

# Samsung GALAXY Tab 8.9

A N D R O I D   T A B L E T  
U s e r   M a n u a l

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



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## Section 1: Getting Started

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This section helps you to quickly start using your device.

### Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 181.

Also included is important safety information, beginning on page 157, that you should know before using your device.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to “*Securing Your Device*” on page 10.

---

**Note:** Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device’s settings.

Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device’s settings.

---

### Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Notes:** Presents alternative options for the current feature, menu, or sub-menu.
- **Tips:** Provides quick or innovative methods or useful shortcuts.
- **Important:** Points out important information about the current feature that could affect performance.
- **Warning:** Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

### Text Conventions

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

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

From a Home screen, touch  **Apps** →  **Settings**  
→ **Wireless and networks** → **Wi-Fi settings**.

## Battery

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

---

**Note:** The battery comes partially charged. You must fully charge the battery before using your device for the first time.

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


---

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

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## Battery Indicator

The Battery icon  in the Status Bar shows the battery power level. When battery power is 15% or less, your device prompts you to charge the battery. If you continue to operate the device without charging, the device powers off. For battery use information, see “About Device” on page 155.

---

**Tip:** Touch the Time field to display battery charge status.

---

## Charging the Battery

Your device comes with a Wall/USB Charger (Outlet Connector, Charging Head, and USB cable) to charge your device from any standard AC power outlet.

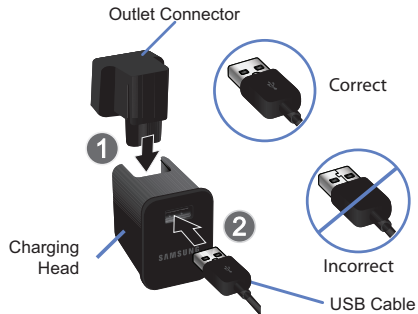
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**Note:** The battery comes partially charged. You must fully charge the battery before using your device for the first time.

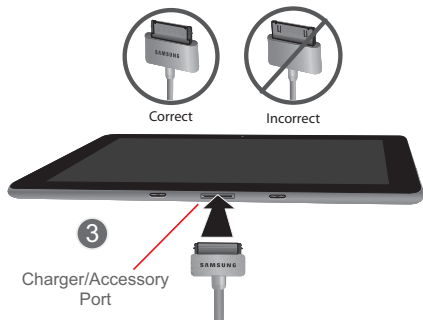
After the first charge, you can use the device while charging.

---

1. Carefully slide the Outlet Connector into the Charging Head (1), making sure the connection is secure.



2. Insert the USB cable into the Charging Head (2).
3. Insert the USB cable into the device's Charger/Accessory Port (3).



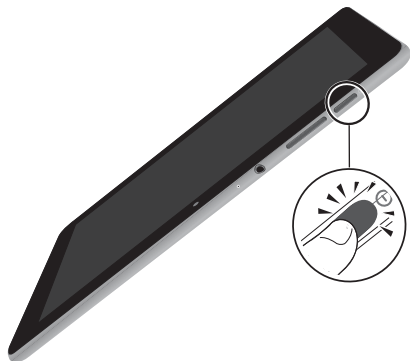
4. Plug the Charging Head into a standard AC power outlet.
5. When charging is complete, unplug the Charging Head from the power outlet and remove the USB cable from the device.

## Turning Your Device On and Off

### Turning Your Device On

- ▶ Press and hold the **Power/Lock Key** .

For more information, refer to "Unlocking the Device" on page 10.



**Note:** Your device's internal antenna is located along the top back of the device. Do not block the antenna; doing so may affect signal quality and may cause the device to operate at a higher power level than is necessary. For more information, refer to "GPS Applications" on page 104.

## Turning Your Device Off

1. Press and hold the **Power/Lock Key** .
2. At the prompt, touch **Power off**.

## Setting Up Your Device

When you first turn on your device, you are asked to set up a few things.

1. A **Welcome** screen displays. Scroll through the list and touch the language you want your device to use, such as, English (United States). Touch **Start**.
2. On the **Wi-Fi setup** screen, chose one of the following options:
  - Touch **Add network** to enter a Network SSID that is not listed.
  - Touch **Refresh list** to make sure you have an accurate list of Wi-Fi networks.
  - Touch one of the Wi-Fi networks in the list, enter the password, and touch **Connect**. Touch **Back** to connect to a different Wi-Fi network or touch **Next** to continue.
  - Touch **Skip** to perform this task later. For more information, refer to “*Wi-Fi Settings*” on page 131.
3. Read the **Use Google location service** screen information and enable either or both of the Google location services. Touch **Next** to continue.

4. On the **Set date and time** screen, touch repeatedly above or below the **Date** (month, day, year) and **Time** (hour, minute, and AM/PM) fields to set the correct date and time. Touch **Next**.
5. Your new device uses your Google account to fully utilize its Android features, including Gmail, Maps, Navigation, Google Talk, and the Android Market.

The **Sign in with your Google Account** screen, allows you to create a new Google account or sign in, if you already have a Google account.

- Touch **Next** and then touch **Create account** or enter the email address and password of your existing account.
- or –
- Touch **Skip** to perform this task later. For more information, refer to “*Setting Up Your Gmail Account*” on page 51.

---

**Note:** If you try to sign in to your Google account and you skipped Wi-Fi setup, the **Google Account sign-in failure** screen displays. Touch **Connect to Wi-Fi**, if you want to set up your Wi-Fi connection to complete your Google account sign in.

---

6. Read the **Backup and restore** screen information and enable either or both options.

## 7. Touch **Done**.

The main Home screen displays.

## Retrieving 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 retrieve 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 and follow the on-screen instructions.

## Using Google Maps

In order to use some applications related to Google Maps, you must first connect Wi-Fi. For more information, refer to “*Wi-Fi Settings*” on page 131.

You must also enable location services to use Google Maps. Some features require Standalone or Google location services. For more information, refer to “*Location and Security*” on page 139.



## Task Manager

Your device can run applications simultaneously and some applications run in the background.

Use Task Manager to see which applications are running on your device and to end running applications to extend battery life. You can also uninstall applications from your device and see how much memory is used by applications.


Task Manager provides information about **Active applications** and includes a **RAM manager**.

To access the Task Manager:

1. From a Home screen, touch  **Mini App Tray**  
→  **Task manager**.  
– Or –

Add the Program monitor widget to a Home screen and then touch the Program monitor widget. For more information, refer to “*Widgets*” on page 22.

Task manager displays.

2. Touch the **Active applications** tab to view applications running on your device. Touch  to end an application or **End all** to stop all running applications.

3. Touch the **RAM manager** tab to display the amount of Random Access Memory (RAM) currently in use. Touch **Clear memory** to clear inactive and background processes.
4. Touch the **X** in the top right corner of the Task Manager pop-up to close the application.

## Galaxy Tab Accessories

To find accessories for your Galaxy Tab:

1. Go to <http://www.samsung.com/us/mobile/galaxy-tab-accessories>.

Galaxy Tab accessories display.

2. Use your model number to find compatible accessories.

## Securing Your Device

By default, the device locks automatically when the screen times out or you can lock it manually. You can unlock the device using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see “*Configure Lock Screen*” on page 140.

For other settings related to securing your device, see “*Location and Security*” on page 139.

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

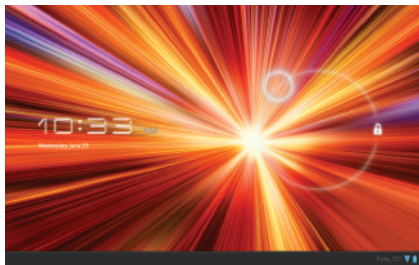
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### Locking the device manually

- ▶ Press the **Power/Lock Key** .

### Unlocking the Device

1. Press the **Power/Lock Key** .
2. Touch and drag the **Unlock**  icon to the edge of the circle that appears, as shown.



The last screen you accessed displays.

---

**Note:** You can choose the type of Screen Unlock you want to use, from Pattern, PIN or Password. For more information, refer to “*Location and Security*” on page 139.

---

## 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 10 to 15 seconds.

## Android System Recovery



Android System Recovery is used for Google updates. The average user should never need to perform a system recovery.

---

**Note:** If you entered this menu by mistake, use the Volume Up/Down key to select **reboot system now**, then press the **Power/Lock Key** . Your device then continues to boot up.

---

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

1. Turn the device off.
2. Press the **Volume Down Key**  and then press the **Power/Lock Key**  at the same time until the device switches on.

---

**Tip:** Volume Down is the end closest to the Power/Lock Key.

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3. Once the SAMSUNG logo appears, release the Power/Lock key while continuing to press the Volume Down key.
4. Continue to press the Volume Down key until the Android System Recovery / Downloading screen displays.
5. Release the Volume Down key.
6. Press the Volume Down key to toggle between Downloading mode and System Recovery mode. Make sure the System Recovery mode (on the left) is blinking.
7. Press the Volume Up key to enter System Recovery mode.  
The following options are available:

- **reboot system now:** Turns on your device.
  - **apply update from /sdcard:** Not applicable for your device.
  - **wipe data/factory reset:** Deletes all data from the device except captured pictures and videos. For more information, refer to “*Factory Data Reset*” on page 148.
  - **wipe cache partition:** Deletes all cache data, such as log files.
8. Press the Volume Up/Down key to scroll up or down, then press the Power/Lock key to make a selection.

## Section 2: Understanding Your Device

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This section outlines key features of your device and describes the screen and the icons that appear when the device is in use. It also shows how to navigate through the device.

### Features

- 8.9-inch WXGA PLS TFT LCD touch screen
  - Android™ 3.1, Honeycomb
  - Android Market™ for access to over 200,000 Apps
  - Full HTML Web Browser with Adobe® Flash® Technology
  - Bluetooth® 3.0 Wireless technology. For more information, refer to “*Bluetooth Settings*” on page 133.
  - Built-in Wi-Fi technology (801.11 a/b/g/n)
  - 3 Megapixel Camera/Camcorder with Flash, plus 2 Megapixel forward-facing Camera for Video Chat
  - Messaging Features:
    - Gmail
    - Email (corporate and personal)
    - Google Talk (Instant Messaging)
  - Photo Gallery that supports JPEG, PNG, GIF, WBMP, BMP, and AGIF formats
- HD Video Player (720p)
    - Codec: MPEG4, H.264, H.263, VC-1, XviD, WMV7/8, VP8, MP43
    - Format: 3GP (MP4), WMV (ASF), AVI, and DivX
  - DivX Certified® to play DivX® video up to HD 720p, including premium content
  - Music Player that supports WAV, MP3, AAC+, eAAC+, AMR, WMA, MID, FLAC, IMY, RTTTL/RTX, OTA, and Vorbis formats
  - 1GB RAM memory and 16GB or 32GB on-board memory, which is used for data storage and access
  - Media Hub
  - Music Hub
  - Polaris® Office provides a central place for managing your documents online or offline
  - Readers Hub
  - Social Hub

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**Note:** This device does not support external memory cards.

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**Warning:** This device does not support some USB storage media devices. For more information, refer to “*Galaxy Tab Accessories*” on page 10.

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## Front View

The following items can be found on the front of your device as illustrated.

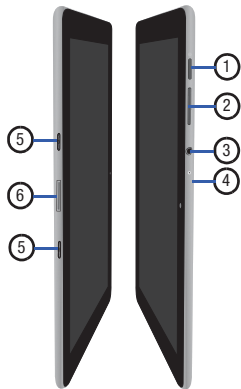
1. **Light Sensor:** Used to control screen brightness automatically and when taking photos with the Front-facing Camera.
2. **Front-facing Camera Lens:** Used when taking photos.
3. **Display Screen:** The orientation of the display screen rotates with the tablet as you turn it. You can turn this feature on and off. For more information, refer to “Auto-Rotate Screen” on page 138.



## Top and Bottom Views

The following items can be found on the top and bottom of your device.

1. **Power/Lock Key:** Press and hold to turn the device on or off. Press to lock the device or to wake the screen for unlocking.
2. **Volume Key:** From a Home screen, press to adjust Master Volume. During music playback, press to adjust volume.
3. **3.5mm Headset Jack:** Plug in for headphones.
4. **Microphone:** Used to pick up your voice or audio during recording.
5. **External Speakers:** Used in music or video playback, notification tones, and for other sounds.

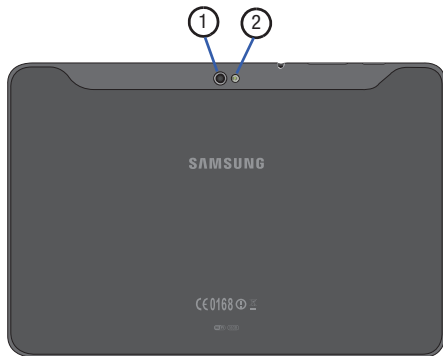


- 6. Charger/Accessory Port:** Plug in a USB cable for charging or to sync music and files.

## Back View

The following items can be found on the back of your device.

- 1. Camera Lens:** Used when taking photos or recording videos.
- 2. Camera Flash:** Used when taking photos.



## Home Screen

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

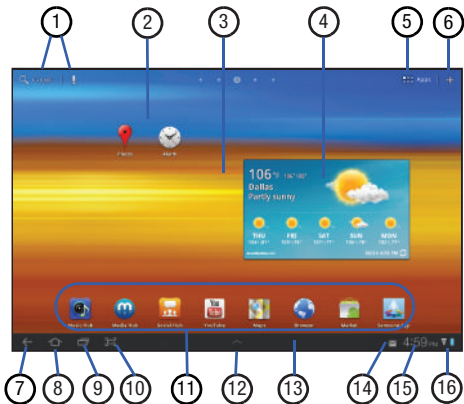
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**Note:** Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

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- 1. Google and Voice Search:** Search your tablet and the web by typing or speaking. For more information, refer to “*Google Search*” on page 71.
- 2. Shortcuts:** Shortcuts to common applications. These shortcuts are found on the Home screen by default. For more information, refer to “*App Shortcuts*” on page 26.
- 3. Home screen:** The starting point for using your device. Place shortcuts, widgets and other items to customize your device to your needs.
- 4. Widgets:** Applications that run on the Home screen. These widgets are found on the Home screen by default. For more information, refer to “*Widgets*” on page 22.
- 5. Apps:** Display the Apps screen.

6. **Customize or Menu:** Display options for the current screen. From a Home screen, you can add Widgets and App shortcuts, and change the Home screen wallpaper by touching **+** **Customize**. From application screens, touch **☰** **Menu** to display options for the current screen. For more information, see “*Widgets*” on page 22, “*App Shortcuts*” on page 26, and “*Wallpapers*” on page 27.



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**Tip:** The area across the top of the screen is called the Application Bar.

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7. **Back:** Return to the previous screen or option.
8. **Home:** Display the central Home screen.
9. **Navigation:** Open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.
10. **Screen Capture:** Captures a picture of the current screen and saves it in the /Root/ScreenCapture folder. For more information, refer to “*MyFiles*” on page 119.
11. **Primary Shortcuts:** Shortcuts to common features. For more information, refer to “*Primary Shortcuts*” on page 21.
12. **Mini App Tray:** Shortcuts to apps that you can use anytime, such as your calendar, a memo pad, and a calculator. For more information, refer to “*Mini App Tray*” on page 28.
13. **System Bar:** The area along the bottom of the Home screen where you can find navigation buttons and icons that show notifications, battery power, and connection details.

- 14. Notification Icons:** Presents icons to show notifications from the system or from an application. Touch a Notification Icon to display more detail. For a list of icons, see “*Status Bar*” on page 20.
- 15. Time:** The current time. For more information, refer to “*Date and Time*” on page 154.
- 16. Status Icons:** Indicate the status of your tablet. Touch the Time / Status Icons area to display the Status Details panel. For more information, refer to “*Status Bar*” on page 20.

---

**Note:** Network status icons turn blue if you have a Google Account added to your tablet and the tablet is connected to Google services for syncing your Gmail, Calendar events, contacts, backing up your settings, and so on. If you do not have a Google Account or if, for example, you are connected to a Wi-Fi network that is not connected to the Internet, the network icons are gray.

---

## Extended Home Screen

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



Slide your finger horizontally across the screen to scroll to the left or right side panels.

---

**Note:** The center panel displays when you touch  **Home**.

---

## Customizing the Home Screens

To customize the Home screens to suit your preferences just navigate to the desired Home screen, then:

1. Touch  **Customize**.

– or –

Touch and hold on the screen

The **Add to Home screen** options screen displays.

2. Touch one of the options:

- **Widgets:** For more information, refer to “*Widgets*” on page 22.
- **App shortcuts:** For more information, refer to “*App Shortcuts*” on page 26.
- **Wallpapers:** For more information, refer to “*Wallpapers*” on page 27.
- **More:** For more information, refer to “*More*” on page 27.

### Screen Settings


You can customize display screen settings to your preferences. For more information, refer to “*Screen Settings*” on page 137.

### Navigating Your Device


Use command buttons and the touch screen to navigate.

#### Command Buttons

##### Back


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

---


**Note:** When the on-screen keyboard is active,  **Close Keyboard** displays.

---


##### Home



Touch  **Home** to display the first center Home screen.

### Navigation

Touch  **Navigation** to open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.

### Screen Capture

Touch  **Screen Capture** to take a snapshot of the screen currently displayed. To view the screen shots:

1. From a Home screen, touch  **Apps** →  **MyFiles**.
2. Touch **ScreenCapture**.
3. Touch a screen capture file to display it.


### Other Buttons

#### Google Search

Touch  **Google** to search the web or your device.

#### Context-Sensitive Menus

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

- Touch  **Menu** to display a list of options.
- Touch an option in the list.

## Screen Navigation

### Touch

Touch items to select or launch them. For example:

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

### Touch and Hold

Activate on-screen items. 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.

### Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

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

### Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out. For example:

- Pinch a photo in Gallery to zoom in.
- Pinch a webpage to zoom in or out.



## Notifications

Notification icons appear in the System Bar, to the left of the Time when you receive a notification. Notifications indicate the arrival of Gmail, Email, alarms, calendar events, and so on.

Touch a Notification icon for more detail. For example, touch a Gmail Notification icon to see who sent the message.

Touch the Time field to open the Notifications list to view all of your current notifications. Touch a Notification in the list to display the item. For example, touch a Gmail entry to open the Gmail application and view the message.

Most apps that send notifications, such as Gmail and Google Talk, have their own settings, which you can use to configure whether and how they send notifications, whether they sound a ringtone, and so on. See the documentation for those apps for details.

## Status Details

To display the current date and time, battery status, and Wi-Fi connectivity status, open Status Details.

1. Touch the Time in the Status Bar.

The Status Details displays. If you have any current notifications, their summaries are listed below the Status Details. Touch a notification summary to respond to it.

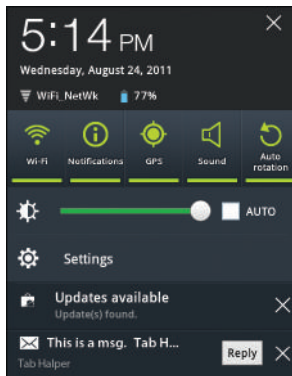
2. Close the Status Details by touching any other part of the screen.

## Quick Settings

To view and control the most common settings for your tablet, as well as accessing the complete Settings application, open the Quick Settings.

1. Touch the Time in the System bar.

The Quick Settings pop-up displays.



The Quick Settings are:

- **Wi-Fi:** Touch to enable or disable Wi-Fi. For more information, refer to “*Wi-Fi Settings*” on page 131.
  - **Notifications:** Touch to enable or disable system and application notifications. For more information, refer to “*Notifications*” on page 18.
  - **GPS:** Touch to enable or disable **Standalone GPS services**. For more information, refer to “*Use GPS Satellites*” on page 140.
  - **Sound / Vibration:** Touch to enable or disable sound mode. When sound is disabled, Vibration is enabled.
  - **Auto rotation:** Touch to enable or disable automatic rotation. When disabled, the screen does not rotate when you turn the tablet. For more information, refer to “*Auto-Rotate Screen*” on page 138.
  - **(Brightness):** Touch and drag the slider to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status. For more information, refer to “*Brightness*” on page 137.
  - **Settings:** Touch to open the Settings application. For more information, refer to “*Settings*” on page 131.
2. Touch a notification entry to display the details or touch **X** next to a notification of remove it.
  3. Close the Quick Settings by touching **X** in the upper right corner of the Quick Settings pop-up or by touching any other part of the screen.

## Status Bar

The Status Bar displays icons to show network status, battery power, and other details.



**Battery Level:** Shown fully charged.



**Charging Indicator:** Battery is charging.



**Device Power Critical:** Battery has only three percent power remaining. At about 15 percent power remaining, a popup is displayed to remind you to charge immediately.



**USB Charging Indicator:** The device is connected to a computer using a USB cable, but it is not charging. The battery is only charged while connected to a computer, if the device is turned off. When the device is off, press the Power/Lock key to see the battery charging indicator.



**USB Connected:** Device is connected to a computer using a USB cable. Displays in upper left corner of screen.



**USB Debugging:** Device is connected to a computer in debugging mode. For more information, refer to “*USB Debugging*” on page 144.



**Updates Available:** Updates to the applications you have downloaded are available.



**Download in progress:** An application is being downloaded to the device.



**Download Successful:** A recent application download or update completed successfully.



**Flight Mode:** Indicates that the Flight Mode is active, which allows you to use many of your device’s features, but it cannot access online information or applications.



**New Email Message:** You have new email. Touch the icon for additional information.



**New Gmail Message:** You have new Gmail. Touch the icon for additional information.



**Google Talk Invitation:** Someone has invited you to chat using Google Talk.



**Configure input methods:** When the keyboard is being displayed, touch this icon to display a menu of quick keyboard settings.





**Bluetooth Active:** Bluetooth is turned on. For more information, refer to “*Bluetooth*” on page 100.



**Music App:** A song is playing in the Music app. Touch the Music icon or touch the Status Details to see the song title and music player controls. For more information, refer to “*Music App*” on page 74.



**Music Player:** A song is playing. Touch the Music icon or touch the Status Details to see the song title and music player controls. For more information, refer to “*Viewing Your Music Library*” on page 78.



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



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



**Wi-Fi In Range:** An open Wi-Fi network is in range.



**GPS Active:** Displays when GPS is active.



**Navigation Active:** The Navigation App is active. For more information, refer to “*Navigation*” on page 70.



**Alarm Set:** Displays when you set an alarm to ring at a specified time. For more information, refer to “*Alarm*” on page 105.



**Power Saving Mode:** Indicates that your device is automatically making adjustments to conserve battery power. For more information, refer to “*Power Saving Mode*” on page 139.

## Primary Shortcuts

Primary Shortcuts appear at the bottom of the main Home screen.



**Music Hub:** The Music Hub lets you purchase and download songs and albums. For more information, refer to “*Music Hub*” on page 83.



**Media Hub:** Browse the latest movies and TV shows, then rent or purchase the media for viewing on your device. A shortcut to Media Hub appears on the Home screen by default. For more information, refer to “*Media Hub*” on page 96.



**Social Hub:** Access your social networks, like Facebook, YouTube, and Twitter, all in one place. For more information, refer to “*Social Hub*” on page 125.



**YouTube:** View and upload YouTube videos, right from your device. For more information, refer to “*YouTube*” on page 72.



**Maps:** Find locations and get directions with Google maps. For more information, refer to “*Maps*” on page 67.



**Browser:** Access the Internet. For more information, refer to “*Browser*” on page 62.



**Market:** Browse, download, and install Android applications. For more information, refer to “*Market*” on page 114.



**Samsung Apps:** Connect to Samsung Apps and make your smart device even smarter. Simply and easily download an abundance of applications to your device such as games, news, reference, social networking, navigation, and more. For more information, refer to “*Samsung Apps*” on page 124.

Also, when you first turn on your tablet, there are various widgets on the center Home screen and the Home screens to the left and right of the center Home screen. For more information, refer to “*Widgets*” on page 22.

## Widgets


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

### Adding Widgets to a Home screen

1. Navigate to the Home screen on which you want the Widget to be placed.
2. Touch and hold on the screen.  
– or –

Touch  **Customize**.

The **Add to Home screen** options screen displays.


3. Touch **Widgets**, then touch a widget to add it to the Home screen.
4. Touch  **Back** to return to the Home screen.

---

**Note:** Swipe across the screen horizontally to view all Widgets.

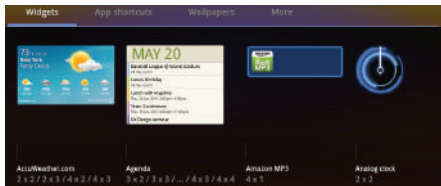
---

### Removing Widgets

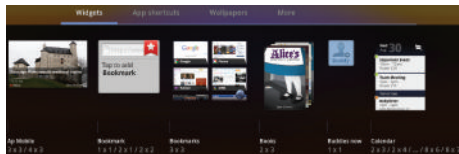
- ▶ Touch and hold the Widget until  **Remove** appears at the top right corner of the screen, then drag the Widget to the **Remove** icon to remove it.

## Widget Options

The following widgets are available:



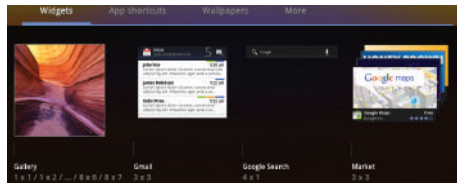
- **AccuWeather.com:** Display the forecast from AccuWeather. Touch the widget to choose locations.
- **Agenda:** Create new events and display your agenda of events. Events also display on the calendar.
- **Amazon MP3:** Access the Amazon MP3 app or the music player controls. For more information, refer to *“Amazon MP3”* on page 107.
- **Analog Clock:** Display an analog clock. Touch the widget to view alarms or add a new alarm. For more information, refer to *“Alarm”* on page 105.



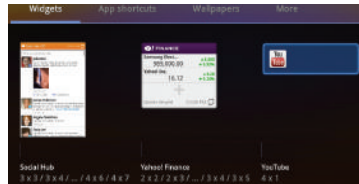
- **Ap Mobile:** Displays Top Stories and Showbiz, Sports, World, and U.S. news from Ap Mobile.
- **Bookmark:** Add bookmarks for What's New, Wallpapers, Videos, Screensavers, Ringtones, and Games to quickly check
- **Bookmarks:** Display your bookmarked websites. Sweep up or down to view all bookmarks and touch an entry to open the website. For more information, refer to *“Using Bookmarks”* on page 64.
- **Books:** Access your books. For more information, refer to *“Books”* on page 61.
- **Buddies now:** Add this widget and then touch it to choose a buddy. The next time you touch the widget, you can view the buddy's contact information, send an email, view your buddy's location on a map, or open their webpage.
- **Calendar:** Display a calendar. For more information, refer to *“Calendar”* on page 109.



- **Contact**: Display a link to one of your contacts to quickly compose an Email or Gmail message. For more information, refer to *“Messaging”* on page 51.
- **Digital clock**: Display the digital time, the day, and the date.
- **Dual clock**: Display the date and time for two different locations. For more information, refer to *“Dual Clock”* on page 111.
- **Email**: Display your email inbox. For more information, refer to *“Email”* on page 53.



