

Samsung GALAXY Tab[®] 2 7.0

A N D R O I D T A B L E T

User Manual

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



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Section 1: Getting Started

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 132.

Also included is important safety information beginning on page 102, 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 the Home screen. To get to the Home screen, you may need to unlock the device. For more information, see *“Securing Your Device”* on page 11.

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, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes:** Presents alternative options for the current feature or 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 to your attention important information to prevent loss of data or functionality, or even 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 the Home screen, touch  **Apps** →  **Settings.**”



Many settings use an On/Off toggle. Touch the On/Off toggle to turn a setting On or Off. This graphic is used to represent the On/Off toggle.

SIM Card

Your device uses a 4G LTE SIM (Subscriber Identity Module). The 4G LTE SIM is a small, rectangular plastic card that stores your device number, information about your wireless service, and may contain other information such as messages and contacts.

The SIM card is installed in a slot on the side of your device. If you purchased your device at a Verizon Wireless store, the SIM card is activated and ready to use. If you ordered a new device, the card may need to be activated before you can use it. For more information about activating the SIM card, visit: <http://www.verizonwireless.com/4GSIM>.

Caution! Do not bend or scratch the SIM card. Take care when handling, installing, or removing the SIM card, and avoid exposing the SIM card to static electricity, water, or dirt. Keep the SIM card out of reach of small children.

Important! Turn the device off before installing or removing the SIM card. To turn the device off, press and hold the **Power/Lock Key**.



Installing the 4G LTE SIM Card

1. Open the SIM card slot and carefully insert the 4G LTE SIM Card into the slot, with the Verizon Wireless logo facing up.
2. Push the SIM card in gently until it locks into place.

Removing the 4G LTE SIM Card

1. Turn off the device, then open the SIM card slot.
2. Push the 4G LTE SIM Card in gently to release the lock.
3. Carefully slide the 4G LTE SIM Card out of the slot.


Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A 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. A fully discharged battery can require up to 4 hours of charge time. After the first charge, you can use the device while charging.

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.

Battery Indicator

The battery icon  in the System bar shows battery power level. Before the battery becomes too low to operate, the empty battery icon will flash and a tone will sound. If you continue to operate the device without charging, the device will shut down.

Charging the Battery

Your device comes with a Charging Head and USB cable to charge your device from any standard outlet.


Note: When you connect your device to a computer via USB cable, the data connection takes precedence over charging, and the device will only charge when it is turned off.

1. Insert the USB cable into the USB port on the device.
2. Connect the USB cable to the charging head.
3. Plug the charging head into a standard AC power outlet.
4. When charging is complete, unplug the charging head from the 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**. While powering on, the device connects with the network, then displays the Home screen and active alerts.


Turning Your Device Off

1. Press and hold the  **Power/Lock Key**.
2. Follow the prompts to confirm the shut-down.





Setup Wizard

The first time you turn on your device, the Setup Wizard will prompt you to set up the basics on your device.

1. Turn on the device by pressing the  **Power/Lock Key**. You may need to swipe the screen with your finger to unlock it.
2. Follow the prompts to set up your new device.



You can also use the Setup Wizard to quickly configure your device at any time.

- From the Home screen, touch  **Apps** →  **Setup Wizard**.

Your Google Account



Your new device uses your Google account to fully utilize its Android features, including Gmail, Google Talk, and Google Play Store.

When you turn on your device for the first time, follow the prompts to set up a connection with your existing Google account, or create a new Google account.


To create a Google account, or set up your Google account on your device at any time, use Accounts and sync settings at  **Apps** →  **Settings** → **Add accounts**. For more information, see “Accounts” on page 31.

Your Samsung Account

Create a Samsung account, for access to Samsung apps on your device, including Media Hub.

Create a Samsung account, or set up your Samsung account on your device in Accounts and sync settings at  **Apps** →  **Settings** → **Add account**. For more information, see “Accounts” on page 31.

Roaming

When you travel outside your home network’s coverage area, your device can roam to acquire service on other compatible digital networks. Roaming during trips outside the USA may result in significantly higher charges. When Roaming is active, the Roaming icon  appears in the System bar of the display.


Tip: You can set your device’s roaming behavior at  **Apps** →  **Settings** → **More settings** → **Mobile networks**. For more information, see “Mobile Networks” on page 76.

During roaming, some services may not be available. Depending on your coverage area and service plan, extra charges may apply when accessing data networks. Contact Verizon Wireless for more information about your coverage area and service plan.

Securing Your Device

Use your device's screen lock features to secure your device.

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


For lock screen options, use the Configure lock screen setting under Location and security settings, at  **Apps** →

 **Settings** → **Security**.

- For more information, see “*Lock Screen Options*” on page 86.
- For other settings related to securing your device, see “*Accessory*” on page 96.

Locking the Device

- By default, the device locks automatically when the screen times out.
 - or –

Lock the device by pressing the  **Power/Lock Key**.

Unlocking the Device

Unlock the device using the default unlock, or for increased security, set and use a personal screen lock PIN, password, or pattern.

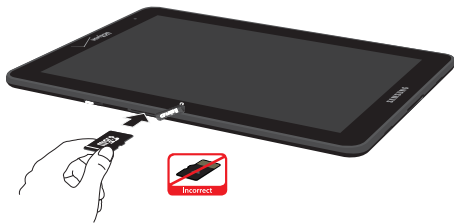
- Press the  **Power/Lock Key**, then swipe your finger across the screen.

Memory Card

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




Installing a Memory Card

1. Open the memory card slot.
2. With the gold contacts facing down, slide the memory card into the slot, pushing gently until it locks into place.
3. Close the memory card slot.



Removing a Memory Card

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

1. From the Home screen, touch  **Apps** →  **Settings** → **Storage** → **Unmount SD card**.
2. At the prompt, read the warning and select **OK** to continue. Wait for the  **SD card safe to remove** icon to appear in the Status bar and Notification panel.
3. Open the memory card slot.
4. Gently press on the memory card to release the lock, then carefully pull the card out.
5. Close the memory card slot.

Section 2: Understanding Your Device

Features

- 7-inch WSVGA (1024x600) touchscreen display
- 1.2 GHz dual-core processor
- 8 GB on-device storage (actual formatted capacity is less)
- Support for microSD™ or microSDHC™ memory cards, up to 64GB capacity (not included)
- CDMA 1X EV-DO Rev A/LTE Wireless Technology
- SAFE™ certified
- Android® 4.1.2, Jelly Bean
- Samsung TouchWiz™
- Google Play™ Store, plus pre-loaded Google applications
- Connections
 - Wi-Fi 802.11 b/g/n, including Wi-Fi Direct
 - Mobile Hotspot
 - Bluetooth 4.0
 - Tethering via USB or Bluetooth
 - VPN
- Messaging applications
 - Gmail
 - Email
 - Google Talk
 - Google+ Messenger
- 3.2 MP Camera + VGA Front Camera
- 3.5 mm Headset/Accessory Jack
- Built-in Infrared Blaster, for use with the pre-loaded Peel Smart Remote app

Front



- **VGA Front Camera:** Use when taking pictures and recording video.
- **Light Sensor:** Detects ambient light when Automatic brightness or Screen power saving mode is enabled, and when using the Front Camera.

Back



- **3.2MP Camera:** Use when taking pictures and recording video.

Sides



- **Microphone:** Capture sound for voice input, recording, and other features.
- **3.5mm Headset Jack:** Plug in optional headset or earphones (not included).
- **Speakers:** Play alert tones, music, audio, and sounds.
- **USB/Accessory Port:** Connect a USB cable for charging or to sync music and files.

Top and Bottom



- **Power/Lock Key:** Press and hold to turn the device on or off, or for quick access to Device options: **Power off**, **Airplane mode**, **Restart**, **Mute**, and **Sound**. Press to lock the device, or to wake the screen for unlocking.
- **Volume Key:** From the Home screen, press to adjust Master Volume. During playback, press to adjust volume. Press to mute an alert notification.
- **Infrared Blaster:** Use with the pre-loaded Peel Smart Remote app to control other devices (not included).
- **Memory Card Slot:** Install a microSD card for storage of songs, pictures, and other data.
- **4G LTE SIM Card Slot:** Install the 4G LTE SIM card.

Home Screen



Note: 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.

- **Action Bar:** Displays at the top of the screen. Updates automatically to provide options, navigation, and other items for the current application or screen. For more information, see “*Action Bar*” on page 19.
- **Widgets:** Apps that run on the Home screen. These default widgets are live panels, displaying current information (such as weather). For more information, refer to “*Adding Widgets to the Home Screen*” on page 23.
- **Status:** Displays status and notification icons. Touch to access Quick Settings and Notifications. For more information, refer to “*Quick Settings*” on page 21.
- **System Bar:** Always displayed at the bottom of the screen, showing soft keys for navigation. For more information, refer to “*System Bar*” on page 19.
- **App Shortcuts:** Shortcuts to favorite apps. For more information, refer to “*App Shortcuts*” on page 23.
- **Mini App Tray:** Quick shortcuts to apps used with other apps. For more information, refer to “*Mini App Tray*” on page 20.

Extended Home Screen

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

Slide your finger horizontally across the screen to scroll to the left or right side pages. As you scroll, the indicator at the bottom of the page shows which page you're on.

Customizing the Home Screen

Customize the Home screen to include your favorite widgets, shortcuts to applications, wallpaper and more.

- **Apps and widgets:** Add shortcuts to apps, or widgets, to the screen. For more information, see *“App Shortcuts”* on page 23, or see *“Widgets”* on page 23.
- **Folders:** Use folders to store information on the Home screen for easy access. For more information, see *“Folders”* on page 24.
- **Page:** Add a page to the Home screen.
- **Wallpapers:** Choose an image from Gallery, or select pre-loaded still or live wallpapers. For more information, see *“Wallpapers”* on page 24.

Adding and Removing Home Screen Pages

Your device comes with 5 default Home screen pages, and you can add or remove pages up to total of seven pages.

1. Touch and hold on the Home screen to display the **Home screen** menu, then touch **Page**.
– or –
“Pinch” the Home screen.
2. Touch and drag pages to change their order, and use these controls to configure pages:



Remove: Touch and hold on a page, then drag it to **Remove**.



Add: Touch a previously-removed page to add it, to a total of seven.

Tip: The page with the  **Home** icon displays when you touch  **Home** in the System Bar.

Navigation

Warning! Please note that a touch screen responds best to a light touch from the pad of your finger. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, see “*Warranty Information*” on page 121.

Touch

Touch items to select or launch them. For example:

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

Touch and Hold

Activate onscreen items by a touch and hold gesture.

For example:

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

Swipe or Slide

Swipe or slide your finger across the screen. For example:

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

Pinch or Spread

Using two fingers, make a pinching motion or spreading motion on the screen. For example:

- Pinch the screen to zoom out on pictures or screens.
- Spread the screen to zoom in on pictures or screens.

Action Bar


The Action bar displays at the top of the screen, and updates automatically to provide access to items related to the current application or screen.

Google Search Bar Widget

Touch  to enter criteria to search the web.

Touch  to speak your criteria.

Menu

In some cases, a context-sensitive menu is available on the right side of the Action bar. Touch , **Menu** to display options for the current screen or feature.

System Bar

The System Bar offers navigation tools.


Home

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

Back

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



Recent Apps

Touch  **Recent apps** to display apps you recently launched. From Recent apps, touch an app to return to it. Or, touch and hold Recent apps to launch the Apps screen for access to all apps.

Mini App Tray




The Mini App Tray contains shortcuts for apps that you might need while working in other apps, such as Alarm, Calculator, Calendar, Email, etc.

1. Touch  **Open** on the System bar to access the Mini App Tray.
2. Touch one of the icons to display a mini app pop-up.
3. Touch  **Close** to close the Mini App Tray.

Customizing the Mini App Tray

You can choose applications to display on the Mini App Tray and arrange them in any order.

1. Touch  **Open** on the System bar to access the Mini App Tray.
2. Touch **Edit**.
3. Touch and drag apps in and out of the tray or to another position in the tray.
4. Touch **Done** to save your changes.

Status

The Status area at the top of the screen shows notifications, the current time, and icons that tell you about messages and device status.

Touch Status to display Quick Settings and Notifications.



