allows you to set the ringtone for your message notifications.

Using Email

Email enables you to review and create email using a wide range of email services. You can also receive text message alerts when you receive an important email.

Creating an Email Account

Note: If you want to set up a Corporate email account, see “Synchronizing a Corporate Email Account” on page 86.


1. From the Home screen, tap **Email**  .
Your accounts screen displays with an Email setup screen displayed.
2. Enter you email address in the **Email address** field.
3. Enter your password in the **Password** field.


If you want to see your password as it is being typed, tap **Show password** to create a checkmark.

4. Tap **Next**.
5. Enter an account name for this email account (optional).
6. Tap **Done**.

Synchronizing a Corporate Email Account


Use the following procedure to configure your phone to synchronize with a corporate email account.


1. From the Home screen, tap **Email**  .
Your accounts screen displays with an Email setup screen displayed.
2. Enter you email address in the **Email address** field.
3. Enter your password in the **Password** field.
If you want to see your password as it is being typed, tap **Show password** to create a checkmark.
4. Scroll down and tap **Manual setup**.
5. Tap the **Microsoft Exchange ActiveSync** field.

6. Enter the required Exchange server information: Domain/Username, Password and Exchange server. As required, tap to enable Use secure connection (SSL), Accept all SSL certificates and Use client certificate. Tap **Next**.
7. At the prompt tap **OK**.
The Account options screen is displayed.
8. Enter the desired information in the different fields, then tap **Next**.
9. Enter an Account name for this account (Optional).
Wait for the Inbox to synchronize before use.
10. Tap **Done**.
11. Press  → **More** → **Account Settings** to change the account settings.


Creating Additional Email Accounts

To create additional email accounts after setting up your first account, follow these steps:

1. From the Home screen, tap **Email** .
Your Email screen displays showing your emails from the active account.

2. Tap the box in the upper left corner of your screen that displays the name of your first email account, for example, Work, Gmail, etc.
Your Email account screen is displayed.
3. Press  → **Add account** then enter the information required to set up another account. For more information, refer to “*Creating an Email Account*” on page 86.



Switching Between Email Accounts

1. From the Home screen, tap **Email** .
Your Email screen displays showing your emails from the active account.
2. Tap the selection box in the upper left corner of your screen that displays the list of your email accounts.
Your Email account screen is displayed.
3. In the **Accounts** section, tap the Email account you would like to switch access.
4. The new Email account is displayed.

Using Gmail

Gmail (Google Mail) is Google's web-based email service. Gmail requires that you have a Google account, which can be configured when you first setup the phone or the first time you open a Google application such as Gmail or Android Market. Depending on the synchronization settings, your phone is automatically synchronized with your Gmail account.

Signing into Your Gmail


1. From the Home screen, tap  → Gmail .

Note: You must sign in to your Gmail account in order to access Gmail.




2. If you do not have a Google account, tap **Create** and follow the on-screen instructions to create a Google account.
3. If you do have a Google account but have not yet entered your account information, tap **Sign in**, enter your Username and Password, and tap **Sign in**.

The Inbox loads conversations and email.




Refreshing Gmail

- ▶ Press  → **Refresh** to send and receive new emails and synchronize your email with the Gmail account.

Creating a Gmail Message

1. From the Gmail Inbox, press  → **Compose**.
2. Enter the recipients Email address in the **To** field. Separate multiple recipient email addresses with a comma.
3. Tap  and select **Add Cc/Bcc** to add a carbon or blind copy.
4. Enter the subject of this message in the **Subject** field.
5. Tap the **Compose Mail** field and begin composing your message.
6. Tap  to send the message.

Viewing a Gmail Message



1. From the Gmail Inbox, tap a message to view it.
2. the following options are available:
 - **Archive:** archives the selected Email.
 - **Delete:** deletes the Email.
 - **Next:**  displays the next Email in your inbox.
 - **Previous:**  displays the previous Email in your inbox.
3. Press  to select one of the following additional options:
 - **Change labels:** allows you to change the label on the email or conversation.

- **Mark unread:** unread messages or threads with unread messages display in boldface text in the Inbox.
- **Mark important/Not important:** add or remove a yellow Important marker at the left side of the message in the message box.
- **Go to inbox:** returns you to your Gmail Inbox.
- **Mute:** mutes the conversation (Email thread).
- **More:**
 - **Add/Remove star:** add or remove a star.
 - **Report spam:** reports the Email message as spam.
 - **Settings:** displays Email settings that you can modify.
 - **Help:** displays the Google.com webpage so you can search the web for help.
 - **Select text:** allows you to copy text to your clipboard.

Note: The Network confirms your login and processes. This could take up to 5 minutes to complete.

Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

1. From the Home screen, tap  → **Talk** .
2. If you are not already signed in to a Google account, press **Next** to set up a Google account or to Sign in.
3. Follow the on-screen instructions to use Google Talk.

Section 8: Changing Your Settings

This section explains the various settings for your phone.



Wireless and Network

Airplane mode

Flight mode allows you to use phone features that do not require wireless communication when you are in an airplane or in any other area where calls and data transfer are prohibited.


Note: Flight mode is also called Airplane mode in other areas of the phone (notifications panel and the Phone options menu accessed by pressing and holding the power/lock key).

Important! When your phone is in Flight mode, it cannot send or receive any calls or access online information or applications.

1. From the Home screen, tap  → **Settings** → **Wireless and network**.
2. Tap **Airplane mode**. A check mark displayed next to the feature indicates Airplane mode is active. The Airplane mode icon  is displayed at the top of your screen.


Wi-Fi settings

Once set up for Wi-Fi connectivity, your phone automatically uses Wi-Fi, when available, for all your mobile data services.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Configure the settings as desired.

Wi-Fi

To turn Wi-Fi on:

- ▶ From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi Settings** → **Wi-Fi**. A check mark indicates that Wi-Fi is active.

Network Notification


By default, when Wi-Fi is on, you receive notifications in the Status bar anytime your phone detects an available Wi-Fi network. You can deactivate this feature if you do not want to receive notifications.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.

2. Tap **Network notification** to enable or disable the function. A check mark displayed next to the feature indicates Network notification is active.

WPS Button Connection

The WPS (Wi-Fi Protected Setup) button is a standard for easy and secure wireless network set up and connections. To use WPS, the connecting device must support WPS and be compatible with Wi-Fi Protected Access (WPA) security. WPS can automatically set up a random network name and WPA wireless security for wireless Wi-Fi phones, routers, access points, computers, adapters, and other electronic devices.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap **WPS button connection**.
3. Press the WPS button on your Wi-Fi access point within 2 minutes.

Wi-Fi Direct settings

Wi-Fi Direct allows Wi-Fi devices to talk to each other without the need for wireless access points (hot spots).

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi Direct settings**.

2. Tap **Wi-Fi Direct**. A check mark displayed indicates Wi-Fi Direct is active. For more information, refer to “*Wi-Fi Direct*” on page 124.

Kies via Wi-Fi

Connect to Kies via Wi-Fi.

Bluetooth settings

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.



Activating Bluetooth

- ▶ From the Home screen, tap  → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Bluetooth** to turn it on.

Note: Bluetooth must be enabled prior to use.

Device Name

1. Activate Bluetooth. For more information, refer to “*Turning Bluetooth On and Off*” on page 126.

2. From the Home screen, tap  → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Device name**. The assigned device name displays.
3. Press  to erase the current device name and enter a new name for this device using the keyboard.
4. Press **OK** to confirm your setting.


Visible

- ▶ From the Home screen, tap  → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Visible**.

The phone is now activated for discovery for a specific time period so you can pair with another device.


Visible time-out

Visible time-out option allows you choose the length of time your phone is visible to other Bluetooth devices when your device is set to Visible.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Visible time-out**.
2. Tap **2 Minutes**, **5 Minutes**, **1 Hour**, or **Never**.

Scan for Devices

This option allows you to scan for active Bluetooth devices so you can pair with them.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Scan for devices**. Your phone begins scanning and lists any discovered devices in the Bluetooth devices section.
2. Tap a device name to pair with the device.

Important! Some Bluetooth devices are secured and require a PIN number to confirm and pair with them.

3. Enter a PIN to pair with the device, if one is required, and tap **OK**.

USB utilities

This option allows you to copy files between your PC and the memory card in your phone.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **USB utilities** → **Connect storage to PC**.
2. Connect a USB cable from your phone to your PC.

3. A pop-up window displays on the PC when connected. Tap **Connect USB storage**.



Your phone will appear on your PC as a removable disk.

4. Open the folder to view files.
5. Copy files between your PC and your memory card.
6. To exit, tap **Disconnect storage from PC**.

Tethering & portable hotspot


This option allows you to share your phone's mobile data connection via a direct USB connection between your phone and computer or a wireless connection to one or more computers.

Tethering

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Tethering and portable hotspots**.
2. Tap **USB tethering** to add a checkmark and activate the feature. The USB tethering icon  is displayed at the top of your screen.

Portable Wi-Fi hotspot

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Tethering and portable hotspots**.

2. Tap **Portable Wi-Fi hotspot settings**.
3. Read the introduction and tap **OK**.
4. Tap **Portable Wi-Fi hotspot** → **OK** to add a checkmark and activate the feature. The Portable Wi-Fi hotspot icon  is displayed at the top of your screen.
5. Tap **Configure portable Wi-Fi hotspot**.
6. Enter or edit the Network SSID, Security setting and Password and tap **Save**.

Connecting to Portable Wi-Fi hotspot from other devices

1. Activate Wi-Fi on the device that wants to connect to your phone.
2. Find **[Android Hotspotxxxx]** in the Wi-Fi network list and connect to it (xxxx are the last four digits of the phone number that is offering the Portable Wi-Fi hotspot).
The connected device can now use internet through your Portable Wi-Fi hotspot.

3. By default, the connection is open and not secured. It is recommended that you secure your hotspot -- tap the **Security** field, select **WPA2 PSK**, enter a password and tap **Save**.

Note: Activating Wi-Fi and connecting to your phone will be different depending on the type of device.

Get Help

For more information on USB tethering and portable Wi-Fi hotspot, see the help file:

- ▶ From the Home screen, tap  → **Settings** → **Wireless and network** → **Tethering and portable hotspots** → **Help**.

VPN settings


The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important! Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2

Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **VPN settings**.
2. Tap **Add VPN**.

To establish a PPTP (Point-to-Point Tunneling Protocol):

1. Tap **Add PPTP VPN**.
2. Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
3. Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
4. Tap **Enable Encryption** to make a checkmark (if desired).
5. Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

To establish a L2TP (Layer 2 Tunneling Protocol):

1. Tap **Add L2TP VPN**.
2. Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.

3. Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
4. Tap **Enable L2TP Secret** to make a checkmark (if desired).
5. Tap **Set L2TP Secret** and enter a password (if desired), then tap **OK**.
6. Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):

1. Tap **Add L2TP/IPSec PSK VPN**.
2. Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
3. Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
4. Tap **Set IPsec pre-shared key**, enter a key and tap **OK**.
5. Tap **Enable L2TP Secret** to make a checkmark (if desired).
6. Tap **Set L2TP Secret** and enter a password (if desired), then tap **OK**.

7. Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

To establish a L2TP/IPSec CRT (Certificate based L2TP/IPSec):

1. Tap **Add L2TP/IPSec CRT VPN**.
2. Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
3. Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
4. Tap **Enable L2TP Secret** to make a checkmark (if desired).
5. Tap **Set L2TP Secret** and enter a password (if desired), then tap **OK**.
6. Tap **Set user certificate**, then tap **OK**.
7. Tap **Set CA certificate**, then tap **OK**.
8. Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

NFC

Enable Near Field Communications to read and exchange tags.

Mobile networks


Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

- ▶ From the Home screen, tap  → **Settings** → **Wireless and network** → **Mobile networks**.

The following options display:

Use Packet Data

To activate the data network, this option must be selected. It is set on by default.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Mobile networks**.
2. Tap **Use packet data** to create a checkmark and activate the feature.