- **Gallery**: Lets you select one or more photos to display on a Home screen. For more information, refer to *“Gallery”* on page 91.
- **Gmail**: Send and receive email with Gmail, Google’s web-based email. For more information, refer to *“Gmail”* on page 51.
- **Google Search**: Display a Google Search bar. For more information, refer to *“Google Search”* on page 71.
- **Market**: Download applications from the Android Market. For more information, refer to *“Market”* on page 114.



- **Music:** Use this widget to control the playback of songs playing in the Music app. For more information, refer to *“Options While Playing a Song”* on page 76.
- **Program Monitor:** Display the number of active applications. Touch to launch Task Manager. For more information, refer to *“Task Manager”* on page 9.
- **Pulse (large):** Lets you add a topical Pulse widget. Choices are: Pulse Hints, Time Magazine, Cool Hunting, CNN Money, SB Nation, Fortune Tech, The Wall Street Journal, and Facebook Links. Touch your choice and then touch **Save**. Pulse article titles and the first lines of an article are displayed. Touch the title block to display that article’s first lines. Touch the introduction area to link to the article in Pulse. For more information, refer to *“Pulse”* on page 123.
- **Pulse (small):** Lets you add a topical Pulse widget, like Pulse (large), but only the article titles are displayed. Touch a title block to link to the article in Pulse. For more information, refer to *“Pulse”* on page 123.

- **Social Hub:** Access your social networks, like Facebook, Twitter, and LinkedIn all in one place. For more information, refer to *“Social Hub”* on page 125.
- **Yahoo! Finance:** Search for and add stocks. For more information, refer to *“Yahoo Finance”* on page 128.
- **YouTube:** Search YouTube and watch videos. For more information, refer to *“YouTube”* on page 72.

## App Shortcuts

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

### Adding Shortcuts from a Home Screen

1. Navigate to the Home screen on which you want the App Shortcut to be placed.


2. Touch and hold on the screen.  
– or –

Touch  **Customize**.

The **Add to Home screen** options screen displays.

3. Touch **App shortcuts**, then touch an application to add it to the Home screen.

For a list of applications, see “*Apps Screen*” on page 29

4. Touch  **Back** to return to the Home screen.


### Adding App Shortcuts from the Apps Screen

1. From a Home screen, touch  **Apps**.
2. Touch and hold on an application icon until the Home screen selection area is displayed at the bottom of the screen.



3. Drag the application icon to the desired Home screen.  
The Home screen frame is highlighted.
4. Drag the application icon approximately where you want it on the Home screen.

### Removing App Shortcuts

- Touch and hold the App Shortcut until  **Remove** appears at the top right corner of the screen, then drag the App Shortcut to the **Remove** icon.

## Wallpapers

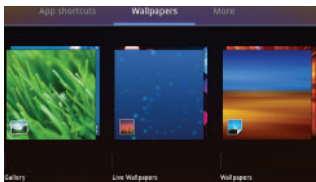
You can choose a picture to display in the background of the Home screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. From a Home screen, touch and hold on the screen.  
– or –

Touch  **Customize**.

The **Add to Home screen** options screen displays.

2. Touch **Wallpapers** to view the Wallpaper menu.



Choose a source for images:

- **Gallery:** Touch to display the Set as pop-up and then touch **Home screen Wallpaper** or **Lock screen Wallpaper**. Access the Gallery to choose a picture. Touch a picture to select it, then crop and resize the picture, if desired. Touch **OK** to save the picture as wallpaper. Touch **X** to cancel.

- **Live Wallpapers:** Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch **Cancel** to return to the Wallpaper menu.

- **Wallpapers:** Touch to display the Set as pop-up and then touch **Home screen Wallpaper** or **Lock screen Wallpaper**. Choose from pre-loaded wallpaper images. Touch an image to save it as wallpaper. Touch **Cancel** to return to the Wallpaper menu.

3. Touch  **Back** to return to the Home screen.

## More

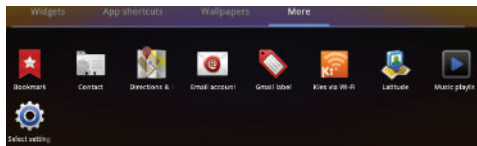
The final **Add to Home screen** option, **More**, includes shortcuts to Browser bookmarks, to Directions and Navigation, and an assortment of other useful items.

1. From a Home screen, touch and hold on the screen.  
– or –

Touch  **Customize**.

The **Add to Home screen** options screen displays.

2. Touch **More** to view the additional widgets.



- **Bookmark:** Launch a bookmarked webpage.
- **Contact:** View a contact you specify.
- **Directions & Navigation:** Get directions and navigation from Google Maps. For more information, refer to “*Maps*” on page 67.
- **Email account:** Access an Email account. Appears once an Email account is set up. If you have more than one Email account set up, touch the one to which you want to link. For more information, refer to “*Email*” on page 53.
- **Gmail label:** Access a Gmail label. Appears once a Gmail account is set up. Touch the label to which you want to link. For more information, refer to “*Gmail*” on page 51.
- **Kies via Wi-Fi:** Allows computers running the KIES software to access your tablet. Both the tablet and the computer have to be on the same Wi-Fi network.
- **Latitude:** Locate your friends on a map and share or hide your location. For more information, refer to “*Latitude*” on page 69.

- **Music playlist:** Choose a music playlist to access from a home screen. For more information, refer to “*Playing a Playlist*” on page 80.
- **Select settings:** Displays a list of Settings shortcuts. Touch an entry in the list. For more information, refer to “*Settings*” on page 131.

## Mini App Tray


There are shortcuts available that link to apps that you might need while working in other apps, such as your calendar, a memo pad, and a calculator. In some cases, these shortcuts are actually links to the part of the app you need most and they contain link to the actual app where you can use other functions.

1. From any screen, touch  **Mini App Tray** at the bottom, center of the screen.

The Mini App Tray icons display.




2. Touch one of the following icons to display the app.





**Task manager:** Displays the Task manager. Touch  to close the app. For more information, refer to “*Task Manager*” on page 9.







**Calendar:** Displays the calendar with today's date circled. Touch  to link to the Calendar app. Touch  to add a new event to your calendar. Touch  to close the app. For more information, refer to “*Calendar*” on page 109.




**World Clock:** Displays the time for the locations you have set up. Touch  to link to the World Clock app. Touch  to close the app. For more information, refer to “*World Clock*” on page 127.






**Pen memo:** Displays the Pen memo app, which you can use to create and save a memo. Touch  to link to the Pen memo app. Touch **Done** to save your memo. Touch  to close the app. For more information, refer to “*Pen Memo*” on page 120.



**Calculator:** Displays a basic calculator. Touch  to close the app. For more information, refer to “*Calculator*” on page 108.




**Music player:** Displays the music player. Touch  to link to the Music player. Touch  to display your songs list. Touch  to close the Music player.

## Apps Screen

The **Apps screen** holds all applications on your wireless device. Applications that you download and install from the Android Market or from the web are also added to the **My apps** screen.

The Apps icons are arranged in alphabetic order.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to “*Adding App Shortcuts from the Apps Screen*” on page 26.




1. From a Home screen, touch  **Apps**.
2. Touch the **My apps** tab to view apps you have downloaded.
3. Touch an icon on the **All** or **My apps** screen to launch the application.

– or –

Add an App Shortcut to a Home screen by dragging an App icon down to the thumbnails of your Home screens that appear when you drag an App. Pause on a Home screen thumbnail to place the shortcut. For more information, refer to “*Adding App Shortcuts from the Apps Screen*” on page 26.

## Application Information

To view information about an App, such as the amount of storage it is using, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch  **Apps**.
2. Touch and hold an App icon, then drag it to  **Information** to open a screen with details about the App.
3. Touch  **Back** to return to the Apps screen.

## Applications

The following is an alphabetical list of the applications that come preloaded on your device.



**Alarm:** Schedule alarms to remind you of appointments or events, or as a wake-up. For more information, refer to “*Alarm*” on page 105.



**AllShare:** Synchronize your device with your TV. For more information, refer to “*AllShare*” on page 106.



**Amazon Kindle™:** Download Amazon books to read on your device. For more information, refer to “*Amazon Kindle*” on page 107.



**Amazon MP3:** Access the Amazon MP3 store and the Amazon Cloud Player. For more information, refer to “*Amazon MP3*” on page 107.



**Books:** Read eBooks from the web-based Google Books service. For more information, refer to “*Books*” on page 61.



**Browser:** Access the Internet. A shortcut to Browser appears on the Home screen by default. For more information, refer to “*Browser*” on page 62.



**Calculator:** The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems. For more information, refer to “*Calculator*” on page 108.



**Calendar:** Record events and appointments to manage your schedule. For more information, refer to “*Calendar*” on page 109.



**Camera:** Take photos or record videos. For more information, refer to “*Camera*” on page 85.



**Contacts:** Save and manage contact information for your friends and colleagues. For more information, refer to “*Contacts*” on page 43.



**Downloads:** Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what you have downloaded. For more information, refer to "*Downloads*" on page 111.



**eBook:** This application lets you access and read books on your device. For more information, refer to "*eBook*" on page 112.



**Email:** Send and receive email from your device. For more information, refer to "*Email*" on page 53.



**Gallery:** View and manage photos stored on your device. For more information, refer to "*Gallery*" on page 91.



**Gmail:** Send and receive email with Gmail, Google's web-based email. For more information, refer to "*Gmail*" on page 51.



**Google Search:** Use the Google search engine to search the internet and your device. A shortcut to Google Search appears on a Home screen by default. For more information, refer to "*Google Search*" on page 71.



**Latitude:** Use Google Latitude to locate your friends on a map and share or hide your location. For more information, refer to "*Latitude*" on page 69.



**Maps:** Find locations and get directions with Google maps. A shortcut to Maps appears on the Home screen by default. For more information, refer to "*Maps*" on page 67.



**Market:** Browse, download, and install Android applications. A shortcut to Market appears on the Home screen by default. For more information, refer to "*Market*" on page 114.



**Media Hub:** Browse the latest movies and TV shows, then rent or purchase the media for viewing on your device. A shortcut to Media Hub appears on the Home screen by default. For more information, refer to "*Media Hub*" on page 96.



**Memo:** Create text memos and use Bluetooth to send memos. For more information, refer to "*Memo*" on page 116.



**Movie Studio:** Use Movie Studio to edit the videos you take with the camcorder or copy onto your tablet into movies. You can cut and order scenes, add a sound track, and so on. For more information, refer to “*Movie Studio*” on page 97.



**Moviefone:** Browse a directory of movies, check the latest theater showtimes, find theater locations nearest to you, buying tickets in advance, view original movie content and news, and read movie reviews. For more information, refer to “*Moviefone*” on page 118.



**Music:** Play music and other audio files that you copy from your computer with the Music app. For more information, refer to “*Music App*” on page 74.



**Music Hub:** The Music Hub lets you purchase and download songs and albums. A shortcut to Music appears on a Home screen by default. For more information, refer to “*Music Hub*” on page 83.



**Music player:** Play music and other audio files that you copy from your computer. For more information, refer to “*Viewing Your Music Library*” on page 78.



**MyFiles:** Find, view and manage files stored on an optional installed memory card. For more information, refer to “*MyFiles*” on page 119.



**Navigation:** Use Google Maps Navigation to search for locations, with turn-by-turn directions. For more information, refer to “*Navigation*” on page 70.



**Pen memo:** This app is not only useful, but lots of fun, if you like to draw. Pen memo lets you type memos or draw pictures. For more information, refer to “*Pen Memo*” on page 120.



**Photo editor:** To perfect any photos stored on your tablet, use Photo editor to crop, rotate, resize, adjust color and contrast, and much more. For more information, refer to “*Photo Editor*” on page 122.



**Places:** Use Google Maps to find places of interest, plus add your own favorite places. For more information, refer to “*Places*” on page 71.



**Polaris Office:** This application provides a central place for managing your documents online or offline. For more information, refer to “*Polaris Office*” on page 122.



**Pulse:** Pulse News gives you news visually in bite-sized pieces. For more information, refer to “*Pulse*” on page 123.



**Readers Hub:** Read newspapers, books, and magazines on your tablet. For more information, refer to “*Readers Hub*” on page 124.



**Samsung Apps:** Connect to Samsung Apps and make your smart device even smarter. Simply and easily download an abundance of applications to your device such as games, news, reference, social networking, navigation, and more. A shortcut to Samsung Apps appears on the Home screen by default. For more information, refer to “*Samsung Apps*” on page 124.



**Screensaver:** When your tablet screen automatically times out, instead of a blank screen, enable the Galaxy Tab Screensaver, which is actually an action-packed video tour of all the fantastic features that you will find on your Galaxy Tab. For more information, refer to “*Screensaver*” on page 124.



**Settings:** Configure your device to your preferences. For more information, refer to “*Settings*” on page 131.



**Social Hub:** Access your social networks, like Facebook, YouTube, and Twitter, all in one place. A shortcut to Social Hub appears on a Home screen by default. For more information, refer to “*Social Hub*” on page 125.



**Talk:** Chat with other Google Talk users. For more information, refer to “*Google Talk*” on page 57.



**Video:** Play and manage videos stored on your tablet. For more information, refer to “*Video*” on page 90.



**Videos:** Use the Videos app to view movies you rent from the Android Market or play any of your personal videos stored on your tablet. For more information, refer to “*Videos*” on page 126.



**Voice Search:** Perform a Google search by speaking your search terms. A shortcut to Voice Search appears on a Home screen by default. For more information, refer to “*Voice Search*” on page 72.



**Words:** Play Words With Friends free, the number one mobile word game. For more information, refer to “*Words*” on page 127.



**World Clock:** View the date and time in any time zone. For more information, refer to “*World Clock*” on page 127.



**YouTube:** View and upload YouTube videos, right from your device. A shortcut to YouTube appears on the Home screen by default. For more information, refer to “*YouTube*” on page 72.

## Section 3: Entering Text

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This section describes how to enter words, letters, punctuation and numbers when you need to enter text.

### Virtual QWERTY Keyboard

Your device uses a virtual QWERTY keyboard for text entry. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

The virtual QWERTY keyboard displays at the bottom of the screen. By default, when you rotate the device, the screen orientation updates to display the keyboard at the bottom of the screen.



Swype Keyboard

### Text Input Methods



Your device offers several text input methods. This section explains two of them.

- **Swype:** Swype™ is a new text input method that allows you to enter words by gliding your finger over the virtual QWERTY keyboard, lifting your finger between words. You can also enable Word prediction, which matches your key touches to common words.
- **Samsung Keypad:** The Samsung Keyboard is a virtual QWERTY keyboard that allows you to enter text by touching keys on the screen. The Samsung Keypad includes predictive text, which matches your key touches to common words so that you can select the word to enter it into your text.

For more information about the English (US) Keyboard and the TalkBack keyboard see “*Configure Input Methods*” on page 150.

### Changing the Input Method

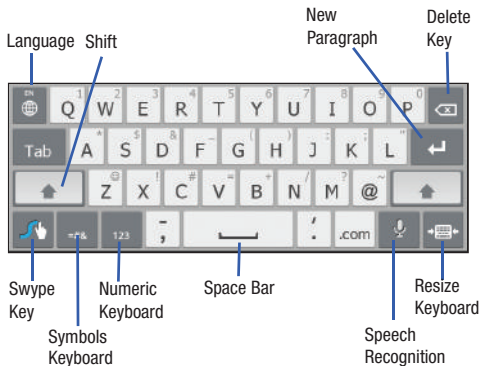
When entering text, you can select the text input method.

1. Touch  **Configure input methods** in the Status bar.  
The Configure input methods pop-up displays.
2. Touch an input method to activate it.
3. Touch  to display that input method’s settings.

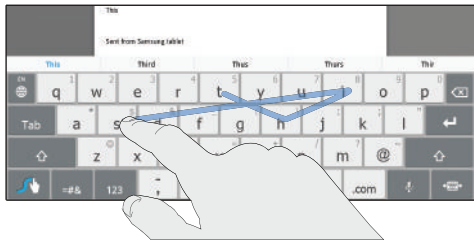
For more information, refer to “Configure Input Methods” on page 150.

## Entering Text Using Swype

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



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



Here are a few tips to get you started:

- **Auto-spacing:** When you finish a word, just lift your finger and start the next word.
- **Double letters:** Just “scribble” on the key.
- **Auto-capitalization:** Swype recognizes and capitalizes the first word of sentences. If you want to capitalize a word that is not at the beginning of a sentence, just glide above the keyboard before gliding over the next letter.
- **Contractions:** Swype recognizes most words that include an apostrophe, just swype the letters of the word, including the apostrophe.

- **Punctuation:** Touch and hold a key to view a punctuation menu and make a selection.
- **Accented characters:** Just glide through the letters of the word. Swype usually recognizes the word and correctly accents the letters.
- **Error correction:** If you make a mistake, double-tap on the word you want to change.



## Configuring Swype

Configure Swype to your preferences.

- For more information, refer to “Configure Input Methods” on page 150.
- While entering text, touch the  **Swype Key → Options**.






## Swype Help

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

- Touch the  **Swype Key** to show **Tips**. Touch **More Tips** to see more.
- Touch the  **Swype Key → Tutorial** for an interactive tutorial.

## Entering Symbols and Numbers

Using the Swype Keyboard:

- Touch and hold on a key to enter the symbol or number at the top of the key.
- Touch and hold on a key until a menu of all characters available on that key appears, then touch a character to enter it.
- For more symbols, touch  **Shift**, then touch the corresponding key.
- Touch  to switch to the numeric keyboard and quickly enter numbers and mathematical operators.
- Touch  to switch to the symbols keyboard. Touch  to view additional symbols.
- Touch  to display the alphabetic keyboard.

## Using Swype Speech Recognition

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

- ▶ Touch . At the **Speak now** prompt, speak the text you want to enter.

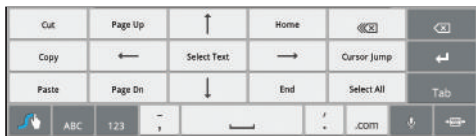


## Editing Keyboard

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

To display the Editing Keyboard:

1. Swype from the  **Swype Key** to the  **Numeric Key**.
2. Touch the edit key.

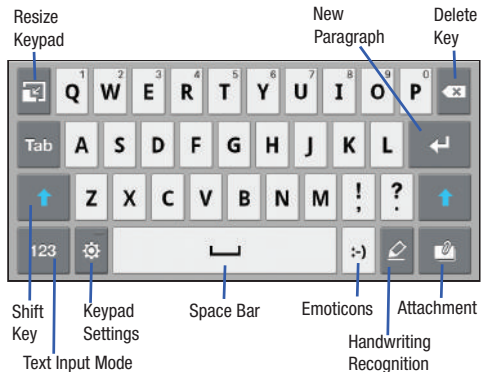


## Entering Text Using the Samsung Keypad

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

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

Your tablet also provides handwriting recognition to make the task of text entry that much easier.




## Configuring the Keypad

To configure the Samsung Keypad to your preferences:

- ▶ While entering text, touch  **Settings**.

The Samsung keypad settings screen is displayed. For more information, refer to “*Configure Input Methods*” on page 150.


## Entering Upper and Lower Case Letters


The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key  to toggle the case, before touching the letter key(s).

- Touch once to switch from abc to Abc mode
- Touch and hold to switch to ABC mode

## Entering Symbols and Numbers

To enter a number, touch , then touch the corresponding key.

To enter common symbols, touch  to switch to Symbols mode, then touch the corresponding key.

There are three pages of symbols. Touch  to switch to the next page.


Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can touch an accented vowel or other alternate letter.

Touch and hold the Period key ( . ) to open a small window with a set of common symbols.

Touch and hold the  **Emoticons** key to open a small window with a set of Emoticons.


Touch  to toggle between a large and small keypad.

Touch  to add an attachment from the Gallery.

Touch  to use the Handwriting feature. For more information, refer to “Using the Handwriting Feature” on page 40.

## Using XT9 Predictive Text

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

1. Touch  **Settings** at the bottom of the keypad.  
The Samsung keypad settings screen displays.
2. Touch the **XT9** field so a green check mark appears next to the field.
3. Touch the **XT9 advanced settings** field to modify XT9 associated settings. For more information, refer to “Configure Input Methods” on page 150.

---

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

---

4. Begin typing a word. A list of word options displays. Touch one of the words to replace the word that has already been typed.

– or –

Touch  and then touch **Add word** to register a new word to XT9.





5. Continue typing your message. XT9 mode can be used in portrait or landscape mode.

## Editing Text

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.





## Editing Existing Text

To edit text that you have entered:

1. Touch the text at the point you want to edit.  
The  **Cursor** displays at the point you touched.
2. Touch and drag the **Cursor** to a better position, if necessary.
3. Enter additional text or delete text by repeatedly touching the  **Delete** key.

## Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

1. Touch hold the text or word you want to select.  
The selected text is highlighted with a   tab at each end of the selection.
2. Touch and drag either   tab to select more or less text.

---

**Tip:** Touch **Select all** in the Application bar to select all text in the field. Touch on another area of the screen or touch **X Cancel** to unselect the text.


---

- Depending on the action you want to take for the selected text, in the Application bar touch **Cut** to remove the selected text, **Copy** to save the selected text to the clipboard, or **Clipboard** to replace the selected text with text previously saved to the clipboard.


– or –

Enter text by typing or speaking to replace the selection with what you type.

– or –

Touch the  **Delete** key to delete the selected text.

### Pasting Text

To paste previously copied text where the  **Cursor** is positioned:

- Touch the text at the point you want to paste the copied text.  
The **Cursor** displays at the point you touched.
- Touch and hold the **Cursor** and touch **Paste** in the pop-up.


### Closing the Keyboard

To close the keyboard:

- ▶ Touch  **Close Keyboard**.

### Using the Handwriting Feature

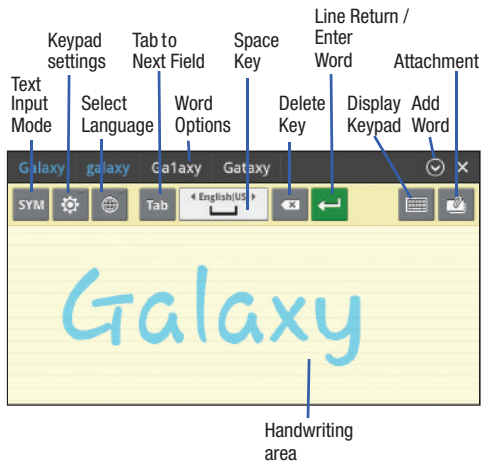
You can enter text simply by using your finger to handwrite letters on your screen.

- From a screen where you can enter text, activate the keypad by touching a text input field on the screen.
- In necessary, touch  **Configure input methods** in the Status bar and then touch **Samsung keypad**.

The Samsung keypad displays.

- Touch .

The handwriting pad displays.



4. Use your finger tip to write out each character.


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**Note:** To properly recognize the written characters and to prevent scratching of the LCD, do not use script.

---

As you write, suggestions are offered in the word options area in case the correct letters were not recognized.

### Handwriting Tips

- For uppercase letters, write the letter larger than the lowercase letters.
- Write a dash (horizontal line) to add a space.
- Delete words by sweeping backward across them.
- To display numbers and symbols, touch **SYM** and then touch a number or symbol key. Touch the button marked 1/3, 2/3, or 3/3 to see more symbols and emoticons. Touch **X** to exit the numbers and symbols keyboard.
- To return to the keyboard, touch .



### Handwriting Settings

To change the Handwriting settings:

1. Touch , then touch **Handwriting settings**.

The following settings can be changed:

- **Recognition time:** Set the time it takes for your tablet to recognize what you write. Choose from 100ms, 300ms, 500ms, 1000ms, or 2000ms.
- **Pen thickness:** Change the pen thickness to 1, 3, 5, 7, or 9 pixels, as the examples demonstrate.
- **Pen color:** Change the pen color to black, red, blue, green, or brown.

- **Recognition type:** Set the way your tablet recognizes what you write.
    - **Stroke recognition:** The letters are entered in the text field as you write.
    - **Complete recognition:** The letters are not entered in the text field until you touch  **Enter**, which gives you time to choose word options.
  - **Gesture guide:** Displays a list of gesture that can be used with the handwriting feature.
  - **About:** Describes the version, date, and manufacturer of the handwriting software.
2. Press  twice to return to your message.


## Using Speech Recognition

You can use your voice to enter text using the Voice input feature, which lets you enter text by speaking. Samsung Keypad recognizes your speech and enters text for you.

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**Note:** To enable **Voice Input**, touch  **Settings** → **Voice input**. For more information, refer to “*Configure Input Methods*” on page 150.

---

1. Touch  **Speech Recognition** on the Samsung Keypad.
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.

The text is displayed in the message.

4. Touch  **Speech Recognition** again to speak and add more text.

---

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

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## Section 4: Contacts and Accounts

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This section explains how to manage contacts and accounts.




### Accounts

Your device can synchronize with a variety of accounts. With synchronization, information on your device is updated with any information that changes in your accounts.

- **Facebook:** Add your Facebook account to sync Contacts.
- **LinkedIn:** Add your LinkedIn account to sync data with LinkedIn.
- **Twitter:** Add your Twitter Social Network Service to sync and access your data.
- **Server:** Add a server to sync and access your data.
- **Email:** Add and Email account to sync Contacts. For more information, refer to “*Email*” on page 53.
- **Google:** Add your Google account to sync your Contacts, Calendar, and Gmail. For more information, refer to “*Gmail*” on page 51.
- **Corporate:** Add your Exchange account to sync Contacts, Calendar, and Email.
- **Samsung account:** Add your Samsung account.

### Setting Up Your Accounts

Set up and manage your synchronized accounts with the **Accounts and sync** setting.

1. From a Home screen, touch  **Apps** →  **Settings** → **Accounts and sync**.
2. Touch  **Add account**, then touch the account type.
3. Follow the prompts to enter your account credentials to complete the set-up process.
4. The device communicates with account servers to set up your account. When complete, your account appears in the **Manage accounts** area of the **Accounts and sync** screen.




### Contacts

Store contact information for your friends, family, and colleagues to quickly access information or to send a message.

To access Contacts:

- ▶ From a Home screen, touch  **Apps** →  **Contacts**.




## Creating Contacts







1. From a Home screen, touch  **Apps** →  **Contacts**  
→  **New**.
2. Touch an account or **Device**.
3. Touch the Photo ID to set up a photo to identify the contact.
  - **Album**: Choose a photo from the Gallery.
  - **Take photo**: Display the Camera and take a photo of the contact.
4. Touch contact fields to display the keyboard and enter information:

---

**Tip:** Touch the screen and swipe up or down to display additional fields or touch **Next** on the keypad to move to the next field.

---

- **First name**: Enter a first name for the contact. Touch  to enter a **Name prefix**, **Middle name**, and **Name suffix**.
- **Last name**: Enter a last name for the contact.
- **Phone**: Enter a telephone number, then touch the  Label tab to choose a label from **Mobile**, **Home**, **Work**, **Work Fax**, **Home Fax**, **Pager**, **Other**, **Custom** to create a custom label, or **Callback**.
- **Internet call**: Enter an Internet call number.
- **Email**: Enter an email address, then touch the  Label tab to choose a label from **Work**, **Home**, **Other**, or **Custom** to create a custom label.