Quick Settings

Quick Settings and Notifications display the current date and time, network and battery status, Wi-Fi status and notifications. Touch Status at the top of the screen to display Quick Settings.

Touch items to open them, or touch **X** to dismiss the notification.

Slide your finger left and right across the settings to find available settings.



From Quick Settings, touch  **Settings** to access all settings for your device. For information about all the Settings available on your device, see “Settings” on page 74.

Status and Notification Icons



Battery Level: Shown fully charged.



Charging Indicator: Battery is charging.



Device Power Critical: Charge immediately. If not charged, device will shut down.



USB Charging Indicator: Connected to PC via USB cable. When connected to a PC, the battery only charges when the device is turned off.



USB Connected: Connected to a PC using a USB cable.



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



Airplane Mode: Airplane Mode is enabled. You can use many of your device’s features, but cannot access online information.



New Email Message: You have new email. Touch the icon to view the notification, then touch a notification to view the email. Icons vary, depending on the provider.



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



Configure input methods: When the keyboard is displayed, touch for a menu of quick keyboard settings.



Bluetooth Active: Bluetooth is turned on.



Bluetooth Available: Bluetooth is turned on, Bluetooth devices are visible nearby.



Bluetooth Paired: Bluetooth is turned on, and the device is paired with another Bluetooth device.



Music Player: A song is playing. Touch the Music icon or Status in the System Bar to see the song title and controls.



Wi-Fi Active: Wi-Fi service is active, and connected to a Wireless Access Point (WAP). When dormant, the arrows are gray; when sending or receiving data, the arrows blink in color.



3G Service Available: The device is connected to the 3G wireless network.



4G LTE Service Available: The device is connected to the 4G LTE wireless network.



1xRTT Service Available: The device is connected to the 1xRTT wireless network.



Signal Strength: 4G LTE wireless signal. More bars equal stronger signal, and flashing arrows indicate activity.



GPS Active: Device is searching for a GPS signal.


Widgets

Place widgets on the Home screen.

Adding Widgets to the Home Screen

1. Touch and hold on the Home screen, then touch **Apps and widgets**.
2. Touch the **Widgets** tab to display available widgets. Scroll by sliding your finger right and left to view more widgets.
3. Touch and hold a widget, then drag it to any Home screen and release.

Removing Widgets

- Touch and hold the widget until  **Remove** appears, then drag the widget to the **Remove** icon and release.

Apps

Touch  **Apps** to open the Apps screen to launch applications.

For information about applications, see “Applications” on page 44.


App Shortcuts

Use App shortcuts to quickly access applications from the Home screen. For information about applications, see “Applications” on page 44.


Adding Shortcuts from the Home Screen

1. Touch and hold on the Home screen, then touch **Apps and widgets**.
2. Touch the **Apps** tab to display applications. Scroll by sliding your finger right and left to view more applications.
3. Touch and hold an application, then drag it to any Home screen and release.

Adding Shortcuts from Apps

1. Touch  **Apps**.
2. Touch and hold an application, then drag it to any Home screen and release.

Removing Shortcuts

- Touch and hold the app shortcut until  **Remove** appears, then drag the app shortcut to the **Remove** icon and release.

Wallpapers

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

1. Touch and hold on the Home screen, then touch **Set wallpaper**.
2. Touch to select **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Touch to select **Gallery**, **Live wallpapers**, or **Wallpapers**.
4. Select a photo or wallpaper, then follow the prompts to update the screen.

Note: You can also choose wallpapers in Settings. Touch  **Apps** →  **Settings** → **Display** → **Wallpaper**.


Folders

Place Folders on the Home screen to organize items for easy access.

Adding Folders from the Home Screen

1. Touch and hold on the Home screen, then touch **Folder**.
2. Enter a name for the folder, then touch **OK**.
3. To reposition the folder, touch and hold the folder, then drag it a new location and release.
4. Touch the folder to open it.
5. To add items to a folder, touch and hold the item, then drag it to the folder and release.

Removing Folders

- Touch and hold the folder until  **Remove** appears, then drag the folder to the **Remove** icon.

Entering Text

Text Input Methods

Your device offers several text input methods:

- **Samsung keyboard:** Enter text by touching keys on a virtual QWERTY keyboard.
- **Google voice typing:** Enter text by speaking.
- **Swype:** Enter text by sliding your finger or stylus from letter to letter, lifting your finger between words.



Virtual QWERTY Keyboard


Your device offers a virtual QWERTY keyboard for text entry. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications.

Touch any text entry field to display a keyboard at the bottom of the screen. By default, when you rotate the device, the screen updates to display the keyboard at the bottom of the screen.

Choosing the Text Entry Method

You can choose a default entry method in Settings, or choose a method while you're entering text from Quick Settings and Notifications.

- To choose the default entry method, touch  **Apps** →  **Settings** → **Language and input** → **Default**. For information about choosing the default entry method, see “*Default Method for Entering Text*” on page 90.
– or –

To change the entry method while entering text, touch  on the Status bar to display Quick Settings and Notifications, then touch **Choose input method** to select a new text input method.

Note: In number fields, such as the Phone field in Contact records, the keyboard displays a numeric keypad to make entering numbers easy.






Entering Text Using the Samsung Keyboard

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

You can enable predictive text to have the Samsung keyboard match your key touches to common words and insert them automatically, or display them for you to choose the correct word.

Entering Upper and Lower Case Letters

The default letter case is abc (lower case). The first word of each sentence is automatically capitalized.








- To enter an upper case letter, touch  **Shift**. The Shift key changes to .
- To turn on ALL CAPS, tap  twice. The Shift key changes to . Touch  to turn ALL CAPS off.

Entering Accented Letters

- To enter accented letters, touch and hold the letter key to display a popup menu. Slide your finger from the letter key to the desired accented letter and release.




Entering Symbols

There are two screens of common symbols and emoticons.

- Touch  to switch to a symbols keyboard. The  key changes to  to indicate **Symbols** screen 1 of 2.
- To enter additional symbols, touch . The  key changes to  to indicate **Symbols** screen 2 of 2.
- Touch  to return to the letters keyboard.

Configuring Samsung Keypad




Configure the Samsung keyboard to your preferences.

- Touch  **Apps** →  **Settings** → **Language and input**, then touch  **Settings** next to Samsung keyboard. For more information, see “*Samsung Keyboard*” on page 91.


Using Predictive Text

You can enable predictive text to have the Samsung keyboard match your key touches to common words and insert them automatically, or display them for you to choose the correct word.

To enable predictive text:

- Touch  **Apps** →  **Settings** → **Language and input**, then touch  **Settings** next to Samsung keyboard.
- Touch **Predictive text** to enable. For options and settings, see “*Samsung Keyboard*” on page 91.

To use predictive text:

- As you touch keys, matching words appear at the top of the keyboard. Touch a word to insert it.
- For more matching words, touch .



To improve predictive text's word suggestions:

You can add custom words to your personal dictionary that predictive text can use when suggesting words. You can also have predictive text learn words and names you normally use from emails, messaging, and contacts. For more information, refer to “*Samsung Keyboard*” on page 91.

Using Google Voice Typing

Enter text by speaking. Google voice typing recognizes your speech and enters text for you.


To enable Google voice typing:

- Touch  **Apps** →  **Settings** → **Language and input** → **Google voice typing**. For options and settings, see “*Google Voice Typing*” on page 90.

To display a Google voice typing key on the Samsung keyboard:

- Touch  **Apps** →  **Settings** → **Language and input** → **Samsung Keyboard**. Touch  next to Samsung keyboard, then touch **Voice input**.

To use Google voice typing to enter text:



On the Samsung keyboard, touch  **Voice input**, then follow the prompts.

Using Swype




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

- Enter words by touching and holding the first letter of a word, sliding to each subsequent letter to spell out the word, then releasing the last letter.

To enable Swype:

- Touch  **Apps** →  **Settings** → **Language and input** → **Swype**. For options and settings, see “Swype” on page 92.

For an in-depth tutorial on using Swype:

1. Touch  **Apps** →  **Settings** → **Language and input**, then touch  **Settings** next to Swype.
2. Touch **How to Swype**.

Editing Text


Use the text selection tools to select text or position a cursor for inserting text, then use the editing tools in the Action bar to select, cut, copy, and paste text.

Note: Some applications do not support editing, or may offer other ways to select and modify text.

Inserting New Text


- Touch the text to display the  insertion cursor (touch and drag the cursor into position in the text if needed).

Selecting Text


- Touch and hold on the text you want to select to display the  selector cursors, then touch and drag the cursors to highlight the text you want to select.

Tip: Touch **Select all** in the Action bar to select all text in the field. Touch on another area of the screen or touch **Done** to deselect the text.

Copying or Cutting Text

1. Touch and hold on the text you want to select to display the  selector cursors, then touch and drag the cursors to highlight the text you want to cut or copy.
2. Touch **Cut** or **Copy** from the Action bar.

Pasting Copied or Cut Text


1. Touch in a text entry field to display the  insertion cursor (touch and drag the cursor into position in the text, if needed).
2. Touch **Paste** from the insertion popup menu to insert previously cut or copied text.

Note: If the Paste popup menu does not appear automatically, touch the insertion cursor to display it.

Using the Clipboard

The clipboard holds items such as text, images, or other items you've copied.

To attach an item from the clipboard:

- On the Samsung keyboard, touch , then touch an item to insert it.


– or –

Touch and hold in any field. From the insertion popup menu, touch **Clipboard**, then touch an item to insert it.

Task Manager

Your device can run applications simultaneously, with some applications running 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 check memory usage.

1. From any unlocked screen, touch and hold  **Recent apps** → **Task manager**.
2. Touch the **Active applications** tab to view applications running on your device. Touch **End** next to an application to close it, or touch **End all** to close all applications.
3. Touch the **Downloaded** tab to view downloaded applications. Touch **Uninstall** next to an application to remove it from your device. (Pre-installed applications cannot be uninstalled.)
4. Touch the **RAM manager** tab to display the amount of RAM (Random Access Memory) in use. Touch **Clear memory** to clear processes to increase available RAM.
5. Touch the **Storage** tab to display the amount of data storage free/in use on the device and SD memory card (if installed).
6. Touch the **Help** tab for additional information.

Section 3: Accounts and Contacts

Accounts

Your device provides the ability to synchronize information from a variety of accounts, including Google, a Corporate Exchange server, and email accounts. With synchronization, you can ensure that information on your device is updated with any information that changes in your accounts.



Note: For more information on setting up your email, visit the Tablet Resource Center at: verizonwireless.com/tablets.

Setting Up Accounts

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



For information about setting up email accounts, see “*Configuring Email Accounts*” on page 40.

Adding an Account

1. From the Home screen, touch  **Apps** →  **Settings**, then scroll down to **Accounts**.
2. Touch **Add account**.
3. Select an account type, then follow the prompts to enter your credentials and sign in.
4. The device communicates with the provider’s server to set up your account on the device.



Removing an Account

Important! Removing an account also deletes all of its messages, contacts and other data from the device.

1. From the Home screen, touch  **Apps** →  **Settings**, then scroll down to **Accounts**.
2. Touch an account type (such as Email) to list your account (or accounts, if you have multiple accounts).
3. Touch the account to display its settings, then touch **Remove account**.
4. Follow the prompts to remove the account.



Managing Accounts

Configure synchronization of account details, such as calendar events and contacts.

1. From the Home screen, touch  **Apps** →  **Settings**, then scroll down to **Accounts**.
2. Touch an account to display its settings. Available settings depend on the type of account.








Syncing Accounts

Syncing updates the information on your device with information from the account.

1. From the Home screen, touch  **Apps** →  **Settings**, then scroll down to **Accounts**.
2. Touch an account type (such as Email) to list your account (or accounts, if you have multiple accounts).
3. Touch **Sync all** to sync all accounts listed.
– or –
Touch an account to display its settings, then touch **Sync now**.





Contacts

Creating Contacts

1. From the Home screen, touch  **Apps** →  **Contacts** →  **Add**.
2. At the prompt, select an account for saving the contact (options depend on the accounts you have set up, and whether a memory card is installed). You can also add a new account here.
3. Touch contact fields to enter information. While entering information, use these options:
 - Touch  to **add** a field to existing information.
 - Touch  to **delete** a field.
 - Touch  to **expand** a field to add more information.
4. Touch  **Save** to save the contact.





