Samsung GALAXY Tab PORTABLE ALL DIGITAL MOBILE DEVICE

User Manual

Please read this manual before operating your tablet, and keep it for future reference.

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Section 1: Getting Started

This section explains how to start using your tablet by configuring your hardware and activating your service.

Preparing the Tablet for Use

Prior to use it is necessary to install both the SIM and the memory card into their corresponding compartments.

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, refer to "Standard Limited Warranty" on page 146.

Installing the SIM card

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

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

 Carefully slide the SIM card into the SIM card socket (as shown) until the card clicks into place. Make sure that the card's gold contacts face into the tablet and that the upperleft angled corner of the card is positioned as shown.



Note: If the card is not inserted correctly, the tablet will not detect it. If this happens, remove the card and reinstall the card in the correct orientation.

2. Carefully slide the SIM card out of the SIM card socket to remove the SIM card.

Installing the Memory Card

Your tablet supports an optional (external) microSD™ or microSDHC™ memory card for storage of media such as music, pictures, and other files. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This type of memory card is designed for use with this tablet and other devices.

Note: This device supports up to a 32 Gigabyte memory card.

Install the memory card by sliding it into the the slot until you hear a click sound.

For more information on how to use the SD card see "Using the SD Card" on page 34.

Important!: Be sure to align the gold contact pins on the card with the tablet's contacts.



Removing the Memory Card

Gently press the edge of the memory card with your thumbnail until you hear a click sound (releasing the card from the slot), then pull the memory card out of the slot.

Charging the Battery

Your tablet is powered by a rechargeable Li-ion battery. A wall charger, which is used for charging the battery, is included with your tablet. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

Before using your tablet for the first time, you must fully charge the battery. A discharged battery recharges fully in approximately 4 hours.

Caution!: Verify that the battery is installed prior to connecting the wall charger. If the battery is not installed and the wall charger is connected, the tablet power cycles continuously preventing proper operation. Failure to unplug the wall charger before you remove the battery, can cause damage to the tablet.

- Carefully slide the Outlet Connector into the Charging Head ensuring that the connection is secure.
- 2. Connect the USB cable to the Charging Head.

Note: Charge the battery only with the supplied charger. You cannot charge the battery with the PC data cable.



Insert the USB cable into the tablet's Charger/Accessory iack.



Note: This illustration displays both the correct and incorrect orientation for connecting the charger. If the charger is incorrectly connected, damage to the accessory port will occur therefore voiding the tablet's warranty.

Your touch screen responds best to a light touch from the pad of your finger. Using excessive force when pressing on the touch screen may damage the tempered glass surface and void the warranty see "Health and Safety Information" on page 129.

- Plug the charger's power plug into a standard AC wall outlet.
- When charging is finished, first unplug the charger's power plug from the AC wall outlet, then disconnect the charger's connector from the tablet.

Low Battery Indicator

When the battery level is low and only a few minutes of use time remain, the battery icon blinks and the tablet sounds a warning tone at regular intervals. In this condition, your tablet conserves its remaining battery power, by dimming the backlight.

Tip: Glance at the battery charge indictor located in the upper-right corner of your tablet's display to quickly check the battery level. A solid colod indicates a full charge. When the battery level becomes too low, the tablet automatically turns off.

Switching the tablet On or Off

 Press and hold the key until the tablet switches on.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to "Locale and Text Settlings" on page 123.

- Press and hold , until the Device options screen displays.
- Touch Power off.
- Touch OK to turn off the tablet.

Locking and Unlocking the tablet

By default, the tablet locks when the backlight turns off.

Swipe the glass on the front of the screen to the right to unlock the tablet.



Note: You can choose to configure lock settings to prevent unauthorized use of your tablet. For more information, refer to "Setting up SIM card Lock" on page 117.

Locking and Unlocking the Screen

- 1. Press to lock the touch screen.
- Press again to display the main screen, then sweet you finger across the glass to unlock the touch screen.

Power Control

Active applications, Wi-Fi, Bluetooth, GPS, Synchronization, or the LCD Brightness functionality all act to drain your battery.

The Power Control shortcut bar was designed to quickly activate (turn on), or deactivate (turn off) those functions or applications that use the most battery power.

The following is a list of helpful tips that can help conserve your battery power:

- · Reduce your backlight time.
- Turn off Bluetooth, Wi-Fi and Synchronization when not in use.
- Deactivate the GPS when it is not needed. Most applications that use this function periodically query the GPS satellites for the current location; each query drains your battery.
- Turn off Automatic application synchronization.
- Close any applications that may be running in the background (such as Music Player).

To use the Power Control shortcut bar:

- From the Home screen, touch and hold an empty area until the Add to Home screen menu displays.
- Touch Widgets → Power control. The Power Control shortcut is added to the second panel of the Home screen.
- Touch one of the icons on the Power Control shortcut bar to activate the application. A green bar displayed beneath the icon means the application was activated (turned on).

Touch one of the icons a second time to deactivate the

application. The green bar is removed from beneath the icon which means the application was deactivated (turned off).

Creating a New Google Account

You should create a GoogleTM Account when you first use your device in order to fully use the functionality.

When you start your tablet for the first time, follow these steps:

- From the Home screen, tap Applications > Gmail. The Add a Google Account screen displays.
- Tap Next to continue.
- Follow the on-screen instructions to create a Google Account.
 - or -

If this is not the first time you are starting the tablet, sign-in.

 Read the introduction and touch Begin to start the tutorial, otherwise touch Skip.

Retrieving your Google Account Password

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

- From your computer, use an Internet browser and navigate to http://google.com/accounts.
- Once the URL loads, click on the Can't access your account? link.
- From the Please select your issue section, select I forgot my password.
- Select Reset your password here, then follow the password recovery procedure.

Task Manager

Your tablet can run applications simultaneously, with some applications running in the background.

Use Task Manager to see which applications are running on your tablet, and to end running applications to extend battery life. You can also uninstall applications from your tablet as well as view memory used by applications.

Task Manager provides information about applications, including:

- Active applications: View and end running applications.
- Package: View and uninstall application packages.
- RAM manager: View RAM and Storage memory statistics. You can also manage memory from this tab.
- Summary: View memory usage.
- Help: Useful tips for extending battery life.
 - From the Home screen, touch Applications → Task Manager.
 - Touch the Active applications tab to view applications running on your tablet. Touch End to end an application, or End all to stop all running applications.
 - Touch the Package tab to view package information. Touch Uninstall to remove an application from your tablet.

- 4. Touch the RAM manager tab to view RAM memory.
- From the RAM manager tab, touch Level 1 (clears running and not running applications) or Level 2 (clears inactive and background processes), then touch Clear Memory to clear RAM.
- Touch the Summary tab for RAM and Storage memory statistics.
- Touch the Help tab for information about extending battery life.

Tip: To launch Task Manager from any screen, touch and hold **Home**, then touch Task Manager.

Section 2: Understanding Your tablet

This section outlines key features of your tablet. It also describes the tablet's keys, screen and the icons that display when the tablet is in use.

Features of Your tablet

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

- Premium 7.0" Touchscreen Tablet
- Android Froyo 2.2
- Ultra Thin, Lightweight Design
- Adobe Flash 10.1 (or higher)
- Samsung Media Hub
- 3.0 MP Rear Facing Camera and Camcorder
- . 1.3MP Front Facing Camera and Qik Video Chat
- 1.0GHz High Speed Processor
- . SWYPE text input for super fast text entry
- Access to pre-loaded and downloadable widgets and apps
- Expandable Memory up to 32GB

- · Fully integrated with Google Applications
- · ThinkFree Office for document viewing and creation
- Wi-Fi 802.11b/g/n
- Full HTML Browser with Pinch-to-Zoom
- · Social Networking Integration with Feeds and Updates
- Preloaded Games including Asphalt 5

Tablet Front View



The following list correlates to the illustrations.

- Indicator icons display information necessary for tablet operation, such as the received signal strength, battery level, unread Email, etc.
- Home screen indicator displays the number of the currently displayed Home page (1-5).
- Google Quick Search bar allows you to search the Internet.
- Primary shortcuts press to gain quick access to the Web browser, Applications, and Email.
- Menu key allows access to sub-menus and options for features and applications.
- Home key displays the main Home screen from any Home screen or menu.
- Back key displays the previously viewed screen.
- Search key displays the Google Search feature so you can search the Internet.
- Light sensor uses the ambient light level to adjust both screen brightness/contrast and keypad access.
 - In bright light conditions, the sensors cause the tablet to increase the brightness and contrast for better viewing.

- In low light/no light conditions, the sensors lock the keypad to prevent accidental key presses.
- **10. Front camera** allows you to take pictures of yourself as well as interact in the Video Chat application.

Tablet Side Views

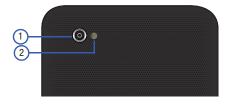


- 3.5mm Headset jack allows you to plug in an optional headset.
- Microphone used to detect voice, or audio during recording or commands.
- Power/Accessory Interface connector allows you to plug in a USB cable for charging or to sync music and files.

- Speakers used for music or video playback, notification tones, and for other sounds.
- SIM Card port allows you to insert a SIM card so you can access the network and features.
- Memory Card port allows you to install a memory card for file storage.
- Volume Keys from a Home screen, press to adjust the volume levels. During music playback, press to adjust volume.
- Power on/off and Lock key Press and hold to turn the device on or off. Press to lock the device, or to wake the screen for unlocking.

Tablet Back View

The following illustration shows the external elements of your tablet:



- 1. Camera lens is used to take photos.
- Flash provides an additional light source for pictures and videos during low-light conditions.

Tablet Display

Your tablet's display provides information about the tablet's status, and is the interface to the features of your tablet. The display indicates your connection status, signal strength, battery status and time. Icons display at the top of the tablet when a message is received and also alerts you at a specified time when an alarm was set. The screen also displays notifications, and Application (or shortcut) bar with four icons: tablet, Contacts, Messaging, and Applications.

Display settings

In this menu, you can change various settings for the for the wallpaper, cube, brightness or backlight.

From the Home screen, touch Applications → Settings → Display settings.

Status Bar

The Status Bar shows information about the connection status, signal strength, tablet battery level, and time, and displays notifications about incoming messages and other actions.

This list identifies the icons you see on your tablet's display screen:

Indicator Icons

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



Displays when there is no SIM card in the tablet.



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



Roaming: Your device is outside the home coverage area, and roaming mode is active.



Flight Mode Active: All wireless communications are disabled. See "Using Flight mode" on page 106.



Displays when connected to the EDGE network.



Displays when your tablet is communicating with the EDGE network.



Displays when connected to the 3G network.



Displays when your tablet is communicating with the 3G network



Displays when there is a system error or alert.



Battery Level: Shown fully charged.



Charging Indicator: Battery is charging. Blue bars progress and surround the interior as the battery charges.

Note: If you use a charger that is not approved by Samsung, this indicator does not display.



Charging via USB: Battery is charging via a direct USB connection to your computer.



Device Power Critical: Battery critically low. Less than 13% power remaining. Charge immediately.



USB Connected: Device is connected to a computer using a USB cable.



New Message: Displays when new text or multimedia messages are received. The number of new messages is indicated inside of the circle.



New Email Message: You have new email.



Displays when an alarm is set. For more information, refer to "Setting an Alarm" on page 104.



Silent mode: Displays when the Vibrate mode is set to Never or Only when not in silent mode, and the Sound profile is set to silent. See "Silent mode" on page 112.



Vibrate mode: Displays when the Vibrate mode is set to Always or Only in silent mode, and the Sound profile is set to silent. See "Vibration settings" on page 112.



Preparing SD Card: The microSD card is being prepared for mounting to the tablet. This is required for proper communication with the microSD card.



microSD Unmounted: Your microSD card has been disconnected (unmounted) from the tablet and is now ready for either removal or formatting.



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



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



Displays when GPS is acquiring a signal.



Displays when GPS is active.



Displays when Bluetooth is active.



Displays when a Bluetooth device is paired with the tablet.

For more details on configuring your tablet's settings, see "Changing Your Settings" on page 106.

Notification Bar

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

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





Clearing Notifications

To clear all notifications from the Notification panel:

- From the Home screen, touch the Notification Bar until the pull-down displays, then drag down vertically.
- Touch Clear.

The notifications are cleared from the panel.

Home Screen

The Home screen is the starting point for using the applications on your tablet. There are five available panels, each populated with default shortcuts or applications. You can customize each of these panels and add additional panels (up to four additional). As you transition from panel to panel, the panel counter (located at the top of the screen) displays the current panel number in a white circle.



Panel Counter

► Slide your finger horizontally to the left and right on the screen to view the panels.

Adding and Removing Home Pages

Your tablet comes with five Home screens. You can remove Home screens and then add Home screens later if you want.

To remove a Home screen, follow these steps:

- 1. Press $\triangle \rightarrow \blacksquare \rightarrow Edit$.
- Scroll to the Home screen you want to remove, then touch and hold, then drag the screen over the Remove icon (trash can) and release it.
 - As you place the screen in the trash, the Remove icon turns red.
 - If any shortcuts are on the screen you are removing, a pop-up asks you to confirm the deletion.

Note: Removing a screen does not delete it or any widgets or shortcuts on the screen. All the screens, widgets, and shortcuts are available for future use.

4. Press 👝 to return to the main Home screen.

To add a Home screen, follow these steps:

- 1. Press $\triangle \rightarrow \blacksquare \rightarrow Edit$.
- 2. Touch to add a new, empty Home screen.

A new Home screen inserts to the left.

3. Press 🔼 to return to the main Home screen.

Customizing the Home Screens

You can customize the Home screens (panels) to display the Widgets, Shortcuts, Folders, or Wallpapers that you frequently use. For example, one Home screen could contain the Media Hub application and other forms of media, while another workspace might contain communication applications such as Gmail and Email, another panel might contain Maps, Latitude, or other travel-related applications.

Primary Shortcuts

The Primary Shortcuts list provides access to three commonly used items:



Web for web viewing.



Applications for applications access.



Email for composing text and multimedia messages.

While viewing the Applications Menu, the Application shortcut changes to ${\bf Home}$, which returns you to the Main screen.

Applications

The Application menu provides quick access to the most frequently used applications. Applications display on each of the three panels on the Applications screens.

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

For information on navigating through the Applications icons, see "Navigating Through the Application Menus" on page 32.

- 1. In the Home screen, touch ## , then touch one of the application icons.
- 2. Follow the on-screen instructions.
- 3. Touch a to return to the Home screen.
- From the Home screen, touch then swipe left or right to view the available applications.

The following applications are available:



Accounts & sync

Sets up and manages accounts, including your Google accounts.

For more information, refer to "Accounts and Synchronization" on page 106.



Alarm Clock

The Alarm Clock application allows you to set an alarm to ring at a specific time.

For more information, refer to "Alarm Clock" on page 74.



AllShare

This application wirelessly synchronize your Samsung mobile tablet with your TV, streams content and even keeps tabs on who sends text messages with real-time, on-screen monitoring. Samsung's AllShare makes staying connected easy.

For more information, refer to "AllShare" on page 75.



Asphalt 5

Get behind the wheel of over 30 vehicles from prestigious manufacturers and race in 12 unique locations, with varied track surfaces, short cuts and jumps.

For more information, refer to "Asphalt 5" on page 75.



Calculator

Using this feature you can use the tablet as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator.

For more information, refer to "Calculator" on page 76.



Calendar

With the Calendar feature, you can:

- · Consult the calendar by month, week, or day.
- · Set schedules and note anniversaries.
- Create an event list.
- · Write memos to keep track of your schedule.
- · Set an alarm to act as a reminder, if necessary.
- · Check your event memory status.

For more information, refer to "Calendar" on page 103.



Camera

Use your 3.0 megapixel camera feature to produce photos in a JPEG format.

For more information, refer to "Using the Camera" on page 62.



Contacts

The default storage location for saving tablet numbers to your Contacts List is your tablet's built-in memory.

For more information, refer to "Contacts List" on page 44.



📻 Daily Briefing

With Daily Briefing you can monitor the weather, financial information, news, and your schedule from one convenient location.

For more information, refer to "Daily Briefing" on page 77.



Digital Frame

Use the Digital frame to add photos and use the Galaxy Tab as a Digital photo frame.

For more information, refer to "Digital Frame" on page 78.



Email

Email enables you to review and create email using most email services. The device alerts you when you receive an email message.

For more information, refer to "Using Email" on page 59.



Gallery

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

For more information, refer to "The Gallery" on page 69.



Gmail

Google Mail (Gmail) is a web-based email service. Gmail is configured when you first set up your tablet. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web.

For more information, refer to "Using Google Mail" on page 57.



Google Search

Google Search is a web-based search engine that uses text-based queries to search for content on web pages. For more information, refer to "Google Search" on page 80.