- **Instant messenger**: Enter an IM address, then touch the  Label tab to choose a label from **Google Talk**, **AIM**, **Windows Live**, and so on.
  - **Groups**: Assign the contact to a group, then touch the  Label tab to choose a group from **Coworkers**, **Family**, **Friends**, and so on. For more information about Groups, see “*Groups*” on page 48.
  - **Address**: Enter an address, then touch the  Label tab to choose a label from **Home**, **Work**, **Other**, or **Custom** to create a custom label.
  - **Organization**: Enter a company name and job title.
5. Touch  to add additional fields. Touch  to remove an unused field.
  6. Touch **Add another field** to add these additional fields: **Phonic name**, **Phone**, **Email**, **Instant messenger**, **Address**, **Notes**, **Website**, **Event**, and **Nickname**.
  7. Touch  **Back** to remove the keyboard.
  8. When you finish entering information, touch **Done**.

---




**Tip:** Display a contact's record and touch the **Email** field to send an email, touch the **Address** field to display the address on a map, or touch the **Website** field to link to the website.

---






## Updating Contacts

To update an existing contact:

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact in the Contacts list to view its information.
3. Touch , **Menu** → **Edit**.
4. Continue entering contact information. For more information, refer to “*Creating Contacts*” on page 44.




## Deleting Contacts

To delete a contact:

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact in the **Contacts** list to view its information, and then touch  **Delete**. At the prompt, touch **OK**.

## Managing Photo IDs

To remove or update a contact's Photo ID:

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch , **Menu** → **Edit**.
3. Touch the Photo ID, then touch **Album**, **Take photo**, or **Remove**.

## Contacts Display Options

There are various ways to display your Contacts and general Contacts settings.


1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch **Contacts**, **Favorites**, or **Groups** above the Contacts List, to view contacts various ways:
  - **Contacts**: Show all your contacts. Touch the **Search contacts** field and enter a keyword to list contacts that contain that keyword.
  - **Favorites**: Show only your favorite, or starred, contacts. For more information, refer to “*Favorites*” on page 50.
  - **Groups**: Touch the  Label tab displayed above the Contacts List to display the possible Groups, such as Not assigned, Coworkers, Family, Friends, and so on. Touch a group name to show only contacts in that group. For more information, refer to “*Creating a New Group*” on page 48.
3. From the **Contacts** or **Favorites** list, touch , **Menu** to display all or some of these options:
  - **Edit**: Make changes to update an existing contact.
  - **Delete contacts**. Touch and check mark the box next to each contact you want to delete. Touch **Delete** and then touch **OK**.
  - **Get friends**: Touch **Add account** to add a new account or touch an existing account to get contacts from your friends on Facebook or LinkedIn.

- **Sync contacts:** Sync contacts with their account information.
- **Import/Export:** Use the USB cable to import your contacts from, or export your contacts to, a storage device, such as a PC. For more information, refer to *“Importing and Exporting Contacts”* on page 48.
- **Join contact:** Join a contact to one or more other contacts. For more information, refer to *“Joining Contacts”* on page 47.
- **My profile:** Set up information for yourself similar to the way you add a new contact. For more information, refer to *“Creating Contacts”* on page 44.
- **Set default:** If a contact has multiple email addresses, for example, touch the field that should be the default value.
- **Send namecard via:** To send contact information, touch and check mark the box next to each contact you want to send to, or touch **Select all**, and touch **Send**. Touch **Bluetooth**, **Email**, or **Gmail** as the method for sending the information.
- **Print namecard:** Check mark the fields you want to print and then touch **Print**. Your device is compatible only with some Samsung printers.
- **Settings**
  - Display options:** Set the following Display options:
    - **Only contacts with phones:** Touch to check the box to only display contacts that have phone numbers.
    - **List by:** List contacts by **First name** or **Last name**.
    - **Display contacts by:** Set whether contact names should appear in the Contacts List as **First name first** or **Last name first**.

- **Select contacts to display:** Set how your contacts display base on the accounts with which they are associated.

**General settings:** Set the following Display options:

- **Save new contact to:** Set the default location for new contacts. Options are: **Always ask**, **Device**, or an account, such as you Gmail account.

4. From the **Groups** list, touch  **Menu** to display these options:




- **Send email:** To send an email to one or more members of the group, touch and check mark the box next to each contact you want to send to and touch **Send**. Touch **Compose** or **Email** as the method for sending the email.

### Linked Contacts

Your device can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.






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

## Joining Contacts

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch  **Menu** → **Join contact**, then touch one or more contacts to link.
4. Touch **Join**.

The joined contact's information is displayed with the original contact's information.

## Separating Contacts

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch  **Menu** → **Join contact**, then touch  to separate joined contacts.  
A  is displayed instead.
4. Touch **Join**.

## Sharing Contact Information

You can send a contact's information by way of Bluetooth to other Bluetooth devices or in an Email or Gmail as an attachment.

---

**Note:** Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation.

---

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu** → **Send namecard via**.

---

**Tip:** Set up a contact record for yourself to share your information with others.

---

3. Touch the check box next to each contact you want to choose or touch the **Select all** check box.
4. Touch **Send**.
5. At the prompt, choose a sending method, then follow the prompts to send the contact information:
  - **Bluetooth:** For more information, refer to “*Bluetooth*” on page 100.
  - **Email:** For more information, refer to “*Email*” on page 53.
  - **Gmail:** For more information, refer to “*Composing and Sending Gmail*” on page 52.

## Importing and Exporting Contacts

To back up and restore your contacts information, you can export your contacts list to a storage device, such as a PC, or import your contacts list (previously exported) from a storage device.



1. Use the USB cable to connect your device to the storage device.
2. From a Home screen, touch  **Apps** →  **Contacts**.
3. Touch  **Menu** → **Import/Export**.
4. Touch **Import from USB storage** or **Export to USB storage**, then follow the prompts to complete the operation.

## Groups

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

### Creating a New Group

Create a new group when you add or edit a contact.

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch **Groups** above the Contacts List.
3. Touch  **New**.
4. Touch the **Group name** field and use the keyboard to enter a new Group name.

5. Touch **Done** to save the new group name.

---





**Tip:** Contacts can belong to more than one group. Just touch the contact's **Groups** field and touch each group.

---

Once you create a new group, the Contacts List can be set to display only the contacts in that group. For more information, refer to “*Contacts Display Options*” on page 45.





### Renaming a Group

To rename a group that you created:

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch **Groups** above the Contacts List.
3. Touch the  Label tab displayed above the Contacts List to display the possible Groups.
4. Touch the Group you want to rename.
5. Touch  **Menu** → **Edit group**.
6. Use the keyboard to enter a new group name.
7. Touch **Done** to save the new group name.

## Deleting a Group

To rename a group that you created:

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch **Groups** above the Contacts List
3. Touch the  Label tab displayed above the Contacts List to display the possible Groups.
4. Touch any Group.
5. Touch  **Menu** → **Delete groups**.

The groups that can be deleted are displayed.

6. Touch the check box next to each group you want to delete.
7. Touch **Done** to delete the groups.






The group (or groups) is deleted from any contact information in which it appears. The contact's in the group are not deleted. The group name no longer appears as a Contacts List display option.

## Adding Group Members

To add a contact to a group, just Edit a contact's Group field. For more information, refer to “*Updating Contacts*” on page 45.

## Removing Group Members

To remove contacts from a group:

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch **Groups** above the Contacts List.
3. Touch the  Label tab displayed above the Contacts List to display the possible Groups.
4. Touch the group from which you want to remove members.
5. Touch  **Menu** → **Edit group members**.
6. Touch  **Remove** for each contact you want to remove.

The group name is removed from the contact's **Group** field and the contact is removed from the group.





## Favorites

Mark contact records with an  orange star to identify them as favorites.

You can set your contacts display options to display only your favorites (Starred in Android) for fast viewing or messaging.

### Adding Favorites

To add a contact the **Starred in Android** list:

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to display it.
3. Touch the  **Star** next to the contact name so that it turns orange .




---

**Tip:** You do not have to edit the contact to change the Starred status.

---

### Accessing Favorites

To view your favorites list:

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch **Groups** above the Contacts List.
3. Touch the  Label tab displayed above the Contacts List to display the possible Groups.
4. Touch **Starred in Android**.  
Only your starred contacts display.

### Removing Favorites

To remove a contact from your favorites list:

1. Touch a contact in the **Starred in Android** list to display it.
2. Touch the  **Star** next to the contact's name so that it turns gray  to remove it from the **Starred in Android** list.

## Section 5: Messaging

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

### Types of Messages

Your device supports these types of messages:

- **Gmail:** Send and receive Gmail from your Google account.
- **Email:** Send and receive email from your email accounts, including Corporate Exchange mail.
- **Google Talk:** Chat with other Google Talk users.

---

**Note:** Your Wi-Fi-only device does NOT support voice calling and messaging services. Please disregard any “dial” and “message” related menus because some Gmail options are identically set in all Android devices.

---

### Gmail

Send and receive email with Gmail, Google’s web-based email.

---

**Tip:** To set up your Google account on your device, use **Accounts and sync** settings. For more information, refer to “Accounts and Sync” on page 145.

---

- From a Home screen, touch  **Apps** →  **Gmail**.



### Setting Up Your Gmail Account

The first time you launch Gmail, your device prompts you to set up your Google account.

---


**Note:** You can use more than one Google account on your device. To add another account, use  **Menu** → **Settings** → **Add account** option.

---

1. From a Home screen, touch  **Apps** →  **Gmail**.
2. At the **Sign in with your Google Account** screen:
  - If you do not have a Google account, touch **Create account** and follow the prompts to create a new account.
  - If you do have a Google account, use the on-screen keypad to enter your Google **Email** name and **Password**, then touch **Sign in**.
3. The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail appears in the Inbox.




### Refreshing Your Gmail Account

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




1. From a Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **Refresh** in the Application Bar.



## Managing Your Gmail Account

Use menu options to manage your Gmail.

1. From a Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **Menu** for these options:
  - **Settings:** Configure settings. For more information, refer to “*Gmail Account Settings*” on page 52.
  - **Help:** Learn about using Gmail.
  - **Feedback?:** Fill out a Google feedback form.

## Composing and Sending Gmail

1. From a Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch **Compose Mail** to enter the text of your email.
6. While composing a message, the following options are displayed:
  - **Save Draft:** Save the message as a draft for sending later.

- **Cc/Bcc:** Create Cc (copy) and Bcc (blind copy) fields in the message. After creating the fields, touch to enter recipients.
  -  **Attach:** Launch Gallery to select a photo to add to the message.
  -  **Discard:** Close the message without saving.
7. Touch **Send** to send the email.

## Gmail Account Settings

1. From a Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **Menu** → **Settings** for settings:

### General preferences


- **Confirm before deleting:** Have your device prompt you to confirm Delete actions.
- **Confirm before archiving:** Have your device prompt you to confirm archiving actions.
- **Confirm before sending:** Have your device prompt you to confirm Send actions.
- **Auto-advance:** Choose a screen to show after you delete or archive a conversation.
- **Message text size:** Set the size of text in message displays.
- **Clear search history:** Remove previous searches you performed.



- **Restore default for “Show pictures”:** Restores the default setting (do not show pictures automatically) for all the people who send you email, including those whose Show pictures setting you may have changed when reading messages from them.

## (Gmail account settings)

### Inbox settings

- **Priority Inbox:** This setting is only available if you have configured Gmail on the web to show Priority Inbox. If available, you can set Priority Inbox as the conversation list to open when you have new mail, rather than Inbox. Touch , in the Application Bar, to display more information.

### Sync options

- **Gmail sync for this account is ON/OFF:** Indicates whether you have Gmail synchronization turned on for this account in the **Account and sync** settings. Touch to open those settings.
- **Labels to Sync:** Choose which labels are synchronized.
- **Auto-download attachments:** Download files attached to recent messages when connected through Wi-Fi.

### Notifications

- **Email notifications:** When enabled, notifications for new email appear in the Status Bar.
- **Ringtone:** Choose a ringtone for new email notifications.
- **Vibrate:** Choose vibration settings for email notifications.
- **Notify once:** When enabled, a notification appears in the Status Bar for new email, not for every new message.



### Signature

- **Signature:** Create a text signature to add to outgoing messages.

## Email

Use Email to view and manage all your email accounts in one application.

### Configuring Email Accounts

1. From a Home screen, touch  **Apps** →  **Email**.
2. At the **Set up email** screen, enter an **Email address** and **Password**, then touch **Next**.
3. Your account's incoming server settings are different, depending on the kind of email service for the account. If you are asked **What type of account?**, touch the type of account: **POP3 account**, **IMAP account**, or **Microsoft Exchange ActiveSync**.  
  
The Server settings screen displays. Enter the required settings and touch **Next**. For more information, refer to *“Incoming Server Settings”* on page 57.
4. Review the Account options screen. Available options vary, depending on the provider:

- **Peak schedule:** Set how often to check for new email sent to this account during peak times. Options are: Push (Automatic), Manual, every 5 or 15 minutes, or every 1, 4, or 12 hours.
  - **Off-peak schedule:** Set how often to check for new email sent to this account during off-peak times. Options are: Push (Automatic), Manual, every 5 or 15 minutes, or every 1, 4, or 12 hours.
  - **Period to sync Email:** For Exchange ActiveSync accounts, set whether to store All, 1 or 3 days, 1 or 2 weeks, or 1 month of email on the tablet.
  - **Emails retrieval size:** Set the maximum email retrieval size. Options are: 1, 2, 5, 10, 20, 50, or 100 KB, or All.
  - **Period to sync Calendar:** Set how much of the calendar for this account to sync with your tablet. Options are: 2 weeks, 1, 3, or 6 months, or All calendar.
  - **Send email from this account by default:** When enabled, email from your device is automatically sent from this account.
  - **Notify me when email arrives:** When enabled, you receive notifications when you receive new email sent to this account.
  - **Sync contacts:** When enabled, contacts from your account are synchronized with your device's Contacts.
  - **Sync calendar:** When enabled, events from your account are synchronized with your device's Calendar.
5. Touch **Next** to go to the next screen or touch **Previous** to go to the Apps screen.

---

**Note:** For Exchange ActiveSync accounts, the Activate device administrator? screen may appear. Read the information and touch **Activate** to continue.


---

6. Enter an account name for the email account just added, which is displayed on the email screen.

7. Touch **Done**.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.


---

**Note:** To configure email account settings at any time, use  **Menu** → **Settings**. Touch the account to display Account settings.








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### Adding Additional Email Accounts

To add additional email accounts:

1. From a Home screen, touch  **Apps** →  **Email**.
2. Touch  **Menu** → **Settings** → **Add account**.
3. Enter the **Email address**, **Password**, and so on.

## Composing and Sending Email

1. From a Home screen, touch  **Apps** →  **Email**.
2. Touch an account, if you have more than one account set up, then touch  **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch the body of the email to enter the text of your email.
6. While composing a message, the following options may be displayed:
  -  **Priority**: Set the email priority. Options are: High, Normal, or Low.
  -  **Security options**: Set the email security options. Options are: Encrypt and Sign.
  -  **Attach**: Choose an attachment to add to the message from the listed apps, such as Drawing Pad, My Files, Picture, Audio, Video, and so on.
  -  **Insert**: Choose an item to insert into the message from the listed apps, such as Drawing pad, Picture, Contacts, and so on.
7. Touch **Send** to send the message.

## Managing Email

You can view email you receive to all accounts in the **Combined view** screen or you can view email accounts individually.

1. From a Home screen, touch  **Apps** →  **Email**.
2. Touch the pop-up menu at the top left of the screen to select:
  - **Combined view**: View all email in a combined inbox.
  - **<Account Name>**: View email for the account.

## Account Settings

Account settings lets you configure handling of email on your device.

---

**Note:** Available settings may depend on the email account and include setting how much email to synchronize, creating signatures for email you send, and other handling options.

---

1. From a Home screen, touch  **Apps** →  **Email**.
2. Touch  **Menu** → **Settings**, then touch **Email Preferences**.

The following options display:

### Application Preferences

- **Message text size**: Set a font size to be used for your emails. Options are: Tiny, Small, Normal, Large, and Huge.
- **Message preview line**: Choose a message preview line amount. Options are: None or 1, 2, or 3 lines.

Touch an email account to display the following settings:

### 3. General settings

- **Account name:** Enter a name to identify this account.
- **Your name:** Enter a name to be used on emails.
- **Signature:** Enter a signature to add to email from this account.
- **Email check frequency:** Lets you configure how often the device queries the remote server for new email changes. Options are: Never, every 5, 10, 15, or 30 minutes, every hour, every 4 hours, or once a day.
- **Default account:** When enabled, email from your device is automatically sent from this account.
- **Always Cc/Bcc myself:** Lets you manage whether your email address is included in the Cc or Bcc lines.

#### Exchange ActiveSync settings

- **Period to sync Email:** Set whether to store All, 1 or 3 days, 1 or 2 weeks, or 1 month of email on the tablet.
- **Empty server trash:** If available, indicates whether to delete the contents in the server trash.
- **Sync schedule:** Set up your peak and off-peak schedule controls, which determines when your tablet checks the email service for new email.
- **Out of office settings:** Lets you set how email is handled for a defined period of time, while you are unable to check your email.

- **Size to retrieve emails:** Set the maximum email retrieval size, which ranges from 0.5 KB to 100 KB or allow All email to be retrieved.
- **Period to sync Calendar:** When enabled, events from your account are synchronized with your device's Calendar.
- **Security options:** Set various security options for the account.
- **In case of Sync Conflict:** Set whether to update the server or your tablet if there is a conflict of information between them.

#### Notification settings

- **Email notifications:** When enabled, the New Email icon appears in the Status Bar when a new email arrives.
- **Select ringtone:** Choose a ringtone for email notifications for this account.
- **Vibrate:** When enabled, email notifications for this accounts are accompanied by vibration.

#### Server settings

- **Incoming settings:** Configure incoming server settings. For more information, refer to *"Incoming Server Settings"* on page 57.
- **Sync contacts:** When enabled, contacts from your account are synchronized with your device's Contacts.
- **Sync calendar:** When enabled, events from your account are synchronized with your device's Calendar.

## Incoming Server Settings

Your account's incoming settings are different, depending on the kind of email service for the account: POP3, IMAP, or Exchange ActiveSync.

- **Domain\Username:** If your Exchange ActiveSync server requires that you specify a domain, enter it before the backslash. Otherwise, just enter your username (the part before @emailprovider.com in your email address) after the backslash. The backslash is optional when only entering your username. The Email app enters the correct syntax for domains and usernames when communicating with the server.
- **Password:** The password for your email account, which should be filled in.
- **Exchange server:** The fully resolved domain name of your email service provider's server, for example, mail.emailprovider.com.
- **Use secure connection (SSL):** Check this option if your server requires you to connect to the server securely, or if you prefer to connect securely.
- **Accept all SSL certificates:** Check this option if you want to accept a server certificate from your server that is self-signed, out of date, or in some other way not accepted by the Email application.

## Google Talk

Talk is Google's instant messaging and audio and video chat service. You can use it to communicate, in real time, with other people who also use Google Talk on another Android tablet or phone or on a computer.

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**Tip:** Talk requires that you have a Google account. To set up your Google account on your device use **Accounts and sync** settings. For more information, refer to "Accounts and Sync" on page 145.

---

### Open Talk and Sign In

1. From a Home screen, touch  **Apps** →  **Talk**.

If you are not signed in to a Google account, the Sign in with your Google Account screen displays.

2. Touch **Create account** to create a new Google account.  
– or –

Enter your **Email** address and **Password** and touch **Sign in**, if you have an existing Google account.

---

**Note:** If you have already set up your Google account, you are automatically logged in. Just touch **Sign in**.


---

3. After entering your user name and password, touch **Sign in**.

Once sign in is complete, the Talk main screen displays.

### **Invite a Friend to Chat**


You can invite anyone with a Google Account to become your friend in Google Talk, so you can chat with each other and view each other's online status.

1. While viewing your Friends list, touch  **Add friend**.
2. Enter your friend's address and touch **Send invitation**.

Your friend's address in Talk is a Gmail or other email address that is configured to connect to Google Talk.

If your friend accepts your invitation, they are added to your Friends list in Talk and you can share each others status in Talk and other applications.

### **View and Accept an Invitation to Become a Friend**

When a contact invites you to become a friend in Google Talk, you receive a notification in the System bar  and the invitation appears in your Friends list.

1. Touch the invitation.

2. Touch **Accept**, if you want to accept the invitation and chat, **Decline**, if you do not want to chat with and share your Google Talk status with the sender right now, or **Block**, if you do not want to receive any more invitations from that person.

If you touch **Accept**, the friend is added to your Friends list in Talk and you can share your status in Talk and other applications.

### **Options While Chatting**

There are several options that are available while you are chatting.

- ▶ Touch  **Chat Menu** to the right of the chat window. The following options display:
  - **Go off the record/Stop chatting off the record:** Set whether you want to stop saving your chat to the chat history.
  - **Friend info:** Display information about the friend with which you are chatting.
    - **View in Contacts:** View the friend's Contact information.
    - **Nickname:** Create a nickname for the friend.
    - **Show in Friends list:** Set how to show this friend in you Friends list. Options are: Always, Never, or Automatically. Automatically determines whether your friend is popular with you.

- **Block friend:** Block a friend from sending you messages and remove the friend from your Friends list.
- **Remove friend:** Remove the friend as if you never accepted their invitation. However, the friend is not blocked.




---

**Note:** If you touch the **Remove friend** option, touch  **Add friend** → **Send chat invitation to**, to make the Friend visible again.

---

- **Add to chat:** Select another friend to join in the current chat.
- **Clear chat history:** Remove the history of this chat from your device.




### Additional Talk Options

1. While viewing your Friends list, touch  to search your Talk messages. Use the on-screen keypad to enter a search term. Touch  on the keypad to search your Talk messages.
2. Touch  **Menu** to display the following options:
  - **All friends / Most popular:** List all friends or the most popular friends.
  - **Close all chats:** Terminates any chats that you have open.
  - **Sign out:** Sign out of Google Talk and display the Talk main screen.
  - **Settings:** Offers various settings for Google talk. For more information, refer to “*Google Talk Settings*” on page 59.
  - **Help:** Displays additional help information.

3. Touch a Friend’s entry to display the Chat entries for that Friend.

### Google Talk Settings

Use Google Talk Settings to configure your Talk account. If you have more than one account, each maintains its own Talk settings.

1. From a Home screen, touch  **Apps** →  **Talk**.
2. Touch  **Menu** → **Settings**, then touch an account for options:

#### General settings

- **Sign in automatically:** Enable or disable automatic sign in to Google Talk when you power on your tablet.
- **Mobile indicator:** Check and your friends see an outline of an android next to your name in their Friends list when you are signed into Google Talk on a tablet or phone.
- **Set status to away when the screen is turned off:** Check to change your Talk status to Away when your screen turns off. When unchecked, your status is not changed.

#### Chat notifications

- **IM notifications:** Set whether to open a dialog, display a notification in the System bar, or neither, when you receive a text chat.

- **Notification ringtone:** Set a ringtone to sound, or silent, when you receive a text chat.
- **Vibrate:** Set how vibrate functions. Choices are: Always, Only when silent, or Never.
- **Invitation notifications:** Enable or disable a notification in the System bar when you receive an invitation to become a friend in Talk.

### Voice & video chat settings

- **Video chat notifications:** Set whether to open a dialog or display a notification in the System bar when you are invited to a video chat.
- **Video chat ringtone:** Set a ringtone to sound, or silent, when you receive an invitation to a video chat.
- **Vibrate:** Set how vibrate functions. Choices are: Always, Only when silent, or Never.

### Account

- **Blocked friends:** Displays a list of friends you have blocked. Touch a blocked friend and then touch OK to unblock the friend.
- **Clear search history:** Erases your search history. No previous searches are shown until you search for new words.
- **Manage account:** Opens the Accounts and sync settings. For more information, refer to *“Accounts and Sync”* on page 145.

### About

- **Terms & privacy:** Displays the Google Talk terms of use and privacy policies.



## Section 6: Web and Social Networking

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### Books

Use the Books app to read eBooks from the web-based Google Books service. Google eBooks is a new way to discover, buy, and enjoy your favorite books online and offline.

You can read books online or mark them for availability offline, so you can read them when you have no Internet connection (such as on an airplane). You can also use Books as your starting point for browsing or searching for books on line.



1. From a Home screen, touch  **Apps** →  **Books**.

The Google Books main screen displays.


2. To add more books to your library, touch **Shop** in the Application bar.

A pop-up displays the Android Market Terms of Service and the Google Books Terms of Service. Read each document and touch **Accept**.



Browse the selection of Google eBooks, which are arranged in categories like Trending, Top Rated, Best Selling, and many more.

3. To find a book by title or author name, touch  **Search** on the Books main screen or touch **Shop** →  **Search**.

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

- **Make available offline:** Mark books to make them available offline. Touch below a book cover to mark it with  a pin and then touch **Done**. Just reverse this process to remove books from your device.
- **Accounts:** Set the account to use.
- **Refresh:** If a book in your library does not appear on your device, use this option to update the display.
- **Help:** Displays various Book help information. Touch **Help Center** to get additional Google Book information.

5. Touch the cover of a book to start reading.

Once the book displays, sweep across the screen to turn the page or touch  for a table of contents. Touch  to set Show, Brightness, Text settings, and Line height.


Touch  **Menu** for these additional options:

- **About the book:** Displays the Market description of the book.
- **Available offline:** Touch the check box to make the book available offline.
- **Share:** Share the book by using Bluetooth, Email, or Gmail.

6. To contact customer support, report an issue, and display more Google eBooks information, from a Home screen, touch  **Apps** →  **Books** →  **Menu** → **Help**.

## Browser

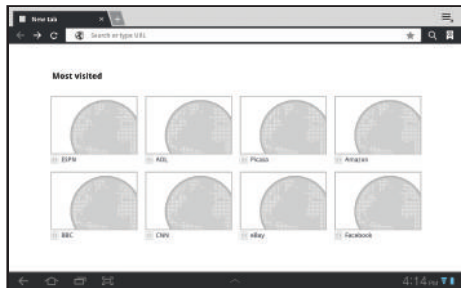
Your device is equipped with a full HTML Browser that allows you to access the internet.

► From the Home screen, touch  **Browser**.

– Or –

From a Home screen, touch  **Apps** →  **Browser**.

The Most visited screen displays.



---




**Tip:** Browser appears by default as a Primary shortcut on the Home screen.

---

## Navigating the Web

The following options are available for web navigation.

### Command Keys

- Touch  **Back** or  to return to the previous page.
- Touch and hold  **Back** to display a list of Most visit pages.
- Touch  to go forward to a recent page.

### Touching and dragging

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

### Entering text in a field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

### Zoom

- Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.



---

**Tip:** For convenient browsing, you can rotate the device to landscape mode.

---

### Selecting items on a page




While browsing, use gestures and menus to navigate:

- Touch an item to select it.

- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for these options:
  - **Open:** Open the linked page.
  - **Open in new tab:** Open a new window to display the linked page.
  - **Save link:** Save the linked page to Download history.
  - **Copy link URL:** Save the link's URL to the clipboard.
  - **Select text:** Copy the link text to the clipboard.


### Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

1. From the Home screen, touch  **Browser**.
2. To open a new window, touch  at the top of the screen.
3. To switch to another open window, touch its tab at the top of the screen.
4. To delete an open window, touch the tab at the top of the screen, and then touch .