Updating Contacts

Make changes to update an existing contact.

1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to display it, then touch  **Menu** →  **Edit**.
3. Touch contact fields to modify information. While entering information, use these controls:
 - Touch  to **add** a field to existing information.
 - Touch  to **delete** a field.
 - Touch  to **expand** a field to add more information.
4. Touch  **Save** to save the contact.




Marking Default Information

You may have many different methods for contacting a contact, such as phone numbers, email addresses, and IM names. You can set defaults, so that interactions with the contact automatically use one of these methods.





1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to display it, then touch  **Menu** → **Mark as default**.
3. Touch a field to mark it as the default.
4. Touch  **Done** to save the contact.

Contact History

View a list of all the communication you've had with a contact.







1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to display it, then touch  **Menu** → **History**.

Sending Email to Contacts

1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu** → **Send email**.
3. Touch contacts to select them, or touch **Select all**, then touch  **Done** to create an email addressed to the contacts.
4. Continue creating the email. For more information, see *"Composing and Sending Email"* on page 41.

My Profile

My Profile contains your own contact information, displayed as ME in Contacts. You can send My Profile to friends via Bluetooth, as an attachment in Email or Gmail, or to a Wi-Fi device via Wi-Fi Direct.




1. From the Home screen, touch  **Apps** →  **Contacts**.
2. In the contacts list, the first contact is **ME**. Touch **Set up profile**.
3. Touch fields to modify information. While entering information, use these controls:
 - Touch  to **add** a field to existing information.
 - Touch  to **delete** a field.
 - Touch  to **expand** a field to add more information.
 - Touch **Add another field** to create a new field for the contact.
4. Touch  **Save** to save the changes.

Sending My Profile




1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch your profile in the contacts list to display it.
3. Touch  →  **Share namecard via**, then follow the prompts to send the namecard.

Contacts Settings

Choosing Contacts to Display

1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu** → **Contacts to display** to set options:
 - Touch an account to display only contacts from that account.
 - Touch **Device** to display contacts saved to the device.
 - Touch **SIM** to display contacts saved to the SIM card.
 - Touch **Customized list** to create a custom list of multiple accounts, the SIM card, and/or the device.

Choosing How Contacts Display




1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu** → **Settings** for these options:
 - Touch **Only contact with phones** to only display contacts with a stored phone number.
 - Touch **List by** to sort contacts by first or last name.
 - Touch **Display contacts by** to show contacts by first or last name.
 - Touch **Contact sharing settings** to control the way contacts are transferred—individually, or all at once.

Joining Contacts

Your device can synchronize contacts with multiple accounts. When you synchronize contacts with your device, you may have multiple contacts for one person. When you join contacts, all the contact's information displays in one contact record.





Joining also helps you keep contacts updated, because changes in the respective accounts are made automatically when you synchronize with the account.

Joining Contacts

1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to display it, then touch in the **Connection** area of the contact record
3. Touch **Join another contact** to find contacts to join.
4. Touch a contact to join it to the original contact.
5. Touch  **Back** to return to the contact record.

Tip: If another contact has a similar name, Contacts displays it here for you to choose.

Separating Joined Contacts

1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to display it, then touch in the **Connection** area of the contact record.
3. Touch  to separate a joined contact.
4. Touch  **Back** to return to the contact record.

Importing and Exporting Contacts




To back up and restore your contact information, you can export your contact list to device memory (USB storage) or a memory card. You can import contacts (previously exported) from device memory (USB storage), a memory card, or the SIM card.

1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu** → **Import/Export**.
3. Touch an option, then follow the prompts to complete the operation:
 - **Import from USB storage**
 - **Export to USB storage**
 - **Import from SD card**
 - **Export to SD card**
 - **Share namecard via**

Sending Namecards

You can send contact namecards as vCards via Bluetooth, as an attachment in Email or Gmail, or to a Wi-Fi device via Wi-Fi Direct.







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

1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu** → **Share namecard via**.
3. Choose a sending method, then follow the prompts.





Groups

Assign contacts to Groups to make searching for contacts faster. For more information about displaying contacts by group, see “*Choosing Contacts to Display*” on page 35.

Creating a New Group


1. From the Home screen, touch  **Apps** →  **Contacts**. Under  **List** on the Action bar, touch **Groups** → .
2. Touch **Group name** and enter a name.
3. Touch **Add member** to choose contacts to add to the group.
4. Touch  **Done** to add members.
5. Touch  **Done** again to save the group.

Working with Groups




1. From the Home screen, touch  **Apps** →  **Contacts**. Under  **List** on the Action bar, touch **Groups**.
2. Touch a group to display it.
3. Touch  **Menu**, then choose an option:
 - **Search:** Enter criteria to find contacts.
 - **Delete groups:** Erase the group (not the contacts).
 - **Edit:** Change the name, or members of the group.
 - **Add member:** Add contact(s) to the group.
 - **Remove member:** Remove contact(s) from the group.
 - **Send email:** Create an email to members of the group.
 - **Change order:** Touch and drag group names to change the order they are listed on screen.

Tip: Add or remove contacts from groups when you create or edit the contact. For more information, see “*Creating Contacts*” on page 33.

Favorites

Favorites are contacts you identify with .

Marking Favorites

1. From the Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to display it, then touch the  **Star** on the contact to mark it. When marked, the star is colored; when unmarked, the star is gray.

Working with Favorites

1. From the Home screen, touch  **Apps** →  **Contacts**. Under  **List** on the Action bar, touch **Favorites**.
2. Touch a contact to display it.
3. Touch  **Menu**, then choose an option:
 - **Search:** Enter criteria to find contacts.
 - **Add to Favorites:** Select contacts to mark them as Favorites.
 - **Remove from Favorites:** Select contacts to remove from the Favorites list.
 - **Grid view/List view:** Choose how to display Favorites.

Backing Up Contacts

Backup Assistant Plus is a new service that integrates the features and capabilities of Backup Assistant, V CAST Media Manager, and Sync & Connect. Back up contacts, photos, music, documents and videos to a secure, online storage cloud. Access Backup Assistant Plus from a computer, mobile phone, tablet, netbook or Web browser. All you need is an active internet connection.

For more information, visit www.verizonwireless.com/baplus.

Note: Subject to specific terms of use. Results may vary based on backup schedule and other factors. Contact Verizon Wireless for more information.

- From the Home screen, touch  **Apps** →  **Contacts**, then touch  **Menu** → **Backup**.

Section 4: Messaging

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:

- **Email**
- **Gmail**
- **Google Talk**
- **Google+ Messenger**

Note: Messaging service availability depends on your network and service plan. Multimedia Messaging charges apply per your Calling Plan. Monthly plans are available. Higher rates apply for International Multimedia Messaging (when available). Compatible device required. Consult Verizon Wireless for more information.



Email



Send and receive email using popular email services.

Note: For more information on setting up your email, visit the Tablet Resource Center at: verizonwireless.com/tablets.




Configuring Email Accounts

Configure email for most accounts in just a few steps.

1. From the Home screen, touch  **Apps** →  **Email**.
2. For the first account, select your email provider, then follow the prompts to set up your email account.
– or –

For subsequent accounts, touch  **Menu** → **Settings** →  **Add account**, then select your email provider and follow the prompts to set up your email account.




Composing and Sending Email

1. From the Home screen, touch  **Apps** →  **Email**.
2. Select an account, then touch  **Compose**.
3. Touch fields to enter recipients, a subject, and the email text. You can also attach files, and set options for Priority and Tracking options.
4. Touch **Send** to send the message.

Managing Email




Combined View

You can view email from all accounts together in the Combined view.

1. From the Home screen, touch  **Apps** →  **Email**.
2. Under  **List** on the Action bar, touch **Combined view**.

Syncing Your Email Account





Refresh your account to update your device from the servers.

1. From the Home screen, touch  **Apps** →  **Email**.
2. Touch  **Sync** in the Action bar.

Email Account Settings

Use Account settings to configure handling of your email.

Note: Email settings differ, depending on the provider.



1. From the Home screen, touch  **Apps** →  **Email**.
2. Under  **List** on the Action bar, touch an account to view it.
3. Touch  **Menu** → **Settings**.


Gmail

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





Setting Up Your Gmail Account

The first time you launch Gmail, your device will prompt you to set up your Google account if you haven't already set it up.

1. From the Home screen, touch  **Apps** →  **Gmail**.
2. Follow the prompts to sign in, or create a new account.
3. The device communicates with the Google server to set up your account and synchronize your email.




Note: You can use more than one Google account on your device. To add another account from Gmail, touch  **Menu** → **Settings** → **ADD ACCOUNT**.

Composing and Sending Gmail

1. From the Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **New** in the Action bar.
3. Touch fields to enter recipients, a subject, and the email text.
4. Touch  **SEND** to send the message.



Syncing Your Gmail Account

Sync your account to update messages on your device.

1. From the Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **Sync** in the Action bar.

Managing Your Gmail Account

Use menu options to manage your Gmail.

1. From the Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **Menu** → **Settings**.

Talk

Chat with other Google Talk users.

For more information about Google Talk, visit:

www.google.com/talk.

Note: Google Talk requires that you have a Google account set up on your device. For more information, see “*Setting Up Accounts*” on page 31.



- From the Home screen, touch  **Apps** →  **Talk**.

Messenger

Chat with other Google+ Messenger users.

For more information about Google+ Messenger, visit:


www.google.com/mobile/+.

- From the Home screen, touch  **Apps** →  **Messenger**.

Section 5: Applications

Managing Applications

The Apps screen holds all applications installed on your wireless device. Applications that you download and install from Google Play Store or from the web are displayed under the Downloaded applications tab.

1. From the Home screen, touch  **Apps**.
2. Browse apps by sliding your finger across the screen. There are multiple app screens; just slide your finger left or right until the next screen appears. When you install new apps, additional screens are added to hold them.
3. Touch the tabs at the top of the Apps screen to display pre-installed applications, Widgets, or your downloaded applications.

Tip: You can place shortcuts to applications on the Home screen for quick access to the application. For more information, see “*App Shortcuts*” on page 23.

Downloading and Installing New Apps





Find new apps to download and install on your device using:

-  **Google Play Store**
-  **S Suggest**

Browse the app stores and follow the prompts to download and install new apps on your device.

Uninstalling Apps



You can uninstall apps you download and install. Pre-loaded apps cannot be uninstalled.

1. From the Home screen, touch  **Apps** →  **Menu** → **Uninstall**.
2. Apps that can be uninstalled show  on their icon. Touch , then follow the prompts to uninstall the app.




Customizing the Apps Screen

Configure the Apps screen to suit your preferences.

Choosing a View

1. From the Home screen, touch  **Apps**.
2. Touch , **Menu** → **View type** to choose an option:
 - **Customizable grid:** The default view, which allows you to touch and hold on apps to move them from screen to screen. To rearrange icons, drag them to a new location in the Apps screen. To move an icon between App screens, drag the icon to the edge of the screen until the next App screen displays, then release the icon.
 - **Alphabetical list:** Icons display in a list, sorted from A to Z.

Apps Screen Options

1. From the Home screen, touch  **Apps**.
2. Touch , **Menu** for options:
 - **Play Store:** Launch Google Play Store and browse for new apps to download.
 - **Edit:** Touch and hold an app icon for these options:
 - To relocate the app, drag it to a new location and release.
 -  **Create folder:** Create a new folder to contain the app.

-  **Create page:** Create a new apps screen and place the app icon on it.
 -  **App info:** View information about the app.
 -  **Uninstall** (if available): Uninstall the app. Pre-loaded apps cannot be removed.
- **Create folder:** Create a new folder to contain apps.
 - **Uninstall:** Remove an app that you downloaded from your device. Preloaded apps cannot be uninstalled.
 - **Downloaded applications:** Display all apps you've downloaded.
 - **View type:** Configure the apps screen.
 - **Share apps:** Select apps you've downloaded (not available for pre-loaded apps) to share via Backup Assistant Plus, Bluetooth, Email, Gmail, Google+, or Wi-Fi Direct.
 - **Hide applications/Show hidden applications:** Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your device.

Alarm

Set alarms for reminders, or for wake-up times.