HotSpot Connect

Use HotSpot Connect to connect to Wi-Fi at thousands of T-Mobile HotSpot locations.

For more information, refer to "HotSpot Connections" on page 93.



Kindle

Using your 3G connection you can download books through the Kindle application with no annual contracts, monthly fees, and no hunting for hotspots.

For more information, refer to "Kindle" on page 80.



Latitude

Google Latitude allows you and your friends share locations and status messages with each other. It also lets you send instant messages and emails, and get directions to your friends' locations.

For more information, refer to "Latitude" on page 80.



Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view

For more information, refer to "Maps" on page 81.



Market

locations at the street level.

Android Market provides access to downloadable applications and games to install on your tablet. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your tablet.

For more information, refer to "Downloading a New Application" on page 90.



Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. You can rent or purchase your favorite content and watch from the convenience of anywhere.

For more information, refer to "Media Hub" on page 70.



Memo

This feature allows you to create a memo.

For more information, refer to "Memo" on page 82.



Messaging

This application allows you to use the Short Message Service (SMS) to send and receive short text messages to and from other mobile tablets.

You can also use the Multi Media Service (MMS) to create multimedia messages to send and receive from other mobile tablets.

For more information, refer to "Creating and Sending Messages" on page 54.



Music

Music Player allows you to play music files that you have stored on your microSD card. You can also create playlists.

For more information, refer to "Music Player" on page 70.



My Account

This option provides you with account specific information such as your current status, current activity, Bill Summary, Plan Services, Voicemail Settings, Find a Retail Store, and FAQ's Info.

For more information, refer to "My Account" on page 83.



My Device

Use the My Device application to configure device settings, view Tips Tricks, Ringtones, or Wallpapers, or view battery storage information.

For more information, refer to "My Device" on page 84.



My files

My Files allows you to manage your sounds, images, Bluetooth files, Android files, and other memory card data in one convenient location.

For more information, refer to "My Files" on page 84.



Navigation

Google Maps Navigation (Beta) is an internet-connected turn-by-turn, GPS navigation system with voice guidance.

Caution!: Traffic data is not real-time and directions may be wrong, dangerous, prohibited, or involve ferries.

For more information, refer to "Navigation" on page 84.



Places

Google Places displays company logos on a layer of Google Maps. When viewing an area you can quickly locate a business or person, find out more information about the business, see coupons, public responses, and more.

For more information, refer to "Places" on page 85.



Settings

This icon navigates to the sound and tablet settings for your tablet. It includes such settings as: display, security, memory, and any extra settings associated with your tablet.

For more information, refer to "Changing Your Settings" on page 106.



Slacker

Slacker offers free, internet radio for mobile phones. For more information, refer to "Slacker" on page 86.



Start Up

Activate your tablet and purchase a Prepaid Mobile Broadband pass so you can browse the Web and use data on the go using T-Mobile's network.

For more information, refer to "Start Up" on page 86.



Swype Tips

Using the SwypeTips application you can watch a video or stat a tutorial that teaches you how to use Swype most efficiently.

For more information, refer to "Swype Text Entry Tips" on page 42.



Talk

You can instant message with Google Talk. Google Talk allows you to communicate with other people who are also connected with Google Talk on the tablet or on the web.

For more information, refer to "Google Talk" on page 61.



Task Manager

Use Task Manager to see which applications are running on your tablet, and to end running applications to extend battery life.

For more information, refer to "Task Manager" on page 10.



ThinkFree Office

ThinkFree Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

For more information, refer to "ThinkFree Office" on page 87.



Video

The Video Player application plays video files stored on your microSD card.

For more information, refer to "Using the Video Player" on page 69.



Video Chat (gik)

Record and share live videos on your device with family, friends, and your favorite social networks.

For more information, refer to "Video Chat (qik)" on page 88.



Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the tablet what to search for and then the tablet activates a Google search based on what you said.

For more information, refer to "Voice Search" on page 89.



Web

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your tablet.

For more information, refer to "Web" on page 94.



World clock

This feature allows you to view the time in another part of world.

For more information, refer to "World Clock" on page 105.



YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

For more information, refer to "YouTube" on page 73.

Adding an application to the Home screen

- From the Home screen, touch and hold on an empty area until the Add to Home screen menu displays.
- Touch Widgets, Shortcuts, Folders, or Wallpapers. For more information refer to each of these procedures.

Removing an application from the Home screen

- From the Home screen, touch and hold the item you want to remove.
- Drag the application toward the bottom of the screen and release it on top of the trash can symbol.

The trash can label turns red and displays trash can icon.

Add to Home screen

Using the Add to Home feature you can add shortcuts such as Widgets, Shortcuts, Folders, or Wallpapers.

Adding a Widget

 From the Home screen, touch and hold an empty area until the Add to Home screen pop-up menu displays.

Important!: A Google account password is required for Google applications.

- 2. Touch Widgets.
- Touch one of the widgets: AccuWeather Clock, Analog clock, Calendar, Calendar clock, Daily Briefing, Feeds and Updates, Google Search, Home screen tips, Latitude, Market, Picture frame, Power control, Program Monitor, Slacker Radio. Y! Finance Clock, or YouTube.

The widget displays on one of the Home screen panels.

Adding a Shortcut

Using this feature you can add shortcuts such as applications, a bookmarked web page, contact, a direct message contact, the directions & navigation application, Email, a google Mail label, Google Latitude. or settings shortcut.

- From the Home screen, touch and hold an empty area until the Add to Home Screen pop-up menu displays.
- Touch Shortcuts.
- Select a shortcut to add to the Home screen: Applications, Bookmark, Contact, Direct message, Directions & Navigation, Latitude, or Settings.
- Touch the shortcut object.

The selected object is added to the Home screen as a shortcut.

Adding a Folder

Folders hold items that you want to organize and store together on the workspace.

- From the Home screen, touch and hold an empty area until the Add to Home Screen pop-up menu displays.
- Touch Folders to add a New folder, All contacts, Contacts with phone numbers, Received list from Bluetooth, Recent documents, or Starred contacts to the workspace.

Renaming a folder

- 1. From the Home screen, touch the folder you want to rename to open the folder.
- With the folder open, touch and hold the Folder title bar until the Rename folder pop-up displays.
- Touch the Folder name field, enter a new title for this folder, then touch OK.

Deleting a folder

- From the Home screen, touch, drag, and drop the folder you want to delete onto the Application list.
 - The Application list tab changes into a trash can symbol.

Changing the Wallpaper

- From the Home screen, touch and hold an empty area until the Add to Home Screen menu displays.
- Touch Wallpapers.
- Touch Gallery, select a folder in which the wallpaper image resides, then touch an image and touch Save.
 - or —

Touch **Live wallpapers**, touch a wallpaper image, then when the wallpaper displays, touch **Set wallpaper**.

- or -

Touch **Wallpaper gallery**, scroll through the images, touch a wallpaper image, then when the wallpaper displays, touch **Set wallpaper**.

Google Search Bar

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

- 1. From the main home screen, touch the Google Search bar .
- Use the on-screen keypad to enter the item in which to search and touch Go.
 - As you type, the device displays applications or files that match what you typed. Web search files will also display that match the search of nothing internal was found.
- 3. Touch is to view the Search settings.

Feeds and Updates

This application allows you to synchronize feeds and updates from Facebook, MySpace, and Twitter display them on your tablet.

 From the Home screen, sweep the screen to panel 4. The Feeds and Updates screen displays.



Important!: To synchronize feeds and updates you must sign in to the social networks in which you want to synchronize.

- Tap the Tap here to add account field.
- Select the Social networks you want to add to your Feeds and Updates. Select from: Facebook, MySpace, or Twitter.

Note: You must log-in to the social network you want to add.

The Feeds and Updates screen updates with the latest feeds and updates from your social network.

Menu Navigation

You can tailor the tablet's range of functions to fit your needs using both menus and applications. Menus, sub-menus, and features are accessed by scrolling through the available on-screen menus. Your tablet defaults with seven home screens.

Home Screen Overview

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

Navigating Through the Home Screens

Your tablet defaults with seven Home screens. You can customize and place different applications on each of the home screens.

 From the main Home screen, sweep the screen left or right with your finger. The main Home Screen is located in the middle with three Home screens on either side.





Navigating Through the Application Menus

There are three Application Menus available. Follow these steps to navigate through the Application Menus:

- At the Home screen, touch . The first Application Menu displays.
- 2. Sweep the screen to access the other two menus.
- 3. Touch one of the application icons.



Navigating Using Sub-Menus

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

To access a sub-menu:

- 1. Press 🖃 .
 - A sub-menu displays at the bottom of the tablet screen.
- 2. Touch an option.



Accessing Recently-Used Applications

- Touch and hold the key from any screen to open the recently-used applications window.
- A pop-up displays the eight most recently used applications.
- Touch the application to open.

Navigation

Using the touch screen display and the keys, you can navigate the features of your tablet and enter characters. The following conventions are used in this manual to describe the navigation action in the procedures.

Press or Press and Hold

Press tablet keys and buttons to select or activate an item. For example: press the Navigation key to scroll through a menu.

Some buttons and keys require you to press and hold them to activate a feature, for example, you press the Lock key to lock and unlock the tablet

Touch or Touch and Hold

Use a brief touch to select items on the display or to enter text on the virtual QWERTY keyboard. For example: touch an Application icon to open the application.

Touch and hold an icon or key to open the available options, or to access a pop-up menu. For example: press and hold from the Home screen to access a menu of customization options.

Scrolling

Scroll refers to navigating through lists or menus. You can scroll by sliding.

Swiping

Swiping means to quickly drag your finger vertically or horizontally on the screen to move the area of focus or to scroll through a list. For example: slide your finger left or right on the Home screen to scroll among the seven panels.

Rotating the screen

The screen can be rotated to change the orientation from portrait (default) to landscape. For example: rotate to landscape orientation when entering text, to provide a larger keyboard, or when viewing web content to minimize scrolling.

Section 3: Memory Card

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

Using the SD Card

There are several methods for using the SD card:

- Connecting to your PC to store files (such as pictures, music, videos, or other types of files and media).
- To activate the camera, video, music player, and other dependant media or applications.

Important!: The Camera, Music Player, and Video functionality is all dependant on a mounted SD card. Your device can support SDHC cards up to 32GB capacity.

SD card Overview

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

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

Mounting the SD Card

To store photos, music, videos, and other applications. You must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

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

To mount the SD card:

 Insert the SD card into the external, SD card slot (For more information, refer to "Installing the Memory Card" on page 5.)

Your device scans the SD card to view the available information

Unmounting the SD card

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

- From the Home screen, touch → Settings → SD card and tablet storage.
- 2. Touch Unmount SD card.
- 3. When the "External SD card safe to remove" message displays, open the tablet and remove the SD card. For more information, refer to "Removing the Memory Card" on page 5.

SD card Memory Status

To view the memory allocation for your external SD card:

From the Home screen, touch → Settings → SD card and tablet storage.

The available memory displays under the Total space and Available space headings.

Erasing Files from the SD card

You can erase files from the SD card using the tablet.

- I. Ensure the SD card is mounted. For more information, refer to "Mounting the SD Card" on page 34.
- From the Home screen, touch → Settings → SD card and tablet storage → Unmount SD card.
- 3. At the External SD card safe to remove prompt, tap OK.
- 4. Tap Format SD card.
- At the Format SD Card confirmation prompt, tap Format SD Card.

Warning!: Performing the next step erases all data stored on the SD card.

Tap Erase everything to format.

Factory Data Reset

From this menu you can reset your tablet and sound settings to the factory default settings.

From the Home screen, touch

→ Settings → Privacy.

Touch Factory data reset.

This action erases all data from your tablet except current system software and bundled applications, or SD card files such as music or photos.

Touch Reset Tablet

Android System Recovery

Android System Recovery is used for Google updates but the average user never needs to perform this recovery.

Note: If you entered this menu by mistake, use the Volume Up/Down keys to select reboot system now, then press the Power key and the tablet continues to boot.

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

- 1. With the tablet turned off, press the Power key and Volume Up key at the same time until the tablet switches on.
- Once the T-Mobile logo displays, release the Power key while continuing to press the Volume Up key.

Continue to press the Volume Up key for at least eight seconds, until Recovery mode launches and the Android System Recovery screen displays, then release the Volume Up key.

The following options are available:

- reboot system now: this option turns on your tablet.
- apply sdcard:update.zip: allows you to update the internal sd card.
- wipe data/factory reset: deletes all data from the tablet except captures, pictures, and videos. For more information, refer to "Factory Data Reset" on page 36.
- wipe cache partition: allows you to delete all cache data such as loa files.
- Use the Volume Up/Down keys to scroll up or down, then use the Power key to make a selection.

Safe Mode

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

- 1. Turn off the tablet.
- 2. Press and hold the power key to boot up your tablet.
- After the animation starts to display, continually tap the key until the backlight turns on behind the four bottom keys.
- Press and hold the key.
 When the Home screen displays, Safe mode displays in the lower, left corner of the screen.

Rebooting your Tablet

Press and hold the power key for at least eight second. The tablet reboots.

Section 4: Entering Text

This section describes how to select the desired text input method when entering characters into your tablet. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

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

Your tablet also provides several on-screen keypad text entry options to make the task of text entry that much easier.

Text Input Methods

There are text input methods available:

- Samsung keypad: an on-screen QWERTY keypad that can be used in both portrait and landscape orientation.
- Swype: a new way to enter text on touch screens. Instead of tapping each key, use your finger to trace over each letter of a word

The on-screen QWERTY keypad works the same in both portrait and landscape mode.

Using the Samsung QWERTY Keyboard

From a screen where you enter text, rotate your tablet clockwise or counterclockwise to a landscape orientation. The on-screen QWERTY keypad displays.



The Samsung Keyboard

This device has a built-in, QWERTY keypad (portrait mode) or keyboard (landscape mode). Using the QWERTY keypad/keyboard, you can type letter, numbers, punctuation, and other characters.

The default setting on the tablet is Swype, however, you can modify the settings to use the Samsung keypad.

To use the Samsung keypad you must first configure the settings to default to the Samsung keypad.

From the Home screen, touch → Settings → Locale and text → Select input method → Samsung keypad.



2. The keyboard is configured to default to Samsung keypad and you can being typing.

Changing the Text Input Mode

There are two main keypad layout keys that change the onscreen keys viewed on the QWERTY keypad.

The available text input modes are: Abc and Sym (symbols).

- Symbol/Numeric Mode: activates the number, symbol, and emoticon keys.
- Abc Mode: activates the default alphabetic keys. Press the Shift key to toggle between Abc, ABC, or abc.

Note: When in Abc mode, the Sym key displays. When in Sym mode, the ABC key displays.

Using Abc Mode

 Rotate the tablet counterclockwise to a landscape orientation, if desired.

The following screen displays:



Type text.

Note: After typing the first letter, the key changes to and all letters that follow are in lower case.

- Touch to input an upper-case letter, or tap twice to switch to ABC mode. All letters stay in uppercase until you tap the shift key again.
- 4. Touch | send to send the message.

Using Symbol/Numeric Mode

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

- Rotate your tablet counterclockwise to a Landscape orientation.
- 2. Touch 123 . The following screen displays:



- 3. Touch a number, symbol, or emoticon character.
- 4. Touch the 1/3 button to cycle through additional pages.
- 5. Touch ABC to return to Abc mode.

Using XT9 Predictive Text

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

- Holding the tablet in Landscape orientation, tap at the bottom of the screen. The Samsung keypad settings screen displays.
- 2. Touch the XT9 field. A checkmark indicates activation.
- Touch the XT9 advanced settings field to modify XT9 associated settings. For more information, refer to "Samsung Keypad Settings" on page 125.

Note: XT9 is only available when Abc mode is selected.

- Begin typing a word. A list of word options displays as you type. Touch one of the words to replace the typed word or tap for more word choices.
- Continue typing your message. Tape Send to send the message.

Using the Swype Keyboard

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

Enabling and Configuring SWYPE

If you configure another keyboard you must enable SWYPE again to use the SWYPE keyboard.

When SWYPE is enabled there is no normal keyboard functionality.

To enable SWYPE:

- From the Home screen, touch
 → Settings → Locale
 and text.
- Touch Select input method, then touch Swype.

SWYPE Settings

To configure Swype settings:

From the Home screen, touch
 → Settings → Locale
 and text → Swype.

- Touch one of the following Swype settings to activate the setting:
 - Language: allows you to select the current text input language.
 Default language is US English.
 - Word prediction: predicts words as you are typing.
 - Audio feedback: turns on sounds generated by the Swype application.
 - Vibrate on keypress: activates a vibration sensation as you enter text using the keypad.
 - Enable tip indicator: turns on a flashing indicator for quick help.

Swype Text Entry Tips

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

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

Advanced settings

Advanced settings provide access to Swype operation parameters.