### Entering a URL

Access a website quickly by entering the URL.

1. From the Home screen, touch  **Browser**.
2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.

As you enter characters, potential matches display.


---

**Note:** Use the  **Delete** key to clear the URL field, if necessary.

---

3. Touch a match to complete the URL.


– or –

Continue entering characters and touch  to load the page.


### Copying Fields or Text

Copy information from a webpage to the clipboard for pasting, searching, or sharing.


## Selecting, Copying, and Pasting Text

1. From the Home screen, touch  **Browser**.
2. Browse to a webpage.
3. On the webpage, touch and hold on the text until you see the text you want highlighted, then stop touching the screen.

The text is highlighted.

4. Touch and drag the  tabs to the left or right to select more or less text.
5. Touch **Copy** at the top of the screen to copy the selected text or touch **Cancel** to stop.
6. To paste the copied text, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste** in the pop-up.



## Copying and Pasting a Hyperlink or URL

1. From the Home screen, touch  **Browser**.
2. Browse to a webpage.
3. Touch and hold on the link or URL, then touch **Copy link URL** on the pop-up menu.
4. To paste the copied link or URL, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste** on the pop-up menu.

## Using Bookmarks

While browsing, bookmark a site to quickly access it later.

### Creating a bookmark

1. From the Home screen, touch  **Browser**.
2. Browse to a website, then touch  **Add Bookmark**.




The **Add bookmark** options list displays. Confirm the **Label** and URL **Address** for the bookmark.

3. Touch **Add to**, touch the drop-down menu, and touch **Bookmarks**.
4. Touch **OK** to save the bookmark.

A gold star  displays on the Bookmarked page.


## Accessing Bookmarks and History

Launch a bookmarked page or reload recent pages.

1. From the Home screen, touch  **Browser**.
2. Touch  **Bookmarks and History**.
3. On the **Bookmarks** tab, use these options:
  - Touch a bookmark to load the page.
  - Touch and hold on a bookmark for these options:
    - **Open**: Open the bookmarked page.
    - **Open in new tab**: Open the linked page in a new window.
    - **Edit bookmark**: Make changes to the bookmark description.
    - **Add shortcut to home**: Create a bookmark on the Home screen.
    - **Share link**: Use Bluetooth, Email, or Gmail to send the link.
    - **Copy link URL**: Save the link's URL to the clipboard.
    - **Delete bookmark**: Remove the bookmark.
    - **Set as homepage**: Assign the bookmarked link as the home page.
4. On the **History** tab, touch **Most visited**, **Today**, **Yesterday**, or **Last 7 days** to use these options:
  - Touch a page to reload it.
  - Touch the  next to a page to bookmark it.
  - Touch and hold on a page for these options:
    - **Open**: Open the webpage.
    - **Open in new tab**: Launch the webpage in a new window.
    - **Add to bookmarks/Delete bookmark**: Bookmark the page or remove the bookmark for this page.

- **Share link**: Use Bluetooth, Email, or Gmail to send the link.
- **Copy link URL**: Save the link's URL to the clipboard.
- **Remove from history**: Remove the record of this page.
- **Set as homepage**: Assign the bookmarked link as the home page.

## Browser Menu

While viewing a webpage, touch  **Menu** for options:

- **New tab**: Open the webpage in a new window, under a new tab.
- **New incognito tab**: Open the webpage in a new window, under a new tab, and the pages you view in the new window will not appear in your browser history or search history. See the on-screen explanation of *going incognito*.
- **Find on page**: Search for content on the current page.
- **Share page**: Use Bluetooth, Email, or Gmail to send the webpage URL.
- **Save page**: Save this page. For more information, refer to “Downloads” on page 111.
- **Page info**: View information about the current page, including the URL.
- **Downloads**: View and manage recent downloads.
- **Print**: Print the current page to a Samsung printer. Your device is compatible only with some Samsung printers.
- **Settings**: Customize the Browser by using the following options:
  - General**
    - **Set homepage**: View and set the default first page that displays when you launch the Browser.

- **Sync with Google Chrome:** Associate or remove Android bookmarks with your Google account.
- **Form auto-fill:** Enable or disable form auto-fill to complete web forms with a single click.
- **Auto-fill data:** If **Form auto-fill** is enabled, set up the following information:
  - **Full name:** Enter your name.
  - **Company name:** Enter a company name.
  - **Address line 1:** Enter your address.
  - **Address line 2:** Enter any additional address information.
  - **City / Town:** Enter your city and town.
  - **State / Province / Region:** Enter addition location information.
  - **Zip code:** Enter your ZIP code.
  - **Country:** Enter your country.
  - **Phone:** Enter your telephone number.
  - **Email:** Enter a valid email address.

### Privacy and Security

- **Clear cache:** Delete content and databases stored on the device.
- **Clear history:** Delete the list of previously-visited pages.
- **Show security warnings:** When enabled, the Browser warns you if there is a problem with a site's security.
- **Accept cookies:** When enabled, allows Browser to save and read cookie information used by webpages.
- **Clear all cookie data:** Delete cookie information saved to the device.
- **Remember form data:** When enabled, stores information you enter into forms to make future forms easier.
- **Clear form data:** Deletes saved form information.
- **Enable location:** When enabled, sites you visit can request access to your location.
- **Clear location access:** Clear location access for all websites.
- **Remember passwords:** When enabled, saves usernames and passwords for sites you visit, to make future visits easier.
- **Clear passwords:** Clear all saved usernames and passwords.

### Advanced

- **Select search engine:** Choose a search engine from Google, Yahoo!, or Bing.
- **Open in background:** When enabled, new windows open behind the current window.
- **Enable JavaScript:** When enabled, the Browser automatically runs JavaScript scripts on pages you visit.
- **Enable plug-ins:** When enabled, the Browser automatically loads and runs plug-ins on pages you visit.
- **Website settings:** View and manage settings for individual websites.
- **Open pages in overview:** When enabled, displays an overview of newly-opened pages.
- **Auto-fit pages:** When enabled, the Browser automatically sizes webpages to fit your device's display.
- **Block pop-up tabs:** When enabled, blocks pop-up windows.

- **Load images:** When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can touch to download the picture.
- **Text encoding:** Choose a default character set for webpages.
- **Reset to default:** Clear all browser data and reset all settings to the factory defaults.

### Labs

- **Quick controls:** When enabled, to the left or right edge of the screen and swipe inward to access quick controls and hide Application and URL bars. To cancel, display the Quick controls and touch **Menu** → **Settings** → **Labs** and uncheck **Quick controls**.
- **Most Visited Homepage:** Sets your homepage to show the most visited pages.
- **Google Instant:** When enabled, you can use Google Instant when you use Google Search to show results as you type. Enabling this option can increase data use.


## Maps

Use Google Maps to find your current location, get directions, and other location-based information. The Google Maps shortcut appears by default on the Home screen.

---

**Note:** You must enable location services to use Maps. Some features require Standalone or Google location services. For more information, refer to “*Location and Security*” on page 139.

---

► From the Home screen, touch  **Maps**.

– or –

From a Home screen, touch  **Apps** →  **Maps**.

### Navigating the Map

#### Zooming

- Double-tap on the screen to zoom in.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.




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**Tip:** For convenient browsing, you can rotate the device to landscape mode.

---



#### Scrolling

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

#### Touch

- Touch an icon on the map to display information about the location. For example, your location is indicated by a flashing  and a pop-up that says **My Location**.

## Maps Menu

1. From the Home screen, touch  **Maps**.
2. While viewing a map, touch  **Menu** for these options:
  - **Starred Places:** Display starred locations.
  - **Join Latitude/Latitude:** Join Latitude, to share your location with friends you choose and Google.
  - **Clear Map:** Remove search results from the map.
  - **Labs:** Access experimental features.
  - **Switch Account:** Choose a different Google account.
  - **Cache Settings:** Enable or disable **Prefetch on mobile** or **Clear map tile cache**.
  - **Help:** Learn about Google maps.
  - **Terms, Privacy & Notices:** View information about Google Maps, including the Terms and Conditions, Privacy Policy, Legal Notices, and Web History.
  - **About:** View information about Maps.

## Other Map Options

Touch the indicated icon to use these additional Map options:



**Search Maps:** Use the keypad to enter your request to Search the map for a city, location, and so on. Suggestions are displayed as you type.



**Speak:** Just speak a city, location, and so on, to display.



**Compass:** Set the map to always display north at the top of the screen or to automatically rotate like a compass, keeping north on the map facing north, and so on. Your device may have to be calibrated the first time you use this feature. Follow the on-screen instructions.



**Places:** Launch the Places app. For more information, refer to “Places” on page 71.



**Directions:** Displays the Directions pop-up. Enter **Start point** and **End point** or touch the button to the right of the fields to choose your current location, a contact's location, or to touch a point on the map. Touch the automobile, bus, bicycle, or walking icon for the appropriate directions. Then touch **Go** to display a list of directions. Touch the Directions list and scroll up or down. Touch an entry in the Directions list to show the point mentioned on the map.



**Layers:** Enable or disable a map layer to display. Choose from Traffic, Satellite, Terrain, Buzz, or Latitude. Touch **More Layers** to choose from My Maps, Bicycling, Wikipedia, or Transit Lines.






## 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.

You must first set up your tablet to use wireless networks to help pinpoint your location. Also, Latitude works best when Wi-Fi is enabled.

To enable Wi-Fi:



1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch **Location and security** → **Use wireless networks**.  
A green check mark  indicates the feature is enabled.
3. Touch **Wireless and networks** → **Wi-Fi** to turn Wi-Fi on.
4. Touch **Wireless and networks** → **Wi-Fi settings**, if necessary. For more information, refer to “*Wi-Fi*” on page 99.
5. Log on to your Google account.

To create a Google account or set up your Google account on your device use **Accounts and sync** settings. For more information, refer to “*Accounts and Sync*” on page 145.

6. Touch  **Home** →  **Apps** →  **Latitude**.

Your location is displayed on the map, accurate to 30 meters.

### Sharing Your Location with Friends

1. From the Latitude map screen, touch  **Latitude** to display your Latitude list of friends. At first, only your name is displayed.
2. Touch  **Menu** → **Add friends**.
3. Touch **Select from Contacts** or **Add via email address**.
4. Touch a contact.  
– or –  
Enter an email address and touch **Send**.
5. At the **Send sharing requests** prompt, touch **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 device, if it is available. Once they acknowledge your request, their location will display on your tablet. They can share their location from their computer, phone, or tablet.

For more information, go to <http://www.google.com/latitude>.

## Latitude Menu

1. From a Home screen, touch  **Apps** →  **Latitude**.
2. Touch  **Latitude** to display your Latitude list of friends.
3. Touch  **Menu** for these options:
  - **Refresh friends:** Update your Latitude list of friends.
  - **Check in:** Automatically check in at specific places you designate, and you will be checked in when you are there.
  - **Add friends:** Share your location with friends. For more information, refer to “*Sharing Your Location with Friends*” on page 69.
  - **Settings:** Used to set various Latitude options.
    - **Detect your location:** Enable or disable whether your location is updated automatically.
    - **Set your location:** Set your location manually.
    - **Do not detect your location:** Your friends cannot see your automatic location.
    - **Enable location history:** This history is only seen by you.
    - **Enable automatic check-ins:** Checks you in to places that you have designated.
    - **Enable check-in notifications:** Enables notifications that suggest places to check in.
    - **Manage your places:** View and modify your automatic check-ins and muted places.

– **Sign out of Latitude:** Signs you out of Latitude and launches the Maps application.

For the remaining options, see “*Maps Menu*” on page 68.

## Navigation

Use Google Navigation to find a destination and to get walking or driving directions.

---

**Note:** You must first create a Wi-Fi connection to use Navigation.




---

1. From a Home screen, touch  **Apps** →  **Navigation**.  
The **Set Destination** screen displays.
2. Touch either **Driving** or **Walking** in the Application bar to describe the type of directions you want.
3. Touch **Map** in the Application bar to see a map (Driving) or a satellite image (Walking) of your area.
4. If Driving, touch  **Route options** to set whether directions should **Avoid highways** and **Avoid tolls**.
5. To find a destination, touch an option:
  - **Speak Destination:** Say the name or address of your destination.
  - **Type Destination:** Enter the destination.
  - **Contacts:** Choose a destination from a contact record.
  - **Starred Places:** Choose destinations you have marked as favorites.

- **Recent Destinations:** Choose from recent destinations. This option is not available until a destination has been requested.
6. While navigating, touch  **Menu** for 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.
  - **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.

## Places

Google Places uses your location to help you find nearby destinations, such as restaurants, bars, hotels, attractions, ATMs, and gas stations, or you can enter a location.

1. From a Home screen, touch  **Apps** →  **Places**.
2. Touch a category or touch  **Add** to enter criteria.
3. Touch a destination to view details and for map and navigation options.




## Google Search

Search the internet, and your device, using the Google search engine.

---

**Tip:** The Google Search widget appears on a Home screen by default. For information about displaying widgets on the Home screen, see “*Adding Widgets to a Home screen*” on page 22.

---

1. From a Home screen, touch  **Google**.  
– or –  
From a Home screen, touch  **Apps**  
→  **Google Search**.
2. Use the keypad to enter search criteria to display matching searches.  
Suggestions display below the text entry area.
3. Touch a suggestion to search for that term.  
– or –  
Touch **Go** to start the search.  
A browser window displays the search results.




## Voice Search

Voice Search offers voice-activated Google searches.

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**Tip:** Voice Search is also available on the Google Search widget, which appears on a Home screen by default.





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1. From a Home screen, touch  **Voice Search**.  
– or –  
From a Home screen, touch  **Apps**  
→  **Voice Search**.
2. Touch **Speak now**, then speak your search criteria slowly and clearly. Google searches for the information and displays results.

## YouTube

View and upload YouTube videos right from your device.

1. From the Home screen, touch  **YouTube**.  
– or –  
From a Home screen, touch  **Apps** →  **YouTube**.
2. Touch the **Home** tab to return to the main YouTube page.
3. Touch the **Browse** tab to browse videos by categories like Comedy, Education, Music, and so on. Touch the desired category to display video thumbnails.

4. Touch the **Your Channel** tab to upload a video, see your favorites, manage your playlists, and display your subscriptions. To use this function, sign in to your YouTube account or add an account.
5. Touch  **Search YouTube** and use the keypad to enter a keyword or phrase to find a YouTube video. Touch  on the keypad to initiate the search.
6. While browsing, touch  **Menu** for these options:
  - **Sign in:** Sign in or add a YouTube account. You may have to sign in to YouTube to use certain options.
  - **Settings:** Configure display and search settings and view information about the application.
  - **Help:** Display YouTube help information.
  - **Feedback:** Display a YouTube feedback form.
7. While viewing a video, touch  **Share** to share the video by way of **Bluetooth**, **Email**, or **Gmail**.

8. While viewing a video, touch  **Menu** for these options:

- **Favorite:** Mark this video as a favorite.
- **Save to:** Save the video.
- **Copy URL:** Copy the URL of the video to the clipboard. For more information, refer to “*Copying and Pasting a Hyperlink or URL*” on page 64.
- **Flag:** Flag the video for YouTube review.
- **Settings:** Configure display and search settings and view information about the application.
- **Help:** Display YouTube help information.
- **Feedback:** Display a YouTube feedback form.


## Section 7: Music

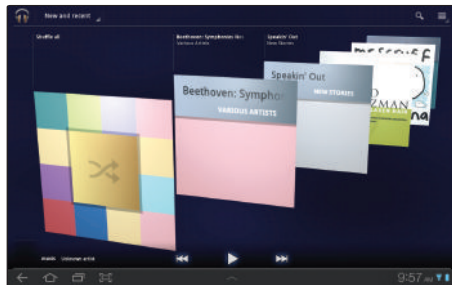
### Music App

The Music app contains a music player that plays music and other audio files that you copy from your computer.

1. From a Home screen, touch  **Apps** →  **Music**.



The Music app searches your online library and your device's internal storage for music and playlists; this can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays a carousel view of your new and recent music, organized by album.

2. Swipe left or right to spin the carousel and browse through your new and recent music.
3. Touch an album to open it.
4. Return to the Library screen from most other screens in the Music application by touching the Music application icon  at the top-left of the Application bar.



### Changing Library View

You can change the way you view the contents of your library.

1. From a Home screen, touch  **Apps** →  **Music**.
2. Touch the name of the current view, such as **New and recent**, near the top-left of the Application bar.
3. Touch an option to set how you view your library.

The choices are: **New and recent**, **Albums**, **Artists**, **Songs**, **Playlists**, or **Genres**.

---

**Note:** The contents of your library display in a scrolling grid, list, or carousel, depending on the view.

---

## Searching for Music


To find music in your library:

1. From a Home screen, touch  **Apps** →  **Music**.

2. Touch  **Search**.

3. Type the name of an artist, album, song, or playlist.

Matching songs are displayed in a list below the search box.

4. Touch a matching song to play it, touch a matching album, artist, or playlist to view a list of its songs, or touch  next to an item in the list to play it or add it to a playlist.

## Changing Music Settings

To change settings in the Music application:

1. From a Home screen, touch  **Apps** →  **Music**.


2. Touch  **Menu**.

3. The following options display:

- **Hide now-playing bar / Show now-playing bar:** Hide or show the Now Playing bar that appears at the bottom of the screen. You can return to the **Now playing** screen from other Music screens by touching the name of the current song in the Now Playing bar.
- **Shuffle all:** Play all songs in a random order.
- **Hide labels / Show labels:** Hide or show labels. This option is not available in all library views.
- **Help:** Opens the Browser with information about the Music application.

## Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset, or through a wireless Bluetooth stereo headset. For more information, refer to “Bluetooth” on page 100.

Touch the **Volume Key**  on the side of the device to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

## Playing Music


To play a song:

1. From a Home screen, touch  **Apps** →  **Music**.
2. Touch a song in your library to listen to it.

– or –

While viewing a list of songs, touch  next to a song and touch **Play**.

– or –

While viewing a list of albums, artists, playlists, or genres, the label area  under an item and touch **Play**.

The **Now playing** screen opens and the song you touched or the first song in the album or playlist starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option).

Otherwise, playback stops only if you stop it, even when you switch applications.

---


**Note:** If you navigate away from the **Now playing** screen in the Music application, the Now Playing bar appears at the bottom of the screen. You can use this to control playback or touch  **Menu** → **Hide now-playing bar**.

---

## Displaying the Now Playing Screen




If you navigate away from the **Now playing** screen, to return to the **Now playing** screen from other Music screens:

- ▶ Touch the name of the current song in the Now Playing bar.  
– or –

Touch the Music notification icon  in the System bar, and in the Status Details opens, touch the song title. You can also pause and resume playback and skip to the next or previous song in the panel. For more information, refer to “*Notifications*” on page 18.

## Options While Playing a Song

When you play a song, the **Now playing** screen displays. There are various options and controls available while a song is playing:

1. From a Home screen, touch  **Apps** →  **Music**.
2. Touch an album or song.
3. Touch  **Menu** to display the following options:
  - **Add to playlist:** Add the song to a new playlist or an existing playlist.
  - **More by artist:** View any other music in your library by the artist that performs this song.



- **Help:** Opens the Browser with information about the Music application.
4. Touch the **SONG** title to add the song to a playlist.
  5. Touch the **ARTIST** name to view information about the artist associated with this song.
  6. Touch **ALBUM** to list and play the songs on the album.
  7. The **Now playing** screen contains several buttons that you can touch to control the playback of songs, albums, and playlists:



When Shuffle mode is enabled, songs play in random order. When disabled, songs play in the order they appear in List view.



Touch to pause playback.



Touch to resume playback



Touch to advance to the next song. Touch and hold to scan forward through the current song.






Touch to go back to the previous song. Touch and hold to scan backward through the current song.






Touch to repeat the current song, repeat all songs, or disable repeat mode.



### Creating a Playlist

1. From a Home screen, touch  **Apps** →  **Music**.
2. Touch an album or song list and play a song.
3. Touch  **Menu** → **Add to playlist** → **New playlist**.
4. Touch the **NAME** field to enter a name for the playlist.
5. Touch **OK** to save the new playlist.




### Adding Songs to Playlists

1. From a Home screen, touch  **Apps** →  **Music**.
2. Touch an album or song list and play a song.
3. Touch  **Menu** → **Add to playlist**.

### Playing a Playlist



1. From a Home screen, touch  **Apps** →  **Music**.
2. Display the **Playlists** library view.
3. Touch  next to a playlist title and touch **Play**.

## Deleting a Playlist


1. From a Home screen, touch  **Apps** →  **Music**.
2. Display the **Playlists** library view.
3. Touch  next to a playlist title and touch **Delete**.

## Viewing Your Music Library

The Music player plays music and other audio files that you copy from your computer.

1. From a Home screen, touch  **Apps**  
→  **Music player**.




The Music player application searches your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays your music in several ways

2. Touch **Songs**, **Playlists**, **Albums**, **Artists**, **Genres**, **Folders**, **Composers**, or **Years** to change the way you view the contents of your library.
3. Touch the Music application icon  at the top-left of the Application bar to return to the previous Music screen.




## Managing Your Music

### Searching for Music




To find music in your library:

1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Touch  **Search**.
3. Type the name of an artist, album, or song.  
Matching songs are displayed in a list below the search box.
4. Touch a matching song to play it. Touch a matching album, or artist to view a list of its songs.





### Creating a Playlist

1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Touch  → **New playlist**.
3. Touch the name field to enter a name for the playlist.
4. Touch **Done** to save the new playlist.


## Renaming a Playlist

1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Touch **Playlists**, touch a playlist, and then touch  **Menu**  
→ **Rename playlist**.
3. Touch the name field to enter a new name for the playlist.
4. Touch **Done** to save the new playlist.

## Adding Songs to Playlists

1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Touch  and touch a playlist.  
– or –  
Touch **Playlists**, touch a playlist, and then touch  **Menu**  
→ **Add music**.




All songs are displayed.

3. Touch  next each song you want to add or next to **Add all** to add all songs to the playlist.


The songs appear under the playlist to the right of the songs list.

4. Touch **Done** to save the playlist.





## Removing Songs from Playlists

1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Touch  and touch a playlist.



All songs are displayed to the left and the songs in the playlist are displayed on the right, under the playlist name.

3. Touch  to remove a song from the playlist.
4. Touch **Done** to save the playlist.





## Changing the Order of a Playlist

1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Touch **Playlists** and touch a playlist.
3. Touch  **Reorder** to change the order of the songs.  
Touch the grid  on an entry and drag the entry to a new position in the list.
4. Touch **Done** to change the order and save the playlist.

## Playing a Playlist




1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Display the **Playlists** library view.
3. Touch **Favorites**, **Most played**, or Recently added, or touch a playlist title that you created. and touch **Play**.



## Deleting a Playlist

1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Touch **Playlists** and touch a playlist.
3. Touch  **Delete** in the Application bar.
4. Touch the box next to a playlist title. A check mark  indicates the playlist is to be deleted.
5. Touch **Remove** to delete the selected playlist.

## Changing Music Settings


To change settings in the Music application:

1. From a Home screen, touch  **Apps**  
→  **Music player**.
2. Touch , **Menu** to display the following options:

- **Delete:** Touch the box for any song or album you want to delete or touch the box for **Select all** to select every song or album. A check mark  indicates the song or album is to be deleted. Touch **Delete** to delete the selected items.
- **Share via:** Share your music by using AllShare, Bluetooth, Gmail, or Email. Select the songs you want to share and touch **Share**.
- **Set as alarm tone:** Choose a song and touch **Set** to use the song as an alarm tone.
- **Settings:** The following settings display:
  - **Sound settings:** Choose **Equalizer** and **Sound effects** settings.
  - **Music menu:** Enable or disable the music display options that appear on the main music screen. A check mark  next to an option means that it is enabled.



## Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset or through a wireless Bluetooth stereo headset. For more information, refer to "*Bluetooth*" on page 100.

Touch the **Volume Key**  on the side of the device to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

## Playing Music

To play a song:


1. From the Home screen, touch  **Apps**  
→  **Music player.**
2. Touch a song in your library to listen to it.  
— or —

While viewing a list of albums or genres, touch the album thumbnail and then touch a song in the list of songs on the album.

The song you touched starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.



## Accessing the Music Player

If you navigate away from the **Music** application and music is playing, you can change songs or easily return to the Music player:

1. Touch the Music notification icon  in the System bar.
2. In the Status Details, touch the song title to display the Music player. You can also pause and resume playback and skip to the next or previous song in the panel. For more information, refer to “*Notifications*” on page 18.

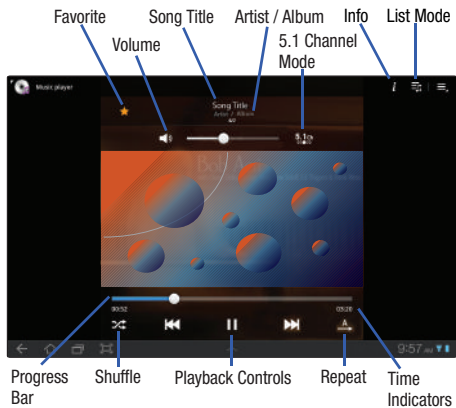
## Music Player

The Music player plays music and other audio files that you copy from your computer.

1. From the Home screen, touch  **Apps**  
→  **Music player.**
2. Touch a song or playlist to begin playback.

The music player displays to the right of the music listing.

3. Touch the music player to enlarge it and touch the screen to display the sound and playlist controls.







#### 4. During playback, use the sound and playlist controls:

- **Favorite:** Touch the star ★ to mark the current song as a favorite.
- **Info:** Touch to view information about the current song.
- **List mode:** Touch to switch to the list of songs.

- **Volume:** Touch to toggle Vibration or Silent mode and Sound mode, then touch and drag on the scale to set volume. You can also press the Volume Key on the side of the device to adjust playback volume.
- **5.1 Channel Mode:** Touch to enable stereo sound.
- **Progress Bar:** Touch and drag the end of the progress bar to scan forward or backward through the current song.
- **Shuffle:** When enabled, songs play in random order. When disabled, songs play in the order they appear in List view.
- **Playback controls:** These buttons control the playback of songs:
  - Touch to advance to the next song. Touch and hold to scan forward through the current song.
  - Touch to go back to the previous song. Touch and hold to scan backward through the current song.
  - Touch to pause playback. Touch to resume playback.
- **Repeat:** Touch to repeat the current song, repeat all songs, or disable repeat mode.
- **Time indicators:** The time indicators show, in minutes and seconds, how much of the song has played (left) and the length of the song (right).

## Options While Playing a Song

There are various options and controls available while a song is playing:

1. From the Home screen, touch  **Apps**  
→  **Music player**.
2. Touch an album or song.
3. Touch  **Menu** to display the following options:
  - **Add to playlist:** Add the song to a new playlist or an existing playlist.
  - **Via Bluetooth:** Play the current song by using a Bluetooth device.
  - **Share via:** Share the current song by using AllShare, Bluetooth, Gmail, or Email.
  - **Set as alarm tone:** Use the current song and as an alarm tone.
  - **Settings:** The following settings display:
    - **Sound settings:** Choose **Equalizer** and **Sound effects** settings.
    - **Music menu:** Enable or disable the music display options that appear on the main music screen. A check mark  next to an option means that it is enabled.