Data Roaming

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

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Mobile networks**.

2. Tap **Data roaming** to create a checkmark and activate the feature.

Note: Turn data roaming off to avoid international data roaming charges.

Access Point Names

Using this feature you can change the network access point for your phone and access point settings.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Mobile networks** → **Access Point Names**.

A list of the available access points displays. The active access point displays a green radio button to the right of the name.

2. To change access point settings, tap the name of the access point.

Note: You can only change the settings for access points that are not active.

Network mode

To configure your phone to automatically detect and use the fastest possible data network connection, or use a specific mode:

1. From the Home screen, tap  → **Settings** → **Wireless and**

network → Mobile networks → Network mode.

2. Tap **GSM/HSPA/LTE (Auto mode)** to allow the fastest possible connection, **GSM/HSPA (Auto mode)** to limit the phone's connection to the fastest possible connection other than LTE, **GSM only** or **HSPA only**, which slows data transfer speed but extends battery life. A green radio button displays next to the selected option to indicate that it is active.

Network Operators

Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

To manually select a network connection:

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Mobile networks**.
2. Tap **Network operators**.

The current network connection displays at the bottom of the list.


Important! You must deactivate data service prior to searching for an available network.

3. Tap **Default setup** and select **Manual** to search for the available networks.
4. Tap a network name.

Note: Connecting to 2G networks slows the data transfer speed and time.


Default setup options

Your phone default is set to Automatic (to automatically search for an available network). You can set this option to Manual to select a network each time you connect.


1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Mobile networks**.
2. Tap **Network operators**.
3. Tap **Default setup**.
4. Tap **Manual** to locate and connect to a network manually, or tap **Automatic** to allow the device to automatically select a network.

Call Settings


To access the Call settings menu:

1. From the Home screen, tap  → **Settings** → **Call**.
2. Tap one of the following options:

Call rejection

1. From the Call Settings menu, tap **Call rejection**.
2. Tap **Auto reject mode** to enable your phone to reject calls.
3. Select **Off**, **All numbers**, or **Auto reject numbers**.
4. Tap **Auto reject list**.
5. Tap  to manually add numbers to the Reject list.
6. Tap **Unknown**, to create a checkmark and automatically reject all unknown calls.

Set reject messages

1. From the Call Settings menu, tap **Set reject messages**.
2. Tap  to manually add a reject message.
– or –
Tap one of the pre-written messages to be displayed when you want the call to be rejected.
3. Tap **Save**.

Call alert

1. From the Call Settings menu, tap **Call alert**.
2. Tap **Answer vibration** to enable your phone to vibrate when the called party answers the phone.

3. Tap **Call status tones** to set the sound settings during a call then tap **OK**.
4. Tap **Alerts on call** to set the alert type.

Call answering/ending

1. From the Call Settings menu, tap **Call answering/ending**.
2. The following options are available:
 - **Answering key:** Tap this option to be able to accept incoming calls by pressing the Home key.
 - **Automatic answering:** Tap this option if you are using a headset and want the call to be automatically answered. Select the time interval before the call is automatically answered.
 - **The Power key ends calls:** This option will allow you to end a call by pressing the power key without turning off the screen.

Turn on proximity sensor

- ▶ From the Call Settings menu, tap **Turn on proximity sensor**.
When you answer a call, the screen will be turned off to save power.

Call forwarding

1. From the Call Settings menu, tap **Call forwarding**.
2. Tap one of the following options:
 - **Always forward:** allows you to forward all voice calls.

- **Forward when busy** allows you to forward voice calls to a designated number instead of your Voicemail number if you are on another phone call.
- **Forward when unanswered:** allows you to forward voice calls to a designated number instead of your voicemail number when there is no answer on your phone. You can also select the amount of time that the phone delays before forwarding.
- **Forward when unreachable:** allows you to forward voice calls to a designated number instead of your voicemail number when you are not in an area covered by your service provider or when your phone is switched off.

Additional settings

1. From the Call Settings menu, tap **Additional settings**.
2. Tap one of the following options:
 - **Caller ID:** allows you to choose how your Caller ID will be displayed. Select Network Default, Hide number, or Show number.
 - **Call barring:** allows the restriction of specific types of calls from this phone (All outgoing calls, Int'l calls, Int'l calls except home, All incoming calls, Incoming when roaming).
 - **Call waiting:** the network service informs you when someone is trying to reach you during another call. Tap to activate.
 - **Auto redial:** automatically redials the last number if the call was either cut off or was unable to connect. Tap to activate.

- **Noise suppression:** Your phone is equipped with an advanced voice processing chip that delivers clear mobile calls by suppressing background noise, intermittent sounds (like a siren or nearby conversation), and echoes, allowing you to hear and be heard nearly anywhere. Tap to activate.
- **Fixed Dialing Numbers:** allows you to restrict outgoing calls to a limited set of phone numbers.

Using Fixed Dialing Numbers

Enabling FDN

1. From the Call Settings menu, tap **Additional settings** → **Fixed Dialing Numbers**.
2. Tap **Enable FDN**.
3. At the prompt, enter your PIN2 code and tap **OK**.
FDN is enabled.
4. To enable FDN after it has been disabled, tap **Disable FDN**, enter your PIN2 code and tap **OK**.

Important! Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.

The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Changing the PIN2 Code

1. From the Call Settings menu, tap **Additional settings** → **Fixed Dialing Numbers**.
2. Tap **Change PIN2**.
3. At the prompt, enter your old PIN2 code.
4. At the prompt, enter a new PIN2 code.
5. Confirm your PIN2 code.

Managing the FDN List

When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

Note: Before you can manage an FDN list a list must be created.

1. From the Call Settings menu, tap **Additional settings** → **Fixed Dialing Numbers**.
2. Tap **FDN list**.
3. A list of all existing FDN numbers will be displayed.

Voicemail Service

1. From the Call Settings menu, tap **Voicemail Service**.
Voicemail service provided by your carrier is the default.

2. Tap **My carrier** to remove the carrier Voicemail service.


Voicemail

You can view or modify your voicemail number from this menu.

1. From the Call Settings menu, tap **Voicemail**.
2. Tap the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number using the keypad, then tap **OK**.
3. Tap **OK**.

Sound Settings

From this menu you can control the sounds on the phone.

- ▶ From the Home screen, tap  → **Settings** → **Sound**.

The following options display:

Silent mode

Silent mode is convenient when you wish to stop the phone from making noise, in a theater for example. In Silent Mode the speaker is muted and the phone only vibrates to notify you of incoming calls, or other functions that normally have a defined tone or sound as an alert.

1. From the Home screen, tap  → **Settings** → **Sound**.
2. Tap **Silent mode**.


– or –

From the Home screen, press the **Lock** key until **Phone options** displays.

3. Tap **Silent mode** to activate or deactivate this mode (the current mode displays).

Vibration

Vibration mode allows your phone to vibrate instead of a producing a tone.

1. From the Home screen, tap  → **Settings** → **Sound** → **Vibration**.
2. Tap **Always**, **Never**, **Only in silent mode**, or **Only when not in silent mode**.


Volume

The Volume option allows you to change the volume for all phone sounds in one easy location.

1. Touch and drag the slider to adjust the sound volume for Incoming calls, Media, System, and Notification.
2. Tap **OK**.


Vibration Intensity

Set the intensity of vibration for Incoming call, Notification, and Haptic feedback.

1. From the Home screen, tap  → **Settings** → **Sound** → **Vibration intensity**.
2. Touch one of the three vibration intensity options and drag the slider to set.
3. Touch **OK** to save your setting.


Phone ringtone

This option allows you to set the default incoming call ringtone.

1. From the Home screen, tap  → **Settings** → **Sound**.
2. Tap **Phone ringtone**.
3. Tap a ringtone and tap **OK**.


Notification ringtone

This option allows you to set the ringtone that will sound for notifications and alarms.

1. From the Home screen, tap  → **Settings** → **Sound**.
2. Tap **Notification ringtone**.
3. Tap a ringtone and tap **OK**.


Audible Tone Settings

The Audible touch tones and Audible selection options are used when you use the dialing pad, make a screen selection, or lock your screen. Each time you press a key, make a selection, or lock your phone, the selected tone sounds.

1. From the Home screen, tap  → **Settings** → **Sound**.
2. Tap **Audible touch tones**, **Audible selection**, or **Screen lock sounds**. A check mark displayed next to these features indicates active status.


Haptic feedback

Instead of sounding a tone, the Haptic feedback option vibrates when you press soft keys on certain screens. You can also set the intensity of the vibration using the Vibration intensity setting.

1. From the Home screen, tap  → **Settings** → **Sound**.
2. Tap **Haptic feedback**. A check mark displayed next to the feature indicates Haptic feedback is active.

Display Settings

In this menu, you can change various settings for the display such as the font, orientation, pop-up notifications, puzzle lock feature, animation, brightness, screen timeout, power saving mode, and tv out settings.


- From the Home screen, tap  → **Settings** → **Display**.

The following options display:

- **Screen display:** allows you to set the Font style, the home screen and lock screen wallpapers, whether the clock and weather are shown on the lock screen, and the clock and weather position.
- **Brightness:** configures the LCD Brightness levels. Tap Automatic brightness to allow the phone to self-adjust and tap OK.
- **Auto-rotate screen:** allows you to switch the display orientation automatically when you rotate the phone.
- **Animation:** determines whether some or all of the window elements animate. Selections are: No animation, Some animations, and All animations.
- **Screen time-out:** adjusts the delay time before the screen automatically turns off when there is no activity. Selections are: 15 seconds, 30 seconds, 1 minute, 2 minutes, and 10 minutes.
- **Touch key light duration:** allows you to set the time that the touch keys located on the bottom of your phone are lit.
- **Auto adjust screen power:** saves power because the phone analyzes the displayed screen image and adjusts the LCD brightness.
- **Gyroscope calibration:** allows you to calibrate the gyro sensors. Place your device on a level surface and tap **Calibrate**.

Power Saving

This feature allows you set the phone to automatically switch to power saving mode when the battery is low and configure additional power saving options.

1. From the Home screen, tap  → **Settings** → **Power saving**.
2. The following options are available:
 - **System power saving:** uses the default power saving settings. Settings will be enabled immediately when this option is selected.
 - **Custom power saving:** allows you to customize your power settings. Settings will be enabled immediately when this option is selected.
 - **Custom power saving settings:** allows you to customize your power settings. After selecting Custom power saving mode, the following options are enabled when you tap this option.
 - **Power saving on at:** allows you to set the battery power level at which Power saving will begin. Choose 10% to 50%.
 - **Turn off Wi-Fi:** automatically turns off Wi-Fi when you are not connected with Mobile AP.
 - **Turn off Bluetooth:** automatically turns off Bluetooth when it is not in use.
 - **Turn off GPS:** automatically turns off GPS when it is not in use.
 - **Turn off Sync:** automatically turns off Sync when the phone is not synchronizing with the server.


- **Brightness:** allows you to manually adjust the brightness of the screen. Tap this option to enable the next Brightness option.
- **Brightness:** allows you to set the brightness percentage of the screen.
- **Screen time-out:** allows you to set the time delay before the screen automatically turns off.
- **Learn about power saving:** describes various ways to conserve battery power.

Location and Security

These options allow you to set the location and the security settings for your phone.


Use Wireless Networks

Before you use applications such as Google Maps to find directions or search for places of interest, you must enable the use of wireless networks and/or GPS satellites to determine your position.

1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap **Use wireless networks** to enable location information using the wireless network.


Use GPS satellites

This option allows you to locate locations accurately to street level. To conserve power, deselect this option when not in use.

1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap **Use GPS satellites** to enable the GPS satellite.


Use sensor aiding

This options enhances the positioning capabilities of your phone and conserves power using sensors.

1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap **Use sensor aiding** to enable the positioning sensors.