- From the Home screen, touch  **Apps** →  **Alarm**.

AllShare Play

Use AllShare Play to share multimedia content from your device with other DLNA (Digital Living Network Alliance) certified devices.

For more information about AllShare Play, visit:







www.allshareplay.com.

For more information about DLNA-certified devices, visit:

www.dlna.org/home.



Important! AllShare Play uses your device's Wi-Fi and DLNA services. To use AllShare Play, both devices must be connected to the same Wi-Fi network, and the target device must have file sharing enabled. For more information about Wi-Fi on your device, see “*Wi-Fi*” on page 62.

Note: You must sign in to a Samsung account to use the AllShare Play application. For more information, refer to “*Your Samsung Account*” on page 10.

1. From the Home screen, touch  **Apps** →  **AllShare Play**.
2. Sign in using your Samsung account information.
3. Nearby DLNA devices on the same Wi-Fi network display, or you can touch  **Menu** → **Refresh** to scan for devices.
4. To find nearby devices, touch  **Menu** →  **Nearby devices**. Devices on the same Wi-Fi network with file sharing enabled will be listed.
5. Touch a device to view files on the nearby device.
6. Select files to download, and touch  **Download**.



Amazon Kindle

Amazon Kindle links you to more than one million eBooks available in the Kindle store. Enjoy personalized recommendations, customer reviews, and automatic syncing with other Kindle-capable devices you own.

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

Calculator



Use your device's Calculator to perform mathematical calculations.

- From the Home screen, touch  **Apps** →  **Calculator**.
 - For a standard calculator, hold the device portrait.
 - For a scientific calculator, hold the device landscape.

Calendar

Record events and appointments to manage your schedule.

Tip: A Calendar widget is available in Widgets. For more information about placing widgets on the Home screen, see “*Widgets*” on page 23.

- From the Home screen, touch  **Apps** →  **Calendar**.

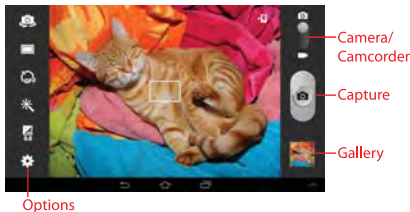
Camera

Take pictures and record video with your device's built in Camera.

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.







Taking Pictures


1. From the Home screen, touch  **Camera**.



2. Configure options, if desired. For more information, see *"Picture Options"* on page 48.
3. Using the display as a viewfinder, compose your picture by aiming the camera at the subject. Rotate the device to any position; the screen controls rotate to make picture-taking easy.
4. To take the picture, touch **Capture**.

Picture Options

1. From the Home screen, touch  **Camera**.
2. Use these options to configure the camera:
 -  **Self-portrait**: Switch between the back camera and the front camera, for self-portraits.
 -  **Shooting mode**: Choose an automatic shooting mode. Some modes are not available for self-portraits.
 - **Single shot**: Take a single photo.
 - **Panorama**: Touch the camera button to take a picture, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.
 - **Share shot**: Share photos with other users via Wi-Fi Direct.
 - **Smile shot**: Touch the camera button to focus on the subject's face. If a smile is detected, the picture is taken automatically.
 -  **Timer**: Set a delay to wait between touching the Camera button and taking a picture.
 -  **Effects**: Apply an effect to pictures.
 -  **White balance**: Choose a setting for the light source.



-  **Settings**
 - **Edit shortcuts:** Choose shortcuts to appear on the toolbar. Touch and drag shortcuts between the toolbar and the list.
 - **Self-portrait:** When On, the Camera takes pictures with the front Camera.
 - **Shooting mode:** Choose the default mode for taking pictures.
 - **Effects:** Set the default effect to apply to pictures.
 - **Scene mode:** Choose a mode to match the kind of pictures you're taking.
 - **Exposure value:** Set the default brightness level.
 - **Timer:** Set a delay to wait between touching the Camera button and taking a picture.
 - **Resolution:** Choose a size for the pictures.
 - **White balance:** Choose a setting for the light source.
 - **Metering:** Select a method for measuring light.

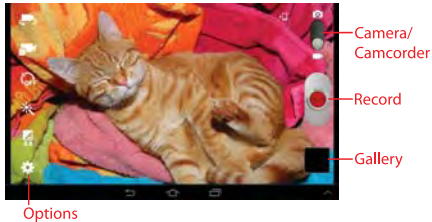
- **Guidelines:** Enable or disable an on-screen grid to aid in photo composition.
- **GPS Tag:** Add GPS location information to photo details.
- **Storage:** Set the default location for saving new pictures.
- **Reset:** Set all Camera settings to the defaults.

Recording Videos

Use the Camcorder to record video.

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.







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



2. Configure options, if desired. For more information, see “*Video Options*” on page 50.
3. Using the display as a viewfinder, compose your shot by aiming the camera at the subject. You can rotate the device to any position, and the screen controls rotate to make recording easy.
4. To start recording, touch **Record**.
5. To stop recording, touch **Record** again.

Video Options






Configure the camcorder.

1. From the Home screen, touch **Camera** →  **Camera/Camcorder**.
2. Use these options to configure the camera:
 -  **Self recording**: Record video with the front lens.
 -  **Recording mode**: Choose a recording mode, from:
 - **Normal**: Record a video of any length.
 - **Limit for email**: Restrict the length of the video so it can be sent as a message attachment.
 -  **Timer**: Set a delay to wait between touching Record button and starting recording.
 -  **Effects**: Apply an effect to videos.
 -  **White balance**: Choose a setting for the light source.

- **Settings:**
 - **Edit shortcuts:** Choose shortcuts to appear on the toolbar. Touch and drag shortcuts between the toolbar and the list.
 - **Self-recording:** When On, the Camera records with the front Camera.
 - **Recording mode:** Choose the default recording mode.
 - **Effects:** Apply an effect to pictures.
 - **Exposure value:** Set the default brightness level.
 - **Timer:** Set a delay to wait between touching the Record button and starting recording.
 - **Resolution:** Choose a size for the image.
 - **White balance:** Choose a setting for the light source.
 - **Guidelines:** Enable or disable an on-screen grid to aid in photo composition.
 - **Storage:** Choose the default save location for videos, if an optional memory card is installed.
 - **Reset:** Set all settings to the defaults.

Gallery

After taking a picture or recording video, review it in Gallery, and use options to modify or share it.



1. From the Home screen, touch  **Camera**.
2. Touch the thumbnail of the last picture or video you captured, at the bottom right of the camera screen, to launch **Gallery**. Use these options:
 - For pictures, “pinch” or “stretch” the screen to zoom in or out, or double-tap to zoom all the way in or out. When zoomed in, touch and drag your finger on the screen to move the picture around on the screen.
 - Touch  **Camera** to return to the Camera app.
 - Touch  **Share** to share or back up the picture or video.
 - Touch  **Slideshow** to photos as a slideshow.
 - Touch  **Delete** to delete the picture or video.

- Touch , **Menu** for options (some options are not available for videos):
 - **Face tag:** Turns the photo's face recognition tag On or Off.
 - **Copy to clipboard:** Copy the current photo to the clipboard.
 - **Rotate left:** Rotate the photo 90° to the left.
 - **Rotate right:** Rotate the photo 90° to the right.
 - **Crop:** Allows you to crop the image.
 - **Edit:** Use Photo Editor or Video Editor to edit your photo or video.
 - **Set as:** Assign the photo as a Contact photo, or as wallpaper for the Home screen and Lock Screen.
 - **Buddy photo share:** Share the photo directly with friends who have been face tagged.
 - **Print:** Print the photo to a Samsung printer.
 - **Rename:** Enter an new file name.
 - **Scan for nearby devices:** Share the photo directly with nearby devices.
 - **Details:** View information about the photo.

Contacts



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

For more information, see “*Contacts*” on page 33.

- From the Home screen, touch  **Apps** →  **Contacts**.

Downloads



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

- From the Home screen, touch  **Apps** →  **Downloads**.

Email

Send and receive email using popular email services.


For more information, see “*Email*” on page 40.

- From the Home screen, touch  **Apps** →  **Email**.

Gallery

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



For more information, refer to “*Gallery*” on page 51.

- From the Home screen, touch  **Apps** →  **Gallery**.

Gmail



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

For more information, see “*Gmail*” on page 42.

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

Google



Search the Internet.

1. From the Home screen, touch  **Apps** →  **Google**.
2. Enter search criteria. Search results display automatically. Touch a search result to display it in a browser window.

Tip: A Google Search widget is available for your Home screen. For more information, refer to “*Adding Widgets to the Home Screen*” on page 23.



Google+

Stay connected and share life as it happens with Google+ on your device. Join a Hangout, post a photo, or see what friends are sharing while you’re on the go.

- From the Home screen, touch  **Apps** →  **Google+**.



Group Play

Group Play is an easy way to share files in real time with others who are on the same Wi-Fi network. Group Play can be used when you want to share documents, images, music, and so on.

1. From the Home screen, touch  **Apps** →  **Group Play**.
2. Touch **Start** and follow the prompts to begin sharing files with others.



Help

Get information, including videos, a user manual, and useful tips about using your device.

- From the Home screen, touch  **Apps** →  **Help**.



Internet

Your device includes a full HTML Browser, to access the internet.

- From the Home screen, touch  **Apps** →  **Internet**.

Let's Golf 3



Play the popular game on your device.

- From the Home screen, touch  **Apps** →  **Let's Golf 3**.

Local

Google Local 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.



Note: You must enable location services to this app, and some features require Standalone GPS or Google location services. For more information, see *“Location Services”* on page 83.

- From the Home screen, touch  **Apps** →  **Local**.

Maps

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

Note: You must enable location services to this app, and some features require Standalone GPS or Google location services. For more information, see *“Location Services”* on page 83.

- From the Home screen, touch  **Apps** →  **Maps**.



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 watch from the convenience of anywhere.

Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.



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

The device must be in 4G LTE or Wi-Fi coverage to download content.

- From the Home screen, touch  **Apps** →  **Media Hub**.



Memo

Create text notes, for updating your status, sharing with friends, or printing on a Samsung printer via Wi-Fi.

- From the Home screen, touch  **Apps** →  **Memo**.

Messenger



Google+ Messenger lets you chat and coordinate with any of your friends, all at the same time.

- From the Home screen, touch  **Apps** →  **Messenger**.

Mobile Hotspot



Use Mobile Hotspot to share your device's internet connection with a PC or other device via Wi-Fi.

For more information about connecting devices, see “*Mobile Hotspot*” on page 66.

- From the Home screen, touch  **Apps** →  **Mobile Hotspot**.

Monopoly



Play the popular game on your device.

- From the Home screen, touch  **Apps** →  **Monopoly**.

Music Player



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

You can listen to music from your device's built-in speakers, through a wired headset or via Bluetooth stereo headset or speakers.

- From the Home screen, touch  **Apps** →  **Music player**.

My Files



Find, view and manage files stored on your device. If the file is associated with an application on your device, you can launch the file in the application.

- From the Home screen, touch  **Apps** →  **My Files**.

My Verizon Mobile

Use My Verizon Mobile to access self-serve functionality for managing your wireless account directly from your device.



Note: You can use My Verizon Mobile free of charge. You will not incur any airtime or data charges when you use My Verizon Mobile in the national Enhanced Service Area.

- From the Home screen, touch  **Apps** →
 **My Verizon Mobile.**

Navigation

Use Google Navigation to search for locations, and get turn-by-turn directions.

Note: You must enable location services to use this app, and some features require Standalone GPS or Google location services. For more information, see “*Location Services*” on page 83.

- From the Home screen, touch  **Apps** →
 **Navigation.**

Netflix

Instantly watch TV shows and movies, streaming from Netflix.

Note: The Netflix app works as part of your Netflix membership. For more information, about membership, visit www.netflix.com.





- From the Home screen, touch  **Apps** →
 **Netflix.**



Photo Editor

Modify pictures by cropping, resizing, adjusting the color and other attributes, adding effects, and more. Share your creation with friends, or set it as a contact photo or wallpaper.

- From the Home screen, touch  **Apps** →
 **Photo Editor.**



Play Books

Discovering your favorite books and authors has never been easier. With Google Play Books, you can shop the world's largest selection of eBooks and read them anywhere you like—on a tablet, phone, e-reader, or the Web. You'll need to have a Google account set up on your device to download books.