## Music Hub

Samsung Music Hub makes your device a personal music manager and lets you access, buy, and download millions of music tracks. Access top albums, top tracks, featured albums, and new releases. Music Hub allows you to search for tracks, albums, and artists. Enjoy music samples before you download them directly to your Wi-Fi Galaxy Tab.

---

**Note:** You must sign up for an account before accessing some of the Music Hub options.

---

1. From the Home screen, touch  **Music Hub**.  
– or –  
From a Home screen, touch  **Apps** →  **Music Hub**.
2. Read the Disclaimer and touch **Confirm** to continue or  **Back** to exit.  
The Music Hub Home screen displays.



3. Touch one of the following options:

- **Featured:** This is the Music Hub home screen. Displays top albums, featured albums, top tracks, new releases, and more. Touch an item to display more information and prices.
- **Genres:** Displays bestsellers and new releases by genre, such as pop, rock, jazz, comedy, and blues.
- **Playlists:** Displays downloaded playlists and your library of songs and albums. Touch **New** to create a new playlist.
- **My page:** Displays the following options:
  - **Basket:** Displays songs that you have selected to buy. Touch **Buy** to start the purchase process. Touch  **Menu** → **Delete all** to clear your basket or touch  **Remove** to delete songs from your basket.
  - **Purchase List:** Displays a list of your purchases.
  - **Payment information:** Allows you to set up your payment method. Touch **Add card** to enter your payment information.
  - **Help:** Display help information for Music Hub.

---




**Note:** You have to be signed in to use some options. To sign in, touch **Sign in** and use the keypad to enter your **Email address** and Music Hub **Password**. Touch **Sign in** or touch **Create account** to set up a new account.

---

4. Touch  **Search** and use the keypad to enter a key word or phrase to search for tracks, albums, or artists. Touch  on the keypad to search Music Hub. Touch the **Tracks**, **Artists**, and **Albums** tabs to view the results.

## **Making a Purchase**

You can use Music Hub to buy a albums or a individual tracks. You can also build your own album from various tracks.

1. From the Home screen, touch  **Music Hub**.
2. Touch an album or a track.
3. Touch  next to an album to add the album to your basket or next to each track that you want to add to your basket.
4. Touch  next to an album to add the album to your album or next to each track that you want to add to your album. Touch **New** to create a new album.



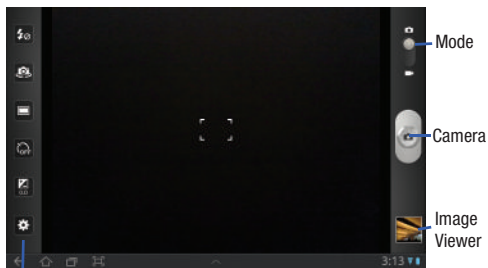
## Section 8: Photos and Video

### Camera

Use your device's built-in camera and camcorder to take photos and record videos.



- ▶ From the Home screen, touch  **Apps** →  **Camera**.

The Camera screen displays.



Options

### Taking Photos

1. From the Home screen, touch  **Camera**.
2. Using the display as a viewfinder, compose your photo by aiming the lens at the subject. To configure settings, see “*Camera Options*” on page 86
3. To take the photo, touch the **Camera** button.
4. Touch  **Back** to leave the Camera and display the previous screen.

---

**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.

---

## Camera Options

Before you start taking photos, use the camera options to configure the camera for best results. Camera options are represented by icons on the left side of the screen. While in Camera mode, touch the following icons to set camera options:



**Flash:** Choose a flash mode from Auto flash, On, or Off, which is the default.



**Self-portrait:** Touch to switch to the front-facing camera lens so you can take a photo of yourself.



**Shooting mode:** Choose an automatic shooting mode, from:

- **Single shot:** Take a single photo.
- **Smile shot:** Touch the camera button to automatically detect your subject's face and take the photo.
- **Panorama:** Touch the Camera button to take a photo, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.
- **Action shot:** Detects action and creates a panorama of the moving object.




**Timer:** Set a timer for how long to wait before taking a photo. Options are: Off, 2 sec, 5 sec, and 10 sec.



**Exposure value:** Adjust exposure time of camera sensor for taking picture. Can affect photo brightness.



### Settings:

- **Focus mode:** Set the focus mode to Auto focus or Macro.
- **Scene mode:** Choose an automatic scene mode from None, Landscape, Night, Sports, Party/Indoor, Sunset, Dawn, Text, or Candlelight.
- **White balance:** Set the light source. Options are: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- **Effects:** Apply an effect to photos. Options are: None, Grayscale, Sepia, or Negative.
- **Resolution:** Set a size for the image. Options are: 3.2M (2048x1536) or 0.8M (1024x768).
- **Metering:** Set how the camera measures or meters the light source: Matrix, Center-weighted, or Spot.
- **GPS tag:** Enable or disable tagging of photos with your GPS location.  displays on the screen when this option is active.




---


**Caution!** Be aware that your location may be present on a photo when posting your photos on the internet.

---

## Viewing Photos with the Image Viewer

After taking a photo, use the Image Viewer to view, share, delete, or edit photos.


1. Touch **Image Viewer** to view the photo.
2. Touch the screen to show or hide Image Viewer options.
3. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to “Pinch” on page 18.
4. Sweep across the screen to display the next or previous photo. The current photo is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo it represents.
5. Touch  **Share via** to use AllShare, Bluetooth, Email, Gmail, Picasa, or Social Hub to share the photo.
6. Touch  **Set as** to assign the photo as a Contact photo, Lock Screen, or Wallpaper.
7. Touch  **Delete** to delete the photo being displayed. Touch **OK** to delete the photo or **Cancel** to exit.

8. Touch  **Go to gallery** to open the current photo in the Gallery, which offers additional photo management options. For more information, refer to “Gallery” on page 91.

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**Note:** Photos are stored in the /Root/DCIM/Camera folder as jpg files.

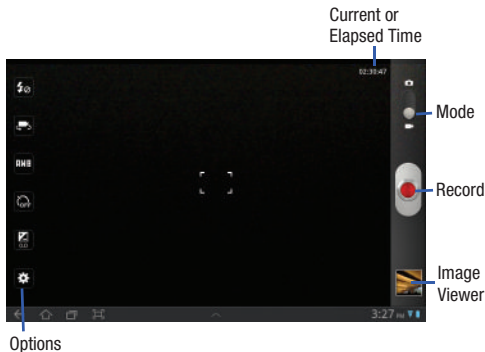
---



9. Press  **Back** to return to the Camera to take more photos.

## Camcorder

Use your device’s built-in Camcorder to record high-definition video in 720p resolution.

1. From the Home screen, touch  **Camera**.
2. Slide the  **Mode** button to the  **Camcorder** setting. The Camcorder screen displays.



5. Touch  **Record** to stop recording.
6. Touch  **Back** to leave the Camcorder and display the previous screen.

---

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

---

### Camcorder Options

Before you start recording videos, use the camcorder options to configure the camcorder for best results. Camcorder options are represented by icons on the left side of the screen. While in Camcorder mode, touch the following icons to set camcorder options:



**Flash:** Touch Off or On.



**Self shot:** Touch to switch to the front-facing camera lens and record a video of yourself.







**White balance:** Set the light source. Options are: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.



**Timer:** Set a timer for how long to wait before recording a video. Options are: Off, 2 sec, 5 sec, and 10 sec.

### Recording Videos

1. From the Home screen, touch  **Camera**.
2. Slide the  **Mode** button to the  **Camcorder** setting.
3. Using the display as a viewfinder, compose your shot by aiming the lens at the subject. To configure settings, see “Camcorder Options” on page 88
4. To start recording, touch  **Record**. During recording, the **Record** button flashes.



**Exposure value:** Set the brightness of the video.






**Settings → Video:**

- **Effects:** Apply an effect to videos. Options are: None, Grayscale, Sepia, or Negative.
- **Resolution:** Set a size for the video. Options are: 1280x720 or 640x480.

### Viewing Videos with the Image Viewer

After recording a video, use the Image Viewer to play, share, or delete your video.







1. Touch **Image Viewer** to view the video.
2. Touch the screen to show or hide Image Viewer options.
3. Sweep across the screen to display the next or previous video. The current video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the video it represents.
4. Touch  **Share via** to use AllShare, Bluetooth, Email, Gmail, or YouTube to share the video.
5. Touch  **Delete** to delete the video being displayed. Touch **OK** to delete the photo or **Cancel** to exit.

6. Touch  **Go to gallery** to open the current video in the Gallery, which offers additional video management options. For more information, refer to “*Gallery*” on page 91.

---










**Note:** Videos are stored in the /Root/DCIM/Camera folder as mp4 files.

---

7. To play a video, touch  **Play**. Touch  **Pause** to pause the video and touch  **Resume** to resume playing the video.
8. Touch and drag the  white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.  
– or –  
Touch **Rewind**  to restart the video or **Fast Forward**  to end the video.
9. Press  **Back** to return to the Camcorder.

## Video

Your device's 8.9-inch 1280x800 WXGA TFT (PLS) LCD screen provides playback of videos. Use Video to view and manage videos stored on your tablet.

1. From a Home screen, touch  **Apps** →  **Video**.
2. Touch the **Thumbnails**, **List**, or **Folders** tab.
3. While viewing the list, touch  **Menu** for options:
  - **List by:** Display videos by Name (default), Date, Size, or Type.
  - **Share via:** Share the video with AllShare, YouTube, Bluetooth, Gmail, or Email.
  - **Delete:** Touch videos to select them for deletion or touch **Select all** to delete all videos. Touch **Delete** to deleted the selected videos.
  - **Auto play next:** Touch to enable or disable automatic playing of videos in the order they appear.
4. Touch a video to play it. While playing a video, touch the screen to display or hide on-screen playback controls.
5. Touch the icon in the upper left corner of the display screen while the video is playing to change the Display Mode from original size to full screen in ratio or full screen.
  - **Original Size** (): Changes the display mode to the original size.
  - **Full-Screen in Ratio View** (): Changes the display mode to the full-screen in ratio option. The video is enlarged as much as possible without becoming distorted.
  - **Full-Screen View** (): Changes the display mode to full screen. That is, the entire screen is used, which may cause some minor distortion.
6. While the video is playing, touch  **Bookmark** to mark your favorite areas of the video. A yellow mark appears on the progress bar.
7. During playback, press  **Menu** for options:
  - **Share via:** Send the video by YouTube, Bluetooth, Gmail, or Email.
  - **Bookmarks:** If bookmarks have been set for this video, a thumbnail and time are displayed for each bookmark. Touch  to remove a bookmark.
  - **Color tone:** Set the color tone to Normal, Warm, or Cold.
  - **Outdoor visibility:** Turn outdoor visibility On or Off.
  - **Details:** Provides details about the video, such as Name, Size, Resolution, Duration, Format, and Date modified.




For more information, refer to “*Playing Videos*” on page 94.



## Gallery

Your device's 8.9-inch 1280x800 WXGA PLS TFT LCD screen provides high-resolution display of photos and videos.





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

### Selecting Photos and Videos to View






1. From a Home screen, touch  **Apps** →  **Gallery**.  
All categories display.
2. Touch **By album** to display other ways to group your photos and videos. Options are:
  - **By album:** Based on the folder in which they are stored.
  - **By time:** Based on the time taken.
  - **By location:** Based on where taken.
  - **By tags:** Based on tags applied.
  - **By size:** Based on size.
3. Touch **Images and videos** to set whether to display Images and videos, Images only, or Videos only.
4. Touch  **Camera** to launch the Camera app.



5. Touch  **Information** and touch an Album to display information about it.
6. Touch  **Menu** to display the **Make available offline** option.

### Viewing Categories of Photos and Videos

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category to view it.
3. Touch  **Information** and touch a photo or video to display information about it. Touch **X** in the pop-up to close it.
4. Depending on the way you chose the category, you can view it **By Album**, **By time**, **By location**, **By tags**, or **By size**. You can also change the category to view **Images and videos**, **Images only**, or **Videos only**.
5. Touch  **Slideshow** to view a slideshow of the photos and video thumbnails in the category. Touch the screen to stop the slideshow and view the photo or video being displayed.

## Viewing Photos and Videos

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category to view it and then touch a photo or video thumbnail.
3. Touch the screen to show or hide Gallery options.
4. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to “Pinch” on page 18.
5. Sweep across the screen to display the next or previous photo or video. (Videos are indicated by the  **Play** button.) The current photo or video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo or video it represents.
6. Touch  **Slideshow** to view a slideshow of photos and video thumbnails in the category. Touch the screen to stop the slideshow and view the photo or video being displayed.
7. Touch  **Share** to use Picasa (photos), YouTube (videos), Bluetooth, Gmail, or Email to share the photo or video.

8. Touch  **Delete** to delete the photo or video being displayed. Touch **Confirm Delete** to delete the photo or video or **Cancel** to exit.
9. Touch  **Menu** to display the following options for photos:
  - **Details:** Provides details about the photo such as Title, Time, Location, Width, Height, File Size, and so on. Touch the **X** to close the pop-up.

---

**Note:** Photos are stored in the /Root/DCIM/Camera folder as jpg files.

---

- **Show on map:** This option displays if a Location exists for the photo. A Location is added to the photo if **GPS tag** is set **On** in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. For more information, refer to “*Camera Options*” on page 86.

---

**Caution:** Be aware that your location may be present on a photo when posting your photos on the internet.

---

- **Rotate Left:** Allows you to rotate the photo counterclockwise 90 degrees.
- **Rotate Right:** Allows you to rotate the photo clockwise 90 degrees.
- **Set picture as:** Assign the photo as a Contact photo, Lock Screen, or Wallpaper.



- **Crop:** Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok**. Touch **X** to stop without cropping the photo.
- **Print:** Print the current photo to a Samsung printer. Your device is compatible only with some Samsung printers.
- **Copy:** Copy the current photo to the clipboard.
- **Motion:** Display the Motion settings. For more information, refer to “*Motion Settings*” on page 147.

There is only one option for videos that are not playing:

- **Details:** Provides details about the video such as Title, Time, Duration, File Size, and so on. Touch the **X** to close the pop-up.

For menu options while a video is playing and other video options, see “*Video*” on page 90.




---

**Note:** Videos are stored in the /Root/DCIM/Camera folder as mp4 files.

---

10. Press  **Back** to return to the category screen.

### Setting a Photo as a Contact Icon

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category, then touch a photo to select it.
3. Touch  **Menu** → **Set picture as** → **Contact photo**.

4. Touch a contact entry.

The **Crop picture** screen displays.




5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok** to save the cropped photo as the contact's icon. Touch **X** to stop without cropping the photo.

---

**Tip:** To remove the icon, see “*Updating Contacts*” on page 45.

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### Setting a Photo as Wallpaper




1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category, then touch a photo to select it.
3. Touch  **Menu** → **Set picture as** → **Wallpaper**.  
The **Crop picture** screen displays.
4. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok** to save the cropped photo as wallpaper. Touch **X** to stop without cropping the photo.

---



**Tip:** To change wallpaper, see “*Wallpapers*” on page 27.

---


## Setting a Photo as a Lock Screen

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category, then touch a photo to select it.
3. Touch  **Menu** → **Set picture as** → **Lock Screen**.  
The **Crop picture** screen displays.
4. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok** to save the cropped photo as wallpaper. Touch **X** to stop without cropping the photo.



## Playing Videos


1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category to view it and then touch a video thumbnail to play the video.

---



**Note:** Videos are marked with a  **Play** button.

---

3. Touch  **Pause** to pause the video.
4. Touch  **Resume** to resume playing the video.





5. Touch and drag the  white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

– or –

Touch **Rewind**  to restart the video or **Fast Forward**  to end the video.



## Sharing Photos and Videos

Share photos and videos with your friends.




1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category to display thumbnails, then select items for sharing:
  - To select an entire category, touch and hold a photo or video thumbnail, then touch **Select all** →  **Share**. Touch **Deselect All** to unhighlight photos and videos.
  - To select multiple photos or videos from a category, touch and hold a photo or video thumbnail, touch thumbnails to highlight them for sharing, then touch  **Share**.
3. Touch **AllShare**, **Social Hub** (photos only), **Picasa** (photos only), **YouTube** (videos only), **Bluetooth**, **Gmail**, or **Email**, then follow the prompts.

## Photo Editor

The Photo editor application provides basic editing functions for photos 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 photo.

1. From a Home screen, touch  **Apps**  
→  **Photo editor**.
2. Touch **Select picture** to edit a photo in your Gallery.  
– or –  
Touch **Take a picture** to take a photo with the camera.
3. Touch the photo to load it into the Photo editor.
4. Use the following Photo editor controls to edit your photo:



**Selection:** Touch the selection icon and then touch **Rectangle**, **Ellipse**, **Lasso**, or **Grab** to set how to mark an area for cropping, rotating, and so on. Touch  to select a single area,  to add to a selected area, or  to remove part of a selected area.



**Selection Size:** Set the size of the Grab selection area. Drag the slider from small to large.



**Select All:** Select the entire photo.



**Undo:** Remove the last change.



**Redo:** Restore a removed change.



**Rotate:** Rotate a photo to the left or to the right or create a mirror image of the photo.



**Resize:** Touch and then drag the corners of the photo to resize it.



**Crop:** Touch to crop (cut-out) an area of a photo.





**Color:** Set the **Auto adjustment**, **Exposure**, **Saturation**, **Contrast**, **Brightness**, and **Hue** of a photo. You can also make it **Grey-scale** or add a **Temperature** effect.



**Effects:** Add various effects to your photo, such as **Blur**, **Motion**, **Filter**, or **Frames**.



**Tools:** Copy and Paste to another image or to the original image. You can also Fill a selected area.

5. When all updates to the photo have been made, touch  **Save**. Use the keypad to name the edited photo and touch **Yes** to save it.
6. While editing a photo, touch  **Menu** to display the following options:
  - **Select picture:** Open a new photo for editing.
  - **Take a picture:** Open the Camera and take a new photo.
  - **Share via:** Touch **AllShare**, **Social Hub**, **Picasa**, **Bluetooth**, **Gmail**, or **Email** to send memos to another device or another person.
  - **Set as:** Use this photo as a **Contact photo**, a **Lock Screen**, or **Wallpaper** image.

## Media Hub


Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining on the go has never been easier. You can rent or purchase your favorite content and conveniently watch anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you have never experienced it before.

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**Note:** Media Hub service requires a Media Hub account and depends on service availability.



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1. From a Home screen, touch  **Apps** →  **Media Hub**.

2. Read the End-User License Agreement (EULA) and touch **Accept** to continue or **Decline** to exit.  
The Media Hub screen displays.
3. To rent or buy media, you must have a MediaHub account. Touch  **Menu** → **My Account** to log in to your account or to create an account. Follow the prompts to complete log-in.
4. Browse content using these options:
  - **What's new:** Recently-added titles for rent or purchase.
  - **Movies:** Movies you can rent or purchase.
  - **TV Shows:** TV shows you can rent or purchase.
  - **My Media:** Content you have previously purchased or rented.
5. When you find media you want to view, use these options:
  - **Preview:** View a short clip from the movie or show.
  - **Own:** Purchase the media for unlimited viewing on your device. Follow the prompts to enter payment details.
  - **Rent:** Purchase a time-limited download of the media. Follow the prompts to enter payment details.




## Movie Studio

Use Movie Studio to edit the videos you take with the camcorder or copy onto your tablet into movies. You can cut and order scenes, add a sound track, and so on.

- ▶ From a Home screen, touch  **Apps**  
→  **Movie Studio.**

### Adding a New Movie Project

To use Movie Studio to work with videos, add a new project:



1. From a Home screen, touch  **Apps**  
→  **Movie Studio.**
2. Touch  **New project.**

The **Project name** pop-up displays.

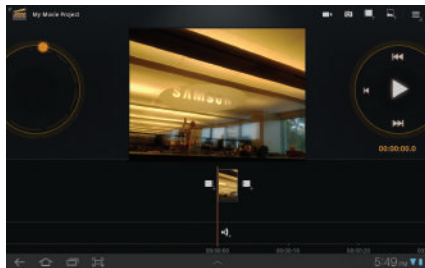
3. Use the keypad to enter a project name and touch **OK.**






### Updating a Movie Project








There are several ways to add videos, photos, and sound to your movie project.


1. From a Home screen, touch  **Apps**  
→  **Movie Studio.**

2. Add a new project or touch an existing movie project.  
The **Movie Project** screen displays.





3. To add video clips or photos to your project, touch one of the following:
  -  **Camcorder** to record a new video segment.
  -  **Camera** to take a new photo.
  -  **Add video** to add an existing video.
  -  **Add photo** to add an existing photo.
  -  **Add music** to add music to your project.

4. Touch  **Menu** to display the following options:
  - **Import Music:** Add music to your project.
  - **Change aspect ratio:** Choose an aspect ratio. The aspect ratio of each segment in the project is listed.
  - **Change project name:** Use the keypad to change the name of the current movie project.
  - **Export movie:** Set the movie size and quality, and save the updated movie.
  - **Delete project:** Delete the current movie project.
5. To control playback of your project, touch one of the following
  -  **Play** to play the video.
  -  **Pause** to pause the video.
  -  **Previous segment** to go back one segment.
  -  **Next segment** to go forward one segment.
  -  **Rewind** to back up to the start of the project segments.
6. Touch and drag the  **Workspace control** to expand or contract the workspace.
7. Touch a segment to add effects, add a title, and select a transition for the beginning or end of the segment.

8. Touch a segment and then touch  **Menu** to display the following options:
  - **Change rendering mode:** Choices are **Black borders**, **Stretch to fit**, and **Crop**.
  - **Remove:** Delete the selected segment.

### **Deleting a Movie Project**

To delete an existing movie project:

1. From a Home screen, touch  **Apps**  
→  **Movie Studio**.
2. Sweep across the screen to locate the project you want to delete.
3. Touch and hold the project thumbnail.
4. Touch **Delete project** and then touch **Yes**.

## Section 9: Connections

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Your device includes features to connect to the internet and to other devices by using Wi-Fi, Bluetooth, or a USB cable.

### Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your device's Wi-Fi feature to:

- Access the internet for browsing or to send and receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots) or Secured (requiring you to provide login credentials). Your device supports the 802.11 a/b/g/n Wi-Fi protocol.

### Configuring Wi-Fi Settings

For more information about configuring your device's Wi-Fi settings, see *“Wi-Fi Settings”* on page 131.

Finding Wi-Fi Networks

You can have your device automatically notify you of available networks. For more information, refer to *“Network Notification”* on page 132.

### Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, in-range WAPs (Wireless Access Points).

#### Turning Wi-Fi On

1. From any screen, sweep your finger downward from the top to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On.

#### Turning Wi-Fi Off



1. From any screen, sweep your finger downward from the top to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi Off.

## Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your device searches for available Wi-Fi connections, then displays them on screen.

1. From any screen, sweep your finger downward from the top to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On. Your device automatically scans for available Wireless Access Points.
3. When the scan is complete, touch a Wi-Fi network to connect. If the Wi-Fi network is open, your device automatically connects. If the Wi-Fi network is secured, enter the password at the prompt to connect.

### Adding a Wi-Fi Network Manually

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks** → **Wi-Fi settings**.
2. Touch **Wi-Fi** to turn Wi-Fi On.
3. Touch **Add Wi-Fi network**, then enter information about the network:
  - **Network SSID:** Enter the name of the Wi-Fi Wireless Access Point (WAP).
  - **Security:** Select the type of security used by the WAP.

---

**Note:** Depending on the Security protocol used by the WAP, additional network information may be required, such as Proxy settings, IP settings, or a Password.

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- **Proxy settings:** If the WAP is Open, touch **Manual**, if required, and then enter **Hostname**, **Proxy port**, and **No Proxy for** values.
  - **IP settings:** If the WAP is Open, touch **Static**, if required and then enter **IP address**, **Gateway**, and so on.
  - **Password:** If the WAP is secured, enter the password or hex key.
4. Touch **Save** to save the settings.

## Bluetooth

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

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



### Configuring Bluetooth Settings

Configure your device's Bluetooth settings. For more information, refer to *"Bluetooth Settings"* on page 133.



## Turning Bluetooth On or Off

To turn Bluetooth on or off:

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks**.
2. Touch **Bluetooth** to turn Bluetooth on or off. When Bluetooth is enabled, a green check mark appears next to the field.

---

**Note:** When Bluetooth is on, the **Bluetooth** icon  displays in the Status Bar.

---



## Pairing with a Bluetooth Device

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

---

**Tip:** After pairing, your device and the target device recognize each other and exchange information without having to enter a passcode or PIN.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks** → **Bluetooth settings**.
2. Touch **Bluetooth** to turn on Bluetooth.
3. Enable the target device's discoverable or visible mode.
4. Touch **Find nearby devices**.

5. From the list of scanned devices, touch the target device, then follow the prompts to complete the pairing:
  - If the target device requires a PIN, enter a PIN for the target device and touch **OK**. When prompted, enter the PIN on the target device.
  - If the device allows automatic or smart pairing, your device attempts to pair with the device automatically. Follow the prompts on your device and the target device to complete the pairing.

## Managing Downloads

Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. You can use the Downloads app to view, reopen, or delete what you have downloaded.



To manage the demands on their networks or to help you avoid unexpected charges, some mobile networks place restrictions on the size of the files you can download. When you are connected to such networks, and you try to download an oversized-file, you are asked or required to delay downloading the file until the next time you are connected to a Wi-Fi network. At that time, the download resumes automatically. The Downloads app can also be used to view and manage these queued files.

Downloaded files are stored in the Download directory in your tablet's internal storage. You can view and copy files from this directory when connected to a computer with a USB cable.

## Uninstalling an App

Apps come pre-installed on your device and you can download additional apps from Market. If you decide to, you can uninstall apps you downloaded from Market and other sources.

There are several ways to uninstall an app:


1. From a Home screen, touch  **Apps** →  **Settings**  
→ **Applications** → **Manage applications**.
2. Touch the **Downloaded** tab.
3. Touch the app you want to uninstall.
4. Touch the **Uninstall** button.


The Uninstall application? pop-up displays.

5. Touch **OK** to confirm you want to uninstall the app.

You can also use Market to uninstall apps you downloaded from there (see “Market” on page 114.).

To uninstall an app from the My apps screen:

1. From a Home screen, touch  **Apps**.
2. Touch the **My apps** tab in the Application Bar.

3. Touch and hold an the app’s icon and drag it to the  **Remove** icon to uninstall and remove the app from your tablet.

---

**Note:** You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

---

## Samsung Kies

Samsung Kies is a software that enables you to update your device firmware, synchronize files, and transfer data to and from your device directly by connecting to the PC.

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**Note:** Some features will be supported through the System Updates feature in the future. For more information, refer to “Software Update” on page 155.

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To learn more about Samsung Kies and Samsung applications, browse featured applications and download Kies at:  
<http://www.samsung.com/us/support/downloads>.

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**Note:** Samsung Kies works on both PC and Macintosh computers.

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## Connecting With Samsung Kies

1. Install Samsung Kies software on your PC.

---

**Warning!** Close any running applications before connecting your device to a PC.


---

2. From a Home screen, touch  **Apps** →  **Settings** → **Applications** → **Development** → **USB debugging**.

Make sure this setting is *not* checked. If this option is checked, Samsung Kies will not function properly.