- Auto-spacing: automatically inserts a space between words.
 When you finish a word, just lift your finger or stylus and start the next word.
- Auto-capitalization: automatically capitalizes the first letter of a sentence.
- Show complete trace: sets the length of time the word trace line remains on-screen as you swipe across the screen. Move the slider between Shorter or Longer and touch OK.
- Word choice window: sets the amount of times the word choice selection window displays on screen. Move the slider between Never or Always and touch OK.
- Speed vs. accuracy: sets how quickly Swype responds to on-screen input. Move the slider between Fast Response (speed) or Error Tolerant (accuracy) and touch OK.

Help

This menu provides help and a tutorial to guide you through the process.

Swype help: displays Swype Help information.

Tutorial: provides an on-screen tutorial.

About

The about menu provides the current software version for the Swype application.

Section 5: Contacts

Accounts

From the Accounts menu you decide if you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

- 1. Sign in to your Google account.
- From the Home screen, touch → Accounts & sync.
- 3. From the General sync settings section, touch one of the following options:
 - Background data: allows your tablet to use data in the background.
 - Auto-sync: automatically synchronizes your data with the tablet.
- From the Manage accounts area, tap next to the account you want to synchronize with your tablet.
- 5. Tap Add account to create a new account.
- 6. Tap an account type to add.
- **7.** Follow the on-screen instructions. The selected account type synchronizes with your Contacts list.

Contacts List

This section explains how to use and manage your Contacts List. You can save tablet numbers to your tablet's memory.

Creating a Contact

The default storage location for saving tablet numbers to your Contacts List is your tablet's built-in memory.

Note: Before you can save a contact to the tablet, Contact settings must be set to Save new contacts to tablet.

Note: When storing an entry into your SIM card, note that only the Name, and Number are saved. To save additional information for a particular contact, such as notes, email, dates, etc., it is important to save that Contact into your tablet's onboard memory.

- 1. From the Home screen, touch
- → 1
- Touch to create a contact.
- Select the location in which to save the contact. Choices are: Tablet, or Google.
- Tap the First name and Last name fields and enter a name for this contact.

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Note: For further details about how to enter characters, see "Text Input Methods" on page 38.

- Touch the image icon and select a photo for this contact. Selections are: Album, or Take photo.
- **6.** Touch the **Mobile** button, then select one of the phone labels to represent this contacts phone number.
- Touch the Work button, select an email label, then enter and email address for this contact
- Touch Google Talk button and select an instant messaging service. Touch the text field and begin entering text to send to this contact.
- 9. Touch Groups to assign this contact to a group.
- Touch Postal address, select a label to identify what this address represents, then enter the number in the field.
- Continue and add Street, City, State, and Zip code information.
- Touch the Organization field, then select a label that describes this type of organization and enter the name of the organization in the field.

- Select More and enter a Note, Nickname, Web address, Birthday, or Anniversary for this contact.
- Touch Done when you finish entering information for this contact.

A Contact summary displays.

Finding a Contact

You can store tablet numbers and their corresponding names onto either your SIM card or tablet's built-in memory. They are physically separate but are used as a single entity, referred to as Contacts.

Depending on the storage size of the particular SIM card, the maximum number of tablet numbers the card can store may differ.

- 1. From the Home screen, touch \longrightarrow 1.
- Swipe up or down until you see the contact displayed.
 - or –

Touch the letter of the contact name on the right, then scroll through the list.

If any contacts are listed under that letter, the list of contacts associated with that letter displays. Touch the contact entry.

Editing Contact Information

From the Home screen, touch \longrightarrow \nearrow \bigcirc .



- Touch a contact name from the list.
- Touch Edit.
- Edit the contact information then touch **Done**.

Deleting Contacts

Important!: Once contact entries are deleted, they cannot be recovered.

This option allows you to delete your contacts. You can delete all your entries from your tablet's memory, your SIM card, FDN, or AII.

Important!: Once Contacts List entries are deleted, they cannot be recovered.

- From the Home screen, touch



- Touch a contact name from the list.
- Touch Delete → OK.

Marking a Contact as Default

When you use messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, when you say "John Smith", if you have three tablet records for John Smith, the application is looking for the "default" number or entry.

The Mark as default option marks one entry in a contact record to use as the default. This comes in handy when you have multiple entries for the same person (see Linked contacts).

- Touch a Contact entry.
- Press
 → More → Set default. The Mark as default screen displays radio buttons next to the contact name, tablet number, or other contact information.
- Touch the radio button next to the entry information you want to be the primary information (such as name or phone number) and touch Done.

Joining Contact Information

Most people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts (such as Facebook, Twitter, MySpace, Corporate email, Google, or T-Mobile). When you synchronize your tablet with those accounts, each account creates a separate contact entry in the Contacts list.

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

Linking contact information makes sending messages easy. You can select any account email address or information all from one screen, versus searching multiple, individual screens to locate the desired account information.

Next time you synchronize your tablet with your accounts, any updates contacts make to email account names, email addresses, etc. automatically update in your contacts list.

For more information about synchronizing accounts, see "Get Friends" on page 48.

- Touch a contact name (the name you want to link to another entry). Note: typically this is the same contact with a different name or account information.
- 3. Press
 → More → Join contact.
- 4. Touch the second contact entry (the entry in which to link). The second contact is now linked with the first and the account information is merged into one screen.

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

Touch the linked contacts to view the contact information you linked. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unjoining a Contact

- From the Home screen, touch \longrightarrow \nearrow \bigcirc .
- Touch a contact name (the account name from which you want to unlink an entry). Note: typically this is the same contact with a different name or account information.
- Touch the green handset from the Joined Contacts area.
- Touch the minus sign next to entry in which you want to unjoin. The contacts are "unjoined" and no longer display in the merged record screen.

Export/Import Contacts

Using this option you can Import contacts from the SD card or export contacts to the SD card.

- From the Home screen, touch \implies \rightarrow $\boxed{1}$.
- Press
 → Import/Export.
- Select Import from SD card, Export to SD card., Import from SIM card, or Export to SIM card.
- Select the location in which you want the contact to save.
- At the Prompt touch **OK** to confirm the Import/Export option.

Get Friends

When you synchronize applications such as Facebook, Twitter. MySpace, a corporate email account, or Google, using the Get Friends option synchronizes the data from the selected account type with your Contacts list.



- Press

 → Get friends.
- Touch Add my account.
- Determine which type of account information you want to synchronize with your Contact list. Selections are: Background data (applications that sync, send, and receive data any time), or Auto-sync (applications automatically
- synchronize). Touch Add account.
- Touch an account type to add.
- Follow the prompts. The selected account type synchronizes with your Contacts list.

 After synchronizing accounts you may want to link contact information. For more information, refer to "Joining Contact Information" on page 47.

Display Options

The Display options menu allows you to allows you to choose whether to display contacts saved from the tablet, SIM, or both. You can also choose to display only contacts that have phone numbers listed.

- 1. From the Home screen, touch \longrightarrow \bigcirc .
- Press → Display options.
- Touch Only contacts with tablet if you want only contacts with phone number entries to display.
- Touch Sort by and select First name or Last name.
- Touch Display contacts by, and select First name first, or Last name first.
- Touch Done when finished.

Contact List Settings

From this menu you can determine the order of display names, display you device's number, and view service numbers listed in your Contact list.

- . From the Home screen, touch **→** 1.
- 2. Press → More → Settings.
- 3. Select one of the following options:
 - Save new contacts to: sets the default for saving contacts. Selects are: Always ask, Tablet, or Account.
 - Service numbers: displays the list of Service Numbers assigned by your service provider. These numbers include emergency numbers, customer service numbers and directory inquiries.

Mv Profile

My Profile is automatically generated and can be updated to contain your contact information. You can send this Virtual Business Card (V-card) to other contacts as an attachment. My Profile is the first Contact listed in the Contacts list.

Note: As with any profile, your profile can be associated with a group.

- From the Home screen, touch ### →
- Press
 → More → My profile. Your profile auto-generated name and number displays.

Editing My Profile

- With My profile displayed, press

 → Edit. Your profile auto-generated name and number displays.
- Modify any of the information contained in My Profile, then touch Done.

Sending My Profile

- Touch a Contact entry.
 - Press
 → Send namecard via.
- Touch a listed contact name then touch Send.
- Touch the messaging method. Selections are: Bluetooth, Email. Gmail. or Messaging.

The selected profile attaches to the selected message type and sends when you send the message.

Touch Use by default for this action if you always want the selected method of sending to send your profile.

Sending a Message to a Contact

- From the Home screen, touch \implies \rightarrow $\boxed{1}$.
- Touch a Contact entry.
- Press
 → More → Send message.
- Touch the entry in which to send the message, then touch Send.
- Enter a message in the text field and press **Send** to send the message.

Sending an Email to a Contact

Note: Contacts must contain and email account and address before you can use the Send email feature.

- - **■** → **1**
- Press → More → Send email. Contacts that contain an email address display.
- Touch the contact to which you want to send an email. A check mark displays next to the selection.
- 4. Touch Send.

Note: You must set up a Google Account to use this feature.

- 5. Select Email.
- 6. Compose the email and touch Send.

Note: touch Use by default for this action to use the selected sending method every time you send My Profile.

Groups

Creating a New Group

- From the Home screen, touch **IIII** → **[**].
- 2. Touch the Groups tab.
- 3. Touch 🗘.
- 4. Touch the Enter group name field and use the on-screen keypad to enter a new group name then touch Done. For more information, refer to "Text Input Methods" on page 38.

Deleting a Group

- 1. From the Home screen, touch \longrightarrow \triangleright 1.
- Touch the Groups tab.
- Press → Delete groups.
- Touch a group to mark it, or touch Select all to mark all groups.
- Touch Delete to delete the group(s).

Adding and Removing Group Members

From the Home screen, touch \longrightarrow \nearrow \bigcirc .



- Touch the Groups tab.
- Touch a group entry.
- Press **→ Edit group members**.
- Touch a contact name from the left column to add a contact.
- Touch the minus sign to the right of the contact name to remove this member from the group.

Editing a Group

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

- From the Home screen, touch \Longrightarrow \nearrow \blacksquare .
- Touch the **Groups** tab.
- Touch a group entry.
- Make modifications to the **Group Name** fields. For more information, refer to "Creating a New Group" on page 51.
- Touch Done.

Sending a Message to Group Members





- Touch the **Groups** tab.
- Touch **Send**, then touch an option:
 - **Send message**: Create a new message.
 - Send email: Create a new email.
- Touch contacts to mark them as recipients for this message, then touch Send.

The new message displays, with marked contacts as recipients.

The Favorites Tab

Mark contacts with a star to identify them as Favorites.

Favorites display on the Favorites tab in Contacts, for fast viewing or messaging, and are indicated with a star in the contact record.

- 1. From the Home screen, touch **■** → **□**.
- 2. Touch the Favorites tab.

Creating Favorites

- 1. From the Home screen, touch \implies \nearrow \blacksquare .
- Touch a contact name, then touch the Star next to the contact name. The star turns orange to indicate selection and the contact lists on the Favorites tab.

Section 6: Messages

This section describes how to send or receive different types of messages. It also explains the features and functionality associated with messaging.

Types of Messages

Your tablet provides the following message types:

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

Message Icons on the Status Bar

Icons are displayed on the Status Bar at the top of the display when new messages are received. For more information, refer to "Status Bar" on page 16.

Creating and Sending Messages

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

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

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

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to "Indicator Icons" on page 16.

- 1. From the Home screen, touch **→ Messaging**.
- 2. Touch (upper, right corner).
- Tap the To field and enter recipients or touch
 - As you enter a name, phone number or email address, matching contacts appear on the screen. Touch a contact to add it to the list.
 - Touch the Contacts icon (to the right). Touch a listed contact, then touch Add.

- 4. Touch the Enter message here field and use the on-screen keypad to enter a message. For more information, refer to "Text Input Methods" on page 38.
- 5. While composing the message, press for these options:
 - Add subject: Add a subject field to the message and enter a subject. (This option also converts the message to MMS.)
 - Insert smiley: Add a text emoticon to the message.
 - Import text: Select text from Contacts, Calendar, or Memo to add to the message.
 - Brightness setting: Adjust the screen brightness.
 - Discard: Discard the message.
- **6.** Touch the **Attachment** icon to add content to the message and convert it to MMS:
 - Picture: add a picture.
 - Video: add a video.
 - Audio: add an audio file.
 - Capture picture: take a new picture.
 - Capture video: record a new video.
 - Slide: add a slide to this message, to add another picture or video.
 - Contacts: select additional contacts to add to this message.
 - Calendar: add an event to this message.

- Memo: add a memory to this message.
- 7. Review your message and touch Send.

Managing Messages

Threaded Messages Overview

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

- 2. Message threads display by contact, number, or address.

 While viewing message threads, you have these options:
 - . Touch and hold a thread to choose from:
 - View Contact / Add to contacts: View the contact record, or save the sender/recipient's information as a new contact, or to update an existing contact.
 - Delete thread: Erase the entire message thread.

Message Settings

Configure message settings.

- 1. From the Home screen, touch

 → Messaging.
- Press the → Settings to set:
 - . Storage settings:
 - Delete old messages: Touch to enable or disable automatic erasure of messages when stored messages reach default limits. When disabled, the device will prompt you to delete old messages to make room.
 - Text message limit: Touch to set a limit for the number of text messages per conversation thread.
 - Multimedia message limit: Touch to set a limit for the number of multimedia messages per conversation thread.
 - Text message (SMS) settings
 - Delivery reports: when this option is activated, the network informs you whether or not your message was delivered.
 - Manage SIM card messages: allows you to manage the messages stored on the SIM card.
 - Message center: allows you to enter the number of your message center where your messages reside while the system is attempting to deliver them
 - Input mode: allows you to set the input mode for your text messages.
 Choose GSM Alphabet, Unicode, or Automatic.
 - Reply path: allows the recipient of your message to send you a reply message using your message center, if your network supports this service.

- Fixed dialing numbers: allows you to manage the fixed dialing numbers.
- . Multimedia message (MMS) settings:
 - Delivery reports: when this option is activated, the network informs you whether or not your message was delivered.
 - Read reports: when this option is activated, your tablet receives a request for a read reply along with your message to the recipient.
 - Auto-retrieve: allows the message system to automatically retrieve messages.
 - Roaming auto-retrieve: allows the message system to automatically retrieve while roaming.
 - Creation mode: allows you to select the creation mode, Free, Restricted, or Warning.
 - Restricted: you can only create and submit messages with content belonging to the Core MM Content Domain.
 - Warning: the tablet will warn you via pop up messages that you are creating a multimedia message which does not fit the Core MM Content Domain.
 - Free: you may add any content to the message.

Notification settings

- Notifications: displays message notifications on your status bar.
- **Select ringtone**: sets the ringtone for your message notifications.

Using Google Mail

Google Mail (Gmail) is Google's web-based email. When you first setup the tablet, Gmail is configured. Depending on the synchronization settings, Gmail is automatically synchronized with your Gmail account.

Signing into Google Mail

1. From the Home screen, touch **Applications** \Longrightarrow **Gmail**.

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

Sign in if you have a Google account, or touch Create an account and touch OK.

The Inbox loads conversations and email.

Refreshing Google Mail

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

Composing a Gmail Message

- . From the Home screen, touch **Applications** → **Gmail**.
- Press → Compose.
- 3. Enter the recipients Email address in the To field.

Tip: Separate multiple recipient email addresses with a comma.

- Press and select Add Cc/Bcc to add a carbon or blind copy.
- 5. Enter the subject of this message in the Subject field.
- Touch the Compose Mail field and begin composing your message.
- Touch Send.

Viewing a Gmail Message

1. From the Gmail Inbox, touch a message to view.

The following options are available:

- Archive: archives the selected Email.
- **Delete**: deletes the Email.
- **2.** Press to select one of the following additional options:
 - Change labels: changes the label on the email or conversation.
 - Add/Remove star: click a message's star to add or remove the star (just like clicking flags in Outlook).
 - Mark unread: unread messages or threads with unread messages display in boldface text in the Inbox.
 - Go to Inbox: displays the Google Mail Inbox.
 - Mute: mutes the conversation.
 - More:
 - Report spam: reports the Email message as spam.
 - Select text: allows you to select and copy text and saves it to the clipboard for future use.
 - Settings: allows configuration for Gmail General and Notification settings.
 - **Help**: displays Google Mobile Help.