- From the Home screen, touch  **Apps** →  **Play Books.**



Play Magazines

With Google Play Magazines, you can subscribe to your favorite magazines and have them available to read on your device at any time or any place. You'll need to have a Google account set up on your device to download magazines.

- From the Home screen, touch  **Apps** →  **Play Magazines.**



Play Movies & TV

With Google Play Movies & TV, you can rent thousands of different movies and tv shows, to watch instantly, or download for offline viewing later. You'll need to have a Google account set up on your device to download movies and tv shows.

- From the Home screen, touch  **Apps** →  **Play Movies & TV.**



Play Music

With Google Play Music, you can shop for millions of songs from your favorite artists, including hundreds of free tracks from the biggest names in Rock, Pop, Hip-Hop, and more. Add up to 20,000 songs from your personal music library free. Listen anywhere. You'll need to have a Google account set up on your device to download new music.

- From the Home screen, touch  **Apps** →  **Play Music.**



Play Store

Explore Google Play Store, where all your favorite books, movies, apps, and games are all in one place that's accessible from the Web and your Android device. You'll need to have a Google account set up on your device to download new applications.

- From the Home screen, touch  **Apps** →  **Play Store**.



Polaris Office

Read and edit documents in various formats on your device.

- From the Home screen, touch  **Apps** →  **Polaris Office**.

S Suggest



S Suggest presents recommendations for popular applications you can install on your device.

- From the Home screen, touch  **Apps** →  **S Suggest**.

Settings



Configure your device to your preferences.

For more information, see “*Settings*” on page 74.

- From the Home screen, touch  **Apps** →  **Settings**.



Setup Wizard

Follow prompts to quickly get started using your new device. Setup Wizard launches automatically the first time you turn on your device, or you can return to it any time to step through setup.

- From the Home screen, touch  **Apps** →  **Setup Wizard**.

Smart Remote

Peel Smart Remote frees you from flipping through hundreds of channels, and from scrolling through your never-ending channel listing. Peel Smart Remote suggests top picks for you based on what you like to watch, and elegantly puts them all at your fingertips.


- From the Home screen, touch  **Apps** →  **Smart Remote.**

Talk

Chat with other Google Talk users. You'll need to have a Google account set up on your device to use Talk.



For more information about Google Talk, visit:

www.google.com/talk.

- From the Home screen, touch  **Apps** →  **Talk.**



Video Editor

Video Maker lets you custom-make your own videos. You can add themes, music, pictures, and other videos to your video.

- From the Home screen, touch  **Apps** →  **Video Editor.**



Video Player

Shop for new videos, or view and manage videos that are stored on an installed memory card.

- From the Home screen, touch  **Apps** →  **Video Player.**

Voice Search



Search the Web by speaking your search criteria.

- From the Home screen, touch  **Apps** →  **Voice Search.**

VZ Navigator



Use VZ Navigator to find, share and navigate to millions of locations, avoid traffic and drive or walk with ease.

Note: Download, subscription, and airtime required for use; airtime and data usage for download only. Roaming rates may apply. VZ Navigator only available in National Enhanced Services Coverage Area; accuracy and completeness of information is not guaranteed; information about location of device will be used to deliver service. You must have VZ Navigator added to your account in order for GPS features to work.

- From the Home screen, touch  **Apps** →  **VZ Navigator.**



World Clock

View the date and time in any city.

- From the Home screen, touch  **Apps** →  **World Clock.**

YouTube

View and upload YouTube videos, right from your device.

- From the Home screen, touch  **Apps** →  **YouTube.**

Section 6: Connections

Your device includes features to connect to the internet and to other devices.

Wi-Fi




Wi-Fi is a wireless networking technology that provides access to local area networks, and to other Wi-Fi Direct devices.

Wi-Fi networks, or Access Points (WAPs) can be Open (unsecured), or Secured (requiring you to provide login credentials). Your device supports Wi-Fi 802.11 b/g/n.

By default, your device will notify you of nearby Wi-Fi networks when you launch a high data usage application. You can also configure your device to automatically connect to known Wi-Fi networks when you launch a high data usage application.

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 Wi-Fi networks.

1. From the Home screen, touch  **Apps** →  **Settings**.
2. Under **Wireless and networks**, touch **Wi-Fi**  to turn this service on or off.




Tip: To quickly access Wi-Fi settings from any screen, touch the right side of the **Status bar** to display Quick Settings, then touch **Wireless network available**.

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 the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Wi-Fi**  to turn this service on.
2. Touch **Wi-Fi** to display available networks.
3. Your device automatically scans for nearby Wi-Fi networks and displays them. Touch a Wi-Fi network to connect.
4. If the Wi-Fi network is open, you will be automatically connected. If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Wi-Fi**  to turn this service on.
2. Your device automatically scans for nearby Wi-Fi networks and displays them.
3. Below the list of networks, touch **Add Wi-Fi network**, then enter these fields:
 - **Network SSID**: Enter the name of the Wi-Fi Wireless Access Point.
 - **Security**: Select the type of security used by the WAP.
 - If Security is None, continue to set the Proxy settings (optional) and IP settings (optional).
 - If Security is WEP, WPA/WPA2 PSK, or 802.1x EAP, enter the Password and continue to set the Proxy settings (optional) and IP settings (optional).

Configuring Wi-Fi Settings


Set up and manage connections to Wi-Fi networks.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Wi-Fi**  to turn this service on.
2. Touch **Wi-Fi** to display available networks and options.
3. Configure settings:
 - **Notify me:** When enabled, your device automatically notifies you about nearby Wi-Fi networks when you launch high data usage applications.
 - **Scan:** Search for available Wi-Fi networks.
 - **Wi-Fi Direct:** Enables Wi-Fi Direct. For more information, refer to “*Wi-Fi Direct*” on page 65.
 - **Add Wi-Fi network:** Enter the Network SSID and security credentials for a new Wi-Fi network.
4. Touch , **Menu** to configure these options:
 - **Advanced:**
 - **Auto-connect:** When enabled, your device will automatically connect to known Wi-Fi networks when you launch a high-data-usage application, even if Wi-Fi is turned off when you launch the application.




- **Keep Wi-Fi on during sleep:** Specify whether to automatically turn off Wi-Fi when the backlight goes out and the device locks. This setting can affect the behavior of devices you connect to your device, such as when tethering or using your device as a mobile hotspot.
- **Check for Internet service:** When enabled, your device will check for Wi-Fi Internet service when connected to a Wi-Fi access point.
- **MAC address:** View your device's unique identifier, used when connecting to Wi-Fi, or when other devices connect to your device via Wi-Fi (not configurable).
- **IP address:** View your device's IP (Internet Protocol) address (not configurable).
- **Manage networks:** Touch each connected Wi-Fi networks to view and edit settings.
- **WPS push button:** Set up WPS on your router.
- **WPS PIN entry:** Display the WPS PIN for setting up your router.

Wi-Fi Direct




Wi-Fi Direct is a standard that allows devices to connect to each other directly via Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection. This type of connection is commonly called peer-to-peer.

For example, your device can use Wi-Fi Direct to share photos, contacts and other content with other Wi-Fi Direct devices. Many of the apps on your device provide options for sharing via Wi-Fi Direct under , **Menu**.

Turning Wi-Fi Direct On or Off

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Wi-Fi**  to turn this service on.
2. Touch **Wi-Fi**, then touch **Wi-F Direct** on the Action bar.

Connecting to Wi-Fi Direct Devices

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Wi-Fi**  to turn this service on.
2. Touch **Wi-Fi**, then touch **Wi-F Direct** on the Action bar. Wi-Fi Direct is now enabled.
3. Enable Wi-Fi Direct on the other device(s). Consult the other device's documentation for more information.
4. On your device, touch **Scan** on the Action bar to discover other Wi-Fi Direct device.
5. In list of available devices, touch a device to connect with it, or touch **Multi-connect** to connect to multiple devices (not all devices support multi-connect).
6. Follow the prompts on both devices to complete the connection.

Mobile Hotspot

Use the Mobile Hotspot feature to share your device's internet connection with a PC or other device via Wi-Fi.


Using Mobile Hotspot may require a subscription to Mobile Hotspot/Mobile Broadband Connect service. For more information contact Verizon Wireless.

Note: Using your device as a mobile hotspot consumes battery power and increases your data usage. Roaming while using your device as a mobile hotspot will incur extra data charges.

Tip: By default, your device's mobile hotspot has no security applied, and any device can connect. For more information about configuring your mobile hotspot, see "*Configuring Mobile Hotspot Settings*" on page 67.

Activating Mobile Hotspot

Activate your device's Mobile Hotspot to allow other devices to use your device's internet connection.

1. From the Home screen, touch  **Apps** →

 **Mobile Hotspot.**


– or –

From the Home screen, touch  **Apps** →  **Settings.**

Under **Wireless and networks**, touch **More settings** →

Mobile Hotspot.

Then touch **Mobile Hotspot**  to turn this service on.






2. Your device establishes a connection to the network for the mobile hotspot.
3. Activate Wi-Fi on your PC or other device, then follow the prompts on your devices to connect.
4. When you are finished using Mobile hotspot, touch **Mobile Hotspot**  to turn the service off.

Connecting a Device via Mobile Hotspot

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

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **Mobile Hotspot**.
2. Touch **Mobile Hotspot**  to turn this service on.
3. Activate Wi-Fi on the other device, using the device's Wi-Fi control.
4. Let the other device scan for Wi-Fi hotspots, and select your device from the list. To find your device's name, see *"Configuring Mobile Hotspot Settings"* on page 67.
5. At the prompt, enter your device's Mobile Hotspot password, if you have security enabled. For more information, see *"Configuring Mobile Hotspot Settings"* on page 67.

Allowed Device List

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **Mobile Hotspot**.
2. Touch  **Allowed devices** for options:
 - Touch  **Delete**, then select devices to remove from the list.
 - Touch  **Add**, then enter a new device's details.

Configuring Mobile Hotspot Settings

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **Mobile Hotspot**.
2. Touch  **Configure** to configure your Mobile Hotspot's details, including:
 - **Network SSID**: View and edit your device's name, used by other devices when connecting to your mobile hotspot.
 - **Hide my device**: When enabled, your device does not appear in other device's scans for Wi-Fi access points. To connect to your device, other devices must be in your Allowed device list, and must know your device's Network SSID and Password (if security is enabled).




- **Security:** Choose a security level.
 - **Password:** If you chose a Security level, enter a password for other devices to use when accessing your mobile hotspot.
 - **Show password:** Touch to enable display of your password in the Password field. When disabled, the password is not shown.
 - **Show advanced options:** Depending on the Security level you chose, set options for accessing your mobile hotspot.
 - **Broadcast Channel:** Choose Auto to have the device automatically choose a channel for broadcasting, or choose a channel.
3. Touch  **Menu** for options:
- **Timeout settings:** Choose a time period, to automatically turn off your mobile hotspot if there is no connection for the time period.

Bluetooth

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

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





Turning Bluetooth On or Off

1. From the Home screen, touch  **Apps** →  **Settings**.
2. Under **Wireless and networks**, touch **More settings**. Then touch **Bluetooth**  to turn this service on or off.

Pairing with a Bluetooth Device






Search for a Bluetooth device and pair with it, to exchange information between your device and the target device. After pairing, your device and the target device will recognize each other and exchange information without a passcode or PIN.

Note: When paired, the  **Bluetooth paired** icon displays in the System bar. If you receive a new request for pairing while paired with a Bluetooth headset, a new Bluetooth icon appears in the System bar.

1. From the Home screen, touch  **Apps** →  **Settings**.
2. Under **Wireless and networks**, touch **More settings**. Then touch **Bluetooth**  to turn this service on.
3. Activate the target device's discoverable mode.
4. Touch **Bluetooth** →  **Scan**.
5. From the list of scanned devices, touch the target device, then follow the prompts on your device and the target device to complete the pairing. If the device allows automatic or smart pairing, your device will attempt to pair with the device automatically.