Set screen lock

To secure data and limit phone access, you can set the phone to require a screen unlock pattern, PIN number, or password each time you turn on the device, or every time the phone wakes up from sleep mode (when the screen automatically turns off).


1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap **Set screen lock** and select one of the following options:

- **None**: disables screen unlock security.
- **Pattern**: requires that you draw a pattern on the screen to unlock it. Follow the on-screen instructions.
- **PIN**: requires that you enter a numeric PIN number to unlock the screen. Enter a PIN number, confirm it, then tap OK.
- **Password**: requires that you enter a password to unlock the screen. Enter a password, confirm it, then tap OK. Password must contain at least one letter.

Note: Once you have set the screen lock option, the **Set screen lock** option changes to **Change screen lock**.

Disable USB debugging mode


Disable USB debugging mode while the screen is locked. This is necessary when device encryption is enabled.

1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap the **Disable USB debugging mode** checkbox to create a checkmark.

Set up SIM card lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

When enabled, your phone will ask for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap **Set up SIM card lock**.
3. Tap **Lock SIM card**, enter your SIM PIN code, then tap **OK**.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

4. Tap **Change SIM PIN**.
5. Enter your old SIM PIN code and tap **OK**.
6. Enter your new SIM PIN code and tap **OK**.
7. Re-type your new SIM PIN code and tap **OK**.

SIM Change Alert

Can send an SMS message when the SIM card in the phone is changed.

Alert Message Recipients


Add or edit recipients of SIM card changes alert message.

Remote controls

Allows phone to be locked, tracked, and data to be wiped remotely.

Visible passwords

When you create a phone password you can also configure the phone to display the password as you type it instead of using an asterisk (*).

1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap **Visible passwords** to create a checkmark and activate this feature.

Select device administrators


The Device Administration feature allows you to select one or more administration applications that control your device for security purposes (for example, if your phone is lost or stolen). These applications enforce remote or local device security policies.

Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.


- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap **Select device administrators**.
3. Select a device administrator and follow the prompts. If no device administrators are listed, you can download them from the Android Market.

Credential storage

This option allows certain applications to access secure certificates and other credentials. Certificates and credentials can be installed to the SD card and password protected.

1. From the Home screen, tap  → **Settings** → **Location and security**.
2. Tap **Use secure credentials** to activate this feature. A check mark displayed next to the feature indicates secure credentials is active.
3. Tap **Install from USB storage** to install encrypted certificates from USB storage.

4. Tap **Set password** to set or change the credential storage password.
5. Tap **Clear storage** to clear the storage (SD card or phone memory) of all contents and reset the credentials password.


Applications

This device can be used for Android development. You can write applications in the SDK and install them on this device, then run the applications using the hardware, system, and network. This feature allows you to configure the device for development.

Warning! Android Dev Phone 1 devices are not intended for non-developer end-users. Because the device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Unknown sources

This feature must be enabled in order to download applications from locations other than the Android Market.


1. From the Home screen, tap  → **Settings** → **Applications**.
2. Tap **Unknown sources**.

A check mark is displayed to indicate it is active.

Manage Applications


This feature allows you to manage your phone's applications.

You can also view the amount of memory or resources used as well as the remaining memory and resources for each of the applications on your phone, and clear the data, cache, or defaults.

- ▶ From the Home screen, tap  → **Settings** → **Applications** → **Manage applications**.

Clearing application cache and data

Important! You must have downloaded and installed one or more applications in order to use this feature.

1. From the Home screen, tap  → **Settings** → **Applications** → **Manage applications**.
2. Tap an application in which to clear the cache or data.
3. Tap **Clear data** or **Clear cache**.

Uninstalling third-party applications

Important! You must have downloaded and installed one or more applications in order to use this feature.


1. From the Home screen, tap  → **Settings** → **Applications** → **Manage applications**.

2. Tap the application you want to uninstall and tap **Uninstall**.
3. At the prompt, tap **OK** to uninstall the application.
4. At the **Uninstall finished** prompt, tap **OK**.

Running services

The Running services option allows you to view and control all currently running services.

To stop a service from running on your phone:

1. From the Home screen, tap  → **Settings** → **Applications** → **Running services**.
2. Tap a service.
3. Tap **Stop** to stop the service from running on your phone.

Storage usage

The Storage usage option allows you to view the memory used by your applications.



1. From the Home screen, tap  → **Settings** → **Applications** → **Storage usage**.

The Memory usage for all applications that are present on your phone is displayed.

2. Tap the **Running** tab to see the memory usage for applications that are presently running.
3. Tap the **Downloaded** tab to see the memory usage for Downloaded applications.
4. Tap the **On SD card** tab to see the memory usage for applications that are stored on your SD card.

Battery usage

This option provides a graphical display of the battery power used by various system components.

1. From the Home screen, tap  → **Settings** → **Applications** → **Battery usage**.
2. Press  → **Refresh** to refresh the display.

Development

This feature allows you to configure the device for Android application development. You can write applications using the Android SDK and install and test them on this device.

- ▶ From the Home screen, tap  → **Settings** → **Applications** → **Development**.

Important!: These features are used for development purposes only.

USB debugging

This feature is used for development purposes only. It turns on Debug mode when USB is connected.

Allow mock locations


This feature is used for development purposes only. It allows the entry of “mock” GPS coordinates in order to test GPS applications.

Samsung Apps

Lets you select how you are notified of new applications in Samsung Apps (Off, Wi-Fi only, or Packet data).

Accounts and Sync


Your phone has the ability to synchronize data from a variety of different sources or sites, including Google, a corporate Microsoft Exchange Email Server, and other social sites such as Facebook, Twitter, and MySpace. Corporate and Google accounts provide the ability to synchronize Calendar events and Contacts.

1. Sign in to your Google account.
2. From the Home screen, tap  → **Settings** → **Accounts and sync**.
3. From the General sync settings section, tap one of the following options:

- **Background data:** allows your phone to use data in the background.
 - **Auto-sync:** automatically synchronizes your data with the phone.
4. From the **Manage accounts** section, tap on an open account to set the account settings or tap on **Add account** to add a new account.

Motion


This feature allows you to assign specific functions to certain phone actions that are detected by the phone.

1. From the Home screen, tap  → **Settings** → **Motion**.
2. Tap **Motion activation** to activate the feature. A checkmark is displayed.
3. The following options are available:
 - **Tilt to zoom:** allows you to use the Tilt feature to reduce or enlarge the screen when in Gallery or Browser. Tap **Tilt** to create a checkmark, tap **Sensitivity**, then set the sensitivity using the slider. Tap **Learn about tilt** for more information.
 - **Pan to edit:** allows you to use the Pan feature to move icons from one page to another in Home and Application edit mode.
 - Tap **Pan** to create a checkmark, tap **Sensitivity**, then set the sensitivity using the slider. Tap **Learn about pan** for more information.

- **Shake to update:** allows you to use the Shake feature to scan for Bluetooth devices. Tap **Shake** to create a checkmark. Tap **Learn about shake** for more information.
- **Turn over to mute:** allows you to mute incoming calls and sounds by turning your phone over. Tap **Turn over** to create a checkmark and activate. Tap **Learn about turn over** for more information.

Privacy

Set data backup and restore configurations, or reset the phone to erase all personal data.

- ▶ From the Home screen, tap  → **Settings** → **Privacy**.

Back up my data

By setting this option, the Google server will back up all of your settings and data.

1. From the Home screen, tap  → **Settings** → **Privacy**.
2. Tap **Back up my data**.

A green checkmark will appear.

Automatic restore

By setting this option, when you reinstall an application all of your backed up settings and data will be restored.


1. From the Home screen, tap  → **Settings** → **Privacy**.
2. Tap **Automatic restore**.

A green checkmark will appear.

Factory data reset

From this menu you can reset your phone and sound settings to the factory default settings.

Warning! Performing a Factory data reset will erase all data from your phone and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It will not erase current system software, bundled applications, and external SD card files such as music and photos unless you check the **Format USB storage** checkbox.

1. From the Home screen, tap  → **Settings** → **Privacy**.
2. Tap **Factory data reset**.
3. If you want to erase all data on your USB storage, such as music and photos, tap the **Format USB storage** checkbox to create a green checkmark.
4. Tap **Reset phone**.
5. At the confirmation screen, tap **Erase everything**.
The phone resets to the factory default settings automatically and when finished, displays the Home screen.

Storage

From this menu you can view the phone's available memory space and the total and available space on an inserted memory card, and mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see “*Memory Card*” on page 36.

- ▶ From the Home screen, tap  → **Settings** → **Storage**.

SD card

The available space on an inserted microSD card displays under the **Total space** and **Available space** headings for your SD card.

1. Tap **Unmount SD card** to prepare the memory card for safe removal or formatting.
2. Tap **Format SD card** to erase the memory card and prepare it for use with your phone.

USB storage

The available memory displays under the **Total space** and **Available space** headings for your USB storage.

- ▶ Tap **Format USB storage** to erase all data on the phone's USB storage such as music and photos.

System storage

The available memory displays under the **Available space** heading for your System memory.


Language and keyboard

This setting allows you to configure the language in which to display the menus. You can also set on-screen keyboard options.

- ▶ From the Home screen, tap  → **Settings** → **Language and keyboard**.


Select language

To set the language that the menus display on the phone:

1. From the Home screen, tap  → **Settings** → **Language and keyboard** → **Select language**.
2. Tap on a language from the list.


Select Input Method

There are two input methods available: Samsung keypad and Swype. Samsung keypad is the default text input method.

1. From the Home screen, tap  → **Settings** → **Language and keyboard** → **Select Input Method**.
2. Select either Samsung keypad or Swype.

Swype Settings


To configure Swype settings:

1. From the Home screen, tap  → **Settings** → **Language and keyboard** → **Swype**.
2. Tap one of the following Swype settings to activate the setting:
 - **Select Input Method:** allows you to switch between Samsung keypad and Swype.
 - **How to Swype:** provides tips on how to learn to use Swype.
 - **Personal dictionary:** Allows you to setup and manage your own dictionary.
 - **Preferences:** Allows you to view and modify the following Swype options:
 - **Audio feedback:** When enabled, plays sounds as you enter text.
 - **Vibrate on keypress:** check this field to have the phone vibrate each time you touch a key on the keyboard.
 - **Show tips:** When enabled, the device displays helpful tips.
 - **Auto-spacing:** When enabled, inserts spaces automatically when you pause entering text.
 - **Auto-capitalization:** When enabled, automatically capitalizes the first letter of the first word in a sentence.
 - **Show complete trace:** When enabled, briefly display the Swype trace.

- **Word suggestion:** When enabled, suggests possible matching words as you enter text.
- **Speed vs. accuracy:** Send the sensitivity of Swype text recognition.
- **Reset Swype's dictionary:** Deletes all of the words you have added and loads the default dictionary.
- **Version:** View the current Swype software version.
- **Language Options:** Allows you to set the language that you will be using.

Samsung Keyboard settings

From this menu you can set Samsung keypad options.


1. From the Home screen, tap  → **Settings** → **Language and keyboard** → **Samsung keyboard**.
2. Tap **Portrait keyboard types** and select a text input method:
 - Qwerty Keyboard
 - 3x4 Keyboard
3. Tap **Input language** then tap one of the languages.
4. Tap **Pen detection** to display the handwriting pad whenever the S Pen is detected.
5. To use XT9 Predictive text method, tap **XT9**.



6. If you are using XT9 Predictive text method, tap **XT9 advanced settings**. For more information, refer to “*XT9 Advanced Settings*” on page 113.
7. Tap **Keyboard sweeping** to be able to sweep the keypad and change from **ABC** to **?123** mode.
8. Tap **Auto-capitalization** to enable automatic capitalization.
9. Tap **Voice input** to activate the Voice input feature. Voice input is an experimental feature using Google's networked speech recognition application.
10. Tap **Auto-full stop** to activate the Auto-full stop feature. When you double space in a message, a period and space is added and the keyboard is placed into Uppercase mode so you can start the new sentence with a capital letter.
11. Tap **Character preview** to enable small pop-ups to appear as you tap each key to show the character you are entering.
12. Tap **Handwriting settings** to select options for using the Handwriting feature.
13. Tap **Tutorial** for a short tutorial on using the Samsung keypad.