3. Using an optional PC data cable, connect the multifunction jack on your device to a PC.

---

**Note:** PC connection is only available in idle mode. Touch the  **Home Key**, if necessary.

---

4. Run Samsung Kies and follow the prompts to update your device firmware.
5. Refer to Samsung Kies Help for more information.

## Section 10: Applications and Widgets

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This section contains a description of each application that is available on the Apps screen, 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. Various widgets are also described.

---

**Tip:** To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For details, see “*Adding App Shortcuts from the Apps Screen*” on page 26.

---

### GPS Applications

GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation and to access local searches based on a variety of category parameters.

To receive better GPS signals, avoid using your device in the following conditions:

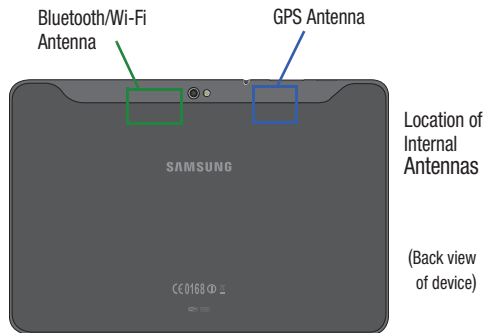
- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available.

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**Important!** If you touch or cover the internal GPS antenna while using GPS services, it may impede the GPS signal resulting in the GPS services not working in an optimal manner. Refer to the following diagram to locate the approximate location of the internal GPS antenna.




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## Alarm




Set alarms for reminders or for wake-up times.

### Adding and Configuring Alarms



1. From a Home screen, touch  **Apps** →  **Alarm**.
2. Touch  **Add alarm** or touch an alarm that already set.
3. Touch fields to configure the alarm:
  - **Time:** Set a time for the alarm to sound. Touch **+** or **-** to change the hour and minute, and touch **AM** or **PM**.
  - **Label:** Enter a name for the alarm.
  - **Repeat:** Choose days for the alarm to repeat. Alarm days are blue.
  - **Ringtone:** Choose a tone for alarms.
  - **Vibrate:** Enable or disable vibration for the alarm.
  - **Snooze:** Enable or disable the snooze option for the alarm.
4. Touch **Done** to save the alarm.


The main Alarm screen displays showing the new or updated alarm.

### Activating Alarms

1. From a Home screen, touch  **Apps** →  **Alarm**.
2. Touch  **Turn alarm on** to activate the alarm. A gray alarm means the alarm is deactivated.
3. Touch an alarm to change any of its settings and then touch **Done** to save the updates.




### Deactivating and Deleting Alarms

1. From a Home screen, touch  **Apps** →  **Alarm**.
2. Touch and hold an alarm and then touch one of the following options:
  - **Delete alarm:** Delete the alarm.
  - **Deactivate alarm:** Turn off the alarm.– or –

Touch an existing alarm and touch  **Delete**. The Delete alarm pop-up displays. Touch **OK**.

## Alarm Settings

To configure general alarm settings:



1. From a Home screen, touch  **Apps** →  **Alarm**.
2. Touch  **Settings**.

The following options display:




- **Alarm in Silent mode:** Enable alarms to play even if the tablet is in Silent mode.
- **Alarm volume:** Touch and drag the slider to set Alarm volume.
- **Snooze duration:** Set the snooze delay time to 5, 10, 15, 20, 25, or 30 minutes.
- **Snooze repeat:** Indicate how many times to repeat the snooze alarm: 1, 2, 3, 5, or 10 times.
- **Side button settings:** Set what action the side buttons should take during an alarm: None, Snooze, or Dismiss.
- **Set default ringtone:** Choose a ringtone to play as a default, if the Ringtone is not defined for an alarm. Touch the button next to the ringtone you want to set and touch **OK**.

## Alarm Volume

Alarm volume can also be set by using the Settings app.

1. From a Home screen, touch  **Apps** →  **Settings** → **Sound** → **Volume**.
2. Touch and drag the slider to set **Alarm** volume.

Another method of setting the alarm volume is to:

1. Press the **Volume key** .
2. Touch  on the pop-up.
3. Touch and drag the slider next to the  **Alarm**.

## AllShare

AllShare allows your tablet to stream photos, music, and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your tablet 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>.

---

## Configuring AllShare

Connect to Wi-Fi, configure AllShare settings to identify your device as a server, and set treatment of copied files.

1. Connect to a Wi-Fi network. For more information, refer to “Scanning and Connecting to a Wi-Fi Network” on page 100.
2. From a Home screen, touch  **Apps** → **AllShare** .

3. Touch  **Settings** to configure these settings:
  - **Media server name:** Use the keypad to enter a new media server name, if desired (the default is your device's default name), then touch **Save**.
  - **Share media:** Allows you to restrict what is shared from your device. Touch the items you want to share and touch **OK**.
  - **Access point network:** Turn on your Wi-Fi service and connect to an available Wi-Fi Access Point.
  - **Upload from other devices:** Set your device's treatment of files copied from other devices. Choose from **Always accept**, **Always ask**, or **Never allow**, then touch **OK**.
4. Touch one of the device entries on the left of the AllShare screen. **My device** lists the video, audio, and picture files on your device.
5. Touch a file to play it.

The Select playback device pop-up displays. Touch the playback device.

– or –

Touch the playback area on your tablet to view the video or photo.



## Amazon Kindle

Use the Amazon Kindle™ application to download books for reading, right on your device.

---



**Note:** You must be registered with Amazon to use the Kindle application.

---

- ▶ From a Home screen, touch  **Apps**  
→  **Amazon Kindle**.

## Amazon MP3

The Amazon MP3 app for Android includes both the Amazon MP3 store and Amazon Cloud Player. Shop for music and play music stored on your tablet. Play or download music stored in Amazon Cloud Drive.

1. From a Home screen, touch  **Apps**  
→  **Amazon MP3**.

The Amazon MP3 store and player options display the first time you request the Amazon MP3 app.

2. Touch **store** to search Amazon MP3 for Bestsellers and New Releases or to Browse By Genre.

– or –

Touch **player** to play your music anywhere.

- Touch **Cloud Drive music** or **On-device music**.
- Touch **Playlists, Artists, Albums**, or **Songs**.
- Touch a playlist, an artist, an album, or a song.
- Touch **store**, in the upper right hand corner of the screen, to visit the amazon MP3 store.
- Touch **player** to return to the music player.

## Books

Google eBooks is a new way to discover, buy, and enjoy your favorite books online and offline. For more information, refer to “*Books*” on page 61.

From a Home screen, touch  **Apps** →  **Books**.


## Browser

Your device includes a full HTML Browser, to access the internet. For more information, refer to “*Browser*” on page 62.

---

**Tip:** A shortcut to Browser appears on the main Home screen by default.



---

- ▶ From the Home screen, touch  **Browser**.
- or –

From a Home screen, touch  **Apps** →  **Browser**.

## Calculator

The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems.

1. From a Home screen, touch  **Apps** →  **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the + (add), - (subtract), × (multiply), or ÷ (divide) key.
4. Enter the next number.
5. To view the result, touch the = (equals) key.
6. Repeat steps 3 through 5 as many times as required.
7. Touch **CLR** to clear the result.
8. For more advanced problems, use the advanced operators **sin**, **ln**, **cos**, **log**, **tan**, and so on, just as you would on a pocket calculator.
9. Touch and hold the Calculator’s display to copy the contents of the display.

**Text copied** displays. Paste the copied value in another app.







The Calculator functions similarly in landscape or portrait mode.



## Calendar

Record events and appointments to manage your schedule.

The first time you open the Calendar application on your tablet, it displays any existing calendar events from your Google Account on the web.




1. From a Home screen, touch  **Apps** →  **Calendar**.
2. Touch a tab to choose a calendar view:
  - **Day:** Display today's schedule and scroll to other days.
  - **Week:** Display the current week and scroll to other weeks.
  - **Month:** Display the current month and scroll to other months.
  - **List:** Display only event names and dates for a selected year.
3. Swipe left or right across the screen to view other days or other weeks. Swipe up or down the screen to view other months or events list.
4. Touch  **Today** to return to the current date.
5. Touch  **Search** to find an event. Use the on-screen keypad to enter a search term. Touch  on the keypad to search your calendar.
6. Touch  **New event** to add a new event to your calendar. For more information, refer to *“Creating a Calendar Event”* on page 109.

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

- **Go to:** Use the Set date pop-up to enter a date and then touch Set to display that date on your calendar.
- **Delete:** Delete events for the day, week, month, before today, or all events, depending on the calendar view.
- **Settings:** Customize the calendar. For more information, refer to *“Customizing the Calendar”* on page 110.

### Creating a Calendar Event




To create a calendar event:

1. From a Home screen, touch  **Apps** →  **Calendar**.
2. Touch and hold the date for which you want to enter an event.  
– or –  
Touch the date for which you want to enter an event, then touch .
3. Enter the event information in the Calendar event screen, then touch **Done**.

## Managing Calendar Events




You can view and add events in Google Calendar on your mobile device, but, to delete existing events, you must access Google Calendar on a computer.

To delete a non-Google event:

1. From a Home screen, touch  **Apps** →  **Calendar**.
2. Touch an event. A pop-up displays event information.
3. Touch  to display the following options:
  - Touch  **Delete** and then touch **OK** to delete the event.
  - Touch  **Share** and then touch **Bluetooth** or **Email** to share the event.
  - Touch  **Edit** to update the event details.

## Customizing the Calendar

To add additional accounts and set up Calendar preferences:

1. From a Home screen, touch  **Apps** →  **Calendar**.
2. Touch  **Menu** → **Settings**.
3. Touch **Add account** to display the Add account option. Touch an account type and enter your account information.

4. Touch the following for additional settings:

### • Calendar view settings:

- **Calendars:** Enable calendars for your various accounts.
- **Synchronise calendars:** Displays the General sync settings. For more information, refer to “*General Sync Settings*” on page 145.
- **First day of week:** Choose a day to begin each week.
- **Hide declined events:** Enable or disable display of events.
- **Hide contacts anniversary events:** Enable or disable display of contact anniversary events.
- **Show week number:** Show the week number to the left of each week in the Month view and the inset calendar in the Day view.
- **Lock time zone:** Allows you to lock event times and dates based on your selected time zone, which is defined by the following field.
- **Select time zone:** If **Lock time zone** is enabled, used this option to select a time zone to lock event times and dates.

### • Reminder settings:

- **Notifications:** Touch to select, which allows you to set the Select ringtone and Pop-up notification options.
- **Select ringtone:** Choose a tone for calendar notifications.
- **Pop-up notification:** Set a pop-up notification as a calendar event notification.
- **Default reminder time:** Set the default time for a notification before an event is to occur.

5. Touch **About calendar** for additional Calendar information.

## Camera

Take photos and record video with your device's built in Camera. For more information, refer to “*Camera*” on page 85.

- ▶ From the Home screen, touch  **Apps** →  **Camera**.




## Contacts


Store contact information for your friends, family and colleagues, to quickly access information or to send a message. For more information, refer to “*Contacts*” on page 43.

- ▶ From a Home screen, touch  **Apps** →  **Contacts**.

## Downloads

Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what you have downloaded.

1. From a Home screen, touch  **Apps** →  **Downloads**.
2. Touch an item to open it.
3. Touch headings for earlier downloads to view them.
4. Touch items you want to send, to check them, and then touch  **Share**. Touch an option to share the item.  
Options are: AllShare, Bluetooth, Email, Gmail, Picasa, YouTube, or Social Hub.

5. Touch items you want to delete, to check them, and then touch  **Delete**.

The items are deleted from your tablet.


6. Touch **Sort by size** or **Sort by date**, at the bottom of the Downloads pop-up, to switch back and forth.

## Dual Clock

Display the date and time for two different locations.

1. Navigate to the desired Home screen, then touch and hold on the screen to display the **Add to Home screen** menu.

2. Touch **Widgets** → **Dual clock**.

The Dual clock widget displays, which is actually two widgets. Each widget displays the time, a city name, and the  Daylight Saving Time setting, if it is set.

3. Touch either widget to choose a different city than the one currently displayed.

## eBook

This application lets you access and read books on your device.

- ▶ From a Home screen, touch  **Apps** →  **eBook**.

The eBook main screen displays.

### Options While Reading a Book

1. From a Home screen, touch  **Apps** →  **eBook**.

2. Touch the cover of a book or PDF to start reading.

Once the book displays, sweep across the screen to turn the page.



3. Touch the screen to display options that can be used while reading a book.

- There are options on the top, left that let you highlight text, draw on the page, erase drawings or highlighting, and configure the pen and highlighting.
- There are options on the top, right that let you set the font and theme, set the brightness, set the speed and pitch of text-to-speech, search for text in the book, and bookmark pages in the book.

---

**Note:** Font and theme are available for books, but not for PDFs.

---

4. Touch and hold a word in a book to display the following options: **Copy**, **Highlight**, **Memo**, and **Search**. Touch and drag either   tab to select more or less text. Select **Memo** and use the keyboard to create a memo about the selected text.

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

- **Table of contents:** Displays a table of contents for the book. Touch an entry to display that page in the book.
- **Bookmarks:** Displays bookmarked pages. Touch an entry to display that page in the book.
- **Highlights:** Displays pages on which highlights have been made.
- **Memos:** Displays pages on which memos have been created and the memo text.
- **Drawings:** Displays pages on which drawings have been made.
- **Information:** Displays various information about the book, such as author, format, size, and download date.






---

**Note:** For Bookmarks, Highlights, Memos, and Drawings, touch  **Delete** and then touch entries or **Select all** to delete entries.


---

6. Touch  **Back** to return to the eBook main screen.

## Managing Your Books

1. From a Home screen, touch  **Apps** →  **eBook**.
2. In the Application bar, on the upper left of the eBook main screen, touch **All** to display all books and PDFs, **Book** to display only books, and **PDF** to display only PDFs.
3. To find a book by title or author name, touch  **Search**, use the keypad to enter a key word or phrase to search for, and touch **Go** on the keypad to search.
4. Touch  **List** to view your books in a list mode. Then touch **Recent**, **Title**, **Authors**, or **Categories** to view your books in a different way.
5. To add more books to your library, touch  **Shop**.  
A pop-up displays several book sellers and their internet webpage addresses. Touch a link to shop for more books, touch **Add store** to add a new webpage, or touch **Delete** to delete one or more of the existing webpage entries.

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

- **Edit:** Touch  to select books to be deleted and then touch **Done**.
- **Import:** Open MyFiles and import book files (in epub and pdf format) from the internal memory.
- **Accounts:** To read books, create or sign in to Adobe ID account, which allows you to open copyright protected books.

## Email

Send and receive email using popular email services. For more information, refer to “*Email*” on page 53.

- ▶ From a Home screen, touch  **Apps** →  **Email**.



## Gallery

Use Gallery to view, capture, and manage photos and videos. For more information, refer to “*Gallery*” on page 91.

- ▶ From a Home screen, touch  **Apps** →  **Gallery**.

## Gmail

Send and receive email with Gmail, Google’s web-based email. For more information, refer to “*Gmail*” on page 51.

- ▶ From the Home screen, touch  **Apps** →  **Gmail**.

## Google Search

Search the internet, and your device, using the Google™ search engine. For more information, refer to “*Google Search*” on page 71.

---

**Tip:** The Google Search widget appears by default on a Home screen. For information about displaying widgets on the Home screen, see “*Adding Widgets to a Home screen*” on page 22.

---

▶ From a Home screen,  **Google**.

– or –

From a Home screen, touch  **Apps**

→  **Google Search**.

## Latitude

Use Google Latitude to locate your friends on a map and share or hide your location. For more information, refer to “*Latitude*” on page 69.

▶ From a Home screen, touch  **Apps** →  **Latitude**.


## Maps

Use Google Maps to find your current location, get directions, and other location-based information. For more information, refer to “*Maps*” on page 67.

---

**Tip:** A shortcut to Google Maps appears on the main Home screen by default.

---

▶ From the Home screen, touch  **Maps**.

– or –

From a Home screen, touch  **Apps** →  **Maps**.

---

**Note:** You must enable location services to use Maps. Some features require Standalone or Google location services. For more information, refer to “*Location and Security*” on page 139.

---

## Market

Browse for new Android applications, games, or downloads for your device. You must have a Google account set up on your device to download a new application.

---

**Tip:** A shortcut to Market appears on the main Home screen by default.

---

1. From the Home screen, touch  **Market**.

– or –

From a Home screen, touch  **Apps** →  **Market**.

2. The first time you open Market, read the Terms of Service, then touch **Accept** to continue.
3. Browse for items to install:
  - **Apps:** Displays applications, games, and more, which you can browse by categories, such as games, business, entertainment, education, and so on.
  - **My apps:** Displays when **Apps** is active and displays downloads and updates to applications installed on your device. For more information, refer to “*My Apps*” on page 115.
  - **Books:** New arrivals and top selling books, which you can also browse by categories, such as children’s books, fantasy, fiction, history, and more.
  - **My books:** Displays when Books is active and transfers control to the Books app. For more information, refer to “*Books*” on page 108.
4. While browsing, touch  **Menu** for the following options:
  - **Accounts:** Touch the account you want to use.
  - **Clear search history:** Clear the history of previous searches.
  - **Purchase history:** Display a list of the apps you have purchased including free apps.
  - **App content filter:** Set which apps are displayed and can be downloaded to this device. The choices are apps rated for: Everyone, Low maturity, Medium maturity, High maturity, and Show all apps. Touch **OK** when you have made your choices.

- **Help:** Get help for using Android Market.
- **Contact us:** Contact the Market Help center.


## My Apps

1. Touch **My apps** in the Application Bar to display information about apps you have on your device. Touch an app and then touch:
  - **See details:** Display a description of the app, what’s new for the app, screenshots, and reviews.
  - **Open:** Launch the application.
  - **Update:** Check for updates for the app.
  - **Allow automatic updating:** Allow this app to be updated automatically.
  - **Uninstall updates:** Uninstall previously installed updates.
  - **Uninstall:** Uninstall the app and remove it from your device. You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

---

**Warning!** **Uninstall updates** and **Uninstall** do not ask for a confirmation.

---

2. Touch  **Menu** for the following options:
  - **Notify about app updates:** Enable or disable notifications for app updates.
  - **Add shortcuts for new apps:** Enable or disable the addition of shortcuts on the Home screen for new apps.

## Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content.

For more information, refer to “*Media Hub*” on page 96.

---

**Tip:** A shortcut to Media Hub appears on the main Home screen by default.

---

**Note:** Media Hub service requires a Media Hub account and depends on service availability.




---

- From a Home screen, touch  **Apps** →  **Media Hub**.

## Memo

Create and manage text memos and use Bluetooth to send memos to paired Bluetooth devices.




### Composing a Memo

1. From a Home screen, touch  **Apps** →  **Memo**.
2. Touch  **New Memo**, compose the memo, then touch **Done** to save.

For more information, refer to “*Entering Text*” on page 34.

## Memo List Options

While viewing the list of Memos:

1. Touch  **List** to view your memos in a list mode. Touch an entry in the list on the left to view the memo on the right of the screen.
2. To delete one or more memos, touch  **Delete**, select one or all memos, and touch **Done**.
3. Touch  **Menu** for the following options:
  - **Sort by:** Set whether to sort the memo list by **Date**, **Title**, or **Color**.
  - **Send via:** Select one or all memos, touch **Done**, and then touch **Bluetooth** or **Email** to send memos to another device or another person.
  - **Print:** Select one or all memos, touch **Done**, and send the memos to a Samsung printer. Your device is compatible only with some Samsung printers.
  - **Memo sync:** Sign in to Google and use Google docs to back up your memos.
  - **SNS log in:** Log in to your social network sites, Facebook, Twitter, or LinkedIn.
  - **PIN lock:** Set a PIN number to use to lock your memos.



4. Touch and hold a memo thumbnail or list entry to display the following options:
- **Delete:** Delete the selected memo.
  - **Lock/Unlock:** Lock the memo or use your PIN number to remove the lock from the memo. Once you lock a memo, you have to use your PIN number to view the memo.
  - **Send via:** Touch **Bluetooth** or **Email** to send the memo by the selected method. For more information, refer to “*Bluetooth*” on page 100.
  - **Update SNS:** Lets you post the memo to one or more of your social network sites. Only site you are signed in to are displayed.

### Memo Options

While viewing a Memo:

- ▶ Touch  **Memo options** for the following options:



**Delete:** Delete this Memo.



**Color:** Choose a color for this memo.



**Lock/Unlock:** Lock the memo or use your PIN number to remove the lock from the memo. Once you lock a memo, you have to use your PIN number to view the memo.



**Print:** Send this memo to a Samsung printer. Your device is compatible only with some Samsung printers.



**Update SNS:** Lets you post the memo to one or more of your social network sites. Only site you are signed in to are displayed.





**Send via:** Touch **Bluetooth** or **Email** to send the memo by the selected method. For more information, refer to “*Bluetooth*” on page 100.

### Movie Studio

Use Movie Studio to edit the videos you take with the camcorder or copy onto your tablet into movies. You can cut and order scenes, add a sound track, and so on.


For more information, refer to “*Movie Studio*” on page 97.

- ▶ From a Home screen, touch  **Apps**  
→  **Movie Studio.**

## Moviefone



Movie lovers can experience the fun and convenience of Moviefone on their Galaxy Tab. With Moviefone mobile apps and a custom mobile web experience, you are mere taps away from on-the-go movie planning. Browse a directory of movies, check the latest theater showtimes, find theater locations nearest to you, buy tickets in advance, view original movie content and news, and read movie reviews. With Moviefone and your Galaxy Tab, you have movies at your fingertips.

1. From a Home screen, touch  **Apps** →  **Moviefone**.
2. Touch one of the following options:
  - **Movies:** Displays a list of movies playing in your area. Touch an entry to get more information about the movie.
  - **Upcoming:** Displays a list of movies that will be coming soon, their release dates, and rating. Touch an entry to get more information about the movie.
  - **Theaters:** Displays a list of theaters located near to your present location. Touch an entry to get more information about the theater including a list of movies offered there and showtimes for today.
  - **Trailers:** Displays a list of video clips that show selected scenes from current and upcoming movies. Touch an entry to play the trailer.
  - **News:** Displays a list of articles about movies, actors, and actresses from the past and present.

3. While viewing one of the options, touch  **Menu** (at the bottom left of the screen) for these options:
  - **Sort Movie:** Sort the list of movies By Release Date, By MPAA Rating, or Alphabetically.
  - **Search:** Enter a movie you want to find.
  - **Edit Location:** Use your current location or use another location based on a ZIP code.
  - **Settings:** Allows you to log in to Facebook.
  - **About:** Lists information about Moviefone including the license agreement.

## Music

Play music and other audio files that you copy from your computer. For more information, refer to “*Music App*” on page 74.

- ▶ From the Home screen, touch  **Apps** →  **Music**.

## Music Hub

The Music Hub lets you purchase and download songs and albums. For more information, refer to “*Music Hub*” on page 83.

---



**Tip:** A shortcut to Music Hub appears on the main Home screen by default.

---

- ▶ From a Home screen, touch  **Music Hub**.
- OR –
- ▶ From a Home screen, touch  **Apps** →  **Music Hub**.

## Music Player

Play music and other audio files that you copy from your computer. For more information, refer to “*Viewing Your Music Library*” on page 78.

- ▶ From the Home screen, touch  **Apps**  
→  **Music player.**

## MyFiles



Find, view, and manage folders and files, such as music files, photo files, video files, and so on, stored on your tablet. If the file is associated with an application on your device, you can launch the file in the application.

1. From a Home screen, touch  **Apps** →  **MyFiles.**
2. Touch a folder and scroll down or up until you locate a file.

---

**Note:** You may have to touch one or more subfolders before you encounter files.

---

3. Touch a file to launch it in the associated application, if the file is associated with an application.
4. While browsing files, use these controls:
  -  **Up:** Display a higher directory.
  -  **Root:** Display the root directory.



**Add Folder:** Add a new folder in the current folder.



**Display mode:** Enable or disable thumbnails for each file.



**Mark files:** Touch the box to the left of each file or next to the folder to select all files in the folder. Then touch send, copy, cut, or delete in the Application bar.

### 5. While viewing a photo file:

- Touch  **Slideshow** to view a slideshow of the photos in the folder. Touch the screen to stop the slideshow and view the photo being displayed.
- Touch  **Share** to share the file using AllShare, Social Hub, Picasa, Bluetooth, Gmail, or Email.
- Touch  **Delete** to delete the photo.
- Touch  **Menu** to display the following options for photos:
  - **Details:** Provides details about the photo such as Title, Time, Location, Width, Height, File Size, and so on. Touch the **X** to close the pop-up.
  - **Show on map:** This option displays if a Location exists for the photo. A Location is added to the photo if **GPS tag** is set **On** in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. For more information, refer to “*Camera Options*” on page 86.




---

**Caution!** Be aware that your location may be present on a photo when posting your photos on the internet.

---

- **Rotate Left:** Allows you to rotate the picture counterclockwise 90 degrees.
- **Rotate Right:** Allows you to rotate the picture clockwise 90 degrees.
- **Set picture as:** Assign the photo as a Contact photo, Lock Screen, or Wallpaper.
- **Crop:** Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Ok**. Touch **X** to stop without cropping the picture.
- **Print:** Print the current photo to a Samsung printer. Your device is compatible only with some Samsung printers.
- **Copy:** Copy the current photo to the clipboard.
- **Motion:** Display Motion settings. For more information, refer to “*Motion Settings*” on page 147.

## 6. While viewing a video file:

- Touch  **Bookmark** to mark your favorite areas of the video. A yellow mark appears on the progress bar.
- Touch  **Menu** for the following options:
  - **Share via:** Share this video by using **YouTube**, **Bluetooth**, **Gmail**, or **Email**.
  - **Bookmarks:** If bookmarks have been set for this video, a thumbnail and time are displayed for each bookmark. Touch  to remove a bookmark.

- **Color tone:** Set the color tone to Normal, Warm, or Cold.
- **Outdoor visibility:** Turn outdoor visibility On or Off.
- **Details:** Provides details about the video, such as Name, Size, Resolution, Duration, Format, and Date modified.

## Navigation




Use Google Navigation to find a destination and get walking or driving directions. For more information, refer to “*Navigation*” on page 70.








- ▶ From a Home screen, touch  **Apps** →  **Navigation**.

## Pen Memo

Create and manage memos that you create by typing text or writing with your finger or a stylus. You can even draw and save pictures as a memo. You can also share your memos.

### Composing a Pen Memo





1. From a Home screen, touch  **Apps** →  **Pen memo**.
2. Touch  **New Memo**.
3. Touch the **Enter title** field and use the keypad enter a title for the memo.


4. Touch the body of the memo and then touch  to type the memo or touch  to write or draw with your finger or a stylus. Touch  to erase writing or drawing. Touch  to set Brush, Color, Pen size, Eraser size, and Theme. Touch  to undo and  to redo writing or drawing.
5. Touch  **Done** to save.

For more information, refer to “*Entering Text*” on page 34.

### Pen Memo List Options



While viewing the list of Memos:

1. To find a memo, touch  **Search**, use the keypad to enter a key word or phrase to search for, and touch  on the keypad to search.
2. Touch  **List** to view your memos in a list mode. Touch an entry in the list on the left to view the memo on the right of the screen.
3. To delete one or more memos, touch  **Delete**, select one or all memos, and touch **Delete**.