Gmail Account Settings

- Press → More → Settings:
 - Signature: Create a text signature to add to outgoing messages.
 - Confirm actions: Have your device prompt you to confirm Archive, Delete, and Send actions.
 - Reply all: Enable or disable Reply All as the default action when responding to messages.
 - Auto-advance: Choose a screen to show after you delete or archive a conversation.
 - Message text size: Set the size of text in message displays.
 - Batch operations: Allow changes to labels on more than one conversation.
 - Clear search history: Remove previous searches you performed.
 - Labels: Choose which labels are synchronized.
 - Notification settings:
 - Email notifications: When enabled, notifications for new email appear in the Status Bar.
 - Select ringtone: Choose a ringtone for new email notifications.
 - Vibrate: Choose vibration settings for email notifications.
 - Notify once: When enabled, a notification appears in the Status Bar for new email, not for every new message.

Using Email

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

Configuring Email Accounts

- 1. From the Home screen, touch Applications \Longrightarrow Email.
- 2. Sign-in to the email account to configure then touch Next.
- Complete the set-up by following the prompts to configure account options. If the account includes synchronization of contacts and calendars, choose whether to synchronize those features with this device.

Sending Email

- 1. From the Home screen, touch Applications \implies Email.
- Touch an account, if you have more than one account set up, touch
- Enter a recipient(s) in the To field. As you enter names or numbers, matching contacts display. Touch a contact to add the information to the field.
- Enter recipients in the optional Cc/Bcc field.
- 5. Enter a subject in the Subject field.

- 6. Enter your message in the text field, then touch Attach to add an attachment:
 - My files: Choose a file to attach.
 - Contacts: Attach contact name card(s).
 - Location: Attach your current location, or find a location on a map.
- 7. While composing the message, press for these options:
 - Save as draft: saves this message to the Drafts folder.
 - Discard: discards the message without sending.
- 8. Touch **Send** to send this message.

Managing Emails

Combined Inbox

You can view emails you receive to all accounts in the All inboxes screen, or you can view email accounts individually.

- 1. From the Home screen, touch Applications \Longrightarrow Email.
- Touch the pop-up menu at the top left of the screen to select:
 - . All inboxes: View all emails in a combined inbox.
 - < Account Name > View emails for the account.

Printing Emails

You can print emails via Wi-Fi on a supported, Wi-Fi-enabled printer.

- 2. Open an email to view it.
- 3. While viewing the email, press
 → Print.
- If you are already connected to Wi-Fi, your device displays available printers. Touch a printer to proceed.
 - or -

At the prompt, touch **0K**, then connect to a Wi-Fi network. After connecting, your device displays available printers. Touch a printer to proceed.

5. Follow the prompts to print the email.

Account Settings

These settings configure the way email is handled on your device.

- I. From the Home screen, touch **Applications** \Longrightarrow **Email**.
- Press → Account manager, then touch an account for these options:
 - · General settings:
 - Account name: Enter a name to identify this account.
 - Your name: Enter your name, to appear on emails from this account.
 - Signature: Enter a signature to add to emails from this account.
 - Amount to synchronize: synchronizes the account for One day, Three days, One week, Two weeks, or One month.
 - Email check frequency: indicate the frequency at which you want the server to check for new email. Choices are: Automatic (Push), Never, Every 5 minutes, Every 10 minutes, Every 15 minutes, Every 30 minutes, or Every hour.
 - Default account: When enabled, email from your device is automatically sent from this account.
 - Always Cc/Bcc myself: When enabled, your email address is copied on all emails you send.
 - · Notification settings:
 - Email notifications: When enabled, the New Email icon appears in the Status Bar when a new email arrives.

- Select ringtone: Choose a ringtone for email notifications for this account.
- Vibrate: When enabled, email notifications for this accounts are accompanied by vibration.

Server settings:

- Incoming settings: Configure server settings.
- Sync contacts: When enabled, contacts from your account are synchronized with your device's Contacts.
- Sync calendar: When enabled, events from your account are synchronized with your device's Calendar.

· Common settings:

- Forward with files: Enable or disable forwarding of file attachments.

Google Talk

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

- From the Home screen, touch Applications →
 Talk.
- Press Next to set up a Google account or to Sign in.
- 3. Touch Create to create a new Google account.
 - or –

Touch Sign in if you have an existing Google account.

- Press the **Down** Navigation key after entering your user name and password.
- 5. Touch Sign in.
- 6. Begin using Google Talk.

Section 7: Multimedia

This section explains how to use the multimedia features of your tablet, including the Camera, Music Player, and how to manage your photos, images and sounds.

This section explains how to use the camera on your tablet. You can take photographs using the built-in camera functionality. Your 5 megapixel camera produces photos in JPEG format.

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

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

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

Using the Camera

Taking Photos

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

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

- Using the tablet's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
- Before you take a picture, tap on-screen icons to access the camera options and settings.

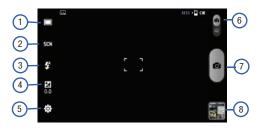
Important!: Do not take photos of people without their permission.

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

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

4. Touch the Camera key until the shutter sounds. (The picture is automatically stored within your designated storage location. If no microSD is installed, all pictures are stored on the tablet.) For more information, refer to "Camera Options" on page 63.

Note: The number of JPEG pictures remaining on the selected media appears in the upper-right of the screen. This is an approximate number of total pictures that can be taken at the current image size.



Camera Options

You can change options using your keypad in capture mode. The following short cuts are available:

Note: The options disappear after a few seconds. Touch the screen to display the tab, then touch the tab to view these options.

- 1. Shooting mode: allows you to set the following options:
 - Single shot: takes a single photo and view it before returning to the shooting mode.
 - Continuous: takes a succession of consecutive photos by pressing and holding the Camera key.

- Panorama: takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area where the second part of the panoramic picture should fall within.
- Smile shot: the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
- Self-shot: uses the front camera to take a picture of yourself.
- 2. Scene mode: sets the Scene to help take the best possible picture. Selections are:
 - None: does not add a frame.
 - Portrait: takes a single, portrait picture of a person.
 - Landscape: takes a landscape, distant scenery shot with auto focus.
 - Night: used for night shots. Keep the camera still when taking this shot.
 - Sports: takes a shot of fast-moving object such as sports scenes.
- Flash: sets the flash to Auto. On. or Off.
- Brightness: sets the brightness level. Use the slider in ranges from -2.0 (least brightness) through +2.0 (highest setting).
- 5. Settings: two types of settings are available: Image, and Setup.
 - Image tab:
 - Resolutions: select the imagine size. Selections are: 3.2M (2048x1536), ws2.4M (2048x1232), 2M (1600x1200), w1.5M (1600x960), w0.6M (1024x600), 0.4M (800x600)

- White balance: allows you to set this option from the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- Effects: allows you to change the color tone or apply special effects to the photo. Options include: Normal, Negative, Black and White, or Sepia.
- ISO: allows you to adjust the ISO sensitivity of the camera imaging sensor. Selections are: ISO Auto, ISO 100, ISO 200, or ISO 400 speed.
- Image quality: allows you to set the image quality to: Superfine, Fine. or Normal.

Setup tab:

- Review: when selected, displays the photo for review.
- GPS: when selected, GEO tags photos.
- Shutter sound: allows you to select a tone to play when the camera's shutter opens and closes. Sound selections are Sound 1, Sound 2, Sound 3, and Off.
- Storage: allows you to configure the default storage location for images or videos as to the Device (internal memory) or to the Memory card.
- Reset: resets the camera settings.
- Camera/Camcorder mode: move the slider to up position to use the Camera, or down to use the Camcorder.
- 7. Camera Key: when pressed, takes a photo.
- 8. Image viewer: tap to display a photo in full screen view.

Pictures Image Viewer Options

After you take a photo, you can access various options.

Photo options

- Share: allows you to share a picture using AllShare, Bluetooth, Gmail, Messaging, or Picasa.
- **Set as**: sets the photo as a Contact icon, or Wallpaper.
- **Delete**: deletes this photo.

Accessing Pictures

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

- From the Home screen, touch → My Files → DCIM → Camera.
- Touch and drag a picture to the left to see the next picture, or to the right to see the previous picture.

Before you select a picture, press to view the following options:

- New folder: create a new sub-folder in the current folder. The folder can reside on either the Tablet or the Memory card.
- Rename: allows you to rename one or more picture files.
- Details: displays details about the selected photo such as: Title, Type, Date taken, Album, and Location.

After selecting a picture, press 🖃 to view the following options:

- **Share**: allows you to share using Picasa, Messaging, AllShare, Bluetooth, Gmail, or Email.
- Delete: removed the selected picture.
- More:
 - Details: allows you to see picture details. Tap the button to the right of the picture to display the details.
 - Set as: sets this picture as Wallpaper, or as a Contact icon.
 - Crop: crops the photo. Touch and drag the sides of the crop box to create the crop area, then touch Save. Touch Discard to stop without cropping the picture.
 - Print: connect to Wi-Fi, then send the photo to a printer.
 - Rotate left: allows you to rotate the picture counterclockwise 90 degrees.
 - Rotate right: allows you to rotate the picture clockwise 90 degrees.

Selecting and Using the Pictures

From the Image viewer, you have access to both macro functions (zoom, crop, and rotate) and menu options. For more information, refer to "Pictures Image Viewer Options" on page 64.

Editing a Photo

- From the Home screen, touch → Files → DCIM → Camera → <image>.
- Touch Menu → More to access the following editing options:
 - **Details**: displays details about the selected photo such as: Title, Type, Date taken, Album, and Location.
 - Set as: sets the picture as Wallpaper, or a Contact icon.
 - Crop: allows you to crop the image. Touch and drag the sides of the crop box to create the crop area, then touch Save. Touch Discard to stop without cropping the picture.
 - Print: connect to Wi-Fi, then send the photo to a printer.
 - Rotate left: allows you to rotate the picture counterclockwise 90 degrees.
 - Rotate right: allows you to rotate the picture clockwise 90 degrees.

Assigning an Image as a Contact Icon

- From the Home screen, touch → My Files → DCIM → Camera → <image>.
- Touch Menu → More → Set as → Contact icon. Touch a
 contact entry and touch Save.

- or -

Touch Menu → More → Set as → Contact icon and touch the icon to create a new Address Book entry with the image already assigned.

Assigning an Image as a Wallpaper

- From the Home screen, touch → My Files → DCIM → Camera → <image>.
- Touch Menu → More → Set as → Wallpaper.
- Touch and drag the crop box anywhere on the picture.Touch and drag the sides of the crop box to zoom in or out to create a cropped area.
- Touch Save to assign the wallpaper image. Touch Discard to stop without updating the wallpaper image.

My Files

Files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location.

1. From the Home screen, touch \longrightarrow My Files.

The following folders may display:

- Android: the Android folder stores files that are used in Android applications.
- bluetooth: this folder stores files sent via a Bluetooth device.
- DCIM: this is the default location for pictures and videos taken by the device. Tap DCIM → Camera to view the picture or video files.

Note: For more information, refer to "Accessing Pictures" on page 64. Also, see "Accessing Videos" on page 68.

- download: this folder contains all the files that you have downloaded.
- gameloft: stores downloaded games.
- Press → New folder to add a new folder, then enter a name for the new folder and touch Done.

Shooting a Video

Tip: When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

- 1. From the Home screen, touch

 → Camera application.
- 2. Move the slider to the down position to use the Camcorder.
- Using the tablet's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
- 4. Press the Video key to begin recording.
- Tap to stop the recording and save the video file to the Camera folder.

Camcorder Options

You can change options using your keypad in capture mode. The following short cuts are available:



Note: The options disappear after a few seconds. Touch the screen to display the tab, then touch the tab to view these options.

- Recording mode: allows you to set the camcorder to Normal, or Limit for MMS.
- Scene selection: not available for the Camcorder.
- Flash: sets the flash to On, or Off.

- Brightness: sets the brightness level. Use the slider in ranges from -2.0 (least brightness) through +2.0 (highest setting).
- Settings: two types of settings are available: Video, and Setup.
 - Video tab:
 - White balance: allows you to set this option from the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
 - Effects: allows you to change the color tone or apply special effects to the video. Options include: Normal, Negative, Black and White, or Sepia.
 - Video quality: sets the video quality to Fine or Normal.
 - Setup tab:
 - Audio recording: enables you to record an audio file to accompany the video.
 - Review: allows you to review the recorded video.
 - Shutter sound: allows you to select a tone to play when the camera's shutter opens and closes. Sound selections are Sound 1. or Off.
 - Storage: allows you to configure the default storage location for images or videos as to the Device (internal memory) or to the Memory card.
 - Reset: resets the camera settings.
- **6.** Camera/Camcorder mode: move the slider to up position to use the Camera, or down to use the Camcorder.
- 7. Video Key: when pressed, records a video.

8. Image viewer: tap to display a video in full screen view.

Accessing Videos

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

Tip: A shortcut to Video appears by default on the Main Home screen.

- 2. While viewing the list, press the important for options:
 - List by: Display videos by Name (default), Date, Size or Type.
 - Share via: Send the video via YouTube, Messaging, AllShare, Bluetooth, Gmail, or Email.
 - Delete: Touch videos to select them for deletion, or touch Select all to delete all videos.
 - Auto play next: Touch to enable or disable automatic playing of videos in the order they appear.
- Touch a video to play it. While playing a video, touch the screen to display or hide on-screen playback controls.

- 4. During playback, press 🖃 to display these options:
 - Mosaic search: allows you to search through the video by selecting thumbnails of different segments of the video.
 - Share via: allows you to share the current video by way of Bluetooth, AllShare, YouTube, Messaging, Email or Gmail.
 - Bookmarks: display Bookmarks. To remove Bookmarks tap Remove, tap each Bookmark you want to remove, and tap Done.
 - Subtitles: allows you to view subtitles if the option is available.
 - Details: displays file information such as Name, Size, Resolution, Duration, Format, and Date modified.

The Gallery

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

Note: If the tablet displays a memory full message when accessing the Gallery, access My Files and remove some of the media files from the folders, and then open the Gallery.

Opening the Gallery

▶ From the Home screen, touch → Gallery.

Note: If you stored your files in folders (directories) on the storage card, Gallery displays these folders as separate albums. The top left album contains all the pictures in the storage card.

Viewing a Photo from the Gallery

- 2. Touch a folder, then touch photo or video to view or play it.

Using the Video Player

The Video Player application plays video files stored on the SD card.

- From the Home screen, touch
 → Video.
 A list of videos sorted on the SD card displays in the Video list.
- Touch a video file to begin viewing.

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 your family on the go was never easier. You can rent or purchase your favorite content and watch from any location 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 usage is based on service availability.

Using Media Hub

- Touch → Media Hub.
- Read the End-User License Agreement (EULA) and touch Accept to continue or Decline to exit.

The Media Hub screen displays.

- 3. At the Media Hub screen select one of the following options:
 - **New in store**: displays the newest movies available for purchase.
 - My Media: allows you to view all of the media that you have purchased or rented. Touch a media entry to view it.

- Movie Store: displays movies that are available for rent or purchase. Scroll through the movie categories at the top of the screen. Touch a category and movies of that type display.
- TV Store: displays TV shows that are available for purchase. Scroll
 through the movie categories at the top of the screen. Touch a
 category and TV shows of that type display.
- Scroll through the media listings and tap on an item you would like to purchase or rent.
- Information concerning the media displays. Touch WATCH PREVIEW to watch a short preview or touch Rent or Own.
- Choose a payment method and then follow the on-screen instructions

The media stores to the My Media folder.

Music Player

The Music Player plays songs from an installed memory card.

Playing Music

- I. Touch ∰ → Music.
- Touch a tab to select the music category: Songs, Playlists, Albums, Artists, or Genres.
- 3. Scroll through the list and tap an entry to begin playback.

Note: The 5.1 channel sound effect works when earphones or sound is connected through the earphone port only.

- The following Music Player controls are available:
 - Ш Pause the song.
 - Start the song after being paused.
 - Press and hold to rewind the song. Tap to go to previous song.
 - Press and hold to fast-forward the song. Tap to go to next song.
 - Volume control.
 - ???Repeat one: repeats the currently playing song.
 - Repeat all: replays the current list when the list ends. [A]
 - Play All: plays the current song list once. <u>A</u>,
 - >≉ Shuffle On: the current list of songs are randomly shuffled for playback.
 - Shuffle Off: songs play in order and are not shuffled. *
 - Displays information about a song.



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

Music Player Options

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

- 1. With the music player application displayed, press and select one of the following options:
- - Add to playlist: adds the selected music file to a playlist.
 - Share via: shares a music file via Messaging, AllShare, Bluetooth. Gmail. or Email.
 - Set as: sets this song as an Alarm tone.
 - Settings: allows you to activate or deactivate the Equalizer or Effect. Also allows you to set which Music menus you want to display. Selections are: Albums, Artists, Genres, Composers, or Years. Touch each item that you want to display in the Music menu.

Using Playlists

Playlists are used to assign music files into groups for playback. These Playlists can be created using the Music player on this device, or using a third-party application (such as Windows Media Player) and downloading those files to an SD card inserted into the device.