Bluetooth Settings

Note: Bluetooth must be turned On to configure some settings.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings**. Then touch **Bluetooth**  to turn this service on or off.
2. Touch **Bluetooth** to display devices and options.
3. Touch a setting to configure Bluetooth:
 -  **Scan**: Touch to scan for discoverable devices. After scanning, touch a device to pair with it. For more information, see “Pairing with a Bluetooth Device” on page 69.
 -  **Menu**:
 - **Rename device**: Your device's default name displays. Touch to change the device name. Available when Bluetooth is On.
 - **Visibility timeout**: Set the length of time your device remains visible to other device's scans.
 - **Received files**: Display a list of files transferred to your device from other devices via Bluetooth.

Bluetooth Profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together. Your device supports these Bluetooth profiles:

- **Serial Port:** SPP allows a remote Bluetooth device to act as a virtual serial port.
- **Stereo/Audio/Video:** A2DP, AVRCP, GAVDP, AVCTP and AVDTP support delivery of stereo audio to compatible Bluetooth devices.
- **Object Exchange:** OPP allows sending and receiving of contact name cards (vCard 2.1), calendar events (vCalendar), and other non-DRM items between devices.
- **Human Interface Devices:** HID supports certain interface devices.
- **Personal Area Network:** PAN profile supports connections between multiple Bluetooth devices.

VPN



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

Configuring VPN Settings

Configure your device's VPN settings. For more information, see "VPN" on page 77.

Adding a VPN

Note: You must enable at least Pattern security before setting up a VPN. If you have not yet enabled security, you'll be prompted to do so the first time you launch VPN.

1. From the Home screen, touch  **Apps** →  **Settings**.
2. Under **Wireless and networks**, touch **More settings** → **VPN**.
3. Touch **Basic VPN** or **Advanced IPsec VPN** and follow the prompts to set up a connection to a VPN. Available settings depend on the type of VPN.

Tethering



The tethering features allow you to share your device's mobile data network connection with other devices via USB or Bluetooth.

Touch **Help** under Tethering to view information about tethering, and for links to more information.

Note: Using Tethering may require a subscription to Mobile Hotspot/Mobile Broadband Connect service. For more information, contact Verizon Wireless.

USB Tethering



Use USB tethering to share your device's network connection with another device that connects to your device via USB cable.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **Tethering**.
2. Connect the other device to your device via USB cable.
3. Touch **Mobile Broadband Connection** to turn USB tethering **On** or **Off**.

Bluetooth Tethering

Share your device's network connection with another device that connects to your device via Bluetooth.

Before starting, pair your computer with your tablet, then configure your computer to obtain its network connection via Bluetooth.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **Tethering**.
2. Touch **Bluetooth tethering** to turn Bluetooth tethering **On** or **Off**.

Note: Tethering consumes battery power and increases your data usage. Roaming while using tethering will incur extra data charges.



Nearby Devices

Share files with nearby devices using DLNA (Digital Living Network Alliance) standards, over Wi-Fi.

To share with nearby devices, you must connect to a Wi-Fi network. The devices you wish to share files with must also be connected to the same Wi-Fi network and must support DLNA.

Important! Use care when enabling file sharing for nearby devices. When this option is enabled, other devices can access data on your device.

Turning File Sharing On or Off

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **Nearby devices**.
2. Touch **File sharing** to turn File sharing on.

Configuring File Sharing

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **Nearby devices**.
2. Under **Advanced**, touch an option to configure:
 - **Shared contents**: Choose the type of content to share, from **Videos**, **Photos**, or **Music**.
 - **Device name**: View or modify your device's name.
 - **Allowed devices list**: View and manage devices allowed to connect to your device.
 - **Not-allowed devices list**: View and manage devices restricted from connecting to your device.
 - **Download to**: Choose a location to save downloaded content—either Device memory or SD card.
 - **Upload from other devices**: Choose how to handle incoming files from other devices, from **Always accept**, **Always ask**, or **Always reject**.

Connecting to a Computer

You can use a USB cable to connect your device to a Windows computer, and transfer music, pictures, and other files between the computer and your device. This connection uses the MTP protocol, supported by most recent versions of Windows.

When you connect your device to the USB port on your computer, its USB storage is mounted as a drive and appears on your computer screen. You can copy files back and forth as you would using any other external device.

Note: If you are using USB tethering, you must turn that off before using USB to transfer files between your device and computer.

1. Connect your device to the computer with a USB cable. Your device recognizes the connection as the last connection method you used, and displays a connection alert in the Status bar and Quick settings.
2. Touch the Status bar to open Quick settings, then touch the alert.

3. Select a connection method:
 - **Media device (MTP):** Transfer media files with Windows, or using Android file transfer on a Mac (see www.android.com/filetransfer).
 - **Camera (PTP):** Transfer photos using camera software, and transfer files to computers that do not support MTP.
4. On your computer, choose a method for accessing your device. Available options depend on the programs installed on your computer.
5. Transfer files to the device. When finished, you can disconnect the USB cable.

Note: When you connect your device to a computer via USB cable, the data connection takes precedence over charging, and the device will only charge when it is turned off.




Section 7: Settings

Wireless and Networks

Control your device's wireless connections.

Airplane Mode

When Airplane mode is enabled, all your device's wireless connections are disabled, and you cannot make or receive calls or messages or connect to networks. While in Airplane mode, you can use other features of your device, such as playing music, watching downloaded videos, or other applications.

1. From the Home screen, touch  **Apps** →  **Settings**.
2. Under **Wireless and networks**, touch  to turn the setting on or off.

Tip: You can quickly access Airplane mode from any screen: press and hold the  **Power/Lock Key**, then touch **Airplane mode**.

Wi-Fi

Set up and manage Wireless Access Points (WAPs). Your device supports Wi-Fi 802.11 b/g/n.

For more information about using Wi-Fi, see “*Wi-Fi*” on page 62.

Wi-Fi Direct

Wi-Fi Direct allows devices to connect to each other directly via Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection.

For more information about using Wi-Fi Direct, see “*Wi-Fi Direct*” on page 65.

Bluetooth

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



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

For more information about using Bluetooth, see “Bluetooth” on page 68.

Data Usage

Control your device's connection to mobile data service, and monitor your data usage.



Turning Mobile Data On or Off

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Data usage**.
2. Touch **Mobile data** to turn this setting on or off.



Setting a Mobile Data Limit

Set a mobile data limit, to have your device automatically disable the mobile data connection when the limit is reached. You can set a warning threshold, to have your device alert you when data usage nears your set limit.




Data usage is measured by your device. Your service provider may account for usage differently, so you may want to consider using a conservative limit. Contact your service provider for more information on actual data usage.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Data usage**.
2. Touch **Limit mobile data usage** to enable the limit.
3. Touch **Alert me about data usage** to have your device alert you when data usage reaches your set limit.
4. Configure the limit by touching and dragging the limit and warning lines on the graph.

Viewing Data Usage by App or Process

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Data usage**.
2. Scroll down the page to see the top three processes or apps using mobile data service. Touch a process or app to see data usage for the process or app, and to configure specific settings.


Data Usage Options

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **Data usage**.
2. Touch  **Menu** to set options:
 - **Auto sync data**: When enabled, your device will synchronize with accounts automatically, at any time.
 - **Mobile hotspots**: Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.

Mobile Networks

Set options for roaming, networks and Access Point Names.

Important! Depending on your service plan, changes you make to Mobile networks settings may incur extra charges. Consult Verizon Wireless for more information.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **Mobile networks**.
2. Touch **Mobile data** to turn this setting on.
3. Set these options:
 - **Global Data Roaming Access**: Enable or disable connection to data services when your device is roaming on another network. For more information about roaming, see *“Roaming”* on page 10.
 - **Roaming**: View the current roaming status (not configurable).
 - **Signal strength**: View the current signal strength (not configurable).
 - **Access Point Names**: Configure wireless network access.

Mobile Hotspot

Use Mobile Hotspot to share your device's mobile data network connection with a PC or other device via Wi-Fi.

For more information about using your device as a mobile hotspot, see *"Mobile Hotspot"* on page 66.

Tethering

Use Tethering to share your device's mobile data network connection with a computer that attaches to your device by USB cable or Bluetooth.

For more information about connecting computers to your device via tethering, see *"Tethering"* on page 71.

VPN

Set up and manage Virtual Private Networks (VPNs).

For more information about using VPNs, see *"VPN"* on page 70.



Nearby Devices

Share files with nearby devices using DLNA (Digital Living Network Alliance) standards, over Wi-Fi.

For more information about file sharing, see *"Nearby Devices"* on page 72.

View Verizon Account

Launch the Browser to view information and manage your Verizon account.

- From the Home screen, touch  **Apps** →  **Settings**. Under **Wireless and networks**, touch **More settings** → **View Verizon Account**.

Device Settings



Configure device settings to your preferences.

Sound

Volume



Set default volume for music, video, games, and other media, notifications, and system volume.

Note: You can set System volume from the Home screen by pressing the **Volume Key**. Most apps allow volume setting with the Volume Key.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Sound** → **Volume**.
2. Touch and drag the sliders to set volume for:
 - **Music, video, games and other media**.
 - **Notifications**.
 - **System**.
3. Touch **OK** to save your setting.



Default Notifications

Select a default ringtone for message, alarm, and other notifications.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Sound** → **Default notifications**.
2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.



Touch Sounds

When enabled, tones play when you touch the screen to make selections.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Sound**.
2. Touch **Touch sounds** to enable or disable tones.

Screen Lock Sound



When enabled, tones play when unlocking and locking the screen.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Sound**.
2. Touch **Screen lock sound** to enable or disable tones.

Display

Wallpaper


Choose a background image for the Home and Lock screens.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Display** → **Wallpaper**.
2. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Choose a source: **Gallery**, **Live wallpapers**, or **Wallpapers**.
4. Select a picture or wallpaper, then follow the prompts to set it as the background.

Tip: You can also set wallpaper from the Home screen. Touch and hold on the Home screen, then choose options from the Home screen menu.

Brightness

Set the default screen brightness.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Display** → **Brightness**.
2. Select **Automatic brightness**, or touch and drag the **Brightness level** slider to set the brightness.
3. Touch **OK** to save the setting.


Screen Timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim, then lock).

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Display** → **Screen timeout**.
2. Touch a setting to select it.

Font Style

Set the font style for the display.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Display** → **Font style**.
2. Touch a setting to select it. Touch **Get fonts online** to browse and download new fonts.



Font Size

Set the size of fonts in the display.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Display** → **Font size**.
2. Touch a setting to select it.

Display Battery Percentage



Display the battery percentage on the Status bar.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Display**.
2. Touch **Display battery percentage** to turn this setting on.

Storage



Monitor usage for your device's internal memory, and for installed memory cards.

Device Memory



1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Storage**.
2. Under **Device memory**, view Total space and Available space, and view space used by Apps, Pictures and Videos, Audio, and Miscellaneous files.

Tip: Touch **Applications** to launch **Application manager**, for more information about applications installed on your device.

SD Card

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Device**, touch **Storage**.
2. Under **SD card**, you have these options:
 - View **Total space** and **Available space** on an installed memory card.
 - Touch **Unmount SD card** to prepare the memory card for safe removal or formatting.
 - Touch **Format SD card** to erase the memory card and prepare it for use with your device.

Backup Assistant Plus




1. From the Home screen, touch  **Apps** →  **Settings**. Under **Device**, touch **Storage**.
2. Under **Backup Assistant Plus**, view usage for your Backup Assistant Plus account.

Power Saving Mode

Set actions, including turning off services, that the device can take automatically to conserve power when battery power falls below a value you set.

Turning Power Saving Mode On or Off



Enable custom power saving mode to allow the device to automatically switch to power saving mode when battery power falls below a value you set.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Device**, touch **Power saving**.
2. Touch  to turn the setting on or off.

Note: **Power saving mode** must be **On** to access Power saving mode settings.



CPU Power Saving

When enabled, limits the maximum performance of the CPU (Central Processing Unit) to conserve power.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Device**, touch **Power saving**.
2. Touch **CPU power saving** to turn the setting on or off.



Screen Power Saving

When enabled, limits the power used by the screen, to conserve power.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Power saving**.
2. Touch **Screen power saving** to turn the setting on or off.



Power Saving Tips

View information about steps you can take to conserve battery power.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Power saving**.
- Touch **Learn about Power saving mode** for more information.