4. Touch  **Menu** for the following options:
  - **Sort by:** Set whether to sort the memo list by **Date**, **Title**, **Text first**, **Drawing first**, or **Auto tag first**.
  - **Share via:** Select one or all memos, touch **Share**, and then touch **AllShare**, **Bluetooth**, **Email**, **Gmail**, **Picasa**, or **Social Hub** to send memos to another device or another person.
  - **Export:** Touch **To Gallery** (drawings) or **To Memo** (text), select one or all memos, and touch **Export**.
  - **Print:** Select one or all memos, touch **Print**, and send the memos to a Samsung printer. Your device is compatible only with some Samsung printers.
  - **Auto tag settings:** Touch **Enable auto tag** to enable auto tagging of your memos.
  - **Memo synchronisation:** Sign in to Google and use Google docs to back up your memos.
5. Touch and hold a memo thumbnail or list entry to display the following options:
  - **Delete:** Delete the selected memo.
  - **Export:** Touch **To Gallery** (drawings) or **To Memo** (text), select one or all memos, and touch **Export**.
  - **Share:** Touch **AllShare**, **Bluetooth**, **Email**, **Gmail**, **Picasa**, or **Social Hub** to send memos to another device or another person. For more information, refer to “*Bluetooth*” on page 100.

## Memo Options

While viewing a Memo:

1. Touch  **Delete** to delete this memo.
2. Touch  **Menu** for the following options:
  - **Share via:** Touch **AllShare**, **Bluetooth**, **Email**, **Gmail**, **Picasa**, or **Social Hub** to send memos to another device or another person.
  - **Export:** Touch **To Gallery** (drawings) or **To Memo** (text) to export the memo to the selected app.
  - **Set as:** Use this memo as a **Contact photo**, a **Lock Screen**, or **Wallpaper** image.
  - **Print:** Send the memo to a Samsung printer. Your device is compatible only with some Samsung printers.
3. Touch the body of the memo to edit the memo.

Options display for editing. For more information, refer to “*Composing a Pen Memo*” on page 120.

## 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 95.

## Places



Google Places uses your location to help you find nearby destinations, such as restaurants, bars, hotels, attractions, ATMs and gas stations, or you can enter a location. For more information, refer to “*Places*” on page 71.

- ▶ From a Home screen, touch  **Apps** →  **Places**.


## 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, touch  **Apps** →  **Polaris Office**.
2. Touch **legal notice** to read the Polaris privacy principles
3. Enter your Email information (if desired) and touch **Register** to complete the process.  
– or –  
Tap **Later** to ignore this registration.

The main Polaris Office screen displays. **Recent Files** displays a list of recently opened documents.

4. Touch  **Search** to search for document files by using a text string.
5. Several options are listed under **Category**. Touch one of the following:
  - **Local Storage**: Where you keep documents on this device. You can manage documents or send them to others, and upload the documents. For more information, refer to *“MyFiles”* on page 119.
  - **Web Storage**: Provides your online storage information at [Box.net](https://www.box.net). You can also share your documents to others without using email attachments.
  - **Add Account**: Once you sign up at [Box.net](https://www.box.net), enter your email address and password to add your account on this device.
  - **New File**: Create a new office document. Touch the type of document you want to create.

- **Settings**: Displays the following options:

#### File list settings

- **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.
- **Clear Recent Files**: Touch to clear your recently opened documents list.

#### General settings

- **Update**: Touch to make sure you have the latest version of Polaris Office.
- **About**: Displays the Polaris Office version and build numbers.

## Pulse

Pulse News gives you news visually in bite-sized pieces. Each article is a small square filled with the headline and an associated image. Pulse incorporates colorful panning story bars and fills them with content from your favorite websites.

- ▶ From a Home screen, touch  **Apps** →  **Pulse**.

The Pulse main menu displays.

## Readers Hub


Samsung Readers Hub lets you access news, books, and magazines, all from one place. This makes using your device as an e-reader easy and organized. Learn to use Readers Hub for accessing various reading materials.

1. From the Home screen, touch  **Readers Hub**.

– or –

From a Home screen, touch  **Apps**

→  **Readers Hub**.

2. Read the Disclaimer and touch **Confirm** to continue or  **Back** to exit.

The Readers Hub Home screen displays.

3. Touch the cover of a newspaper, magazine, or book and follow the on-screen instructions to start reading.

## Samsung Apps

Connect to Samsung Apps and make your smart device even smarter. Simply and easily download an abundance of applications to your phone such as games, news, reference, social networking, navigation, and more.

---

**Tip:** A shortcut to Samsung Apps appears on the main Home screen by default.

---

- ▶ From the Home screen, touch  **Samsung Apps**.

– or –

From a Home screen, touch  **Apps**

→  **Samsung Apps**.

## Screensaver

When your tablet screen automatically times out, instead of a blank screen, enable the Galaxy Tab Screensaver, which is actually an action-packed video tour of all the fantastic features that you will find on your Galaxy Tab.

- ▶ From the Home screen, touch  **Apps**


→  **Screensaver**.

The Galaxy Tab 8.9 Screensaver Settings screen displays.



## Deleting the Screensaver Icon

As the screen says, you may delete the Screensaver icon from the Apps screen at any time.

1. Touch and hold the Screensaver icon until  **Remove** appears in the Application Bar.
2. Drag the Screensaver icon to the **Remove** icon to remove it.

## Screensaver Options

Use the Screensaver options to:

- **Enable Screensaver:** Touch the check box to enable the Screensaver to play when your screen automatically times out.
- **Enable Touch To Stop:** Touch the check box to enable the touch to stop feature, which means you can touch anywhere on the screen to stop the Screensaver video once it starts playing.

---

**Tip:** Touch  **Back** to stop the Screensaver video even if Enable Touch To Stop is enabled.

---

- **Start Screensaver:** Start the Screensaver video without waiting for automatic screen timeout.
- **Device Screen timeout:** Set the length of delay between the last key press or screen touch and the automatic screen timeout. For more information, refer to “*Timeout*” on page 138.

## Settings

Configure your device to your preferences. For more information, refer to “*Settings*” on page 131.

- ▶ From a Home screen, touch  **Apps** →  **Settings**.

## Social Hub

Access your social networks, like Facebook, Twitter, and LinkedIn, and your email all in one place.

---

**Tip:** A shortcut to Social Hub appears on the main Home screen by default.

---

- ▶ From a Home screen, touch  **Social Hub**.

– or –

- From a Home screen, touch  **Apps** →  **Social Hub**.

## Add an Account

To add an account:

1. Touch **Add account**.

– or –

- Touch  **Menu** → **Account** → **Add account**.

The Add account screen displays.


2. Touch the account you want to add and then enter the required information, such as email address and password.

The added account now appears on the Social Hub screen with any other accounts.

3. Touch an account entry to start the application.

### Update Your Status

To update your status:

1. Touch  **Status update** and use the keypad to enter your status.
2. Touch **Upload photo** to upload an existing picture or take a new picture.
3. Touch **Update** to post your status and photos.


### Social Hub Messages Options

To display Social Hub messages options:

- ▶ Touch **Messages** →  **Menu**.



The following options display:

- **Delete:** Touch the check box to select each message to delete then touch **Delete**.

- **Account:** Touch **Add account** to add another account. Touch  **Menu** → **Delete** to delete an existing account.
- **Mark as unread:** Touch the check box to select each message to mark as unread.
- **List by:** Set how you want to list messages. Options are: Date (Most recent), Date (Oldest), or Sender.

### Talk

Use Google Talk to chat with other Google Talk users. For more information, refer to “*Google Talk*” on page 57.

- ▶ From the Home screen, touch  **Apps** →  **Talk**.

### Video

View and manage videos stored on your tablet.

For more information, refer to “*Video*” on page 90.

- ▶ From a Home screen, touch  **Apps** →  **Video**.

### Videos



The Videos app is a new application for select Android devices. Any movie you rent from the Android Market can be downloaded for offline viewing through this application. In addition, the Videos app can be used to stream your Android Market movie rentals as well as play any of your personal videos stored on your tablet.

- ▶ From a Home screen, touch  **Apps** →  **Videos**.

For more information touch  **Menu** → **Help**.

## Voice Search

Perform Google searches by speaking your search terms. For more information, refer to “*Voice Search*” on page 72.

- ▶ From a Home screen, touch  **Apps**  
→  **Voice Search.**



---

**Tip:** Voice Search is available on the Google Search bar widget, which appears on a Home screen by default.

---



## Words

Play Words With Friends free, the number one mobile word game, with anyone who also has the app installed on their mobile device. Experience for yourself why millions of players are addicted to the word building, triple score seeking, chat bubble sending goodness of Words With Friends.

1. From a Home screen, touch  **Apps** →  **Words.**
2. Follow the on-screen instructions to log in or create an account.


## World Clock




View the date and time in any time zone.

1. From a Home screen, touch  **Apps**  
→  **World Clock.**

A map of the world displays with the locations you have added flagged.

2. Touch  **Add** to add a city to display.

A list of world cities displays. Scroll through the list and touch the city you want to add. A pop-up displays the city name, the current time and date there, and the GMT offset. Touch the  on the pop-up to add the city.

3. Touch  **Reorder** to change the order of the cities. Touch the grid  on an entry and drag the entry to a new position in the list. Touch **Done** to change the order.
4. Touch  **Remove** to delete entries. Touch the box to check the cities you want to delete (a green check mark appears), then touch **Remove.**

5. Touch and hold an entry to remove it or to set the **DST settings**, which enable or disable Daylight Savings Time adjustments.

## Yahoo Finance

Stay on top of the markets with the Yahoo Finance app for Android devices. Get real-time quotes, follow the market, or check out a particular stock. View headline news, top stories, and videos from Tech Ticker. Yahoo Finance lets you keep up with the market movers from your Android phone.

To add the Yahoo Finance widget:


1. Navigate to the desired Home screen, then touch and hold on the screen to display the **Add to Home screen** menu.
2. Touch **Widgets** → **Yahoo! finance**.

The Yahoo Finance widget displays.

## Adding Your First Stock

To add your first stock:

1. From a Home screen, touch the Yahoo Finance widget.  
The **Search symbols** search bar displays.



2. Type in a stock name.
3. Touch  to start the search and touch an entry in the list of stocks that is displayed.
4. The Yahoo Finance widget displays with information about the stock just added.


## Managing Stocks

Once you add a stock, there are additional Yahoo Finance options you can use to add more stocks and set up how they are displayed and refreshed.

1. From a Home screen, touch an entry in the Yahoo Finance widget.

Information about the stock displays.

2. Touch  **Refresh** to update the information.
3. Touch  **Add** to add another stock. For more information, refer to “*Adding Your First Stock*” on page 128.

4. Touch  **Menu** to display the following options:
  - **Delete:** Touch to delete the stock being displayed.
  - **Change order:** Displays your stocks list. Touch and drag stocks to change the order in which they are displayed.
  - **Search:** Touch to search for a new stock.
  - **Settings:** Displays the following options:
    - **Auto scrolling:** If you have added more than one stock, the Yahoo Finance widget displays information for each stock on a rotating basis.
    - **Auto refresh:** Choose a time interval for automatic refreshing of stock information. The choices are: None, Every 30 minutes, Every 1 hour, and Every 3 hours. When the setting is None, touch the refresh icon on the Yahoo Finance widget to update stock information.
5. Under the **My Stocks** tab, touch a stock entry to display the full stock information screen.
6. Touch the **Major indices** tab to display a summary of the performance of major groupings of stocks, classified by the exchange on which they trade.
7. Touch the **Currencies** tab to display the currency exchange rate for various currencies.

### **Additional Options**

There are more options available from the full stock information screen.

1. From a Home screen, touch the Yahoo Finance widget.  
The full stock information screen for one of your stocks displays.
2. If you have added more than one stock, touch either end of the heading bar to view the previous or next stock.
3. Near the center of the screen, touch **1d** (1 day), **5d** (5 days), **1m** (1 month), **3m** (3 months), **6m** (6 months), or **1y** (1 year) to view a stock performance graph for the requested period.
4. Near the bottom of the screen, touch **Y! More Information** to link to the Yahoo! Finance website. Touch **Go to Mobile Website** to view more financial information.
5. At the bottom of the screen, touch **Quotes delayed** to read about real-time exchange quotes and access other Yahoo Finance online options, such as Top Stories and a currency converter.

## YouTube

View and upload YouTube videos, right from your device. For more information, refer to “*YouTube*” on page 72.

---

**Tip:** A shortcut to YouTube appears on the main Home screen by default.

---

▶ From the Home screen, touch  **YouTube.**

– or –

From a Home screen, touch  **Apps** →  **YouTube.**


## Section 11: Settings

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This section explains Settings for customizing your device.

### Accessing Settings

- ▶ From a Home screen, touch  **Apps** →  **Settings**.  
– or –

From any screen, touch the Time in the System bar, touch anywhere in the Status Details, and then touch  **Settings**. For more information, refer to “*Quick Settings*” on page 19.

### Wireless and Networks

Control your device’s wireless connections.



#### Flight Mode

Flight mode allows you to use many of your tablet’s features, such as Camera, Games, and more, when you are in an airplane or in any other area where accessing data is prohibited.

---

**Important:** When your tablet is in Flight Mode, it cannot access online information or applications.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks**.
2. Touch the **Flight mode** check box to enable Flight mode. A check mark displayed next to the feature indicates Flight mode is active.  
– or –  
Set Flight mode using the Quick Settings menu. For more information, refer to “*Quick Settings*” on page 19.



### Wi-Fi Settings

Your device supports Wi-Fi a/b/g/n. Use Wi-Fi settings to manage your device’s Wi-Fi connections.

For more information about using your device’s Wi-Fi features, see “*Wi-Fi*” on page 99.



## Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, in-range Wireless Access Points (WAPs).

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks**.
2. Touch **Wi-Fi** to turn Wi-Fi On or Off. When on, a check appears in the checkbox.



## Network Notification

Have your device alert you to new Wireless Access Points (WAPs).

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks**.
2. Touch **Wi-Fi settings**, then touch **Network notification** to turn notifications On or Off. When on, a check appears in the checkbox.

## Wi-Fi Sleep Policy

Specify when to disconnect from Wi-Fi.

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks**.
2. Touch **Wi-Fi settings**, then touch **Wi-Fi sleep policy**.

3. Touch **When screen turns off**, **Never when plugged in**, or **Never**.



## Advanced Settings

Set up and manage wireless access points.

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks** → **Wi-Fi settings**.
2. Touch  **Menu** for these settings:
  - **Scan**: The tablet scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a Lock icon. If the tablet finds a network that you connected to previously, it connects to it.
  - **Advanced**:
    - **MAC address**: View your device's MAC address, required when connecting to some secured networks (not configurable).
    - **IP address**: View your device's IP address.

## Add Wi-Fi Network

To open a dialog where you can add a Wi-Fi network by entering its Network SSID (the name it broadcasts), security type, and other properties:

1. From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks**.
2. Touch **Wi-Fi settings**, then touch **Add Wi-Fi network**.



- Use the keyboard to enter **Network SSID**.
- Touch the **Security** field and then touch a security type.

---

**Note:** Depending on the Security protocol used by the WAP, additional network information may be required, such as Proxy settings, IP settings, or a Password.

---

- If the WAP is Open:
  - Touch **Proxy settings**, touch **Manual**, if required, and then enter **Hostname**, **Proxy port**, and **No Proxy for** values.
  - Touch **IP settings**, touch **Static**, if required, and then enter **IP address**, **Gateway**, and so on.

– or –

If the WAP is secured:



- Touch **Password** and enter the password or hex key.
- Touch **Save**.

## Bluetooth Settings

Use Bluetooth settings to manage Bluetooth connections, set your device's name, and control your device's visibility.

## Turning Bluetooth On or Off

Turn your device's Bluetooth service On or Off. For more information about using Bluetooth to exchange information with other Bluetooth devices, see “*Bluetooth*” on page 100.

- From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks**.
- Touch **Bluetooth** to turn Bluetooth On or Off. When On, a check appears in the checkbox.

## Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

- From a Home screen, touch  **Apps** →  **Settings** → **Wireless and networks** → **Bluetooth settings**.
- Touch a setting to configure Bluetooth:

### Device settings

- Device Name:** Your device's default name appears on screen. Touch to change the device name. Available when Bluetooth is turned On.
- Visible:** Control your device's visibility to other devices' Bluetooth searches. Touch to turn On or Off. Available when Bluetooth is turned On.

- **Visible time-out:** Use this setting to control when to automatically turn off the Discoverable option: 2 minutes, 5 minutes, 1 hour, or Never.
- **Show received files:** Show the list of files received by using Bluetooth.

### Paired devices

- **Find nearby devices:** Touch to scan for nearby discoverable devices. After searching, touch a device to pair with it. For more information, refer to *“Pairing with a Bluetooth Device”* on page 101.

## 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 a Home screen, touch  **Apps** →  **Settings**  
→ **Wireless and networks** → **VPN settings**.
2. Touch **Add VPN**.

3. To establish a PPTP (Point-to-Point Tunneling Protocol):
  - Touch **Add PPTP VPN**.
  - Touch **VPN name**, add a name for this connection using the keypad, then touch **OK**.
  - Touch **Set VPN server**, add a name using the keypad, then touch **OK**.
  - Touch **Enable Encryption** to make a check mark (if desired).
  - Touch **DNS search domains**, add a name for DNS search using the keypad, then touch **OK**.
4. To establish a L2TP (Layer 2 Tunneling Protocol):
  - Touch **Add L2TP VPN**.
  - Touch **VPN name**, add a name for this connection using the keypad, then touch **OK**.
  - Touch **Set VPN server**, add a name using the keypad, then touch **OK**.
  - Touch **Enable L2TP secret** to make a check mark (if desired).
  - Touch **Set L2TP security** and enter a password (if desired), then touch **OK**.
  - Touch **DNS search domains**, add a name for DNS search using the keypad, then touch **OK**.



- To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):
  - Touch **Add L2TP/IPSec PSK VPN**.
  - Touch **VPN name**, add a name for this connection using the keypad, then touch **OK**.
  - Touch **Set VPN server**, add a name using the keypad, then touch **OK**.
  - Touch **Set IPsec pre-shared key**, enter a key and touch **OK**.
  - Touch **Enable L2TP secret** to make a check mark (if desired).
  - Touch **Set L2TP security** and enter a password (if desired), then touch **OK**.
  - Touch **DNS search domains**, add a name for DNS search using the keypad, then touch **OK**.
- To establish a L2TP/IPSec CRT (Certificate based L2TP/IPSec):
  - Touch **Add L2TP/IPSec CRT VPN**.
  - Touch **VPN name**, add a name for this connection using the keypad, then touch **OK**.
  - Touch **Set VPN server**, add a name using the keypad, then touch **OK**.
  - Touch **Enable L2TP secret** to make a check mark (if desired).

- Touch **Set L2TP security** and enter a password (if desired), then touch **OK**.
- Touch **Set user certificate**, then touch **OK**.
- Touch **Set CA certificate**, then touch **OK**.
- Touch **DNS search domains**, add a name for DNS search using the keypad, then touch **OK**.

## Sound Settings

### Vibrate Mode

When enabled, your device vibrates to alert you to new notifications.

- From a Home screen, touch  **Apps** →  **Settings** → **Sound**.
- Touch **Vibrate** to for these settings:
  - Always**: The device vibrates for all notifications, regardless of other sound settings.
  - Never**: No vibration is used for notifications.
  - Only in Silent mode**: The device vibrates for notifications when in Silent mode.
  - Only when not in Silent mode**: The device vibrates for notifications when not in Silent Mode.



## Volume

Set the volume level for all types of sounds.

---

**Note:** You can only set volume when Silent Mode is disabled.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Sound** → **Volume**.
2. Touch and drag the sliders to set the volume for:
  - **Notification:** Sounds for alerts to new messages and other events.
  - **Media:** Sounds made by music apps, video apps, and so on.
  - **Alarm:** Notifications for alarms set in the Alarm app.
  - **System:** Application sounds and other sounds made by your device.

---

**Tip:** You can also set System volume from the Home screen by pressing the Volume Key.

---

3. Touch **OK** to save your setting.

## Notification Ringtone



Select a default ringtone for message, alarm, and other notifications.

1. From a Home screen, touch  **Apps** →  **Settings** → **Sound** → **Notification ringtone**.

2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.


## Audible Selection

When enabled, tones play when you touch screen items.

1. From a Home screen, touch  **Apps** →  **Settings** → **Sound**.
2. Touch **Audible selection** to enable or disable tones. When enabled, a check mark appears in the check box.



## Screen Lock Sounds

When enabled, tones play when unlocking and locking the screen.

1. From a Home screen, touch  **Apps** →  **Settings** → **Sound**.
2. Touch **Screen lock sounds** to enable or disable tones. When enabled, a check mark appears in the check box.



## Haptic Feedback

When enabled, the device vibrates to indicate screen touches and other interactions.

1. From a Home screen, touch  **Apps** →  **Settings** → **Sound**.
2. Touch **Haptic feedback** to enable or disable vibration. When enabled, a check mark appears in the check box.

## Vibration Intensity



Set the intensity of vibration for screen touch feedback.

1. From a Home screen, touch  **Apps** →  **Settings** → **Sound**.
2. Touch **Vibration Intensity**. Touch and drag the slider to set.
3. Touch **OK** to save your setting.

## Screen Settings

### Brightness

Set the default screen brightness.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen** → **Brightness**.
2. Touch and drag the slider to set the brightness or touch **Automatic brightness**.
3. Touch **OK** to save the setting.

### Screen Display



#### Font Style

Set the font for screen displays.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen** → **Screen display**.
2. Touch **Font style** to choose a font style or touch **Get fonts online** to browse and download a new font.



## Home Screen and Lock Screen

Set the Home screen and Lock screen wallpaper.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen** → **Screen display**.
2. Under **Home screen**, touch **Wallpaper**.  
The **Select wallpaper from** pop-up displays. Touch **Gallery**, **Live Wallpapers**, or **Wallpapers**. For more information, refer to “Wallpapers” on page 27.
3. Under **Lock screen**, touch **Wallpaper**.  
Touch **Wallpaper gallery** to select a wallpaper or touch **Gallery** to select one of your photos. Touch the album to display the photos. Touch a photo to select it, then crop and resize the picture, if desired. Touch **Ok** to save the picture as wallpaper. Touch **X** to cancel.



## Mode

Set the screen mode.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen** → **Mode**.
2. Touch **Dynamic**, **Standard**, or **Movie** then touch **OK**.



## Auto-Rotate Screen

When this option is checked, the screen orientation changes when you rotate the device. When this option is not checked, the screen orientation locks in the current orientation (landscape or portrait) and the orientation does not change when you rotate the device.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen**.
2. Touch **Auto-rotate screen** to enable or disable the auto-rotate feature.



## Animation

Set the level of animations for transitions between screens.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen** → **Animation**.
2. Touch **No animations**, **Some animations**, or **All animations**.

## Timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen** → **Timeout**.
2. Touch a setting to select it.



## Auto Adjust Screen Power

When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen**.
2. Touch **Auto adjust screen power** to enable or disable the mode. When enabled, a check appears in the check box.



## Horizontal Calibration

Horizontal calibration allows you to horizontally calibrate your display using the accelerometer.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen** → **Horizontal calibration**.
2. Place your device on a level surface and touch **Calibrate**.

## Power Saving Mode

When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

1. From a Home screen, touch  **Apps** →  **Settings** → **Screen** → **Power saving mode**.
2. Touch **Use Power saving mode** to enable or disable the mode. When enabled, a check appears in the check box.

3. Refine your settings by checking options listed under **Power saving mode settings**. Check the appropriate box to turn off Wi-Fi, Bluetooth, GPS, or Sync.
4. Touch **Brightness** to adjust screen brightness. Touch the second **Brightness** option to set the brightness to 10, 30, 50, 70, or 100 percent.
5. Touch **Timeout** to set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).
6. Touch **Power saving tips** to see power saving tips.

## Location and Security

You value your privacy. So, by default, your device only acquires your location when you dial 911. To use Location-Based Services, you must first enable location services on your device.

### My Location

### Use Wireless Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.



1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.

2. Touch **Use wireless networks** to enable location information using the wireless network.

### Use GPS Satellites

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Use GPS satellites** to enable the GPS satellite.

### Use Location for Google Search

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Use location for Google Search** to use your location to improve Google Search results and other Google services.

## Lock Screen

### Configure Lock Screen

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see “*Securing Your Device*” on page 10.

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.



2. Touch **Configure lock screen** for these settings:

- **Off**: Never lock the screen.
- **Unsecure**: Enable the lock screen, but no pattern, PIN, or password is required. For more information, refer to “*Unlocking the Device*” on page 10.
- **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
- **PIN**: Select a PIN to use for unlocking the screen.
- **Password**: Create a password for unlocking the screen.

### Owner Information

This option is available only if you set **Configure lock screen** to display the lock screen (any setting other than **Off**).



Use this option to enable or disable whether to show owner information on the lock screen.

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Owner information** and then touch **Show owner info on lock screen** to enable or disable the option.
3. Touch text field and use the keyboard to enter the text to display on the lock screen.



## Encryption

To require a numeric PIN or password to decrypt your tablet each time you power it on:

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Encrypt device**. For more information, read the displayed help screen.



---

**Tip:** Make sure your battery is charged more than 80 percent. Encryption takes an hour or more.

---

## Find My Mobile

To allow your device to be locked and tracked, and for your data to be deleted remotely:

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch the check box next to **Remote controls**.
3. Select a country and touch **OK**.

The Samsung account Terms and Conditions displays.

4. Touch the **I accept all the terms above** check box and touch **Accept**.

The Samsung account screen displays.

5. Touch **Sign-up** to create a Samsung account.

– or –



Touch **Sign in**, if you already have a Samsung account, enter your Email address and your Samsung account password, and touch **Sign in**.

A Remote controls checked message displays.

6. Touch **OK**.

For more information about Samsung accounts, see “*Signing In to your Samsung Account*” on page 155.

To disable remote controls:

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch the check box next to **Remote controls**.
3. Enter your Samsung account password in the pop-up **Password** field.



#### 4. Touch **OK**.

The check mark is removed from the Remote controls check box.

## Passwords



### Visible Passwords

When enabled, password characters display briefly as you touch them while entering passwords.

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Visible passwords** to enable or disable brief displays of password characters. When enabled, a check mark appears in the check box.

## Device Administration

Add or remove device administrators.

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Device administrators**.

## Credential Storage

### Use Secure Credentials

This feature is not available for your device.



### Install from USB Storage

Install encrypted certificates from a storage device, such as a PC, with the USB cable.

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Install from USB storage**, then choose a certificate and follow the prompts to install.

### Set Password

Set or change a password to protect credentials.

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Set password**, then follow the prompts.

## Clear Storage

Clear stored credentials and reset the password.

---

**Note:** This setting only appears if you have installed encrypted certificates.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Location and security**.
2. Touch **Clear storage** to clear stored credentials and reset the password.

## Applications

You can download and install applications from Android Market or create applications using the Android SDK and install them on your device. Use Applications settings to manage applications.



---

**Warning!** Because this 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.

---

## Manage Applications

Manage and remove applications from your device.