14. Tap **Reset all settings** to reset all Samsung keypad settings to the default values.

XT9 Advanced Settings

The following XT9 Advanced settings are only available if the **XT9** field has been selected.


1. From the Home screen, tap  → **Settings** → **Language and keyboard** → **Samsung keyboard** → **XT9 Advanced settings**.
2. Tap the **Word completion** field to enable word completion. Your phone will predict how to complete the word you have started.
3. Tap the **Word completion point** field to set how many letters should be entered before a prediction is made.
4. Tap the **Spell correction** field. This option corrects typographical errors by selecting from a list of possible words that reflect the characters of the keys you tapped as well as the characters of nearby keys.
5. Tap the **Next word prediction** field to enable word prediction for the next word.

6. Tap the **Auto-substitution** field to automatically replace words that you are typing. This option will help for accidental misspellings.
7. Tap the **Regional correction** field. This option sets the device to automatically correct mistyped words according to normal spelling for your region.
8. Tap the **Recapture** field. This option sets the device to re-display the word suggestion list when you select the wrong word from the list.
9. To add a new word to the T9 dictionary:
Tap the **XT9 my words** field, then press  → **Add**. Enter the new word in the **Edit XT9 my words** field, then tap **Add**.
10. To add words to substitute (for example youve becomes you've) tap **XT9 auto-substitution**.
11. A list of substitutions is displayed. If you don't see the substitution you want, press  → **Add**, and then input the Shortcut word and Substitution word. Tap **Add**.

Voice Input and Output

Voice input allows the phone to recognize verbal input.


Text-to-speech allows the phone to provide a verbal readout of on-screen text such as messages and incoming caller information using a text-to-speech (TTS) synthesis engine.

1. From the Home screen, tap  → **Settings** → **Voice input and output**.
2. Tap **Voice recognition** to and tap on the Voice recognition format that you want. Select **Samsung powered by Vlingo** or **Google**.
3. Tap **Voice recognition settings** to access the following options:
 - **Language**: allows you set the language you will be using for your voice input and output.
 - **SafeSearch**: allows you to filter explicit images when performing voice searches. You can set to Off, Moderate, or Strict.
 - **Block offensive words**: allows you to hide recognized offensive words.
4. Tap **Text-to-speech settings** to access the following options:
 - **Listen to an example**: plays a short example of what the text-to-speech feature sounds like on your device when activated.
 - **Driving mode**: allows incoming calls and new notifications to be read out automatically.
 - **Driving mode settings**: allows you to choose exactly what information is read out automatically.

- **Always use my settings**: accepts an override of application settings with personal configurations for this text-to-speech settings screen. If enabled, your device defaults to using the text-to-speech feature.
- **Default engine**: displays the default engine used for voice recognition.
- **Install voice data**: confirms the installation of necessary data required for voice synthesis.
- **Speech rate**: adjusts the rate at which on-screen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
- **Language**: assigns the language used for verbal readout. Tap a language option.
- **Samsung TTS**: allows you to modify settings for the Samsung TTS default engine.
- **Pico TTS**: allows you to modify settings for the Pico TTS default engine.

Accessibility Settings

Lets you enable and disable downloaded accessibility applications that aid in navigating your Android device, such as TalkBack (uses synthesized speech to describe the results of actions), KickBack (provides haptic feedback for actions), and SoundBack (plays sounds for various actions). Also lets you enable use of the power key to end calls.

1. From the Home screen, tap  → **Settings** →

Accessibility.

2. Tap **Accessibility** to create a checkmark and activate the feature.
3. Tap **TalkBack** to create a checkmark and activate the feature.


If an **Attention** prompt appears, tap **OK** to continue or **Cancel** to exit.
4. Tap **Font size** to change the text size in the S Planner, Email, Contacts, and Messaging applications.
5. Tap **Assistive light** to turn on the camera flash for use as a vision aid.
6. Tap **Mono audio** to provide mono audio when listening with one earphone.
7. Tap **Call answering/ending** to access the following options:
 - **Answering key**: Tap this option to create a checkmark if you want to accept incoming calls by pressing the home key.
 - **Automatic answering**: This option allows you to set the number of seconds before a call is automatically answered. (Automatic answering only operated with a headset connected).

- **The Power key ends calls**: Tap this option to create a checkmark if you want to press the power key to end calls. This will not turn off the screen.
8. Tap **Accessibility shortcut** to press and hold the power key to use the accessibility shortcut under phone options.

Note: The Talkback accessibility application is provided with your phone. Other applications are available from Android Market.

Date and Time

This menu allows you to change the current time and date displayed.

1. From the Home screen, tap  → **Settings** → **Date & time**.
2. Tap **Automatic** to allow automatic setting of the date and time (indicated by green check mark) or disable automatic setting.


If automatic date and time setting has been deactivated, manually adjust the settings as required:

3. Tap **Set date** and use the plus or minus icons to set the **Month, Day, and Year** then tap **Set**.
4. Tap **Select time zone**, then tap a time zone.

5. Tap **Set time** and use the plus and minus icons to set **Hour** and **Minute**. Touch **PM** or **AM** to toggle the setting, then tap **Set**.
 - To display the time in 24-hour format, tap **Use 24-hour format**. If this is not enabled, the phone automatically uses a 12-hour format.
6. Tap **Select date format** and tap the date format type.

Pen Settings


This menu allows you to change settings for your S Pen.

1. From the Home screen, tap  → **Settings** → **Pen settings**.
2. Tap **Dominant hand** and tap either **Left handed** or **Right handed**.
3. Tap **Pen help** for information concerning your S Pen.

About Phone

This menu contains phone status information, battery use information, legal information, and other phone information such as the model number, firmware version, baseband version, kernel version, and software build number.

To access phone information:

- ▶ From the Home screen, tap  → **Settings** → **About**

phone. The following information displays:

- **Software update:** Lets you check for operating system updates, set Auto Update to automatically check for updates, choose whether to only download updates via Wi-Fi, and set whether to receive update information via push messages.
- **Status:** displays the battery status, the remaining battery change (percentage), the phone number for this device, the network connection, signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, IMEI SV, Wi-Fi MAC address, Bluetooth address, and Up time.
- **Battery usage:** displays the applications or services (in percentages) that are using battery power.
- **Legal information:** displays the applicable Open source licenses and Google legal information for this phone. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference.
- **Model number:** displays the phone's model number.
- **Android version:** displays the android version loaded on this handset.
- **Baseband version:** displays the baseband version loaded on this handset.
- **Kernel version:** displays the kernel version loaded on this handset.
- **Build number:** displays the software, build number.

Note: Baseband, kernal and build numbers are usually used for updates to the handset or support. For additional information please contact your service provider.

Section 9: Connections


Your phone is equipped with features that allow you to quickly connect to the web, Bluetooth devices or a PC.

Internet

The Internet browser is your access to the mobile web. This section explains how to navigate the Browser and introduces you to the basic features.

Accessing the Mobile Web


To access the Browser:

- ▶ From the Home screen, tap **Internet** .

Enter a URL


You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website:

- ▶ Tap the URL field at the top of the screen, enter the URL and tap .

Navigating with the Browser

1. To select an item, tap an entry.

2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. Sweep the screen left to right to move laterally across a web page.
4. To return to the previous page, press .

Zooming in and out of the Browser

There are several ways to Zoom in and out on your browser. After tapping on a link or article, use one of these methods:

- **Tilting:** Touch and hold the screen at two points then tilt the device back and forth to reduce or enlarge the screen. You must first enable motion in the Settings section. For more information, refer to “*Motion*” on page 109.
- **Double tap:** Quickly tap the screen twice on the web page to zoom in or out.
- **Pinching:** Place two fingers on the screen and use a pinching-in or pinching-out motion to zoom in or out.


Browser Options

1. From the home page, press  to access the following options:

- **New window:** displays a new window so you can browse multiple URLs. For more information, refer to “*Adding and Deleting Windows*” on page 119.
- **Find on page:** allows you to search in the current page.
- **Add bookmark:** allows you to add a URL to your bookmark list.
- **Brightness/colour:** allows you to adjust the brightness of your display and the color level.
- **Settings:** allows you to modify your web settings. For more information, refer to “*Browser Settings*” on page 121.
- **More:** displays the following additional options:
 - **Downloads:** displays the download history.
 - **Print:** allows you to print the screen or web page on a Samsung printer using Wi-Fi.
 - **Share page:** allows you to share the page using Bluetooth, Email, Gmail, Messaging, My tag, S Memo, Social Hub or Wi-Fi.
 - **Add shortcut to Home:** allows you to set your homepage as a shortcut on your display.
 - **Page info:** displays information about the selected page.

Search the Internet




To perform an internet search using keywords:

1. Tap the **URL** field at the top of the screen, enter the keyword(s) to search for and tap  .
2. A list of search results displays.

3. Tap a link to view the website.


Adding and Deleting Windows


You can have up to eight Internet windows open at one time. To add a new window, follow these steps:

1. From your browser, press  → **New window**.
A new browser window is opened.
2. Press  at the top of the screen to see a list of all open windows. The number represents the number of new windows that have been created.
3. Tap a window listing to open up that Internet window.
4. Tap  at the top right corner of the web page thumbnail to delete the window.

Using Bookmarks


While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites are displayed in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. On the browser screen, tap  .
The Bookmarks page is displayed.

2. Tap a bookmark to view the webpage, or touch and hold a bookmark for the following options:
 - **Open:** Opens the webpage of the selected bookmark.
 - **Open in new window:** Opens the webpage in a new window.
 - **Edit bookmark:** Allows you to edit the name or URL of the bookmark. For more information, refer to “*Editing Bookmarks*” on page 120.
 - **Add shortcut to Home:** Adds a shortcut to the bookmarked webpage to your phone’s Home screen.
 - **Share link:** Allows you to share a URL address via Bluetooth, Email, Gmail, Messaging, My tag, S Memo, Social Hub or Wi-Fi.
 - **Copy link URL:** Allows you to copy the URL address to use in a message.
 - **Delete bookmark:** Allows you to delete a bookmark. For more information, refer to “*Deleting Bookmarks*” on page 120.
 - **Set as homepage:** Sets the bookmark to your new homepage.
3. Press  to display the following options:
 - **Bookmark last-viewed page:** Creates a new bookmark for the last webpage that you viewed.
 - **List/Thumbnail view:** You can select **Thumbnail view** (default) to see a thumbnail of the webpage with the name listed, or you can select **List view** to see a list of the bookmarks with Name and URL listed.
 - **Create folder:** Creates a new bookmark folder.

- **Change order:** Allows you to move pages around on the Bookmarks page. Touch and hold a bookmark icon, then move it to the desired location.
- **Move to folder:** Allows you to move a page to a folder.
- **Delete:** Allows you to delete one or all of your bookmarks.

Adding Bookmarks

1. From the webpage you want to bookmark, tap  → **Add**.
2. Assign a folder location. **Home** is the default.
3. Tap **OK**. The new save page now appears on the Bookmarks page.

Editing Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to edit.
2. Tap **Edit bookmark**.
3. Use the on-screen keypad to edit the name of the bookmark or the URL.
4. Tap **OK**.

Deleting Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to delete.

2. Tap **Delete bookmark**.
3. At the Delete confirmation window, tap **OK**.



Deleting Cookies

A cookie is a small file placed on your phone by a visited website. In addition to containing some site-specific information, a cookie can also contain some personal information (such as a username and password) which might pose a security risk if not properly managed. You can clear these cookies from your phone at any time.