Battery

See what's using battery power.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Device**, touch **Battery**.
2. View battery usage for applications and services currently running. Touch an item for more information, or to configure options for managing power use.



Application Manager

Use Application manager to manage applications on your device. You can download and install applications from Google Play Store, Verizon Apps, or S Suggest, from other sources, or create applications using the Android SDK and install them on your device.

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 the Home screen, touch  **Apps** →  **Settings**. Under **Device**, touch **Application manager**.
2. Swipe left and right between the **Downloaded**, **Running**, or **All** columns to view and update information about applications, including memory usage, default settings and permissions. Touch an app for more information, and for app options such as stopping or uninstalling.

Running Services

View and control services running on your device.

Warning! Not all services can be stopped, and stopping services may have undesirable consequences on the application or Android System.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Device**, touch **Application manager**.
2. To stop a service, under the **Running** column, touch the service, then touch **Stop**.

Personal Settings

Configure personal settings such as security, language, backup, lock screen, and location services.

Location Services

Location services control your device's use of GPS signals.

GPS signals may be affected by your surroundings, including the following:

- Buildings
- Tunnels or underground structures
- Weather conditions
- High-voltage or electromagnetic fields
- Tinted windows

Important! Verizon Wireless values your privacy. Because of this, location services on your device are turned off by default. To use Location-Based Services, you must first enable location services on your device.

VZW Location Services

Enable or disable location service from Verizon Wireless.

Note: VZW location services must be enabled to use some applications.

Important! By selecting **VZW location services**, you are enabling Verizon Wireless and third-party authenticated and validated location-enabled services to access certain location information available through this device and/or the network.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Location services**.
2. Touch **VZW location services** to enable or disable Verizon Wireless location services.

Standalone GPS Services

Enable or disable location service from GPS satellites.

Note: Standalone GPS satellite services must be enabled to use some applications.



Important! By selecting **Standalone GPS services**, you are allowing access to all location information by any third party through web access or any software or peripheral components you chose to install, download, add or attach to the device or any other means. Enabling this functionality could pose certain risks to users of this device.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Location services**.
2. Touch **Standalone GPS services** to enable or disable GPS satellite services.

Google Location Services

Enable or disable use of location services provided by Google.

Important! By selecting **Google location services**, you are allowing Google's location service to collect anonymous location data. Some data may be stored on your device. Collection may occur even when no apps are running.



1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Location services**.
2. Touch **Google location services** to enable or disable Google location services.

Lock Screen

Choose settings for your Lock screen.

For more information about using the lock and unlock features, see *"Securing Your Device"* on page 11.





Lock Screen

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Lock screen**.
2. Touch **Lock screen** for settings:
 - **Swipe:** When this option is enabled, you unlock the device by swiping your finger across the screen. This is the default screen lock, and offers no security, but you can set special lock screen options; see *"Lock Screen Options"* on page 86.
 - **Face unlock:** When this option is enabled, you unlock the device by looking at the screen. This option offers low security, because someone who looks similar to you could unlock your device. Touch the option for more information, and to set up Face unlock.

- **Pattern:** When this option is enabled, you draw a pattern, which you create, on the screen to unlock the device. Touch the option. Follow the prompts to create or change your screen unlock pattern.
- **PIN:** When this option is enabled, you enter a numeric PIN (Personal Identification Number), which you create, to unlock the device.
- **Password:** When this option is enabled, you enter an alphanumeric password, which you create, to unlock the device.
- **None:** Disable all custom screen lock settings, to use the default swipe unlock screen.



Lock Screen Options

When the Screen lock is set to Swipe or Motion, set options for unlocking the screen.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Lock screen** → **Lock screen options**.
2. Configure these options:
 - **Shortcuts:** Touch  to control display of app shortcuts at the bottom of the lock screen. Touch **Shortcuts** to choose shortcuts to display: touch and drag a shortcut to a new position, or to the trash can to remove it, and touch **+** to select a new shortcut.
 - **Clock:** Touch the check box to control display of a digital clock on the lock screen.
 - **Dual clock:** Touch  to control display of a dual clock to show the time in two zones when you're traveling. Touch **Dual clock** to set a home city. When you have location services turned on while traveling, the dual clock will display the time in your home city and current location.
 - **Help text:** Touch the check box to control display of tips as you use the lock screen.

Owner Information

Enter text to display on the Lock screen.


1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Lock screen** → **Owner information**.
2. Touch **Show owner info on lock screen** to enable display of Owner information on the Lock screen.
3. Enter Owner information text, then touch **OK**.

Security

Encrypt Device



As a security measure, you can encrypt the contents of your device and require a password to access the contents each time you turn it on.

Encryption may take an hour or more to complete. Start with a charged battery, and attach the charger until encryption is complete. Loss of power or other interruption may cause the loss of some or all data.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Security**.
2. Touch **Encrypt device** to start encryption. Follow the prompts to complete encryption.



Encrypt External SD Card

As a security measure, you can encrypt the contents of an installed SD card, and require a password each time you access the card.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Security**.
2. Touch **Encrypt external SD card** to start encryption. Follow the prompts to complete encryption.



Set Up SIM Card Lock

As a security measure, you can choose to lock the SIM card, and require a PIN to use the device.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Security**.
2. Touch **Set up SIM card lock** for these settings:
 - **Lock SIM card**: Enable to require a PIN be entered to use the device. Set the PIN.
 - **Change SIM PIN**: Create a PIN for accessing the SIM card.

Passwords

When this option is enabled, password characters display briefly as you enter them.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Security**.
2. Touch **Make passwords visible** to enable or disable brief displays of password characters.



Device Administration

View, add or remove device administrators.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Security**.
2. Touch **Device administrators**. Touch a device administrator to configure settings.

Unknown Sources



When this option is enabled, you can install applications from sources other than Google Play Store.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Security**.
2. Touch **Unknown sources** to enable or disable the option.

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.

Trusted Credentials



You can install credentials from an installed memory card, and use the Credential storage settings to allow applications to access the secure certificates and other credentials.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Security**.
2. Touch **Trusted credentials** to view certificates you've installed.

Install from Device Storage

Install encrypted certificates from an installed memory card.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Security**.
2. Touch **Install from device storage**. Choose a certificate and follow the prompts to install.

Clear Credentials

Clear stored credentials and reset the password.

Note: This setting is only available if you have installed certificates.



1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Security**.
2. Follow the prompts to clear stored credentials and reset the password.

Language and Input

Select a language for your device's screens, and configure other input options.

Language

Set the language used by your device's screens.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Language and input** → **Language**.
2. Select a language from the list.



Personal Dictionary

Manage your personal dictionary of words, used for word suggestions and correction.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Language and input** → **Personal dictionary**.
2. Manage your word list:
 - Select **Add** to enter new words.
 - Touch a word to **Edit** the word.
 - While editing a word, touch **Delete** to remove it.

Default Method for Entering Text




Choose the default method for entering text. The device's default method is Samsung keyboard. If you install other text entry apps, you can set them as default here.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Language and input** → **Default**.
2. Select an input method.

Google Voice Typing

Configure Google voice typing. When you enable Google voice typing in Settings, it is available for text entry when you touch a text field to enter text.




For more information, see “Using Google Voice Typing” on page 27.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Language and input**.
2. Touch **Google voice typing** to enable it.
3. Touch  beside **Google voice typing** to configure options:
 - **Choose input languages:** Select languages for Google voice typing. Select **Automatic** to use the Default language exclusively, or choose other language(s).
 - **Block offensive words:** When this option is enabled, words many people find offensive are not shown in results of Google voice searches. Offensive words are replaced in results with a placeholder (#####).
 - **Download offline speech recognition:** Enables voice input while offline.


Samsung Keyboard

Configure Samsung keypad settings. When you enable Samsung keyboard in Settings, it is available for text entry when you touch a text field to enter text.

For more information, see “Entering Text Using the Samsung Keyboard” on page 26.




1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Language and input**.
2. Touch  beside **Samsung keyboard** to configure options:
 - **Input language:** Select languages for the Samsung keyboard.

Tip: When you have more than one language selected, you can slide your finger on the space bar while entering text to switch languages.

- **Predictive text:** Touch  to enable Predictive text, to have Predictive text suggest words matching your text entries and optionally, complete common words automatically. Touch **Predictive text** to configure options:
 - **Personalized data:** When this option is enabled, custom words are added to your personal dictionary that predictive text can use when suggesting words. Predictive text can automatically learn words, phrases, and names you normally use when sending emails, messaging, and adding contacts.
 - **Learn from Gmail:** Allow Predictive text learn words, phrases, and names while you are using Gmail.
 - **Learn from Facebook:** Allow Predictive text learn words, phrases, and names while you are using Facebook.
 - **Learn from Twitter:** Allow Predictive text learn words, phrases, and names while you are using Twitter.
 - **Learn from Messaging:** Allow Predictive text learn words, phrases, and names while you are using Messaging.
 - **Learn from Contacts:** Allow Predictive text learn names and words while you are adding or editing Contacts.
 - **Clear personalized data:** remove all personalized data from Predictive text.



- **T9 Trace:** When this option is enabled, you can sweep your finger over keypad letters to enter words. When you lift your finger, a word matching your sweep is entered automatically. Available when Predictive text is turned On.
- **Voice input:** When this option is enabled, the voice input key appears on the keyboard.
- **Auto capitalization:** When this option is enabled, predictive text automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
- **Auto-punctuate:** When this option is enabled, a period and space are automatically entered to end a sentence, when you tap the space bar twice.
- **Character preview:** When this option is enabled, characters available on the key you touch display briefly as you enter text.
- **Key-tap sound:** When this option is enabled, a sound plays for your key touches.
- **Tutorial:** View help for using predictive text.
- **Reset settings:** Touch to reset Samsung keyboard settings to the defaults, except for your personal dictionary and the Auto substitution list.

Swype

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Language and input**.
2. Touch **Swype** to enable it.
3. Touch  beside **Swype** to configure options:
 - **How to Swype:** Learn about using Swype.
 - **Gestures:** Learn about using Swype gestures.
 - **Preferences:** Set Swype options:
 - **Sound on keypress:** When enabled, the device plays sounds for your Swype touches.
 - **Show helpful tips:** When enabled, Swype displays helpful information as you Swype.
 - **Auto-spacing:** When enabled, Swype automatically inserts spaces between words as you complete them.
 - **Auto-capitalization:** When enabled, Swype automatically capitalizes the first word of sentences.
 - **Show complete trace:** When enabled, Swype displays the trace of each word until you start the next word.
 - **Pop-up on keypress:** When enabled, Swype displays the character above each key when typing.




- **Next word prediction:** When enabled, Swype predicts the next word based on the previous word.
- **Reset Swype's dictionary:** Delete all the words you've added to the Swype dictionary.
- **Version:** View information about Swype.
- **Language options:** Choose the current language for Swype, and download new languages.
- **Swype Connect:** Enable personalization from your accounts, and choose whether to contribute your usage data to improve predictions.
- **Personalization:** View and manage words in your Swype dictionary, used for word completion, suggestion, and spell-checking. You can also personalize Swype for use with Facebook, Twitter, and Gmail.
- **Updates:** Check for updates to Swype, and install them if desired.

Voice Search

1. From the Home screen, touch  **Apps** →  **Settings**. Under **Personal**, touch **Language and input** → **Voice search**.
2. Set options:
 - **Language:** Choose a language for voice searching.
 - **Speech output:** Always use voice search or only when using the device hands-free.
 - **Block offensive words:** When this option is enabled, words many people find offensive are not shown in results of Google voice searches. Offensive words are replaced in results with a placeholder (#####).
 - **Hotword detection:** Say Google to launch voice search.
 - **Download offline speech recognition:** Enables voice input while offline.



Text-to-Speech Output

Text-to-speech (TTS) provides audible readout of text, for example, the contents of text messages, and the Caller ID for incoming calls.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Language and input** → **Text-to-speech output**.
2. Touch a setting to configure:
 - **Preferred TTS engine**
 - Select **Google Text-to-speech Engine**, or **Samsung TTS**.
 - **General**
 - **Speech rate**: Choose a rate at which text readouts are spoken.
 - **Listen to an example**: Play a sample of speech synthesis.
 - **Driving mode**: When this option is enabled, incoming calls and new notifications are read out automatically. Touch  to enable. Touch **Driving mode** to choose items for readout when Driving mode is enabled.