1. From a Home screen, touch  **Apps** →  **Settings** → **Applications** → **Manage applications**.
2. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

For more information, refer to “*Uninstalling an App*” on page 102.

## Running Services

View and control services running on your device.

---

**Warning!** Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

---


- ▶ From a Home screen, touch  **Apps** →  **Settings** → **Applications** → **Running services**.

To stop a service:

1. Touch the service.
2. Touch **Stop**.  
The **Stop system service?** pop-up displays.
3. Touch **OK**.



## Memory Usage

See how memory is being used by Downloaded, All, or Running applications.

1. From a Home screen, touch  **Apps** →  **Settings** → **Applications** → **Memory usage**.
2. Touch **Downloaded**, **All**, or **Running** to display memory usage for that category of applications.

## Battery Use

See how the battery is being used by device activities.

1. From a Home screen, touch  **Apps** →  **Settings** → **Applications**.
2. Touch **Battery use** to view how the display, the Android system, and Wi-Fi are affecting battery use.
3. Touch **Screen**, **Android System**, or **Wi-Fi** to view details.



---

**Note:** Other applications may be running that affect battery use.

---

## Unknown Sources

Enable or disable installation of non-Market applications.

1. From a Home screen, touch  **Apps** →  **Settings** → **Applications**.
2. Touch **Unknown sources** and touch **OK** to allow installation of non-Market applications.

---

**Warning!** Enabling this option causes your tablet and personal data to be more vulnerable to attack by applications from unknown sources.

---

## Development

Set options for application development.

### USB Debugging

When enabled, allows debugging when the device is attached to a PC by a USB cable.

---

**Note:** This setting is used for development purposes.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Applications** → **Development**.
2. Touch **USB debugging** to enable or disable the setting. When enabled, a check mark appears in the check box.

## Stay Awake

When enabled, the screen does not go to sleep (lock) while connected to a PC with a USB cable. This can be useful when using some applications because the device disconnects a Wi-Fi connection when the screen locks.

---

**Note:** This setting is used for development purposes.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Applications** → **Development**.
2. Touch **Stay awake** to enable or disable the setting. When enabled, a check mark appears in the check box.


## Allow Mock Locations

This setting is used by developers when developing location-based applications.

---


**Note:** This setting is used for development purposes.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Applications** → **Development**.
2. Touch **Allow mock locations** to enable or disable the setting. When enabled, a check mark appears in the box.

## Samsung Apps

Using the Samsung Apps option the device notifies you when you are using Wi-Fi or Packet data for Samsung applications.

1. From a Home screen, touch  **Apps** →  **Settings** → **Applications** → **Samsung Apps**.
2. Touch **New application notification** to enable the setting.
3. Touch **Reset locale** to delete Samsung Apps' locale data.

## Accounts and Sync

Set up and manage accounts, including your Google and Backup Assistant accounts.

### General Sync Settings

### Background Data

When enabled, all accounts can sync, send, and receive data at any time, in the background.

---

**Important!:** Disabling background data can extend battery life and lower data use. Some applications may still use the background data connection, even if this setting is disabled.



---

1. From a Home screen, touch  **Apps** →  **Settings** → **Accounts and sync**.

2. Touch **Background data** to enable or disable the setting.  
When enabled, a check mark appears in the check box.

### Auto-Sync

When enabled, all accounts sync data at any time, automatically.

1. From a Home screen, touch  **Apps** →  **Settings**  
→ **Accounts and sync**.
2. Touch **Auto-sync** to enable or disable the setting. When enabled, a check mark appears in the check box.



### Manage Accounts

Use Manage accounts to set up and configure your accounts.

---




**Note:** Available settings depend on the type of account. Not all settings are available for all accounts.

---

1. From a Home screen, touch  **Apps** →  **Settings**  
→ **Accounts and sync**.
2. Under **Manage accounts**, touch the account to modify its settings.

For more information about accounts, see “*Setting Up Your Accounts*” on page 43.

### Adding an Account

1. From a Home screen, touch  **Apps** →  **Settings**  
→ **Accounts and sync**.
2. Touch  **Add account**.
3. Touch one of the account types.
4. Use the keyboard and follow the prompts to enter your credentials and set up the account.

---

**Tip:** For more information about adding accounts, see “*Setting Up Your Accounts*” on page 43.



---


### Removing an Account

---

**Important!** Removing an account also deletes all of its messages, contacts and other data from the device.



---

1. From a Home screen, touch  **Apps** →  **Settings**  
→ **Accounts and sync**.
2. Touch an account to display its settings.

3. Touch  **Remove account**, then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

## Account Settings

To view the account settings for an account:

1. From a Home screen, touch  **Apps** →  **Settings** → **Accounts and sync**.
2. Touch an account to display its settings.
3. Touch Account settings.

For more information, refer to “*Gmail Account Settings*” on page 52.

## Motion Settings

It is possible to control certain aspects of your tablet by simply tilting it. You can tilt your tablet to reduce or enlarge the screen. You can move an icon from one Home page to another by panning your device to the left or right while holding the icon.



1. From a Home screen, touch  **Apps** →  **Settings** → **Motion settings**.

2. Touch **Motion activation** to make the following options available.

- **Tilt:** Touch **Use tilt** to activate the tilt option and then touch **Sensitivity** to set the sensitivity by dragging the slider between **Slow** and **Fast**. Touch **Try** to test your setting.
- **Panning:** Touch **Use panning** to activate the panning option and then touch **Sensitivity** to set the sensitivity by dragging the slider between **Slow** and **Fast**. Touch **Try** to test your setting.

## Firewall

You can block or allow IP access for each application running on your tablet.

1. From a Home screen, touch  **Apps** →  **Settings** → **Firewall**.
2. Touch **Use IP firewall** to make the following options available.
  - **IP firewall settings:** Touch an application and then touch **Default policy**, **Allow**, or **Block**, which determines whether the app can interact with the IP. Touch **OK** to save your setting.
  - **Default policy settings:** Touch **Allow** or **Block** to set the **Default policy** for the previous setting.



## Privacy

Manage your device's use of personal information.

### Backup and Restore



#### Back Up My Data

Enable or disable backup of your information to the Google server.

1. From a Home screen, touch  **Apps** →  **Settings** → **Privacy**.
2. Touch **Back up my data** to enable or disable back up of application data, Wi-Fi passwords, and other settings to the Google server.

#### Backup Account

If you have enabled the **Back up my data** option, then the **Backup account** option is available.

1. From a Home screen, touch  **Apps** →  **Settings** → **Privacy**.
2. Touch **Backup account** and touch **Add account** to set your Google Gmail account to be backed up to the Google server.

## Automatic Restore



When enabled, backed-up settings are restored when you reinstall an application.

1. From a Home screen, touch  **Apps** →  **Settings** → **Privacy**.
2. Touch **Automatic restore** to enable or disable automatic restoration of settings from the Google server.

## Personal Data

### Factory Data Reset

Use Factory data reset to return your device to its factory defaults. This setting erases all data from the device, including Google or other email account settings, system and application data and settings, and downloaded applications, as well as your music, photos, videos, and other files. If you reset the tablet in this way, the next time you turn on your tablet you are prompted to reenter the same kind of information as when you first started Android.

1. From a Home screen, touch  **Apps** →  **Settings** → **Privacy**.
2. Touch **Factory data reset**, then follow the prompts to perform the reset.



## Storage

Use this option to view device memory usage.


- ▶ From a Home screen, touch  **Apps** →  **Settings** → **Storage**.

Total device memory, memory used for applications, downloads, pictures, videos, audio, and miscellaneous files, and available memory are displayed.

## Language and Input

### Select Language



Set the language used by your device.

1. From a Home screen, touch  **Apps** →  **Settings** → **Language and input** → **Select language**.
2. Touch a language/locale from the list.

### Voice Input and Output



Use Voice input and output settings to customize your device's voice recognition feature and audible readout of text, for example, the contents of email messages.

## Voice Recognition Settings

1. From a Home screen, touch  **Apps** →  **Settings** → **Language and input** → **Voice recognition settings** to configure:
  - **Language:** Choose a language for your voice input.
  - **SafeSearch:** Set the sensitivity for filtering of explicit images from the results of your voice-input Google searches.
  - **Block offensive words:** Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.

## Text-to-Speech Settings

Voice output provides audible readout of text, for example, the contents of email messages.

1. From a Home screen, touch  **Apps** →  **Settings** → **Language and input** → **Text-to-speech settings** to configure:
  - **Listen to example:** Play a sample of speech synthesis (available if voice data is installed).
  - **Always use my settings:** When enabled, settings you make override the application's default settings.

**Default settings:** Configure settings to your preferences. When Always use my settings is enabled, these settings override the application's default settings.

- **Default engine:** Choose the default text-to-speech engine application.
- **Install voice data:** Download and install the speech synthesis data needed to activate Text-to-speech from Android Market (free).
- **Speech rate:** Set the speed at which the text is spoken.
- **Language:** Set the language voice for spoken text.

**Engines:** Configure settings for installed voice recognition engine(s).

- **Samsung TTS:** Set **Default settings** → **Default engine** to Samsung TTS. Touch Voice effects to apply the various voice effects for the spoken text. Options are: Normal, deep, high, thin, thick, and robot voice, and, just for fun, the helium gas effect.
- **Pico TTS:** Install text-to-speech engine applications.

## Keyboard Settings

Configure text entry options to your preferences.

### Current Input Method



Choose the default text entry method.

1. From a Home screen, touch  **Apps** →  **Settings** → **Language and input** → **Current input method**.

2. Touch **English (US) Keyboard**, **English Voice**, **Samsung keypad**, **Swype**, or **TalkBack keyboard** to set the default method.



### Input Method Selector


Set whether you want the Input Selector button to appear in the System bar to the left of the time.

1. From a Home screen, touch  **Apps** →  **Settings** → **Language and input** → **Input method selector**.
2. Touch **Automatic**, **Always show**, or **Always hide** to enable or disable the setting you want.

### Configure Input Methods

This screen lists settings for the input methods you have installed. For more information, refer to “Entering Text” on page 34.

1. From a Home screen, touch  **Apps** →  **Settings** → **Language and input** → **Configure input methods**.
2. Under **Swype**, touch **Settings** to display a screen where you can touch items to configure the Swype settings. Settings include:  
**Preferences**

- **Language:** Allows you to select the languages available from the Swype keyboard. To choose the desired language, touch the language key .
- **Audio Feedback:** When enabled, plays sounds as you enter text.
- **Vibrate on keypress:** When enabled, the device vibrates on text entry.

### Swype Advanced Settings

- **Word suggestion:** When enabled, suggests possible matching words as you enter text.
- **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.
- **Speed vs. accuracy:** Set the sensitivity of Swype text recognition.


### Help

- **Swype help:** View the Swype User Manual.
- **Tutorial:** View a tutorial for learning how to Swype.

### About

- **Version:** View the current Swype software version.

3. Under **TalkBack keyboard**, touch **Settings** to display a screen where you can touch items to configure the TalkBack keyboard settings. Settings include:

- **Launch tutorial:** Learn how to use the TalkBack keyboard
- **Auto typing mode:** Switch to typing mode when entering edit boxes.
- **Haptic feedback:** Vibrate on keypress and directional pad events
- **Auditory feedback:** Make a sound on keypress and directional pad events.
- **Auto-capitalization:** When enabled, automatically capitalizes the first letter of the first word in a sentence.
- **Show settings key:** Touch **Automatic**, **Always show**, or **Always hide** to set whether to show the settings key on the keyboard.
- **Voice input:** Touch On main keyboard, On symbols keyboard, or Off to determine the location of the  Speech Recognition key on the keyboard.

4. Under **Android keyboard**, touch **Active input methods** to display a screen where you can check the languages you want available for typing and speaking when using the on-screen keyboard and voice input.
5. Under **Android keyboard**, touch **Settings** to display the following options:

## General

- **Auto-capitalization:** Check to have the on-screen keyboard automatically capitalize the first letter of the first word after a period, the first word in a text field, and each word in name fields.
- **Vibrate on keypress:** Check to vibrate each time you touch a key on the on-screen keyboard.
- **Sound on keypress:** Check to play a brief sound each time you touch a key on the on-screen keyboard.

## Text correction

- **Auto-correction:** Check to automatically enter a suggested word, highlighted in the strip above the keyboard, when you enter a space or punctuation.
- **Show correction suggestions:** Check to show suggested words in a strip above the on-screen keyboard as you type.

## 6. Under **Samsung keypad**, touch **Settings** to display the following options:

- **Input language:** Used to set a default text entry language. Touch this field, scroll through the options, and touch the desired input language. When activated, a check appears in the box.
- **XT9:** Enable or disable XT9 predictive text. When enabled the system suggests words matching your text entries, and, optionally, completes common words automatically.

- **XT9 advanced settings:** When XT9 is enabled, touch this field to set the following options:
  - **Word completion:** Enable or disable automatic word completion for words matching your text entries.
  - **Word completion point:** Choose the number of letters for the system to use to predict words for automatic completion.
  - **Spell correction:** Enable or disable automatic spell checking and correction.
  - **Next word prediction:** When enabled, the system predicts the next word based on common usage patterns.
  - **Auto-substitution:** When enabled, the system automatically replaces words you enter with words from the XT9 auto-substitution list.
  - **Regional correction:** When enabled, the system automatically changes the spelling of words based on norms for your locale.
  - **Recapture:** When enabled, the system re-displays matching words when you make corrections to a word inserted by the system.
  - **XT9 my words:** Add words to your XT9 predictive text dictionary.
  - **XT9 auto-substitution:** Manage the list of words the system uses for auto-substitution (Auto-substitution setting must be enabled).
- **Automatic full stop:** Enable or disable automatic insertion of a “full stop” (period and space to end a sentence) by touching the space bar twice.

- **Sound on keypress:** Check to play a brief sound each time you touch a key on the on-screen keyboard.
- **Auto-capitalization:** Enable or disable auto-capitalization. When enabled, the system automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
- **Voice input:** Enable or disable the Voice input feature. When enabled, you can choose to enter text by speaking the words, using Google's networked speech recognition feature.
- **Handwriting settings:** Touch to display the following options:
  - **Recognition time:** Set the recognition time to 100, 300, 500, 1000, or 2000 milliseconds.
  - **Pen thickness:** Set the pen thickness to 1, 3, 5, 7, or 9 pixels.
  - **Pen color:** Choose a pen color.
  - **Recognition type:** Set the recognition after each stroke or after completion.
  - **Gesture guide:** Displays examples of the various gestures that can be used to edit handwriting.
  - **About:** Displays information about the handwriting software.
- **Tutorial:** Displays help for using Samsung keypad and XT9 predictive text.



## Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

---

**Note:** You can download accessibility applications from Android Market and manage their use here.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Accessibility**.
2. Touch **Accessibility** to activate or deactivate accessibility services. When activated, a check appears in the box.

## Accessibility Applications

Enable or disable accessibility services.

---

**Note:** You must activate **Accessibility** before enabling services.

---

1. From a Home screen, touch  **Apps** →  **Settings** → **Accessibility**.
2. Touch **TalkBack** to install TalkBack.

---


**Note:** TalkBack, when installed and enabled, is a speech synthesizer that speaks the labels or names of items as you navigate the tablet's user interface.

---

3. Touch a service to enable or disable the service. When enabled, a check mark appears in the check box.



### Accessibility Scripts

Use this option to allow or disallow applications to download accessibility scripts from Google.

1. From a Home screen, touch  **Apps** →  **Settings** → **Accessibility**.
2. Touch **Download accessibility scripts** to enable or disable the option.



### Touch Screen Controls

Use this option to set the delay time for touch and hold.

1. From a Home screen, touch  **Apps** →  **Settings** → **Accessibility**.
2. Touch **Tap and hold delay** and then select from **Short**, **Medium**, or **Long**.


## Date and Time

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. From a Home screen, touch  **Apps** →  **Settings** → **Date and time**.
2. Touch a setting to configure:
  - **Set date:** Enter the current date (only available when the Automatic setting is disabled).
  - **Set time:** Enter the current time (only available when the Automatic setting is disabled).
  - **Select time zone:** Choose your local time zone (only available when the Automatic setting is disabled).
  - **Use 24-hour format:** Set the format for time displays.
  - **Select date format:** Set the format for date displays.

## About Device

View information about your device, including status, legal information, hardware and software versions, and battery use.

1. From a Home screen, touch  **Apps** →  **Settings** → **About device**.
2. Touch items to view details:
  - **Software update:** Connect to the network and download new software. For more information, refer to “*Software Update*” on page 155.
  - **Status:** View Battery status, Battery level, IP address, Wi-Fi MAC address, Bluetooth address, Serial number, and Up time.
  - **Battery use:** View how the screen, the Android system, and Wi-Fi are affecting battery use. Touch **Screen**, **Android System**, or **Wi-Fi** to view details.
  - **Legal Information:** Display **License settings**, **Open source licenses**, and **Google legal** information.

---

**Tip:** To find your device's DivX® registration code and information about registering your device to play DivX protected video, touch **License settings** → **DivX® VOD**.

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- **Model number:** Display your device's model number.
- **Android version:** Display the firmware version of your device.
- **Kernel version:** Display the kernel version of your device.
- **Build number:** Display your device's build number.

## Software Update

The Software Update feature enables you to use your device to connect to the network and download any new software directly to your device. The device automatically updates with the latest available software when you access this option.

### Signing In to your Samsung Account

Before you can check for system updates, you must sign in to your Samsung account:

1. From a Home screen, touch  **Apps** →  **Settings** → **About device**.
2. Touch **Software update**.

The **Select country** list of countries displays.

3. Touch a country in the list (for example, United States) and touch **OK**.

The Samsung account Terms and Conditions screen displays.

4. Touch **I accept all the terms above** and then touch **Accept** to continue or touch **Reject** to return to the previous screen.

The Samsung account screen displays.

5. Touch **Sign-up** to create a Samsung account.

– or –

Touch **Sign in**, if you already have a Samsung account, enter your Email address and your Samsung account password, and touch **Sign in**.

---

**Tip:** The password is for your Samsung account, not the password you use for the email address you are entering. Plus, you can use only letters, numbers, !, @, \$, %, &, ^, and \* for your Samsung account password.

---

## Software Update Options

Once you have signed into your Samsung account, you can check for a software update.

1. From a Home screen, touch  **Apps** →  **Settings** → **About device**.

2. Touch **Software update**.

The following options display:

- **Update:** Touch this option to check for a software update. The Software update pop-up displays. Touch **OK**. The device automatically updates the software, if available. Otherwise, when the **No update available** prompt displays, touch **OK**.
- **Auto update:** Enable this option to allow your device to automatically check for updates monthly.
- **Push messages:** Enable or disable whether you want to be notified of an available software.



## Section 12: Health and Safety Information

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This section outlines the safety precautions associated with using your Galaxy Tab. The terms “GALAXY” or “mobile device” are used in this section to refer to your Galaxy Tab. **Read this information before using your GALAXY.**

### Exposure to Radio Frequency (RF) Signals

Although GALAXY is not a cell phone, it can operate on the same network as cell phones and can use the same Radio Frequency (RF) signals to communicate with the network as a cell phone. Therefore, although the following information refers specifically to RF exposure from wireless phones, it may apply similarly to GALAXY when it is being used on a cell phone network.

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

#### ***Do cell phones pose a health hazard?***

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies

looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great

enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

### **Research Results to Date: Is there a connection between RF and certain health problems?**

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

### **Interphone Study**

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at [http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200\\_E.pdf](http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf).

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

## **International Cohort Study on Mobile Phone Users (COSMOS)**

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at <http://www.ukcosmos.org/index.html>.

## **Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)**

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at [http://www.creal.cat/programes-recerca/en\\_projectes-creal/view.php?ID=39](http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39).

## **Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute**

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use

has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at <http://seer.cancer.gov/>.

## **Cell Phone Industry Actions**

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

## ***Reducing Exposure: Hands-Free Kits and Other Accessories***

### **Steps to Reduce Exposure to Radio Frequency Energy**

If there is a risk from being exposed to Radio Frequency (RF) energy from cell phones — and at this point we do not know that there is — it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;

- Use speaker mode or a headset to place more distance between your head and the cell phone.

### **Hands-Free Kits**

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

### **Cell Phone Accessories that Claim to Shield the Head from RF Radiation**

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hands-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

### **Children and Cell Phones**

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program: <http://www.fcc.gov/oet/rfsafety/>.
  - Environmental Protection Agency (EPA): <http://www.epa.gov/radtown/wireless-tech.html>.
  - Occupational Safety and Health Administration (OSHA): <http://www.osha.gov/SLTC/radiofrequencyradiation/>.
- Note:** This web address is case sensitive.
- National Institute for Occupational Safety and Health (NIOSH): <http://www.cdc.gov/niosh/>.
  - World Health Organization (WHO): <http://www.who.int/peh-emf/en/>.
  - International Commission on Non-Ionizing Radiation Protection: <http://www.icnirp.de>.
  - Health Protection Agency: <http://www.hpa.org.uk/Topics/Radiation/>.

- US Food and Drug Administration: <http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm>.

## Specific Absorption Rate (SAR) Certification Information

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the mobile device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be well below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model mobile device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model of a device are performed in positions and locations (e.g. near the body) as required by the FCC.

For typical operations, this mobile device has been tested and meets FCC RF exposure guidelines.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model device as reported to the FCC are:

2.4 GHz - Body: 1.01 W/kg

5.2 GHz - Body: 0.89 W/kg

5.3 GHz - Body: 0.86 W/kg

5.5 GHz - Body: 0.89 W/kg

5.8 GHz - Body: 0.74 W/kg

SAR information on this and other model devices can be viewed online at <http://www.fcc.gov/oet/ea/fccid/>. To find information that pertains to this particular model GALAXY, this site uses the FCC ID number, which is printed on the rear case of your GALAXY.

Follow the instructions on the website and it should provide values for typical or maximum SAR for a particular mobile device. Additional product specific SAR information can also be obtained at <http://www.fcc.gov/cgb/sar>.

## Smart Practices While Driving

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or using a mobile device — unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility.

**Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired.** Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

**Never use wireless data services such as Web browsing or e-mail while operating a vehicle.**

**Never watch videos, such as a movie or clip, or play video games while operating a vehicle.**

For more information, go to <http://www.ctia.org>.

## Battery Use and Safety

The battery in GALAXY is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, take the GALAXY to a service center for inspection and replacement.

- **Do not let the GALAXY or battery come in contact with liquids.**

Liquids can get into the GALAXY's circuits, leading to corrosion. Even when the GALAXY appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the GALAXY and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.

- **Do not place your battery in or near a heat source.** Excessive heating can damage the GALAXY or the battery and could cause the GALAXY or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your GALAXY in your car in high temperatures.
- **Do not dispose of the GALAXY or the battery in a fire.** The GALAXY or the battery may explode when overheated.
- **Avoid dropping the GALAXY.** Dropping the GALAXY, especially on a hard surface, can potentially cause damage to the GALAXY. If you suspect damage to the GALAXY or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way.**

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**Important!** Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your GALAXY.

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### **WARNING!**

**Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard.** Samsung's warranty does not cover damage to the GALAXY caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible batteries and chargers.** Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible batteries and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard.**

### ***Samsung Mobile Products and Recycling***

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories, and other unwanted electronics, in accordance with local regulations and through an approved recycler.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

For more information about recycling your GALAXY, go to: <http://mobile.samsungusa.com/recycling/index.jsp> or call 1-800-822-8837 for more information.



To find the nearest recycling location, go to:  
[www.samsung.com/recyclingdirect](http://www.samsung.com/recyclingdirect) or call 1-877-278-0799.

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**Warning!** Never dispose of batteries in a fire because they may explode.

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### **UL Certified Travel Charger**

The Travel Charger for this mobile device has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

**FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.**

**IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.**

**DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.**

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

### **Display / Touch-Screen**

Please note the following information when using your mobile device:

#### **WARNING REGARDING DISPLAY**

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

#### **WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE**

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, refer to “*Standard Limited Warranty*” on page 172.

## GPS

GALAXY can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

### Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

## Navigation

Maps, directions, and other navigation data may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. Therefore, **you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.**

### Emergency Communication

GALAXY should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency services). GALAXY is not designed or intended to be used for such communications. Voice Over Internet Protocol (VOIP) services which may be used on GALAXY to make phone calls do not support 911 calls and are only intended for talking with friends.

## Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

### Keep your Samsung Mobile Device away from:

#### Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion. Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

#### Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

#### Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

#### Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

## Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

## Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

## Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

## Responsible Listening

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### Caution!: Avoid potential hearing loss.

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Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also

been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling

headphones should allow you to hear the music at lower volumes than when using earbuds.

- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

### **American Academy of Audiology**

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: [info@audiology.org](mailto:info@audiology.org)

Internet: <http://www.audiology.org/Pages/default.aspx>

## **National Institute on Deafness and Other Communication Disorders**

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: [nidcdinfo@nih.gov](mailto:nidcdinfo@nih.gov)

Internet: <http://www.nidcd.nih.gov/>

## **National Institute for Occupational Safety and Health (NIOSH)**

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: [cdcinfo@cdc.gov](mailto:cdcinfo@cdc.gov)

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

1-888-232-6348 TTY

## **Operating Environment**

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

## **Using Your Mobile Device Near Other Electronic Devices**

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

## **Implantable Medical Devices**

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;

- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider. For more information see: <http://www.fcc.gov/oet/rfsafety/rf-faqs.html#>.

### **Other Medical Devices**

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### **Vehicles**

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### **Posted Facilities**

Switch your mobile device off in any facility where posted notices require you to do so.

### **Potentially Explosive Environments**

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

### ***Restricting Children's Access to Your Mobile Device***

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or use services that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

## ***FCC Notice and Cautions***

### **FCC Notice**

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

### **Cautions**

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

## ***Other Important Safety Information***

- Only qualified personnel should service the mobile device. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment used in your vehicle are securely mounted.
- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of network services to the offender, or legal action, or both.

## Section 13: Warranty Information

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### Standard Limited Warranty

#### What is covered and for how long?

SAMSUNG ELECTRONICS AMERICA, INC. (“SAMSUNG”) warrants that SAMSUNG’s Tablets and accessories (“Products”) are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Tablet	1 Year
Batteries (Including Internal Batteries)	1 Year
Case	90 Days
Other Tablet Accessories	1 Year

#### What is not covered?

This Limited Warranty is conditioned upon proper use of the Product. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches,

defects and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG Tablet for which it is specified.



### **What are SAMSUNG's obligations?**

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, at SAMSUNG's sole option, without charge. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product. Repaired/ replaced cases will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited.

### **What must you do to obtain warranty service?**

To obtain service under this Limited Warranty, you must return the Product to an authorized Tablet service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address. To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If SAMSUNG determines that any Product is not covered by this

Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

You should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

### **What are the limits on SAMSUNG's liability?**

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY

TO YOU. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT USED IN CONJUNCTION WITH THE PRODUCT, OR THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE. RESPONSIBILITY FOR THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT RESTS SOLELY WITH THE USER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT.

Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty. This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

### **What is the procedure for resolving disputes?**

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**You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to [optout@sta.samsung.com](mailto:optout@sta.samsung.com), with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.**

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[060111]

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If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to SAMSUNG's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all

settings to default settings. Please contact the **SAMSUNG Customer Care Center** for details.

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**Important!** Please provide warranty information (proof of purchase) to SAMSUNG's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

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