Creating a Playlist

- 1. From the Home screen, touch \implies Music.
- 2. Touch the Playlists tab.
- 3. Press → New playlist.
- Backspace over the default playlist title and type a new name for this playlist, then touch **Done**.

Adding Music to a Playlist

To add files to the playlist:

- 1. From the Home screen, touch \implies Music.
- 2. Touch the Playlists tab.
- 3. Touch the playlist name in which to add music.
- 4. Touch Add Music.
- Touch a music file, or touch Select all to add all the music tracks to this playlist then touch Add.

Removing Music from a Playlist

To remove music files from a playlist:

- From the Home screen, touch → Music.
- Touch the Playlists tab.
- 3. Touch the playlist name in which to delete music.
- Press → Remove.
- Touch the checkbox to the right of each track you want to remove from this playlist, or touch Select all to remove all the music tracks from this playlist, then touch Remove.

Editing a Playlist

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

To edit a playlist:

- 1. From the Home screen, touch \longrightarrow Music.
- Touch Playlists.

- 3. Press and hold the playlist you want to edit, then select from the following:
 - Share via: shares this playlist via Bluetooth, Gmail, Messaging, or Email.
 - Delete: confirm deletion by pressing Delete at the prompt.
 - Rename: backspace over the current title and enter a new name for this playlist.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

- 1. From the Home screen, touch → YouTube.
- 2. When the screen loads you can begin searching and viewing posted videos.
- Press → Settings → High quality video on mobile if you prefer high quality output.

Section 8: Applications and Development

This section outlines the various applications that are available on your tablet.

Applications

The Applications list provides quick access to all the available applications on the device. Applications are identified as either Samsung (specific) applications, or other applications. Samsung applications are those that are associated with specific functions of this device such as: AccuWeather Clock, Analog clock, Calendar, Calendar clock, Daily Briefing, Feeds and Updates, Home screen tips, Picture frame, Power control, and Program Monitor. Other widgets listed on the Add to Home screen/Widgets folder include: Google Search, Latitude, Market, Slacker Radio, Y! Finance Clock. and YouTube.

The following list contains a description of each Application, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

Accounts & sync

This application allows you to configure general synchronization settings that determine whether the background data is synchronized, and whether you automatically synchronize data with the tablet.

For more information, refer to "Accounts and Synchronization" on page 106.

Alarm Clock

The Alarm Clock application allows you to set an alarm to ring at a specific time.

- - The clock displays showing the current time and any previously set alarms.
- Touch Set clock style to set the style of displayed clock.
- Scroll through the clock types and touch a clock to select the style.
- 4. Touch Set clock style again to confirm the selection.
- 5. Tap 😝 to display the Set alarm screen.

- Touch Time, then touch the (+) or (-) to set the new time for the alarm then touch Set.
- Touch Ringtone, select a ringtone from the list, then touch OK.
- Touch Vibrate. A checkmark indicates activation. The tablet vibrates when the alarm goes off.
- Touch Repeat, select the frequency of repeats for this alarm, then touch OK.
- 10. Touch Label, enter a label for this alarm, then touch Done.

AllShare

This application wirelessly synchronizes your Samsung mobile tablet with your TV, streams content and even keeps tabs on who sends text messages with real-time, on-screen monitoring. Samsung's AllShare makes staying connected easy.

Important!: You must activate Wi-Fi to use this application. For more information, refer to "Activating Wi-Fi" on page 106.

- . From the Home screen, touch **###** → AllShare.
- 2. Follow the on-screen prompts.

Asphalt 5

The Asphalt 5 game you can get behind the wheel of over 30 vehicles from prestigious manufacturers and race in 12 unique locations, with varied track surfaces, short cuts and jumps.

► From the Home screen, touch ## → Asphalt 5.

Calculator

Using this feature you can use the tablet as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator.

- 2. Enter the first number using the numeric keys.
- Enter the operation for your calculation by touching the Plus, Minus, Multiplication, or Division sign.
- Enter the next number.
- **5.** To view the result, touch the = key.
- 6. Repeat steps 1 to 4 as many times as required.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder.

The Calendar displays four tabs:

- Day: displays the Day view.
- · Week: displays the Week view.
- . Month: displays the Month view.
- List: allows you to search for events for the selected Month, Week, or Day. Or you can look for events for a future date.
- 2. Press and select one of the following options:
 - Go to: displays a specific date.
 - Delete: allows you to delete All events, All events before today, or an individual event.
 - Settings: displays a list of configurable settings.

For more information, refer to "Calendar" on page 103.

Camera

Use your 3.0 megapixel camera feature to produce photos in a JPEG format.

For more information, refer to "Using the Camera" on page 62.

Contacts

The default storage location for saving tablet numbers to your Contacts List is your tablet's built-in memory.

For more information, refer to "Contacts List" on page 44.

Daily Briefing

With Daily Briefing you can monitor the weather, financial information, news, and your schedule from one convenient location.

- 2. Touch the Tap to add city field.
- Scroll through the list of cities to find the city you want to add, or touch the Search bar and use the keypad to enter a city in which to search.
- Touch the city you want to add and touch Save.
- Sweep the screen to the left and touch the Tap to add stock field.
- In the search bar, type a company name or stock symbol and touch .
 Stocks display.
- Touch the stocks you want to track. A check mark displays next to the stock selection.
- Touch Save.

- Sweep the screen to the left and touch the Tap to get news field. The AP Mobile news for the city displays.
- Sweep the screen to the left. The schedules, if any were created, display on this screen.
 For more information, refer to "Calendar" on page 103.
- Sweep the screen to the right to view the weather conditions.

Tip: After Daily Briefing is setup, touch on any field to display the information. Sweep the screen left or right to scroll through the Daily Briefing pages.

Digital Frame

- Tap the center of the clock. The following options display at the bottom of the display:
 - Clock: displays a clock on the screen. You can select from different clock styles.
 - Slideshow: displays a slideshow of the photos on the tablet.
 - **Music**: allows you to play music on the tablet. You can set up music to play while a slideshow is in progress.

Selecting a Clock Style

- Touch one of the four styles (inside a bordered box) then touch OK.

The style you select displays.

Adding Photos to the Slideshow

- 2. Tap the center of the clock, then tap Slideshow.

Touch Add to slideshow.

Pictures saved to the tablet display.

- Tap each one of the photos you want to add to the slideshow. A checkmark indicates selection.
- Tap Done.

The photos added display in a slideshow format. A new photos displays every five seconds.

- **6.** Press to and select from the following options:
 - Add to slideshow: displays the pictures on your tablet so you can select additional pictures to include in the slideshow.
 - Slideshow effects: allows you to add special effects to the slideshow. Tap an effect to see how it works, then tap OK when you find one you like.
 - Duration: allows you to set the duration that each picture will be displayed in the slideshow.
 - Go to music: takes you to the music that you have on your tablet so
 you can set the music to play during the slideshow. Select the
 music you want to play then press to return to the slideshow.
 - Timeout: allows you to set how long the slideshow will display on your screen.
 - Screen Brightness: allows you to set the brightness setting for your display.

- Press and hold the screen and then tap Clock or Music to exit the slideshow.
 - or -
 - Press to return to the Home screen.

Adding Music

- Tap the center of the clock, then tap Music.The music stored on the tablet displays.
- 3. Touch a song to play it.

Email

Email enables you to review and create email using most email services. The device alerts you when you receive an email message.

For more information, refer to "Using Email" on page 59.

Gallery

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

For more information, refer to "The Gallery" on page 69.

Google Mail

Google Mail (Gmail) is a web-based email service. Gmail is configured when you first set up your tablet. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web.

For more information, refer to "Using Google Mail" on page 57.

Google Search

Google Search is a web-based search engine that uses text-based queries to search for content on web pages.

 From the Home screen, touch the Google Search field and enter the search text.

- or -

Touch the microtablet on the Google Search bar and say the search information. For more information, refer to "Voice Search" on page 89.

HotSpot Connect

Use HotSpot Connect to connect to Wi-Fi at thousands of T-Mobile HotSpot locations.

For more information, refer to "HotSpot Connections" on page 93.

Kindle

Using your 3G connection you can download books through the Amazon Kindle™ application with no annual contracts, monthly fees, and no hunting for hotspots.

Important!: You must be registered with Amazon Kindle to use this feature.

- 2. Enter your registered email address and password.
 - or -

Touch Create one now and follow the prompts.

3. Follow the on-screen instructions.

Latitude

Google Latitude allows you and your friends share locations and status messages with each other. It also lets you send instant messages and emails, and get directions to your friends' locations.

Important!: You must sign in to your Google account, enable Wi-Fi, and enable the Location feature before you can use this application. For more information, refer to "Activating Wi-Fi" on page 91.

- Tap Wi-Fi connection to turn on Wi-Fi if Wi-Fi is not already enabled.
- Tap the Your location is hidden field, then tap Detect your location to enable the Location feature.

You are now set up and ready to use Latitude.

Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

Importantl: Before using Google Maps you must have an active data (3G) or connection. The Maps application does not cover every country or city.

► From the Home screen, touch → Maps application.

Enabling a Location source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

- From the Home screen, touch
 → Settings → Location
 and Security.
- Touch Use GPS satellites to enable the GPS satellite.

Opening Maps

- 1. From the Home screen, touch **→ Maps** application.
- **2.** Press and select one of the following options:
 - Search: allows you to search for a place of interest.
 - Directions: displays navigation directions to a location from a starting point.
 - Starred Places: marks favorite locations on the map. These items are automatically synchronized with maps.
 - Clear Map: after viewing or following directions, this option resets the map.
 - Join Latitude: lets you and your friends share locations and status messages with each other. It also lets you send instant messages and emails, and get directions to your friends' locations.
 - More:
 - Labs: a testing ground for experimental features that are not ready to use publicly.
 - Help: uses the browser to display a searchable Google Mobile Help screen.
 - Terms, Privacy & Notices: displays the Terms and Conditions, Privacy Policy, or Legal Notices information. Select the desired information from the pop-up menu.
 - About: displays general information about Google maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.

Tip: When using Google Maps turn on Enable GPS satellites to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

Market

Android Market provides access to downloadable applications and games to install on your tablet. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your tablet.

From the Home screen, touch the **Market** application.

For more information, refer to "Downloading a New Application" on page 90.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. You can rent or purchase your favorite content and watch from the convenience of anywhere.

For more information, refer to "Media Hub" on page 70.

Memo

This feature allows you to create a memo.

- 1. From the Home screen, touch

 → Memo application.
- Touch , compose the memo, then touch Done to save.

For more information, refer to "Text Input Methods" on page 38.

Memo options

- While viewing the list of Memos, press and select one of the following options:
 - · Print: send this memo to a print.
 - Send via: sends this memo as an Email, to a Bluetooth device, or as a Message.

Messaging

This application allows you to use the Short Message Service (SMS) to send and receive short text messages to and from other mobile tablets.

You can also use the Multi Media Service (MMS) to create multimedia messages to send and receive from other mobile tablets.

For more information, refer to "Creating and Sending Messages" on page 54.

Music

Music Player allows you to play music files that you have stored on your microSD card. You can also create playlists.

For more information, refer to "Music Player" on page 70.

My Account

This option provides you with account specific information such as your current activity, billing information, Plan Services information. You can also set alerts for minute or message usage, payment reminder, or power saver.

The differences between My Account and My Device are these:

- My Account: check usage, pay your T-Mobile bill.
- My Device: settings, Tips Tricks, and more.

Tip: Use the Menu key to toggle between My Account and My Device.

▶ From the Home screen, touch → My Account

The initial screen displays four tabs: Activity, Alerts, Billing, and Plans Services.

Activity

The Activity tab displays your current minute and message activity. You can view what percentage of minutes were used as well as the number of messages used for a particular start date.

Alerts

From this screen you can activate alerts to notify you of the following:

- Minute usage: tracks the number of minutes used and remaining in your plan.
 - Minute Usage Reminder: sends an alert when the number of minutes used reaches 75 percent of the total available minutes in the plan.
 - Over Limit Alert: sends an alert when usage exceeds your plan's total available minutes.
- Message usage: tracks the number of messages used and remaining in your plan. If you plan includes unlimited messages this setting does not apply.
- Payment Reminder: alerts when your bill is due.
- Power Saver: sends an alert when the battery level reaches 30
 percent efficiency. The alert displays in the notification window. This
 alert is automatically set to On.

Billing

This provides a billing summary.

Plan Services

This screen displays specific information and charges for your current plan and services. The screen also displays additional services information and charges.

Mv Device

Use the My Device application to configure device settings, view Tips Tricks, personalize your Ringtones, or Wallpapers, or view battery storage information.

Tip: Use the Menu key to toggle between My Account and My Device.

The differences between My Account and My Device are these:

- My Account: check usage, pay your T-Mobile bill.
- My Device: settings, Tips Tricks, and more.

The initial screen displays four tabs: Personalize, Quick Tools, Tips Tricks, and Storage Battery.

My Files

Organize and store data, images, and more in your own personal file folders. Files are stored to the memory card in separate (user defined) folders.

For more information, refer to "My Files" on page 66.

Navigation

Google Maps Navigation (Beta) is an internet-connected turn-by-turn, GPS navigation system with voice guidance.

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

- · inside a building or between buildings
- . in a tunnel or underground passage
- · in poor weather
- · around high-voltage or electromagnetic fields
- . in a vehicle with tinted windows
 - From the Home screen, touch
 → Navigation
 application.

Caution!: Traffic data is not real-time and directions may be wrong, dangerous, prohibited, or involve ferries.

- 2. Select one of the following, displayed options:
 - Speak Destination: say the destination address, place, name or type of business.
 - Type Destination: type the destination address, place, name or type of business.
 - Contacts: displays a list of your contacts that have a listed address.
 - Starred Places: maintains a list of you favorite destinations or locations. Tap the starred item to get directions.

Navigation Options

When the map displays, press and select from the following options:

- Search: speak or type a destination, place, or service in which to search.
- Route Info: displays a view of the starting and destination points and is accompanied by distance in miles for approximate driving time in minutes.
- Layers: additional items display on the map that include: Traffic view, Satellite view, Parking, Gas stations, ATMs & Banks, and Restaurants
- Mute: mutes or unmutes your navigation tones.
- Exit Navigation: exits the Navigation application.
- More:
 - Directions List: displays directions to the most recent destination.
 - Set Destination: displays the Choose Destination screen so you can speak or type your destination.
 - Help: displays the Google Mobile Help web page.
 - Terms, Privacy & Notices: displays Terms and Conditions for Google mobile products, the Google Privacy Policy, and Google legal notices.

Places

Google Places displays company logos on a layer of Google Maps. When viewing an area you can quickly locate a business or person, find out more information about the business, see coupons, public responses, and more.

- From the Home screen, touch
 → Places, then after reading What's new in Maps?, tap 0K.
- Locate and tap one of the listed places (restaurant, coffee, bars, hotels, attractions, ATMs, gas stations, or add your own place.)

A list of places displays.

Settings

This icon navigates to the sound and tablet settings for your tablet. It includes such settings as: display, security, memory, and any extra settings associated with your tablet.

► From the Home screen, touch → Settings application.

For more information, refer to "Changing Your Settings" on page 106.

Slacker

Slacker offers free, internet radio for mobile phones.

From the Home screen, touch



→ Slacker application.

Important!: You must register and create a free account prior to using this service.

- Enter your Email address and password.
 - or -

Touch Create Account if you have not created one.

Begin selecting the music you want to listen to.

Start Up

Activate your tablet and purchase a Prepaid Mobile Broadband pass so you can browse the Web and use data on the go using T-Mobile's network.

1. From the Home screen, touch → Start Up application.

Important!: If you already have a current Prepaid Broadband Pass or subscribe to a monthly T-Mobile Broadband plan, there is no need to continue.

If you activated a Prepaid account but your pass expired, click Continue and purchase another pass.

3. Follow the on-screen prompts.

Swype Tips

Using the SwypeTips application you can watch a video or stat a tutorial that teaches you how to use Swype most efficiently.

For more information, refer to "Swype Text Entry Tips" on page 42.

Talk

You can instant message with Google Talk. Google Talk allows you to communicate with other people who are also connected with Google Talk on the tablet or on the web.

For more information, refer to "Google Talk" on page 61.

Task Manager

Use Task Manager to see which applications are running on your tablet, and to end running applications to extend battery life.

For more information, refer to "Task Manager" on page 10.

ThinkFree Office

ThinkFree Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

- Read the End User License Agreement, then touch Accept if you agree with the terms of use.

Four tabs display:

- Home: displays the introduction to ThinkFree Office and lists a short description of each of the tabs and what type of information they provide.
- Recent Docs: displays recently viewed or downloaded documents.
- My Docs: This is where you keep your documents on this device.
 You can manage documents, or send them to others, and upload the documents to ThinkFree Online.
- Online: This provides your online storage information. You can also share your documents to others without using email attachments.