1. From the Home webpage, press  → **Settings** → **Clear all cookie data**.
2. At the **Clear** prompt, tap **OK** to delete the cookies or tap **Cancel** to exit.

Using your History



The History list provides you with a list of the most recently visited websites. These entries can be used to return to previously unmarked web pages.

1. From the Home webpage, tap  → **History** .
A list of your most recently visited websites is displayed with Name and URL address.
2. Tap any entry to display the webpage.

3. Press  → **Clear history** to delete the History list.




Using Most Visited

The Most visited list provides you with a list of your most visited websites. These entries can be used to return to previously unmarked web pages.

1. From the Home webpage, tap  → **Most visited** .
A list of your most visited webpages is displayed with Name and URL address. The webpages that have been visited the most appear at the top.
2. Tap any entry to display the webpage.

Browser Settings

To make adjustments in your browser settings, follow these steps:

1. Tap **Internet**  →  → **Settings** (tap ).
2. The following options are available:
 - **Default zoom:** Adjusts the zoom feature. Set to Far, Medium, or Close.
 - **Open pages in overview:** Shows an overview of newly opened web pages.
 - **Text encoding:** Adjusts the current text encoding.

- **Block pop-up windows:** Prevents pop-up advertisements or windows from appearing on-screen. Remove the checkmark to disable this function.
- **Load images:** Allows web page images to be loaded along with the text components.
- **Auto-fit pages:** Allows web pages to be resized to fit as much of the screen as possible.
- **Landscape view only:** Displays the browser in only the horizontal position.
- **Enable JavaScript:** Enables javascript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
- **Enable plug-ins:** Allows the download of plug-ins such as Adobe Flash.
- **Open in background:** New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.
- **Set home page:** Sets the current home page for the Web browser.
- **Default storage:** Allows you to set your default storage to Phone or Memory Card.
- **Clear cache:** Deletes all currently cached data. Tap **OK** to complete the process.
- **Clear history:** Clears the browser navigation history. Tap **OK** to complete the process.
- **Accept cookies:** Allows sites, that require cookies, to save and read cookies from your device.
- **Clear all cookie data:** Deletes all current browser cookie files.
- **Remember form data:** Allows the device to store data from any previously filled out forms. Remove the checkmark to disable this function.
- **Clear form data:** Deletes any stored data from previously filled out forms. Tap **OK** to complete the process.
- **Enable location:** Allows websites to request access to your location.
- **Clear location access:** Clears location access for all websites. Tap **OK** to complete the process.
- **Remember passwords:** Stores usernames and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords:** Deletes any previously stored usernames or passwords. Tap **OK** to complete the process.
- **Show security warnings:** Notifies you if there is a security issue with the current website. Remove the checkmark to disable this function.
- **Select search engine:** allows you to set your default search engine to Google, Yahoo!, or Bing.
- **Website settings:** View advanced settings for individual websites.
- **Reset to default:** Clears all browser data and resets all settings to default.


Wi-Fi

About Wi-Fi

Wi-Fi (short for “wireless fidelity”) is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a Wireless Access Point (WAP). The WAP can either be Open (unsecured), or Secured (requiring knowledge of the Router name and password).

Turning Wi-Fi On

By default, your device’s Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap the **Wi-Fi** field to activate the feature. A green checkmark indicates that Wi-Fi is active. The device will scan for available in-range wireless networks and display them under Wi-Fi networks on the same screen.

Connect to a Wi-Fi Network

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.


The network names and security settings of detected Wi-Fi networks are displayed in the Wi-Fi networks section.

2. Tap a network.

Note: When you select an open network you are automatically connected.


3. If required, enter the wireless password and tap **Connect**.

Manually add a new network connection

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap **Add Wi-Fi network**.
3. Enter the **Network SSID** (the name of your Wireless Access Point).
4. Tap the **Security** field and select a security option. This must match the current security setting on your target WAP.
5. If the WAP is secured, enter the password.
6. Tap **Save** to store the new information and connect to your target WAP.



Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the WAP key again, unless you reset your device back to its factory default settings.

Turning Wi-Fi Off

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap the **Wi-Fi** field to deactivate the feature. The green checkmark will be removed.

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can cause an added drain to your battery and reduce your use times.

Manually Scan for a Wi-Fi Network

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Press  → **Scan**.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:



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



Displays when Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP).



Displays when connected to another device using Wi-Fi Direct. For more information, refer to “*Wi-Fi Direct*” on page 124.



Wi-Fi Advanced Settings

The Wi-Fi settings - Advanced menu allows you to set

up many of your device's Wi-Fi service, including:

- Setting your Wi-Fi sleep policy
- Viewing your device's MAC Address
- Configuring use of either a DHCP or Static IP

To access the Bluetooth Settings menu:

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Press  → **Advanced**.

For more information, refer to “*Network Notification*” on page 90.


Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

1. From the Home screen, tap  → **Settings** → **Wireless and**

network → Wi-Fi Direct settings.

If you are currently connected to a Wi-Fi network, a prompt will display **Current network will be disconnected**. Tap **OK** to continue.

2. Tap **Wi-Fi Direct**. A check mark is displayed indicating that Wi-Fi Direct is active. The device scans for other Wi-Fi Direct devices.
3. Repeat steps 1 and 2 on the other device you want to connect with.
4. Once the device you want to connect to is displayed, tap on the device name.
5. Tap **Connect**.
6. The other device will receive a **Wi-Fi Direct connection** prompt and has 2 minutes to tap **OK** for the connection to be made.
7. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the  icon will display at the top of your screen.
8. Tap **Device name** to change your Device name if desired.

Sharing Information with Connected Device

To share videos, photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My files** folder. Tap the **Share** or **Send via** option and tap **Wi-Fi**.
2. Tap the connected device name. For example, Android P2PXXXX.
3. The other device will receive a prompt to receive the information and the user must tap **OK**.
4. The file is transferred and the other device will receive a screen notification that a Wi-Fi file has been received. The file can be found in **My files** in the **ShareViaWifi** folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

Bluetooth



About Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such


as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Tap the **Bluetooth** field to activate the feature (checkmark indicates active). When active,  appears within the Status area.

To turn Bluetooth off:

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Tap the **Bluetooth** field to deactivate the feature. The green checkmark will be removed.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:



Displays when Bluetooth is active.



Displays when Bluetooth is connected (paired) and communicating.




Displays when Bluetooth is on but is not connected to a Bluetooth device.

Bluetooth Settings

The Bluetooth settings menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication
- Setting your device's visibility (or "discoverability") for other Bluetooth devices

To access the Bluetooth Settings menu:

1. From the Home screen, tap  → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Verify your Bluetooth is active.
3. Tap the **Device name**, **Visible**, **Visible time-out**, and **Scan for devices** fields to set the options.

To change your Bluetooth name:

4. Verify Bluetooth is active (indicated by a green check mark in the Bluetooth field).

5. From the Bluetooth settings page, tap **Device name**.
6. Enter a new name.
7. Tap **OK** to complete the rename process.

To make your device visible:

8. Verify Bluetooth is active (indicated by a green check mark in the Bluetooth field).
9. From the Bluetooth settings page, tap **Visible**.
 - Making your device visible allows it to be detected by other devices for pairing and communication.
10. Tap **Visible time-out** to set how long your device will remain invisible.

To scan for Bluetooth devices:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Scan for devices** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.


Pairing Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast,

secure connections while bypassing the discovery and authentication process.

To pair your device with another Bluetooth device:

1. Verify Bluetooth is active.
2. From the Bluetooth settings page, tap **Visible**.
Your device must be visible to successfully pair with an external device.
3. Tap **Search for devices**. Your device will display a list of discovered in-range Bluetooth devices.
4. Tap a device from the list to initiate pairing.
5. Enter the passkey or PIN code, if needed, and tap **OK**.
6. The external device will then have to also accept the connection and enter your device's PIN code.

Once successfully paired to an external device,  appears within the Status area.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Note: Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode again.

Disconnecting a paired device

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you wish to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, touch and hold the name of the previously paired device (from the bottom of the page). This opens the connected device's menu options.
3. Tap **OK** to confirm disconnection.

Note: Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or it is powered off.

Deleting a paired device (unpair)

Deleting a device from your list removes its "connection record" and upon reconnection would require that you re-enter all the previous pairing information.



1. Verify your Bluetooth is active.

2. From the Bluetooth settings page, touch and hold the name of the previously paired device (from the bottom of the page). This opens the connected device's menu options.
3. Tap **Unpair** to delete the paired device.

Sending Contacts via Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send pictures, Contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.

1. Verify your Bluetooth is active.
2. From the main Home screen, tap **Applications** → **Contacts** .
3. Press  → **Import/Export** → **Send namecard via**.
4. Tap each contact that you would like to send via Bluetooth. A green checkmark will appear next to each entry you select.
5. Tap **Send**.
6. Tap **Bluetooth**.

7. Select the paired device to receive the contacts.

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

8. A Bluetooth share notification will appear in your notifications list.

PC Connections

You can connect your device to a PC using an optional PC data cable using various USB connection modes. Mass storage is the default connection method

Mass storage: allows you to use the onboard storage capacity of the phone and SD card to store and upload files. This option allows your computer to detect the phone as a removable storage drive.

Kies air: allows you to sync your Windows PC wirelessly with your phone provided they are both on the same Wi-Fi network.


Note: To use any downloaded market application that requires a USB connection between your phone and your PC, you should first set the USB setting to **Mass storage**.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device,

you can also access the files directory from 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. Insert a memory card into the device to transfer files from or to the memory card to your PC.
2. From the Home screen, tap  → **Settings** → **Wireless and network** → **USB utilities** → **Connect storage to PC**.
3. Connect a USB cable from your phone to your PC.
4. Tap **Connect USB storage**. Both the phone and computer display icons to show that the device is mounted. As soon as the connection is established a drive letter is assigned to the phone's storage device.
Your phone will appear on your PC as a removable disk.
5. Open the folder to view files.
6. Copy files between your PC and your memory card.
7. To exit, tap **Disconnect storage from PC**.

Kies Air

Kies Air allows you to sync your Windows PC wirelessly with your phone provided they are both on the same Wi-Fi network. You can view and share call logs, videos, photos, music, bookmarks, ringtones, and even send SMS messages from your PC.

Tip: Before beginning, it is recommended that you update the Java application installed on your PC to the latest version.

1. Connect your phone via Wi-Fi to the same network as your PC (PC can be connected via Wi-Fi or Ethernet).
2. On your phone, tap  → **Kies air** .
3. From the Kies air homescreen, tap **Start**.
A web URL is displayed on your phone screen.
4. Open a web browser on your PC and enter the URL address displayed on the phone.
5. An Access Request prompt is displayed on your device. Tap the **Remember for today** checkbox if you will be using Kies air with the same PC later. Tap **Allow** to permit connection between the computer and device.
6. On your PC, you may be prompted to acknowledge that the page to be opened uses Java. Click **OK**.

7. From your PC, a security warning may be displayed asking if you want to run this application. Click **OK** to continue.
8. On your PC, the Kies air screen is displayed. On your phone, the  icon appears at the top of your screen.
9. Follow the on-screen instructions to view and share information between your phone and PC.
10. Click a link from the left navigation pane to access a device file category:
 - [Device Name] - provides an overview of all the main categories.
 - Photos/Videos/Music
 - Ringtones
 - Bookmarks
 - Messages/Call log/Contacts
 - File explorer
 - Language settings
11. To exit the Kies air application, tap **Stop** on your phone, then close the web browser on your PC.

NFC

Use Near Field Communication (NFC) to read and exchange tags.

Mobile Networks

Set options for roaming, networks, APNs. See *“Mobile networks”* on page 96.

Section 10: Applications

This section contains a description of each application that is available in the Applications Menu, its function, and how to navigate through that particular application. If the application 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 Your Home Screen*” on page 29.