Mouse/Trackpad

Customize the response of your screen swipes.



1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Language and input** → **Pointer speed**.
2. Use the slider to set the pointer speed, then press **OK**.

Back Up and Reset

Set options for backing up your information and resetting your device.



Back Up My Data

When this option is enabled, app data, Wi-Fi passwords, and other device settings are backed up to Google servers.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Back up and reset**.
2. Touch **Back up my data** to enable or disable back-up.



Backup Account

Sign in to a Google account to use for backing up settings.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Back up and reset**.
2. Touch **Backup account**. Follow the prompts to sign in to a Google account.



Automatic Restore

Use Automatic restore to have previous app settings and data automatically update from the backup when you reinstall the app.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Back up and reset**.
2. Touch **Automatic restore** to enable or disable the setting.

Factory Data Reset

Use Factory data reset to return all settings to the defaults, and remove all data from the device.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **Personal**, touch **Back up and reset**.
2. Touch **Factory data reset**. Follow the prompts.



Important! Settings and data erased in a Factory data reset cannot be recovered. To save your settings, you can use Back up my data settings before a reset.



Accounts Settings

Set up and manage accounts, including Samsung, Google, email, and your social networking accounts.

Backup Assistant Plus

Backup Assistant Plus is a new service that integrates the features and capabilities of Backup Assistant, V CAST Media Manager, and Sync & Connect. Back up contacts, photos, music, documents and videos to a secure, online storage cloud.



- From the Home screen, touch  **Apps** →  **Settings**.
Under **Accounts**, touch **Backup Assistant Plus**.

Tip: You can also launch Backup Assistant Plus from  **Contacts**. From Contacts, touch  **Menu** → **Backup**.

Add Account

Set up a Samsung account, Backup Assistant Plus - Contacts account, Email account, Facebook account, Google account, LDAP account, or Microsoft Exchange ActiveSync account.

For more information about setting up, syncing, and managing accounts, see “Accounts” on page 31.


- From the Home screen, touch  **Apps** →  **Settings**.
Under **Accounts**, touch **Add account**.

System Settings

Accessory



Configure settings for use with optional accessories (not included).

Dock

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **System**, touch **Accessory**.
2. Touch **Dock sound** to play a sound when you insert and remove the device from the dock.

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 Date and time settings.



1. From the Home screen, touch  **Apps** →  **Settings**.
Under **System**, touch **Date and time**.
2. Touch a setting to configure:
 - **Automatic date and time:** When enabled, your device receives automatic date and time updates from the wireless network.
 - **Automatic time zone:** When enabled, your device receives the time zone from the wireless network.
 - **Set date:** Enter the current date (only available when the Automatic date & time 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 date & time setting is disabled).
 - **Use 24-hour format:** Set the format for time displays.
 - **Select date format:** Set the format for date displays.

Accessibility

Accessibility refers to special features that make using the device easier for those with certain physical disabilities.

Auto-rotate Screen



When enabled, the screen's orientation changes automatically when you rotate the device.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **System**, touch **Accessibility**.
2. Touch **Auto-rotate screen** to enable or disable automatic screen rotation.

Tip: You can also set Auto-rotate from Notifications with the **Screen rotation** setting.



Screen Timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).

1. From the Home screen, touch  **Apps** →  **Settings**. Under **System**, touch **Accessibility** → **Screen timeout**.
2. Touch a setting to select it.



Speak Passwords

When this option is enabled, you can speak passwords for log-ins.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **System**, touch **Accessibility**.
2. Touch **Speak passwords** to turn the feature On or Off.




Accessibility Shortcut

Use the Accessibility shortcut to make accessibility options easily available. When the setting enabled, Accessibility appears in the Device options when you press and hold the **Power/Lock Key**, to provide easy access to these Accessibility options.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **System**, touch **Accessibility**.
2. Touch **Accessibility shortcut** to enable or disable the shortcut.

TalkBack

The TalkBack service provides spoken feedback to help blind and low-vision users. For example, it describes what you touch, select and activate.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **System**, touch **Accessibility** → **TalkBack**.
2. Touch  to enable or disable TalkBack, then touch **Settings** to configure TalkBack settings.



Font Size

Set the font size for screen displays.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **System**, touch **Accessibility** → **Font size**.
2. Select a size.



Text-To-Speech Output

Tap the Text-to-speech output field to adjust your text-to-speech settings

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **System**, touch **Accessibility** → **Text-to-speech output**.
2. Configure settings. For more information, refer to “Text-to-Speech Output” on page 94.



Enhance Web Accessibility

When this option is enabled, this service allows apps to install scripts from Google that make their Web content more accessible.

1. From the Home screen, touch  **Apps** →  **Settings**.
Under **System**, touch **Accessibility**.
2. Touch **Enhance web accessibility**. Follow the prompts to enable or disable the service.



Mono Audio

Convert all sounds to mono for use with one earphone.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **System**, touch **Accessibility**.
2. Touch **Mono audio** to have audio output in mono, for listening with one earphone.



Turn Off All Sounds

Turn all system sounds off.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **System**, touch **Accessibility**.
2. Touch **Turn off all sounds** to disable all your device's sounds.

Mobility

Configure settings related to mobility.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **System**, touch **Accessibility**.
2. Touch **Tap and hold delay** to choose the length of time the device waits before interpreting a screen touch as a touch and hold gesture.

Developer Options

Use the Developer options to set options for application development.



Warning! The Developer options are intended for development use only. They can cause errors to occur on your device and with the applications you have on it.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **System**, touch **Developer options**.
2. Touch  to turn Developer options On or Off.
3. The following options are available:
 - **Desktop backup password:** Allows you to protect your desktop with a backup password ID.
 - **Stay awake:** With the Stay awake option enabled, your screen will never sleep while you are charging the device.
 - **Protect SD card:** Requires apps to ask your permission before accessing data on your SD card.
 - **USB debugging:** Allows debugging when the device is attached to a PC by a USB cable.
 - **Allow mock locations:** Used by developers when developing location-based applications.

- **Select app to be debugged:** Allows developers to select a specific app to debug.
- **Wait for debugger:** Specified apps must have debugger attached before executing.
- **Show touches:** Displays touch interactions on the screen.
- **Show pointer location:** Highlights the data that was touched on the screen.
- **Show layout boundaries:** Displays clip bounds, margins, etc.
- **Show GPU view updates:** Flashes views inside windows when drawn with GPU.
- **Show screen updates:** Areas of the screen flash when they update.
- **Window animation scale:** Configure the scale for animation (ranges from off to 10x).
- **Transition animation scale:** Configure the scale for transitioning when using animation (ranges from off to 10x).
- **Animator duration scale:** Configure the scale for duration when using animation (ranges from off to 10x).
- **Disable hardware overlays:** Assigns the work of rerendering to the GPU.
- **Force GPU rendering:** Allows the use of 2D hardware accelerations in applications.
- **Strict mode:** Makes the screen flash when applications perform long operations on the main thread.
- **Show CPU usage:** Screen highlights the current CPU usage.
- **GPU rendering profile:** Uses a 2D acceleration in applications.
- **Enable traces:** Enables/disables on-screen tracing based on an available parameter.
- **Do not keep activities:** Destroys every activity as soon as the application is closed.
- **Limit background processes:** Sets the number of processes that can run in the background.
- **Show all ANRs:** Displays a prompt when applications running in the background are not responding.

About Device

View information about your device, including status, legal information, hardware and software versions, and a tutorial.

1. From the Home screen, touch  **Apps** →  **Settings**. Under **System**, touch **About device**.
2. Touch items to view details:
 - **Software update:** Check availability and install updates.
 - **Status:** View the battery, network and other status information.
 - **Legal information:** Display open source licenses, configure license settings (including the DivX[®] VOD registration process), and view Google legal info.
 - **Model number:** Display your device's model number.
 - **Android version:** Display the firmware version of your device.
 - **Baseband version:** Display the baseband version of your device.
 - **Kernel version:** Display the kernel version of your device.
 - **Build number:** Display your device's build number.
 - **Hardware version:** Display the hardware version of your device.

Section 8: Health and Safety Information

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 mobile device.

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.

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.

[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.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

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 energy (RF) 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 wireless 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 RF 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 RF 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 SAR 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 reported 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 of the mobile device.

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 SAR limit established by the FCC. Tests for each model mobile 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 SAR 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 value for this model device as reported to the FCC is:

- Body: 1.39 W/kg

SAR information on this and other model mobile devices can be accessed online on the FCC's website through <http://transition.fcc.gov/oet/rfsafety/sar.html>. To find information that pertains to a particular model mobile device, this site uses the mobile device FCC ID number, which is usually printed somewhere on the case of the mobile device.

Once you have the FCC ID number for a particular mobile device, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular mobile device. Additional SAR information can also be obtained at <http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones>.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

Smart Practices While Driving

On the Road - Off the Tablet

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.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before using your device to chat with friends, consider your circumstances. Let the chat wait when driving conditions require. Remember, driving comes first, nothing else!

If you consider a chat necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your mobile device within easy reach;
- Chat when you are not moving;
- Plan chats when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the chat if necessary;
- Do not take notes or look up information while driving;

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.**

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your GALAXY.

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.

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 or call 1-877-278-0799.

Warning! Never dispose of batteries in a fire because they may explode.

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, please refer to the “Standard Limited Warranty”.

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, including data relating to your current location, 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

Caution! Avoid potential hearing loss.

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 you 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

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

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

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 use the ear opposite the implantable medical device to minimize the potential for interference;
- 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.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

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.
- When using a headset in dry environments, static electricity can build up in the headset and cause a small quick static electrical shock. To minimize the risk of electrostatic discharge from the headset avoid using the headset in extremely dry environments or touch a grounded unpainted metal object to discharge static electricity before inserting the headset.
- 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 installed or 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.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.
- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

Section 9: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's devices 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 Product by Purchaser.

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, dents 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, without charge to Purchaser, or at SAMSUNG's sole option, refund the purchase price.

SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace 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. This Limited Warranty is extended to the Purchaser and is not transferable or assignable to any other person or entity.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, Purchaser 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 1-800-SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

Purchaser 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 PURCHASER 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?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY. Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action.

The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The

arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are \$5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or \$50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees.

Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed \$5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

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, 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.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Precautions for Transfer and Disposal

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.

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.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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9. **THIRD-PARTY APPLICATIONS.** Certain third-party applications may be included with, or downloaded to this mobile device. SAMSUNG makes no representations whatsoever about any of these applications. Since SAMSUNG has no control over such applications, Purchaser acknowledges and agrees that SAMSUNG is not responsible for the availability of such applications and is not responsible or liable for any content, advertising, products, services, or other materials on or available from such applications. Purchaser expressly acknowledges and agrees that use of third-party applications is at Purchaser's sole risk and that the entire risk of unsatisfactory quality, performance, accuracy and effort is with Purchaser. It is up to Purchaser to take precautions to ensure that whatever Purchaser selects to use is free of such items as viruses, worms, Trojan horses,

and other items of a destructive nature. References on this mobile device to any names, marks, products, or services of any third-parties are provided solely as a convenience to Purchaser, and do not constitute or imply an endorsement, sponsorship, or recommendation of, or affiliation with the third-party or its products and services. Purchaser agrees that SAMSUNG shall not be responsible or liable, directly or indirectly, for any damage or loss caused or alleged to be caused by, or in connection with, use of or reliance on any such third-party content, products, or services available on or through any such application. Purchaser acknowledges and agrees that your use of any third-party application is governed by such third-party application provider's Terms of Use, License Agreement, Privacy Policy, or other such agreement and that any information or personal data you provide, whether knowingly or unknowingly, to such third-party application provider, will be subject to such third-party application provider's privacy policy, if such a policy exists. SAMSUNG DISCLAIMS ANY RESPONSIBILITY FOR ANY DISCLOSURE OF INFORMATION OR ANY OTHER PRACTICES OF ANY THIRD-PARTY APPLICATION PROVIDER.

10. **Disclaimer of Warranty Regarding Third-Party Applications.** SAMSUNG DOES NOT WARRANT OR MAKE ANY REPRESENTATIONS REGARDING THE AVAILABILITY, USE,

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