Video

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

Tip: A shortcut to Video appears by default on the Main Home screen.

- From the Home screen, touch → Video application.
- . While viewing the list, press the for options:
 - List by: Display videos by Name (default), Date, Size or Type.
 - Share via: Send the video via YouTube, Messaging, AllShare, Bluetooth, Gmail, or Email.
 - Delete: Touch videos to select them for deletion, or touch Select all to delete all videos.
 - Auto play next: Touch to enable or disable automatic playing of videos in the order they appear.
- Touch a video to play it. While playing a video, touch the screen to display or hide on-screen playback controls.
- 4. During playback, press 🖃 for these options:
 - Mosaic search: Touch to view a frame from the video.
 - Share via: Send the video via YouTube, Messaging, AllShare, Bluetooth, Gmail, or Email.

- Bookmarks: displays any bookmarks associated with this video.
- Subtitles: displays video subtitles (if applicable).
- Details: View video information.

Video Chat (qik)

Qik is a mobile video sharing service that allows you to record and share experiences with your family, friends, and your favorite social networks.

- From the Home screen, touch
 → Video Chat application.
- Touch Log in.
 - or -

Touch Sign up if you have not registered and create a Qik account.

Note: Visit http://gikcom/ for more information.

Configuring the Front-facing Camera

- 1. Press
 → Settings → Camera.
- Touch Front to enable the front-facing camera lens.

Video Chat

- Touch Log in and log in. Your device communicates with the Qik servers to confirm your login.
- Follow the onscreen instructions. For more information, visit: http://qik.com/

Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the tablet what to search for and then the tablet activates a Google search based on what you said.

- Select Agree if you want Google to use location for improved search results and other services, or Disagree to decline.
- At the Speak now screen speak your search command slowly and clearly. Google searches for the information and displays related information in the browser.

Web

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your tablet.

For more information, refer to "Web" on page 94.

World Clock

This feature allows you to view the time in another part of world.

For more information, refer to "World Clock" on page 105.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

- 1. From the Home screen, touch \longrightarrow YouTube application.
- When the screen loads you can begin searching and viewing posted videos.

To watch a high quality video:

3. Touch the **HQ** (high quality) icon.

Downloading a New Application

To download a new application, you will need to use your Google account to sign in to Android Market. The Android Market home page provides several ways to find applications. The home page features applications and includes a list of item applications by category, a list of games, a link to search, and a link to My downloads.

- 1. From the Home screen, touch

 → Market application.
- When you open Market for the first time, read the Terms of Service, then touch Accept to continue.
- 3. Navigate to the item you want to download, and touch it.
- Scroll down to view more of the developer's applications.You can also email the developer here.
- 5. Touch and hold a comment to report a comment as Spam.

Important: If the selected application requires access to data or control of a function on your tablet, Market displays the information the application will access.

Touch **OK** if you agree to the conditions of the application. Once you touch **OK** on this screen you are responsible for using this application on the tablet and the amount of data it uses. Use this feature with caution.

Touch Install.

- From the Android Market screen, touch Downloads.
- 8. Touch the installed application, then touch **Open**.

Tip: The newly downloaded application displays on the Home screen or other selected panel.

Note: A data plan is required to use this feature. Charges may apply. Please contact your service provider for further details.

Section 9: Connections

Your device includes features to connect to the internet and to other devices, through Wi-Fi[®], Bluetooth, and Virtual Private Networks (VPN).

Wi-Fi

About Wi-Fi

Wi-Fi (short for "wireless fidelity") is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Wi-Fi is used to:

- · Access the internet for browsing, or to send and receive mail.
- Access you corporate network.
- Use hotspots provided by hotels, airports, or restaurants while traveling.

Configuring Wi-Fi Settings

For more information about configure Wi-Fi settings, see "Wi-Fi settings" on page 106.

Activating Wi-Fi

By default, your device's Wi-Fi feature is turned off (deactivated). Activating Wi-Fi allows your device to discover and connect to compatible in-range WAPs (Wireless Access Points).

- From any screen, sweep your finger downward from the top to display the Notification panel.
- 2. Touch Wi-Fi to turn Wi-Fi on.

Deactivating Wi-Fi

- From any screen, sweep your finger downward from the top to display the Notification panel.
- 2. Touch Wi-Fi to turn it off.

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.

- From any screen, sweep your finger downward from the top to display the Notification panel.
- 2. Touch **Wi-Fi** to turn Wi-Fi on. Your device automatically scans for available Wireless Access Points.

When the scan completes, touch a Wi-Fi network to connect. If the Wi-Fi network is open, the device automatically connects. If the network is secured, enter the password at the prompt.

Manually Add a New Network Connection

- From the Home screen, press
 → Settings → Wireless
 and network → Wi-Fi settings.
- 2. Touch Wi-Fi to turn it on.
- Touch Add Wi-Fi network, then enter information about the network:
 - Network SSID: enter the name of the Wireless Access Point.
 - Security: Select the type of security used by the WAP.
 - Password: If the WAP is secured, enter the password or hex key.

Note: Depending on the Security protocol used by the WAP, additional network information may be required.

4. Touch Save to save the settings.

Wi-Fi Advanced Settings

The Wi-Fi settings - Advanced menu allows you to set up many of the device's Wi-Fi services, including:

- . Setting the Wi-Fi sleep policy
- Viewing the device's MAC Address
- . Configuring use of either a DHCP or Static IP

To access the Bluetooth Settings menu:

- Touch → Settings → Wireless and network → Wi-Fi settings.
- 2. Press → Advanced.

For more information, refer to "Wi-Fi settings" on page 106.

HotSpot Connections

Use 3G Mobile Hotspot to share your device's 3G internet connection with a PC or other device through Wi-Fi, using your device as the mobile hotspot.

Note: 3G Mobile Hotspot consumes battery power and uses data service.

Charges apply, contact your service provider.

- 1. Activate Wi-Fi. For more information, refer to "Activating Wi-Fi" on page 91.
- 2. Touch → HotSpot Connection.
- Touch Accept when the End-User Licence Agreement displays.
- Touch Find a HotSpot near you to locate a HotSpot. Your device attempts to get a current location.

- or -

Touch Manual Search.

Touch the HotSpot location in which to connect and surf the web.

Tip: Double tap the screen to zoom in or out.

Manually Searching for a HotSpot Connection

- Activate Wi-Fi. For more information, refer to "Activating Wi-Fi" on page 91.
- 2. Touch \longrightarrow HotSpot Connection.
- Touch Accept when the End-User Licence Agreement displays.
- Touch Find a HotSpot near you to locate a HotSpot. Your device attempts to get a current location.
- 5. While the device is searching, touch Manual Search.
- Use the drop-down menus to Select a location type, and Country.
- Enter the Stress Address or Landmark, City, State or province, and Postal code.

Note: To search by landmark, clear all other address-related fields.

- 8. Select the Search radius from the drop-down menu.
- Touch Submit.

Touch the HotSpot location in which to connect and surf the web.

Tip: Double tap the screen to zoom in or out.

Web

Your tablet is equipped with a Google browser to navigate the mobile web. This section explains how to navigate the browser and use the basic features.

Accessing the Internet

To access the Browser:

From the Home screen, touch the Web application. The Home page displays.

Searching the Web

- 1. From the Home screen, touch the **Web** application.
- Touch the URL field at the top of the screen.
- Enter an web page address (URL) or enter the text for which to search

As you enter text, the search engine suggests webpages and gueries.

Getting More Information About the Current Page

- 1. From the Home screen, touch the **Web** application.
- Touch the URL field at the top of the screen and enter a web page address or enter text for which to search.
- Select a web page to view, then press
 → More →
 Page info.

Using Multiple Browser Windows

You can open up to eight Browser windows at once and switch between them.

- 1. From the Home screen, touch the **Web** application.
- 2. Touch the icon in the upper, right corner of the screen.

The screen displays in a thumbnail view.

Touch to add a new window.

Toggling Between Browser Windows

- 1. From the Home screen, touch the **Web** application.
- Touch the icon in the upper, right corner of the screen.The screen displays in a thumbnail view.
- Touch one of the windows to fill the display.

Adding a Bookmark

- 1. From the Home screen, touch the **Web** application.
- 2. Enter a URL or search for a website.
- 3. Touch the bookmark icon at the top, right of the screen.

- or -

Press
→ Add bookmark.and touch OK.

The URL is added as to the Bookmark list.

Finding Information on a Web Page

- 1. From the Home screen, touch the **Web** application.
- Enter a URL or search for a website.
- 3. Press
 → Find on page.

- Touch the Find on page field, enter a string of text to find, then touch Done.
 - As you type, the first word that matches the characters highlights on the screen while the remainder of the matching words are boxed.
- Touch the left or right arrow (at the bottom, left of the page) to scroll and highlight the previous or next word.

Viewing Browsing History

As you browse the web, Browser keeps track of the pages you visit.

- 1. From the Home screen, touch the Web application.
- Touch the icon, then touch the History tab.
 The pages you visited display under the Today heading.

Clearing Your Browsing History

- 1. From the Home screen, touch the Web application.
- 2. Touch the con, then touch the History tab.
- 3. Touch Clear.

Viewing the Most visited web pages

- 1. From the Home screen, touch the **Web** application.
- 2. Touch the icon, then touch the History tab.
- Touch the Most visited tab.

The most visited web sites display in order.

- 4. Touch & hold a page in the list, then select one of the following options:
 - Open: opens the web site (URL).
 - Open in new window: opens the web site (URL) in a new window.
 - . Add bookmark: adds this site to the Bookmarks list.
 - Remove from history: removes this web site (URL) from browsing history.
- Touch Clear to delete the most visited history.

Printing a Web Page

- 1. From the Home screen, touch the **Web** application.
- Access a web page (enter the URL in the address bar, use Bookmarks, or search).
- 3. With the web page you want to print displayed, press \blacksquare





- 1. From the Home screen, touch the **Web** application.
- Access a web page (enter the URL in the address bar, use Bookmarks, or search).
- 3. With the web page you want to print displayed, press
 - → More → Share page.
- Touch the application you want to use to send the bookmark.

The application opens with the bookmark's address entered

Browser Settings

- From the Home screen, touch the Web application.
- Press → Settings.

Page content settings

- Default zoom: opens a dialog where you can increase or decrease the magnification level that Browser uses when first opening a webpage.
- Open pages in overview: opens webpages zoomed out, in an overview.

- Text encoding: opens a dialog where you can change the character-encoding standard that Browser uses when displaying text on a webpage.
- **Block pop-up windows**: Check to prevent websites from opening windows unless you request to open one.
- Load images: displays images on the web page. Uncheck to omit images when Browser displays a webpage. This speeds webpage display, which can be useful if you have a slow connection, but many websites make little sense with text alone.
- Auto-fit pages: when checked, the Browser optimizes the
 presentation of text and other elements of webpages to fit your
 screen. Uncheck to view pages as designed for a computer screen,
 and to cause double-tapping to switch between zoomed-in and
 default view.
- Landscape view only: Check to display pages in landscape (horizontal) orientation on your screen, regardless of how you are holding the device.
- Enable JavaScript: Uncheck to prevent JavaScript from running on webpages. Many webpages function correctly only if they can run JavaScript on your device.
- Enable plug-ins: enables plug-ins from webpages. Uncheck to disable plug-ins from webpages.
- Open in background: opens new windows in the background when you touch & hold a link and touch Open in new window. This is useful when working with windows that take a long time to download and display.

- Set home page: opens a dialog where you can enter the URL of a
 page that you want to open whenever you open a new Browser
 window. Leave this blank if you want to open browser windows
 more quickly.
- Default storage: sets the default storage for bookmarks to the Tablet or Memory card.

Privacy settings

- Clear cache: deletes the temporary files (text and images) of the webpages you visited so they open more quickly.
- Clear history: clears the browsing history.
- Accept cookies: webpages store, read, and update cookies, for your convenience. Some password-protected sites use cookies so you don't have to sign in each time you visit. Other sites use cookies to remember your preferences. Uncheck to prevent webpages from storing cookies on your device.
- Clear all cookie data: deletes all cookies from your device.
- Remember form data: remembers what you enter in some form fields on a site and helps you reenter that text the next time you use that form. Uncheck to disable this feature.
- Clear form data: deletes all the information the Browser remembers about what you've entered in forms.
- Enable location: permits websites with location-specific content to ask whether you want to share your location, using your device's location information.
- Clear location access: opens a dialog so you can clear the permissions granted to websites to access your location.

Security settings

- Remember passwords: remembers your passwords for some webpages that require you to sign in, to make it quicker to sign into those pages on repeat visits.
- Clear passwords: deletes any passwords the Browser stored.
- Show security warnings: warns you about websites with common security problems, such as outdated or invalid certificates.

Advanced settings

- Website settings: opens a screen so you can view advanced settings for particular websites.
- Reset to default: deletes all browser data, including your browsing history, cookies, passwords, and bookmarks and restores all to the original values.

Enable Downloading for Web Applications

Important!: Before you can download a web application you must insert an SD into the tablet and enable the **Unknown sources** feature (enables downloading). For more information, refer to "Installing the Memory Card" on page 5. Also, see "Mounting the SD Card" on page 34.

- From the Home screen, touch → Settings → Applications.
- Touch the Unknown sources check box.

Touch On under Unknown sources to allow install of non-Market applications. Touch Off to disable installation of non-market applications.

Warning!: Not all web applications are safe to download. In order to protect your tablet and data, use Android Market to install web applications. For more information, refer to "Downloading a New Application" on page 90.

Bluetooth

About Bluetooth

Bluetooth® is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

Turning Bluetooth on:

- From any screen, sweep your finger downward from the top to display the Notification panel.
- Touch Bluetooth to turn Bluetooth on.

Turning Bluetooth off:

- From any screen, sweep your finger downward from the top to display the Notification panel.
- 2. Touch Bluetooth to deactivate the feature.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:



Displays when Bluetooth is active.



Displays when Bluetooth is connected (paired) and communicating.

Pairing Bluetooth Devices

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

Tip: After pairing, your device and the target device recognize each other and exchange information without entering a pascode or PIN.

- From the Home screen, press → Settings → Wireless and network → Bluetooth settings.
- Touch Bluetooth to activate it.

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

Bluetooth Settings

The Bluetooth settings menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices
- Displaying your device's Bluetooth address

To access the Bluetooth Settings menu:

- 2. Verify Bluetooth is active.
- Touch the Device name, Visible, and Scan devices fields to set the options.

Changing your Bluetooth name

- Verify Bluetooth is active.
- 2. From the Bluetooth settings page, tap Device name.
- 3. Enter a new name.
- Tap **0K** to complete the rename process.

Setting Bluetooth visibility

communicate.

- Verify your Bluetooth is active.
- From the Bluetooth settings page, tap Visible.
 Making your device visible allows other devices to pair and

Note: Your device is visible for up to 120 seconds (2 minutes). This value appears as a countdown within this field.

Scanning for Bluetooth devices

- Verify Bluetooth is active.
- From the Bluetooth settings page, tap Scan devices to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Tethering

Use Tethering to share your device's mobile data connection through USB.

Tip: Tethering works with Windows Vista, Windows 7, and Linux.

- Attach the target device to your device using a USB data cable.
- From the Home screen, press → Settings → Wireless and network → Tethering.

Virtual Private Networks

Use your device's VPN feature to set up and connect to VPNs (Virtual Private Networks).

Configure VPN Settings

Configure your device's VPN settings. For more information, refer to "VPN settings" on page 109.

Adding a VPN

- Touch Add VPN to set up a connection to a VPN, using the following settings:
 - Add PPTP VPN: set up a connection to a VPN with Point-to-Point tunneling protocol.
 - Add L2TP VPSN: set up a connection to a VPN with Layer 2 tunneling protocol.
 - Add L2TP/IPSec PSK VPN: Set up a connection to a VPN with preshared key-based Layer 2/IPsec tunneling protocol.
 - Add L2TP/IPSec CRT VPN: Set up a connection to a VPN with Certificate-based Layer 2/IPsec tunneling protocol.

Mobile Networks

Use Mobile Networks settings to control how your device uses network services.

For more information, refer to "Mobile networks" on page 110.

USB Settings

Configure USB Settings to automatically identify your device when you attach it to a computer with a USB cable.

For more information, refer to "USB Settings" on page 111.

PC Connections

You can connect your device to a PC using an optional PC data cable using various USB connection modes. When you connect the device to a PC, you can synchronize files with Windows Media Player, and transfer data to and from your device directly.

What is Kies Mini?

Samsung Kies Mini is a software that enables you to update your device firmware by connecting to the PC.

To learn more about Samsung Kies Mini and Samsung applications, browse featured applications and download Kies Mini at: www.samsungapps.com.