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 Applications menu. For more information, refer to “*Adding and Removing Primary Shortcuts*” on page 31.

AllShare

AllShare allows your phone to stream photos, music and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your phone can also play digital content streamed from other DLNA certified devices.

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



1. Connect to a Wi-Fi network. see “*Connect to a Wi-Fi Network*” on page 123
2. From the Home screen, tap  → AllShare .
The AllShare screen is displayed.
3. To share media, tap **Videos**, **Photos**, or **Music** and tap on the media that you would like to share.
4. At the **My device** screen, any devices that you can share with are displayed.
5. Tap on a device to share media.
6. Tap the **Remote device** tab at the top of the screen.
All devices that you can receive media from are displayed.
7. Tap a device name.
Media that you can receive from the other device is listed.
8. Tap an item that you want to stream to your phone.

9. Press  → **Settings** to configure the following settings:
- **Device name:** defaults to your phone. Use the keypad to enter a new Media server if desired, and tap **Save**.
 - **Share videos/photos/music:** allows you to restrict what is shared from your phone. Tap the items you want to share.
 - **Upload from other devices:** allows you set the phone to select how uploads from other devices are started. Tap **Always accept**, **Always ask**, or **Always reject**.
 - **Default memory:** allows you to have media saved to your **Phone** or **Memory Card**. Tap an option.
 - **Subtitles:** allows you to see subtitles on shared media.

Depending on the setting you changed, a pop-up screen may display to restart AllShare. Tap **Yes** to continue.







Books

With Google Books, you can find more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore.

1. From the Home screen, tap  → **Books** .
2. Log on to your Google account. For more information, refer to “*Creating a New Google Account*” on page 9.
3. Follow the on-screen instructions for using the Books application.

Calculator

The calculator provides the basic arithmetic functions: addition, subtraction, multiplication, and division. You can also use it as a scientific calculator.

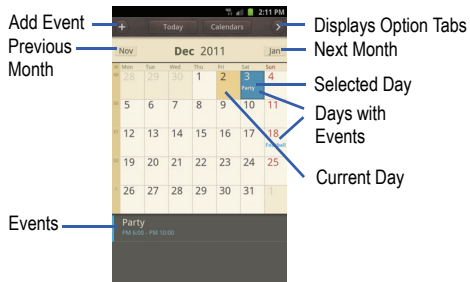
1. From the Home screen, tap  → **Calculator** .
 2. Enter the first number using the on-screen numeric keys.
 3. Enter the operation for your calculation by tapping the corresponding on-screen arithmetic function key.
 4. Enter the second number.
 5. To view the result, tap equals (=).
- To use the scientific functions, turn the phone sideways to landscape mode.
 - To view calculator history, tap  located at the top of the calculator buttons. A history of your past calculations is displayed. Tap  to display the calculator keypad.
 - To clear the calculator history, press  → **Clear history**.
 - To change the text size, press  → **Text size**. Tap Small, Medium, or Large.

S Planner


With the Calendar feature, you can consult the calendar by day, week, or month; create events; and set alarms to act as reminders. If your phone is linked to a Google account, both new and existing entries are synchronized between your phone and your online Google account.

To access the S Planner:


1. From the Home screen, tap **S Planner** .
2. The following options are available:
 - **Year:** displays all 12 months.
 - **Month:** displays the selected month with today's date highlighted. At the bottom of the calendar, scheduled events display in the order that they occur. This is the default view.
 - **Week:** displays the selected week with today's time and date highlighted.
 - **3 days:** displays the selected day and the day before and after the selected day with any events highlighted.
 - **Day:** displays the selected day with any events highlighted.
 - **Agenda:** displays all events that you have added for all dates in the order that they appear.
 - **Task:** displays all events that you have added for all dates in the order that they appear.



S Planner Options

- ▶ From any view, press  to display the following options:
 - **Go to:** allows you to go to any date on your calendar.
 - **Delete:** displays the event list, where you can select events to delete.
 - **Search:** lets you search for calendar events.
 - **Sync:** synchronizes your calendar with accounts you have created.
 - **Settings:** displays the following calendar settings:
 - **Calendars:** displays all calendars they you have created.
 - **Week view:** allows you to set the week view to Time line or Analogue.

- **First day of week:** allows you to set the first day of the week to Sunday or Monday. This will affect how the Month view calendar is displayed.
- **First day of 3days view:** allows you to set the first day of the 3-day view to Yesterday or Today.
- **Hide declined events:** will not display events you have received from others if you have declined them.
- **Lock time zone:** allows you to lock the event times and dates to the time zone that you select.
- **Select time zone:** allows you to set the time zone to which event times and dates will be locked.
- **Set alerts and notifications:** allows you to turn on audio alerts, set Status bar notification, or turn alerts off.
- **Vibrate:** allows you to set the Event notification tone to vibrate Always, Only in Silent mode, or Never.
- **Select ringtone:** allows you to set the ringtone for the Event notification tone.
- **Calendar sync:** allows you to sync your calendar with other accounts such as email or social accounts.
- **Swipe with two fingers:** displays information on how to change the view by swiping the screen with two fingers.

2. Tap any event to display it.
3. Press  to display the following options:
 - **Go to:** allows you to go to any date on your calendar.
 - **Delete:** displays the event list, where you can select events to delete.
 - **Sync:** synchronizes your calendar with accounts you have created.
 - **Settings:** displays the calendar settings. For more information, refer to “S Planner Options” on page 134.

Agenda

The Agenda displays all events that you have added for all dates in the order that they appear.

1. From the Calendar, tap the **Agenda** tab.

Camera

Use your 8.0 megapixel camera feature to produce photos in a JPEG format. Your phone also functions as a Camcorder to take videos.

For more information, refer to “Camera” on page 69.

Clock

The Clock application allows you to access alarms, view the World Clock, set a stopwatch, and use a timer.

Alarm


This feature allows you to set an alarm to ring at a specific time.

1. From the Home screen, tap  → **Clock**  → **Alarm** →  **Create alarm.**


2. Tap the + or - symbol to change the hour and minute settings, or tap the setting and enter a new number. To toggle the AM/PM setting, tap **AM** or **PM**.
3. Tap the **Alarm repeat** field and touch the number of times you want this alarm to repeat. Selections are: **Weekly**, **Daily**, **Every weekday (Mon-Fri)**, or **One-time event**. If you selected Weekly, a button row displays the days of the week. Tap each day that you want this alarm to repeat, then tap **OK**.
4. Tap the **Alarm type** field and select: **Melody**, **Vibration**, **Vibration and melody**, or **Briefing**.
5. Slide the slider bar in the **Alarm volume** field left or right to decrease or increase the alarm volume. A sample of the volume level plays.
6. Tap the **Alarm tone** field and select either **Sounds** or **Go to My files**. Select a sound to use as an alarm ringtone then tap **OK** to activate the ringtone.
7. Tap **Snooze** to activate the snooze function. Tap the field to select the snooze time (3 min, 5 min, 10 min, 15 min, or 30 min) and snooze repeat (1 time, 2 times, 3 times, 5 times, and 10 times).

- **Duration** indicates the length of time the alarm will remain silent between alarm notifications (snooze time).
 - **Snooze repeat** indicates the number of snooze will silence the alarm.
8. Tap **Smart alarm** to activate the smart alarm function (alarm slowly increases screen brightness and the volume of nature tones to simulate dawn breaking). Tap the field to assign a duration time (3 min, 5 min, 10 min, 15 min, or 30 min) and nature tone (Morning, Breeze, Mist, Forest, Light, or Rain).
 - **Duration** selects the length of time the alarm plays the nature tone at slowly increasing volume.
 - **Tone** selects the nature sound used as the alarm tone.
 9. Tap the **Name** field and enter a name for this Alarm.
 10. Tap **Save** to store the new alarm event.

Turning Off an Alarm




- ▶ To stop an alarm when it sounds, touch and drag the  icon in any direction.

Setting the Snooze Feature

- ▶ To activate the Snooze feature after an alarm sounds, touch and drag the  icon in any direction. Snooze must first be set in the alarm settings.




Deleting Alarms

To delete an alarm, follow these steps:

1. From the Home screen, tap  → **Clock**  → **Alarm** →  → **Delete**.
2. Tap the alarm or alarms you wish to delete. A green checkmark will appear next to each selection.
3. Tap **Delete**.

World Clock

World Clock allows you to view the time in other parts of the world. It displays time in hundreds of different cities, within all 24 time zones around the world.

1. From the Home screen, tap  → **Clock**  → **World clock**. The clock for your time zone is displayed.
2. Tap  **Add city** to add another city to the World Clock.
3. Scroll and select the desired city, or tap in the search field to locate a city.
4. Tap the city you want to add. The clock for that city will display.




To assign DST settings:

1. Locate a desired city from the World Clock list.

2. Touch and hold a city and select **DST settings**.
3. Select a DST setting (Automatic, Off, 1 hour or 2 hours).



If Daylight Savings Time is selected, the sun symbol on the World Clock listing will appear orange.

Deleting a World Clock Entry

1. From the Home screen, tap  → **Clock**  → **World clock** →  → **Delete**.
2. Tap the city clocks you wish to delete.
3. Tap **Delete**.




Stopwatch

You can use this option to measure intervals of time.

1. From the Home screen, tap  → **Clock**  → **Stopwatch**.
2. Tap **Start** to start the stopwatch.
3. Tap **Lap** to capture a lap time. You can save multiple lap times.
4. Tap **Stop** to stop the stopwatch.
5. Tap **Restart** to continue or tap **Reset** to erase all times recorded.

Timer

You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).


1. From the Home screen, tap  → **Clock**  → **Timer**.
2. Tap the **hr**, **min**, or **sec** field and use the on-screen keypad to enter the hour, minute, or seconds.
3. Tap **Start** to start the timer.
4. You can tap **Stop** to pause the countdown, **Restart** to resume the countdown.
5. When the time has elapsed, the timer plays an alarm. To stop the alarm when it sounds, touch and sweep the  icon in any direction.

Desk clock

This feature lets you activate an on-screen clock that displays the time, day, date, location, and weather conditions.

1. From the Home screen, tap  → **Clock**  → **Desk clock**.

The default Desk clock is displayed.

2. To make changes, tap  → **Settings**.

3. The following options are displayed:

- **Time/Calendar display:** when this is checked, the time, day, and date is displayed. Tap to uncheck.
- **AccuWeather:** when this is checked, the location, temperature, and weather condition is displayed. Tap to uncheck.
- **Reset to default:** sets your Desk clock settings to the factory default.
- **Dock:** tap Audio output mode to create a checkmark if you want to use the external dock speakers when the phone is docked.



Contacts

You can manage your contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

For more information, refer to “*Contacts and Your Address Book*” on page 55.



Crayon Physics

Crayon Physics Deluxe is a game that uses two-dimensional physics, including gravity, mass, kinetic energy and transfer of momentum. The objective of the game is to guide a ball from a starting point so that it touches all of the stars placed on each level.



1. From the Home screen, tap  → **Crayon Physics** .
2. Follow the on-screen instructions to play the game.

Downloads

The Downloads application allows you to manage all of your downloads (Internet and Other).

1. From the Home screen, tap  → **Downloads** .

All of your downloads are listed.

2. Tap the **Internet downloads** tab to see all of the downloads you have made from the Browser.
3. Tap the **Other downloads** tab to see all other downloads.
4. Tap  → **Sort by size** to see your downloads sorted in size order.
5. Tap  → **Sort by time** to see your downloads sorted in time order.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message. For more information, refer to “*Gallery*” on page 68.

Gmail

Gmail is a web-based email service. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to “*Using Gmail*” on page 88.

Google Search

Google Search is a web-based search engine that uses text-based queries to search for content on web pages. For more information, refer to “*Google Search Bar*” on page 26.