Connecting with Samsung Kies

- 1. Install Samsung Kies Mini software on your PC.
- From the Home screen, touch → Settings → Wireless and networks → USB settings → Kies (Firmware update).
- Using an optional PC data cable, connect the multifunction jack on your device to a PC.
- Run Samsung Kies and follow the prompts to update your device firmware
- 5. Refer to Samsung Kies Help for more information.

Synchronizing with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

- From the Home screen, touch
 → Settings → Wireless and networks → USB settings → Media player.
- Press the Home key to return to Idle mode.
- Using an optional PC data cable, connect the multifunction jack on your device to a PC with Windows Media Player installed.

A pop-up window displays on the PC when connected.

- 4. Open Windows Media Player to synchronize music files.
- Edit or enter your device's name in the pop-up window.
- Select and drag the music files you want to the sync list and begin synchronizing.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

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

 Insert a memory card into the device to transfer files from or to the memory card.

Note: To use any downloaded market application that requires a USB connection between your tablet and your PC, you should first set the USB setting to Mass storage.

- From the Home screen, touch → Settings → Wireless and networks → USB settings → Mass storage.
- 3. Press the **Home key** to return to Idle mode.
- Connect the multifunction jack on your device to a PC using an optional PC data cable.

A pop-up window displays on the PC when connected.

- Open the folder to view files.
- Copy files from the PC to the memory card.

Section 10: Time Management

This section describes how you can manage time using timerelated applications such as the Calendar, Alarm Clock, Analog or Digital clock, and the World clock.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder.

From the Home screen, touch
 → Calenda
 application.

The Calendar displays four tabs:

- . Day: displays the Day view.
- Week: displays the Week view.
- Month: displays the Month view.
- List: allows you to search for events for the selected Month, Week, or Day. Or you can look for events for a future date.
- **2.** Press and select one of the following options:
 - Go to: displays a specific date.
 - Delete: allows you to delete All events, All events before today, or an individual event.
 - . Settings: displays a list of configurable settings.

Creating a Calendar Event

- 2. Double-tap the date for which you want to enter an event.
 - or -

Touch the date for which you want to enter an event, then touch the + touch the +

Enter the event information in the New event screen, then touch Done

Calendar Settings

Using the Calendar settings you can select the day with which you want the calendar to begin. You also select how you want to view the calendar, by Month, Week, or Day or determine how to manage events, notifications, sounds, and defaults reminders.

- 1. From the Home screen, touch \longrightarrow Calendar.
- Press

 → Settings.

View settings

- Calendars: View all your calendars.
- Calendar sync: Synchronize calendars from multiple accounts.
- First day of week: Choose a day to begin each week.
- Hide declined events: Enable or disable display of events.

Notification settings

- Vibrate: Set vibration behavior for calendar notifications.
- Select ringtone: Choose a tone for calendar notifications.

Setting an Alarm

- Press → Add alarm.
- 3. Configure the alarm using the following:
 - Time: Set a time for the alarm to sound.
 - Ringtone: Choose a tone for alarms.
 - Vibrate: Enable or disable vibration for alarms.
 - Repeat: Choose One-time event, or days for the alarm to repeat.
 - Label: Enter a name for the alarm.
- Touch Done to save the alarm.

Deleting Alarms

- - Press → Delete alarm.
- Touch alarms to mark them for removal, or touch Select all.
- Touch Delete to remove the selected alarms.

Alarm Settings

- Press → Settings.
- 3. Configure these settings:
 - Alarm in silent mode: When enabled, alarm tones will play, even when Silent mode is active.
 - Alarm volume: Set the volume for alarm tones.
 - Snooze duration: Choose a snooze period. When an alarm sounds, you can touch Snooze to repeat the alarm after the specified period of time.
 - Side button settings: Configure the side buttons to use when responding to alarms.

World Clock

To access the World Clock:

- 2. Press
 → for these options:
 - Add city: Choose a city to display.
 - Remove: Select cities to remove from the display.
 - **DST settings**: Enable or disable Daylight Savings Time adjustments.

Section 11: Changing Your Settings

This section explains the sound and tablet settings for your tablet. It includes such settings as: display, security, memory, and any extra settings associated with your tablet.

Accounts and Synchronization

- 1. Sign in to your Google account.
- From the Home screen, touch

 → Accounts and sync.
- From the General sync settings sections, touch one of the following options:
 - Background data: allows your tablet to use data in the background.
 - Auto-sync: automatically synchronizes your data with the tablet.

Wireless and Networks

Using Flight mode

Flight mode allows you to use many of your tablet's features, such as Camera, Games, and more, when you are in an airplane or in any other area where accessing data is prohibited.

Important!: When your tablet is in Airplane Mode, it cannot access online information or applications.

- From the Home screen, touch → Settings → Wireless and network.
- Touch Flight mode. A check mark displayed next to the feature indicates Flight mode is active.

Activating Wi-Fi

- From the Home screen, touch → Settings → Wireless and network → Wi-Fi settings.
- Touch Wi-Fi. A check mark displayed indicates Wi-Fi is active.

Wi-Fi settings

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

- From the Home screen, touch → Settings → Wireless and network → Wi-Fi settings.
- The available connection types display with an Edit icon displayed to the right of each connection.
- 3. Configure the settings as desired.

Network Notification

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

- From the Home screen, touch → Settings → Wireless and network → Wi-Fi settings.
- Touch Network notification. A check mark displayed next to the feature indicates Network notification is active.
- Touch Network notification again to remove the check mark and deactivate this feature.

WPS Button Connection

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

WPS allows you to push buttons instead of entering a network name and wireless security PIN.

- From the Home screen, touch → Settings → Wireless and network → Wi-Fi settings.
- Touch WPS button connection.
- Press the WPS button on your Wi-Fi access point within 2 minutes.

Mobile AP

You can use your tablet as an Internet AP (Access Point) using Mobile AP. This allows other devices (maximum of 5) to connect to your tablet using a Wi-Fi connection. The Internet is available on connected devices to share your 3G network.

Mobile AP settings

Follow these steps to set up a Mobile AP connection:

- Tap Mobile AP. A checkmark indicates activation.
- Tap Yes to deactivate the Mobile AP connection.

Pairing with a Mobile AP Device

- Activate Wi-Fi on the connecting device.
- Locate the Galaxy Tab_#### device and connect.The paired device can use the internet with Mobile AP.

Note: Activating Wi-Fi and connection procedures differ, depending on the type of device connecting to the tablet.

Adding a Wi-Fi Network

- From the Home screen, touch → Settings → Wireless and network → Wi-Fi settings.
- 2. Touch Wi-Fi to turn it on.
- 3. Touch Add Wi-Fi network.
- Enter the SSID (Service Set Identifier) and Security settings then touch Save.

Note: An SSID is a unique key which identifies a wireless LAN. Its purpose is to stop other wireless equipment from accessing your LAN — whether accidentally or intentionally. To communicate, wireless devices must be configured with the same SSID.

Bluetooth settings

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

Activating Bluetooth

From the Home screen, touch → Settings → Wireless and network → Bluetooth settings and touch Bluetooth to turn it on.

Note: Bluetooth must be enabled prior to use.

Activating the Device Name

- **1.** Activate Bluetooth. For more information, refer to "Activating Bluetooth" on page 108.
- From the Home screen, touch → Settings → Wireless and network → Bluetooth settings and touch Device name.
 The assigned device name displays.
- Press to erase the current device name and enter a new name for this device using the keyboard.
- 4. Press **OK** to confirm your setting.

Activating Visibility

From the Home screen, touch → Settings → Wireless and network → Bluetooth settings and touch Visible.

The tablet is now activated for discovery for 119 seconds so you can pair with another device. After 119 seconds the tablet becomes undiscoverable again.

Scanning for Devices

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

- 2. Touch a device name to pair with the device.

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

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

Tethering and Portable Hotspots

This option allows you to share your tablet's mobile data connection using the USB connection or as a portable Wi-Fi hotspot.

- From the Home screen, touch → Settings → Wireless and network → Tethering.
- 2. Tap USB tethering. A checkmark indicates activation.
- 3. Tap **Help** for additional information about USB tethering.

VPN settings

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

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

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

- Touch Add VPN to set up a connection to a VPN, using the following settings:
 - Add PPTP VPN: set up a connection to a VPN with Point-to-Point tunneling protocol.
 - Add L2TP VPN: set up a connection to a VPN with Layer 2 tunneling protocol.
 - Add L2TP/IPSec PSK VPN: Set up a connection to a VPN with preshared key-based Layer 2/IPsec tunneling protocol.
 - Add L2TP/IPSec CRT VPN: Set up a connection to a VPN with Certificate-based Layer 2/IPsec tunneling protocol.

Mobile networks

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

- From the Home screen, touch → Settings → Wireless and network → Mobile networks.
- 2. Set these options:
 - Use packet data: Enable or disable use of packet data over mobile networks. When Enabled, a check appears in the checkbox.
 - Data roaming: Enable or disable connections to data services when your device is roaming on another network.
 - Access Point Names: lists the available Access Point names.

- Network mode: select GSM/WCDMA (auto mode), GSM only, or SCDMA only.
- Network operators: select search networks, Select automatically, or Default Setup.

The following options display:

Data Roaming

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

- From the Home screen, touch → Settings → Wireless and network → Mobile networks.
- Touch Data roaming.

Access Point Names

To use Wi-Fi you need access to a wireless access point (hotspot).

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

A list of the Access point names display. The active access point displays a bright green, filled circle to the right of the name.

Network Operators

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

- From the Home screen, touch → Settings → Wireless and network → Mobile networks.
- Touch Network operators.

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

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

- 3. Touch Search networks to manually search for a network.
- Touch Select automatically to automatically select a network connection.
- Touch Default Setup to select the default setup.

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

Default Setup Options

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

- From the Home screen, touch → Settings → Wireless and network → Mobile networks.
- 2. Touch Network operators.
- Touch Default setup.
- Touch Manual to locate and connect to a network manually, or touch Automatic to allow the device to automatically select a network.

USB Settings

- From the Home screen, touch → Settings → Wireless and network → USB settings.
- 2. Select one of the following USB settings:
 - Kies (Firmware update): Samsung Kies Mini is a software that enables you to update your device firmware by connecting to the PC.For more information, refer to "Connecting with Samsung Kies" on page 101.

- Media player: connects your device to a PC in order to synchronize files with Windows Media Player. For more information, refer to "Synchronizing with Windows Media Player" on page 102.
- Mass storage: allows you to use the onboard storage capacity of the tablet to store and upload files. This option allows your computer to detect the tablet as a removable storage drive. For more information, refer to "Connecting as a Mass Storage Device" on page 102.
- Ask on connection: allows a USB setting selection as soon as a tablet to PC connection is established.

Note: Set the USB setting for the tablet to Mass storage when you download market applications that require a USB connection between the tablet and PC.

Sound Settings

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

From the Home screen, touch → Settings → Sound settings.

The following options display:

Silent mode

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

- Touch Silent mode.
 - or –
- From the Home screen, press the Lock key until tablet options displays.
- Touch Silent mode to activate or deactivate this mode (the current mode displays).

Vibration settings

- From the Home screen, touch
 → Settings → Sound settings.
- Touch Vibrate.
- Select one of the vibration conditions. Choices are: Always, Never, Only in silent mode, or Only when not in silent mode.

Volume settings

Set the volume level for all types of sounds.

- From the Home screen, touch
 → Settings → Sound settings.
- Touch Volume.

Note: You can only set volume when Silent Mode is disabled.

- 3. Touch and drag the sliders to set:
 - Media volume: Playback of music, videos and other multimedia content.
 - Alarm volume: Notifications for alarms set in Clock.
 - System volume: Application sounds, and other sounds made by your device.
 - Notification volume: Sounds for alerts to new messages and other events.
- 4. Touch **OK** to save your setting.

Setting a Notification Ringtone

- From the Home screen, touch
 → Settings → Sound settings → Notification ringtone.
- 2. Touch one of the ringtones and touch **OK**.

Audible selection

The Audible selection option is used when you make a screen selection. Each time you press a key or make a selection the selected tone sounds.

- From the Home screen, touch → Settings → Sound settings.
- Touch Audible touch tones or Audible selection. A check mark displayed next to these features indicates active status.

Screen Lock Sounds

This option plays a sound when you lock or unlock the tablet's screen.

- From the Home screen, touch → Settings → Sound settings.
- Touch Screen lock sounds. A checkmark indicates activation.

Haptic Feedback and Vibration Intensity

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

- Touch Haptic feedback. A check mark displayed next to the feature indicates Haptic feedback is active.
- Touch Vibration intensity then touch and drag the slider to adjust the vibration intensity, then touch OK.

Display Settings

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

From the Home screen, touch → Settings → Display settings.

The following options display:

- Font style: sets the fonts used on the LCD display. Selections are: Default font, or Helv Neue S. Touch Get fonts online to download additional fonts.
- Brightness: configures the LCD Brightness levels. Touch Automatic brightness to allow the tablet to self-adjust and touch OK.
- White color density: allows you to use a slider to adjust the density of the white color.
 Black color density: allows you to use a slider to adjust the density
- of the black color.
- Saturation: allows you to use a slider to adjust the saturation.
- Animation: determines whether some or all of the window elements animate. Selections are: No animation, Some animations, or All animations.
- Screen timeout: adjusts the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 2 minutes, 10 minutes, 30 minutes, and 1 hour.
- Power saving mode: allows you to conserve power because the tablet analyzes the displayed screen image and automatically adjusts the LCD brightness.
- TV out: allows you to connect the tablet to your television. For more information, refer to "Connecting your tablet to the TV" on page 115.

Connecting your tablet to the TV

TV out

This feature allows you to connect your tablet to your television (using an optional cable) and view any imaged stored on the tablet and view it directly on your television.

Note: The TV system (NTSC) option is used if you are connecting to an older, analog NTSC system.

To use the TV out feature:

- From the Home screen, touch → Settings → Display settings → TV out.
- Touch TV system and select PAL or NTSC to play video through an analog television.

Note: NTSC is usually used in North America.

Location and Security

The Location and Security settings allow you to configure tablet location and security settings.

Using Wireless Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

- From the Home screen, touch
 → Settings → Location
 and security.
- Touch Use wireless networks to enable location information using the wireless network.

Enabling the GPS Satellites

- From the Home screen, touch
 → Settings → Location
 and security.
- 2. Touch Use GPS satellites enable the GPS satellite.

Screen Unlock Pattern Settings

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

You can unlock the screen by using a pattern, PIN, or password.

Visible Passwords

When enabled, this feature displays the pattern as you enter it.

Setting an Unlock Pattern

Creating a screen unlock pattern increases security on the tablet. When you enable the User visible pattern field, you will draw an unlock pattern on the screen whenever you want to unlock the tablet's buttons or touch screen. When you activate the User tacticle feedback field, you feel vibration as feedback while drawing the pattern.

Note: Make sure the Require Pattern field is activated.

- From the Home screen, touch → Settings → Location and security.
- 2. Touch Set screen lock.
- 3. Touch Pattern.
- Read the instructions and touch Next when you are ready to draw a pattern.
- Draw a pattern (connecting at least four dots) then touch Continue.
- Draw the pattern again to confirm and touch Confirm.The Unlock pattern is set.

PIN Lock and Unlock

Using this feature you are required to enter a PIN number in order to unlock the tablet.

- From the Home screen, touch
 → Settings → Location and security.
- Touch Set screen lock.
- 3. Touch PIN.
- Enter a PIN number using the numeric keypad and press Continue to confirm the password.
- Confirm the PIN by re-entering it and press **OK** to confirm. Your tablet now requires you to enter this PIN number in order to unlock the tablet.

Password Lock and Unlock

Using this feature you are required to enter a password in order to unlock the tablet.

- From the Home screen, touch → Settings → Location and security.
- Touch Set screen lock.
- Touch Password.

- Enter a password using the keypad and press Continue to confirm the password.
- Confirm the password by re-entering it and press **0K** to confirm.

Disabling Screen Lock Settings

From this screen you can disable the pattern lock, PIN lock, or password lock.

- From the Home screen, touch
 → Settings → Location
 and security.
- Touch Screen unlock settings → None.
 All the screen lock settings are cleared.

Resetting Phone Passwords

You can reset all the phone passwords by doing the following:

- From the Home screen, touch
 → Settings → Location
 and security.
- Touch Set screen lock.
- 3. Touch None to disable the screen unlock settings.

Setting up SIM card Lock

Prevent another user from using your SIM card to access information stored on your SIM card by protecting the information using a PIN code.

- From the Home screen, touch
 → Settings → Location
 and security.
- Touch Set up SIM card lock.
- Touch Lock SIM card, enter your SIM PIN code, then touch OK.