Kies air

Kies air allows you to sync your Windows PC wirelessly with your phone provided they are both on the same Wi-Fi network. You can view call logs, videos, photos, bookmarks, IMs, and even send SMS messages from your home computer. For more information, refer to “*Kies Air*” on page 130.

Latitude

Google Latitude allows you and your friends share locations and status messages with each other. It also lets you send instant messages and emails, make phone calls, and get directions to your friends’ locations.

Important! For best results, it is recommended that you enable all of your location services. For more information, refer to "Location and Security" on page 103.

6. Press  →  → **Latitude** .


Your location is displayed on the map.

Sharing your Location


1. From the Latitude map screen, tap  to display your Latitude friends. At first, only your name is displayed.
2. Press  → **Add friends**.
3. Tap **Select from Contacts** or **Add via email address**.
4. Tap a contact or enter an email address and tap **Add friends**.
5. At the **Send sharing requests** prompt, tap **Yes**.

Your friend will receive an email or text message with your location marked on a map. They will also receive instructions on how to view your location from the web or use Latitude on their phone provided it is available. Once they acknowledge your request, their location will display on

your phone. They can share their location from their computer or phone. For more information, go to <http://www.google.com/latitude>.

6. To view the map, press  → **Map view**.

Latitude Options

- ▶ From the map display, press  to display the following options:
 - **Search:** allows you to search for a place of interest.
 - **Directions:** displays navigation directions to a location from a starting point.
 - **Clear Map:** allows you to remove all markings and layers from the map.
 - **More:** allows you to view the following:
 - **Map:** displays the map view.
 - **Places:** opens Google Places (see "Photo editor" on page 147).
 - **Navigation:** opens Google Map Navigation (see "Navigation" on page 145).
 - **Latitude:** lets you find family and friends.
 - **Location history:** lets you store your location history and charts various statistics.
 - **My Places:** allows you to see locations you have marked as a favorite such as restaurants, museums, parks, and so forth. Press and hold on a location and when the screen displays with the

address, tap the star in the upper-right corner. It will be listed in your Starred Places.

- **Settings:**

- **Cache Settings:** allows you to set options to pre-fetch map tiles when not using WiFi and to clear the cache that holds the map tiles.
 - **Location reporting:** allows you to set options for location reporting, history, location sharing, and check-ins.
 - **Labs:** this is a testing ground for experimental features that aren't ready for primetime. They may change, break or disappear at any time. Click on a Lab to enable or disable it.
 - **Terms, Privacy & Notices:** displays the Terms and Conditions, Privacy Policy, or Legal Notices information. Select the desired information from the pop-up menu.
 - **About:** displays general information about Google maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.
- **Help:** displays the Google Mobile Help web page where you can receive help on Google Maps.



Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

Important! Before using Google Maps you must have an active data connection. The Maps application does not cover every country or city.

Enabling a Location Source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source (wireless network or GPS satellites).

1. From the Home screen, tap  → **Settings**  → **Location and security**.
2. Tap **Use wireless networks** to enable location determination based on nearby cell towers.
3. Tap **Use GPS satellites** to enable location determination using GPS satellites.
4. Tap **Use sensor aiding** to enhance positioning and save power using sensors.



Tip: Use of GPS satellites for positioning requires a clear view of the sky and uses more battery power.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings

- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows


Using Maps

1. From the Home screen, tap  → **Maps** .

A map will display with your location in the very center.

2. Locate the top row of the application to access the following options:

- **Search Maps:** allows you to search for a place of interest.
- **Layers:** allows you to add information to the map:
 - **Traffic:** (available only in selected areas) Real-time traffic conditions are displayed over roads as color-coded lines.
 - **Satellite:** displays Google Earth satellite image. Satellite images are not real-time.
 - **Terrain:** displays a topographical view of the terrain around the current map location.
 - **Transit Lines:** adds transit lines to your map.
 - **Latitude:** allows you to see your friend's locations and share your location with them.
 - **My Maps:** displays a list of your preferred maps.
 - **Bicycling:** adds cycling trails to your map.
 - **Wikipedia:** displays any Wikipedia markers and info on your map.



3. Press  to display the following options:
 - **My Location:** when touched, the location displays on the map with a blinking blue dot.
 - **Search:** allows you to search for a place of interest.
 - **Directions:** displays navigation directions to a location from a starting point.
 - **Clear Map:** allows you to remove all markings and layers from the map.
 - **More:** allows you to view the following:
 - **Map:** displays the map view.
 - **Places:** opens Google Places (see “Photo editor” on page 147).
 - **Navigation:** opens Google Map Navigation (see “Navigation” on page 145).
 - **Latitude:** lets you find family and friends.
 - **Location history:** lets you store your location history and charts various statistics.
 - **Settings:**
 - **Cache Settings:** allows you to set options to pre-fetch map tiles when not using WiFi and to clear the cache that holds the map tiles.
 - **Location reporting:** allows you to set options for location reporting, history, location sharing, and check-ins.
 - **Labs:** this is a testing ground for experimental features that aren't ready for primetime. They may change, break or disappear at any time. Click on a Lab to enable or disable it.

- **Terms, Privacy & Notices:** displays the Terms and Conditions, Privacy Policy, or Legal Notices information. Select the desired information from the pop-up menu.
- **About:** displays general information about Google maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.
- **Help:** displays the Google Mobile Help web page where you can receive help for Google Maps.


Market

Android Market provides access to downloadable applications, books, movies and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

Before using the Android Market you must have a Google Account. For more information, refer to “Using Gmail” on page 88.

1. From the Home screen, tap  → **Market** .
2. The first time you sign in, the Android Market Terms of Service will be displayed. Tap **Accept** to continue or **Decline** to exit.
3. Tap one of the category icons to download or purchase applications, books, movies or games. You can also download updates to existing applications.

– or –

Tap  to search for a file.

4. Follow on the on-screen instructions.



Note: To use any downloaded market application that requires a USB connection between your phone and your PC, you should first set the USB utilities setting to **Connect storage to PC**. For more information, refer to “USB utilities” on page 92.




Messaging

You can send and receive messages and other features associated with messaging such as Email, Gmail, and Google Talk. For more information, refer to “Messaging” on page 81.

Mini Diary

The Mini diary allows you to keep a diary of your daily activities and also attach pictures. You can publish your diary entries to Facebook and MySpace.

1. From the Home screen, tap  → **Mini Diary** .
2. If prompted, tap **Yes** to allow required network connectivity.
3. Tap **Create diary** to start a new diary entry.

4. To add a photo for this diary event, Tap the **Tap to add photo** field and touch the source. Selections are: **Camera**, **Gallery** or **S Memo**.
5. Tap the **Add location** area of the screen, enter text, then tap **Done**.
6. Tap the **Tap to add text** area of the screen and enter text then tap **Done**.
7. Tap the weather data icon in the top right corner and select a weather condition from the list to describe the weather conditions for this entry.
8. Tap **Save**.
9. The diary entry is added to your Mini Diary with today's date.
10. While in a diary entry that has been previously saved, and does not have a photo, press  to display the following options:
 - **Create**: allows you to create a new diary entry.
 - **Delete**: allows you to delete a diary entry.
 - **Go to**: allows you to go to a specific day on the calendar.
 - **Publish**: allows you to publish your diary to Facebook.
- **Send via**: allows you to send your Diary entry by Email or Messaging.
11. While in a diary entry that has been previously saved, and does have a photo, press  to display the following options:
 - **Create**: allows you to create a new diary entry.
 - **Delete**: allows you to delete a diary entry.
 - **Go to**: allows you to go to a specific day on the calendar.
 - **Change photo**: allows you to change your photo if you have already added one. This option only displays if a photo has been added.
 - **Delete photo**: allows you to delete your photo. This option only displays if a photo has been added.
 - **More**: select one of the following options:
 - **Publish**: allows you to publish your diary to Facebook.
 - **Send via**: allows you to send your Diary entry by Email or Messaging.
12. At the Mini Diary screen, press  to display the following options:
 - **Search**: allows you to search your diaries for a particular word or words.
 - **List by**: allows you to sort by Date or Location.
 - **Delete all**: allows you to delete all diary entries.

- **Settings:** allows you to select **Auto update** which will update your Selected city based on GPS.



Music player

Music player allows you to play music files that you have stored on your phone and memory card. You can also create playlists.

For more information, refer to “*Music player*” on page 65.

My Files

My Files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location.

1. From the Home screen, tap  → **My files** .
2. The following folders display:
 - **Android:** the Android folder stores files that are used in Android applications.
 - **bluetooth:** this folder stores files sent via a Bluetooth device.
 - **DCIM:** this is the default location for pictures and videos taken by the device. Tap **DCIM** → **Camera** to view the picture or video files. For more information, refer to “*Accessing Pictures*” on page 74. Also, see “*Accessing Videos*” on page 78.
 - **external_sd:** this folder displays all of the files stored on an inserted memory card.

Note: Different folders may appear, depending on how your phone is configured.

Navigation

Google Maps Navigation (Beta) is an internet-connected turn-by-turn, GPS navigation system with voice guidance.



Caution! Traffic data is not real-time and directions may be wrong, dangerous, prohibited, or involve ferries.

Important! Before using Navigation you must enable the GPS function. The Navigation application does not cover every country or city.

To receive better GPS signals, avoid using your device in the following conditions:


- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows



Launching Navigation

1. From the Home screen, tap  → **Navigation** .
2. If this is the first time the application has been opened, read the on-screen disclaimer and tap **Accept**.

3. Choose from the following on-screen options:
 - **Driving/Walking:** configures the method of travel. Selection of Walking negates the need to track traffic jams and obstructions.
 - Driving mode enables the **Settings** feature that allows you to configure your Route options: **Avoid highways** and **Avoid tolls**.
 - **Route options:** lets you choose whether to avoid highways and tolls.
 - **Map:** enables the on-screen real-time map functionality.
 - **Speak Destination:** allows you to use the voice recognition feature to search for locations in your area.
 - **Type Destination:** allows you to manually enter a destination address (via the on-screen keypad).
 - **Contacts:** allows you to receive turn-by-turn directions to the address stored for a selected Contacts entry.
 - **Starred Places:** allows you to obtain directions to locations that have been starred.
 - **Recent Destinations:** allows you to access information on previous destinations you have used. This option only appears after you have entered one or more destinations.

Navigation Options



1. While navigating, press  for the following options:
 - **Search:** Find a location.
 - **Route Info:** View information about the current route.
 - **Layers:** Choose map layers to display.

- **Mute/Unmute:** Mute to silence voice-guided prompts.
 - **Exit Navigation:** Close Navigation and discard route information.
 - **More:** The following options are available:
 - **Directions List:** View directions in a step-by-step list.
 - **Set Destination:** Choose or enter a destination.
 - **Help:** Learn about Google maps.
 - **Terms, Privacy & Notices:** View information about Google Maps, including the Service Agreement and Privacy Policy, and give Feedback.
2. If Driving, press  → **Route Info**, then touch  **Route options** to set whether directions should **Avoid highways** and **Avoid tolls**.

Obtaining Driving Directions

Your phone's built-in GPS hardware allows you to get real-time driving directions to selected locations or establishments based on your current location.


Using a Physical Address

1. From the Home screen, tap  → **Navigation** .
2. Tap either **Speak Destination** or **Type Destination**.

3. If typing in the address, enter the address, City, and Province using the keypad. As you type, possible addresses will be displayed. Tap on one when you see the address you want.

The route will be displayed.

4. If speaking the address, when “Speak now” appears on the screen say the address.
5. The suggested route is displayed on the map and voice guidance is turned on. As you follow the directions the display will be updated and you will receive voice-guided navigation directions.

Tip: To view a complete list of directions to your destination, tap  on the map screen.

News & Weather

The News & Weather application allows you to view the news and weather in your area.

1. From the Home screen, tap  → **News & Weather** .
2. Select from any of the available tabs: **Weather**, **Top Stories**, **Canada**, **Sports**, and **Entertainment**.

Tip: On the Weather screen, tap the temperature reading to display a graph mapping the day's temperature and humidity.


3. While in any of the screens, you can also press  to display the following options:
 - **Refresh:** allows you to refresh the screen. Your location and the weather is updated if there have been any changes.
 - **Settings:** allows you to set weather, news, and refresh settings.
 - **Weather settings:** allows you to choose location(s) and set the metric for temperature displays.
 - **News settings:** allows you to choose topics, configure settings for fetching articles and images, and view the terms of service for news service.
 - **Refresh settings:** allows you to choose options for updating content.
 - **Application version:** displays the application version number.




Photo editor

The Photo editor application provides basic editing functions for pictures that you take on your phone. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the picture. For more information, refer to “Photo editor” on page 79.

Places

Google Places displays location information on a layer of Google Maps. When viewing an area you can quickly locate a business or

person, find out more information about the business, see coupons, public responses, and more.

1. From the Home screen, tap  → **Places** .
2. Tap on one of the business categories or tap  to search for a particular business.



All of the businesses that are close to you will be displayed.

3. Tap the name of a place to view the address, phone number, website address, photos, reviews, directions, and more.
– or –
Tap the Maps icon to see the location of the listed places on the map.

Polaris Office

Polaris[®] Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.



1. From the Home screen, tap  →  **Polaris Office**.

2. Enter your Email information (if desired) and touch **Register** to complete the process.

– or –

Touch **Later** to skip registration.



The main Polaris Office screen displays. **My files** displays your file folders. **Recent documents** displays a list of recently opened documents. **Web files** displays a list of documents uploaded to Box.net.

3. Touch  to search for document files by using a text string.
4. Press  to access these additional options:
 - **Manage files:** allows you to manage your files. You can Move, Copy, and Delete.
 - **Sort by:** Allows you to sort by File name, Date, Size, or Type.
 - **Settings:** Displays the following options:
 - **Create back-up file:** Touch the check box to enable creating a back-up file when you save documents.
 - **Display file extensions:** Touch the check box to enable the display of file extensions.
 - **Pivot lock:** allows you to lock the screen so that it won't move between landscape and portrait mode when you rotate your phone.

- **Custom zoom:** allows you to enter a customized zoom level between 50 and 200 that you can access from the zoom option.
- **Accounts:** Touch to manage the accounts you have created.
- **Live update:** Touch to make sure you have the latest version of Polaris Office.
- **About:** Displays the Polaris Office version and build numbers.



S Choice

S Choice allows you to download apps designed specifically for the Galaxy Note's S Pen UI directly from Samsung Apps.

- ▶ From the Home screen, tap  → **S Choice** .

S Memo


The S Memo application allows you to create memos using the keypad, the S Pen tool, or both. You can add images, voice recordings, and text all in one place.


- ▶ From the Home screen, tap  → **S Memo** .

The S Memo screen opens and displays thumbnail images of the existing memos.

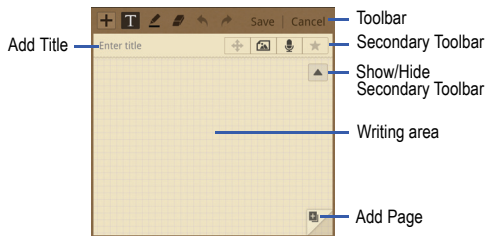



To open an existing memo, tap the thumbnail.

To open a new memo in text entry mode, tap .


To open a new memo in drawing mode, tap .


The following options appear on the new memo screen..





 Saves the memo.


 Displays the keypad to allow you to add text.


 Allows you to add free-format drawing using the S Pen.

 Eraser tool allows you to erase marks and drawings.


 Undo the last action.


 Redo the last action that was undone.


 Displays the full screen.

 Add pictures, clip art, maps, etc.

 Make a voice recording to add to the memo.


 Mark the memo as a favorite.

 Hide the secondary toolbar.

 Show the secondary toolbar.

 Add an additional page to the memo.



Creating a New Memo


1. From the main Home screen, tap **S Memo** .

The S Memo screen is displayed.

2. Tap an existing Memo to open it.

– or –

Tap  to start a new memo with the keypad displayed or tap  to start a new memo using the S Pen. You can change back and forth in a memo to add text with the keypad and the pen.

3. Press  to access the following options:

Note: Depending on whether you have saved the memo, are in keypad mode, or in S Pen mode, different options will appear. The following is a list of the options you may see.

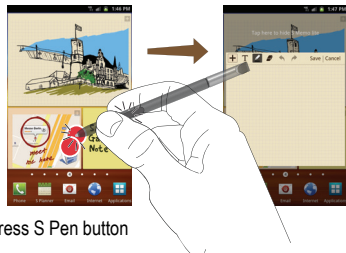
- **Set as:** allows you to set a memo as a contact icon, Home screen wallpaper, Lock screen wallpaper, or a widget.
 - **Handwriting-to-text:** allows you to transcribe handwriting into text.
 - **Share via:** allows you to share your memo using AllShare, Social Hub, Photo editor, Messaging, Picasa, Wi-Fi, Bluetooth, Gmail, or Email.
 - **Change background:** allows you to set the background for your memo. Swipe the screen to the left or right to select a background and then tap **Set skin**.
 - **Add tag:** allows you to set tags to add in searches.
 - **More:** the following additional options are available:
 - **Export:** lets you save the memo to your Gallery or as a PDF file.
 - **Lock:** allows you to lock an email by using a PIN number.
 - **Link to S Planner:** allows you to link the memo to your calendar.
 - **Print:** allows you to print the screen or web page on a Samsung printer using Wi-Fi.
 - **Save as:** lets you enter a title and save the memo.
4. When you are finished creating your memo, tap **Save** on the top menu bar.

S Memo Lite

S Memo Lite is an application that you can launch from any screen to take quick notes or jot down ideas. It's a great way to take notes during a phone call or write down ideas while surfing the web.


To launch S Memo Lite, follow these steps:

1. From any screen, hold the S Pen button and double-tap the screen.



Press S Pen button

2. Enter your memo using the keypad or the S Pen. Icons and options are the same as S Memo. For more information, refer to "S Memo" on page 149.
3. Tap **Save** when you are finished. Memos are saved in the S Memo folder.

- From the main Home screen, tap  to see all of your memos.

Samsung Apps

Samsung Apps allows you to easily download an abundance of useful applications to your phone and to keep them updated. Featuring a wealth of games, news, reference, social networking, widgets, health related applications, and more, Samsung Apps gives you instant access to a huge selection of mobile experiences.

Your phone can use the fully optimized applications from Samsung Apps, which can be automatically updated.

1. From the Home screen, tap  → **Samsung Apps** .
2. Search for and download applications as required.

Note: This feature might not be available in your region. For details, visit www.samsungapps.com.

Settings




This menu allows you to adjust the various settings for your phone. For more information, refer to “*Changing Your Settings*” on page 90.

Social Hub

With Social Hub, you can now easily and intuitively satisfy all of your relevant communication needs from one integrated user



experience. E-mails, instant messaging, social network contents, and calendar contents from all major service providers are available.

To access Social Hub, follow these steps:

1. From the Home screen, tap  → **Social Hub** .
2. If this is the first time Social Hub has been opened, the Welcome to Social Hub page describes all of the available features. Tap **Setup now** to setup your Social Hub account. If the application has previously been opened, tap **Add Account** to start setting up your Social Hub account.
3. Tap on an account type that you would like to setup. Choose an Email account, SNS account, or IM account.
4. Follow the on-screen instructions for adding an account.
5. From the Social Hub main screen, tap the **Feeds** or **Messages** tabs to see information pertaining to your account.
6. To add another account, press  → **Add account**.

Tags

This application is used for organizing and sharing Near Field Communication (NFC) tags. You can scan a tag by turning on your device and placing it near the tag.

1. From the Home screen, tap  →  **Tags**.
2. Read the on-screen tutorial screen and follow the navigation instructions.

Turning on the NFC feature:

- ▶ From the Home screen, tap  → **Settings** → **Wireless and networks** → **NFC**.



Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts. For more information, refer to “Talk” on page 89.

Task Manager

The Task Manager application provides information about the processes and programs running on your phone, as well as the memory status. It can also be used to terminate processes and applications.

To access the Task manager, follow these steps:



1. From the Home screen, tap  → **Task manager** .
2. The Task Manager options are located at the top of the screen. The following options are available:
 - **Active applications:** displays all of the applications that are presently running on your phone. Tap **Exit** to end an application, or tap **Exit all** to end all running applications.
 - **Downloaded** displays any installed packages or applications from Android Market that are taking up memory space. Tap **Uninstall** to remove them from your phone.
 - **RAM**, displays the amount of RAM (Random Access Memory) currently being used and allow you to **Clear memory**.
 - **Storage:** displays a summary of your device’s storage (used and available).
 - **Help:** displays information on how to extend battery life.







Videos

The Video Player application plays video files stored on your memory card. For more information, refer to “Videos” on page 68.

Voice Recorder

The Voice Recorder allows you to record an audio file and play it back or send it in a message. Maximum recording time will vary based on the available memory within the phone.



1. From the Home screen, tap  → **Voice Recorder** .

- To start recording, tap  and speak into the microphone.
- During the recording process you can either tap **Stop**  to stop and save the recording or **Pause**  to temporarily halt the recording. After pausing, tap  to resume recording. Once the audio recording has stopped, the message is automatically saved. Tap  to cancel the recording without saving.
- A list of all your voice recordings is displayed under the control buttons. Tap a voice recording to play it.
- Press  to display the following options:
 - **Share**: allows you to share your recording using Bluetooth, Email, Gmail, Messaging, or Wi-Fi.
 - **Delete**: allows you to delete 1 or more voice recordings. Tap the recordings to delete and tap **Delete**.
 - **Rename**: allows you to rename your recordings.
 - **Settings**: the following settings are available:
 - **Storage**: allows you to choose where your recordings will be saved. Select between Phone or memory card.
 - **Default name**: allows you to choose the name prefix for your recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, Voice 003, etc.


- **Recording quality**: allows you to set the recording quality to High or Normal.
- **Limit for MMS**: allows you to select On or Off. If you Limit for MMS by selecting On, you will be assured that the recording can be sent in a message.

Voice Search

The Voice Search feature is a voice-activated application that allows you to speak search terms that the phone uses to perform a Google search.

- From the Home screen, tap  → **Voice Search** .

– or –

From the main Home screen, tap  on the right side of the Google Search bar.



- The **Speak now** screen will display. Speak clearly into the microphone.
- The **Working** screen will display as it searches for you.
- Results will display on the screen. Tap a link to view the information.

– or –

The **No matches found** screen will display if Voice Search was not able to find a match. Tap **Try again** or **Cancel**.

Voice Talk





With the Voice Talk application you can use your voice to perform operations that you would normally have to do by hand, such as dialing a phone number, sending a text message, or playing music.

1. From the Home screen, tap  → **Voice Talk** .
2. Read the Samsung Disclaimer then tap **Confirm** to continue.
3. Read the Vlingo Terms of Service then tap **Agree** to continue.
4. Read each information screen and then tap **Next**. After the last screen tap **Done**.
5. At the Voice talk screen, say the wake-up command (the default is "Hi Galaxy"), tap on an icon for assistance in using Voice command or tap **Tap & Speak** to speak what you would like to do.
6. Follow the on-screen instructions.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

Note: YouTube is a data-intensive feature. It is recommended that you use a Wi-Fi connection or subscribe to a large data plan to avoid high data charges.

1. From the Home screen, tap  → **YouTube** .
2. Tap the search field  to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, tap an available preview thumbnail or tap the title link.
4. If you prefer high quality video, as the video starts to play, tap **HQ**.
5. Tap  to open your camcorder so you can record your own videos.

Note: It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options, access the page via the Web browser and tap **Sign in** at the top right corner, enter your YouTube or Google username and password, and tap **Sign in**.

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