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

- 4. Touch Change SIM PIN.
- 5. Enter the old SIM PIN code and touch OK.
- 6. Enter the new SIM PIN code and touch OK.
- 7. Re-type the new SIM PIN code and touch OK.

Device Administration

Activating this feature allows Google to administrate your tablet in a way similar to IT security settings on a corporate PC. This would be beneficial in the case that your tablet was lost or stolen. The tablet could be "deactivated" or "restricted" (through administration) from a remote location.

- From the Home screen, touch
 → Settings → Location and security.
- Touch Select device administrators.

Credential Storage

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

- From the Home screen, touch → Settings → Location and security.
- Touch Use secure credentials to activate this feature. A check mark displayed next to the feature indicates secure credentials is active.
- Touch Install encrypted certificates from SD card to install encrypted certificates from the memory (SD) card.

- Touch Set password to set or change the credential storage password.
- Touch Clear storage to clear the storage (SD card or tablet memory) of all contents and reset the credentials password.

Applications

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

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

Unknown Sources

This device is configured to prevent you from installing applications downloaded from the web or received in email messages.

To protect your tablet and data, only download applications from trusted sources, such as the Android Market.

From the Home screen, touch → Settings → Applications → Unknown sources.

Touch Unknown sources. A check mark indicates that you are allowing applications from unknown sources to download.

Managing Applications

This feature allows you to manage installed applications. You can view and control currently running services, or use the device for application development.

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

From the Home screen, touch → Settings - Applications → Manage applications.

Clearing Application Cache and Data

Important!: You must have downloaded applications installed to use this feature.

- From the Home screen, touch → Settings → Applications → Manage applications.
- Touch the tab for the application type (Third-party, Running, All, or On SD card).
- 3. Touch an application in which to clear the cache or data.

 Touch Force stop, Uninstall, Clear data, Move to SD card, or Clear cache

Uninstalling Third-party Applications

Important!: You must have downloaded applications installed to use this feature.

- From the Home screen, touch → Settings → Applications → Manage applications.
- Touch the tab for the application type (Third-party, Running, All, or On SD card).
- Touch the application you want to uninstall and touch Uninstall.
- At the prompt, touch **OK** to uninstall the application.
- Select a reason for uninstalling the application, then touch OK.

Running Services

The Running services option allows you to view and control currently running services such as Daily Briefing, DataService, Google Talk, SNS (messaging), Swype, and more.

From the Home screen, touch → Settings → Applications → Running services

The screen displays all the processes that are running.

Tap a process to stop the process from running.When you stop the process the service or application will

no longer run until you start the process or application again.

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Android Development

From the Home screen, touch → Settings → Applications → Development.

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

USB Debugging

This feature is used for development purposes only.

Setting the Device to Stay Awake

To share this devices internet with your laptop or computer through the USB port, you must use a screen saver to keep the device awake. Without a screen saver, the tablet will disconnect from a Wi-Fi, 2G (Edge), or 3G connection. Use the Stay awake option to keep the tablet awake so you can share the internet.

This feature is used for Android application development.

Note: The tablet will not go into sleep mode while charging when this feature is activated.

Allowing Mock Locations

This feature is used for development purposes only.

If you are a developer who is testing a GPS applications using this device, you can tell the device that the tablet is at different GPS locations. In other words, the tablet is allowed to "mock" the coordinates.

Accounts and Synchronization

This application allows you to configure general synchronization settings that determine whether the background data is synchronized, and whether you automatically synchronize data with the tablet.

- 1. Sign in to your Google account.
- From the Home screen, touch → Settings → Accounts and sync.
- From the General sync settings section, touch one of the following options:
 - Background data: allows your tablet to use data in the background.
 - Auto-sync: automatically synchronizes your data with the tablet.

Manage Accounts

Use Manage accounts to set up and configure your accounts.

- From the Home screen, touch → Settings → Accounts and sync.
- Under Manage Accounts, touch the account settings to modify.

For more information, refer to "Accounts" on page 44.

Privacy Settings

Location settings, backup configurations, or reset the tablet to erase all personal data.

From the Home screen, touch → Settings → Privacy.

Mobile backup and restore

- From the Home screen, touch → Settings → Privacy.
- Touch Back up my settings. A checkmark indicates activation and your current savings are saved for future use.
- Touch Automatic restore when settings change and you want to restore to the previous settings. A checkmark indicates activation.

Factory Data Reset

From this menu you can reset your tablet and sound settings to the factory default settings.

- Touch Factory data reset then touch Reset Tablet → Erase everything.

The tablet resets to the factory default settings automatically and when finished displays the Home screen.

SD Card & tablet Storage

From this menu you can view the memory allocation for the memory card as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see "Using the SD Card" on page 34.

To view the memory allocation for your external SD card:

Search Settings

Use the search settings to configure parts of Google Web search (for example, whether Google makes suggestions below the Quick Search Box as you type), and what tablet features you want to include in the searches.

- 1. From the Home screen, touch

 → Settings → Search.
- Touch Google search.
- Set up a Google account for this device (if you have not already set one up).

- 4. After logging in to your Google account, the following options display:
 - Google search
 - Show web suggestions: includes search matches from Google's online search engine.
 - Use My Location: allows search applications to use your GPS location.
 - Search history: determines whether to include personalized search history results in the list.
 - Manage search history: manages the personalized search history associated with your Google account.

Phone

Configure settings for searching content on your device.

Searchable items

Choose device features to include in Google searches.

- 1. From the Home screen, touch \rightarrow Settings \rightarrow Search.
- Touch Searchable items.
- Touch items to enable or disable searching. A check mark indicates the item is active.
 - Web: Bookmarks and web history.
 - Apps: Names of installed applications.
 - . Contacts: Names of contacts.
 - Kindle: Titles and authors of your books.

- Messaging: Message text in the Messaging application.
- Music: Artists, albums and track names in your music files.
- Voice Search: Previous Voice Search results.

Clear shortcuts

When you select this feature, the device erases the history for recently selected search results.

- 1. From the Home screen, touch \longrightarrow Settings \rightarrow Search.
- Touch Clear shortcuts.

Locale and Text Settings

This setting allows you to configure the language in which to display the menus. You can also set on-screen keyboard options.

► From the Home screen, touch → Settings → Locale and text.

Language Settings

To set the language that the menus display on the tablet:

- From the Home screen, touch
 → Settings → Locale
 and text → Select locale.
- Select a language and region from the list.

Setting up the Default Keyboard

There are three input methods available: Swype, Samsung, and Android keypads. Swype is the default text input method, however, you can configure the tablet to use the Samsung keypad for predictive text, ABC mode, Symbols, or numbers.

- From the Home screen, touch → Settings → Locale and text → Select input method.
- 2. Select an input method (Swype or Samsung keypad).
- Configure settings for the selected input method.

Swype Settings

To configure Swype settings:

- From the Home screen, touch → Settings → Locale and text → Swype.
- Touch one of the following Swype preferences to activate the setting:
 - Language: allows you to select the current text input language.
 Default language is US English.
 - Word prediction: uses a built-in word database to predict words while entering text in Swype.
 - Audio feedback: turns off sounds generated by the Swype application.

- Vibrate on keypress: activates a vibration sensation as you enter text using the keypad.
- Enable tip indicator: turns on an on-screen flashing indicator that provides helpful user information.

Swype Advanced settings

Advanced settings provide access to Swype operation parameters.

- Auto-spacing: automatically inserts a space between words.
 When you finish a word, just lift your finger or stylus and start the next word.
- Auto-capitalization: automatically capitalizes the first letter of a sentence.
- Show complete trace: sets the length of time the word trace line remains on-screen as you swipe across the screen. Move the slider between Shorter or Longer and touch OK.
- Word choice window: sets the amount of times the word choice selection window displays on screen. Move the slider between Never or Always and touch OK.
- Speed vs. accuracy: sets how quickly Swype responds to on-screen input. Move the slider between Fast Response (speed) or Error Tolerant (accuracy) and touch OK.

Help

- Swype help: allows you to view the on-line user manual for Swype.
- Tutorial: a short tutorial that helps you to get started using Swype.

About

• Version: lists the Swype version number.

Samsung Keypad Settings

From this menu you can set on-screen keyboard options.

- From the Home screen, touch → Settings → Locale and text → Samsung keypad.
- 2. Touch Input language field and tap the desired language.
- Touch XT9 to use XT9 Predictive text method. For more information, refer to "XT9 Advanced Settings" on page 125.
- Tap Automatic full stop to automatically insert a period after double-tapping the space bar.
- Touch the Auto-capitalization field to automatically capitalize the first letter of a sentence.
- Tap Voice input to activate the Voice input feature. Voice input is an experimental feature using Google's networked speech recognition application.
- Touch the Tutorial field to view a short tutorial on use of the Samsung keyboard.

XT9 Advanced Settings

The following XT9 Advanced settings are available when the XT9 field is selected.

- Touch the XT9 field to select XT9 (predictive text) mode, then touch XT9 advanced settings.
- Touch the Word completion field to enable word completion. Your tablet predicts how to complete the word typed.
- Touch the Word completion point field then touch 2 letters, 3 letters, 4 letters, or the 5 letters radio button. Word completion begins after 2 or more (depending on your selection).
- 4. Touch the Spell correction field. This option corrects typographical errors by selecting from a list of possible words that reflect the characters of the keys you touched as well as the characters of nearby keys.
- Touch the Next word prediction field to enable word prediction.
- Touch the Auto-append field to automatically add predictions.

- Touch the Auto-substitution field to automatically replace words that you are typing. This option assists with correcting misspelled words.
- Touch the Regional correction field. This option sets the device to automatically correct mistyped words according to normal spelling for your region.
- Touch the Recapture field. This option sets the device to re-display the word suggestion list when you select the wrong word from the list.
- To add a new word to the T9 dictionary:
 Touch the XT9 my words field and touch Add. Enter a new word and touch Done.
- Touch XT9 auto-substitution to add words to substitute (for example youve becomes you've). A list of substitutions displays.
- If you do not see the substitution you want, touch Add, then input the Shortcut word and Substitution word.
- Touch Done.

Voice Input and Output Settings

This feature allows the device to provide a verbal readout of onscreen data such as messages and contact information.

- Touch Voice recognition settings and select from the following:
 - Language: allows you select the language to use for voice input and output.
 - SafeSearch: allows you to filter explicit images. Selections are: Off, Moderate, or Strict.
 - Block offensive words: allows you to hide recognized offensive words.
 - Show hints: as you type, displays hints on the drop-down box.

Configuring Text-to-speech

This feature allows the device to provide a verbal readout of on-screen data such as messages.

- From the Home screen, touch → Settings → Voice input and output → Text-to-speech settings.
- 2. Configure the available options to alter the settings associated with this feature:
 - Listen to an example: plays a short example of what the text-tospeech feature sounds like on your device when activated.
 - Always use my settings: accepts an override of application settings with personal configurations for this text-to-speech settings screen. If enabled, your device defaults to using the text-to-speech feature.
 - **Default engine**: displays the default voice recognition engine.
 - Install voice data: confirms the installation of necessary data required for voice synthesis.
 - Speech rate: adjusts the rate at which on-screen text is spoken by the device. Choose from: Very slow, Slow, Normal, Fast, and Very fast.
 - Language: assigns the language used for verbal readout. Choose from German (Germany), English (United Kingdom), English (United States), Spanish (Spain), French (France), or Italian (Italy).
 - Pico TTS: allows you to modify settings for the Pico TTS default engine.

Accessibility Settings

This service is able to collect all the text you type, including personal data credit card numbers except passwords. It may also log your user interface interactions. It comes from the applications such as KickBack. SoundBack, and TalkBack.

- From the Home screen, touch
 → Settings →
 Accessibility.
- Tap Accessibility to activate the feature, then select the services for which you want data to log.

Date and Time

This menu allows you to change the current time and date displayed.

- Touch Automatic to allow the network set the date and time.

Important!: Deactivate Automatic to manually set the rest of the options.

Touch Set date and use the plus or minus icons to set the month, day, and year, then touch Set.

- 4. Touch Select time zone, then touch a time zone.
- Touch Set time and use the plus or minus icons, set the hour, and minutes. Touch PM or AM, then touch Set.
- Optional: Touch Use 24-hour format. If this is not selected the tablet automatically uses a 12-hour format.
- 7. Touch Select date format and touch the date format type.

About tablet

This menu contains legal information, system tutorial information, and other tablet information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access tablet information:

- From the Home screen, touch → Settings → About Tablet. The following information displays:
 - Status: displays the battery status, the level of the battery (percentage), the phone number for this device, the network connection, signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, IMEI SV, Serial Number, Wi-Fi MAC address, Bluetooth address, and Up time.
 - Battery use: displays the applications or services (in percentages) that are using battery power.

- Legal information: This option displays information about Open source licenses as well as Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered tablets, and much more pertinent information as a reference.
 Read the information and terms, then press BACK to return to the Settinos menu.
- System tutorial: provides a quick, online tutorial that walks you through basic tablet features. Read the on-screen information and follow the system prompts.
- Model number: displays the tablet's model number.
- Firmware version: displays the firmware version loaded on this handset.
- Baseband version: displays the baseband version loaded on this handset.
- Kernal version: displays the kernal version loaded on this handset.
- Build number: displays the software, build number.

Note: Firmware, baseband, kernal and build numbers are usually used for updates to the handset or support. For additional information please contact your T-Mobile service representative.

Section 12: Health and Safety Information

This section outlines the safety precautions associated with using your Galaxy Tab. The terms "GALAXY" or "mobile device" will be used in this section to refer to your Galaxy Tab. Read this information before using your GALAXY.

Exposure to Radiofrequency (RF) Signals

Although GALAXY is not a cell phone, it can operate on the same network as cell phones and can use the same radiofrequency (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 radiofrequency (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 radiofrequency energy (RF). Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radiofrequency 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 radiofrequency 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 radiofrequency 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 radiofrequency 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 radiofrequency (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 radiofrequency 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 Radiofrequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radiofrequency 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 https://www.creal.cat/programes-recerca/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, as heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radiofrequency Energy

If there is a risk from being exposed to radiofrequency 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

Hand-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 since the phone is held away from the head in the user's hand or in approved bodyworn 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.

Since 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

Since 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 "hand-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 1/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): http://www.epa.gov/radiation/
- Occupational Safety and Health Administration (OSHA):
 http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/
- World Health Organization (WHO): http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- Health Protection Agency: http://www.hpa.org.uk/radiation
- US Food and Drug Administration: <a href="http://www.fda.gov/Radiation-EmittingProducts/Radiation-EmittingProducts/Radiation-EmittingProducts/Administration-EmittingProducts-EmittingProducts-EmittingProducts-EmittingProducts-EmittingProducts-EmittingProducts-EmittingProducts-Emitting-Emi

Specific Absorption Rate (SAR) Certification Information

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the mobile device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be well below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model mobile device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model of a device are performed in positions and locations (e.g. near the body) as required by the FCC.

For typical operations, this mobile device has been tested and meets FCC RF exposure guidelines.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR value for this model phone as reported to the FCC is:

Near the body: 1.12 W/kg.

SAR information on this and other model devices can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to this particular model GALAXY, this site uses the FCC ID number A3LSGHT849. This number can be confirmed by looking on the rear case of your GALAXY.

Follow the instructions on the website and it should provide values for typical or maximum SAR for a particular mobile device. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Smart Practices While Driving

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or using a mobile device - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as text messaging, 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 www.ctia.org.

Battery Use & 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 cell 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.

Importantl: 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 carrierrecommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible batteries and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories, and other unwanted electronics, in accordance with local regulations and through an approved recycler. Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

For more information about recycling your GALAXY, go to: http://mobile.samsungusa.com/recycling/index.jsp or call 1-800-822-8837 for more information

To find the nearest recycling location, go to: www.samsung.com/recyclingdirect or call, 1-877-278-0799.

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

UL Certified Travel Adapter

The Travel Adapter 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.

GPS & AGPS

GALAXY can use a Global Positioning System (GPS) signals 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 Radionavigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

GALAXY can also use an Assisted Global Positioning System (AGPS) which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Navigation

Maps, directions, and other navigation data may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.

Emergency Communication

GALAXY should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency services). GALAXY is not designed or intended to be used for such communications. Voice Over Internet Protocol (VOIP) services which may be used on GALAXY to make phone calls do not support 911 calls and are only intended for talking with friends.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, as 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

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 (1-800-356-4647)

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 radiofrequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;

- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider. For more information see: http://www.fcc.gov/oet/rfsafety/rf-fags.html.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Restricting Children's Access to Your Mobile device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or use services that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment used in your vehicle are securely mounted.
- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.

- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of network services to the offender, or legal action, or both.

Section 13: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Tablets and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone 1 Year

Batteries (Including Internal Batteries) 1 Year

Case 90 Days

OtherTablet 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 moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural items, including framing. and any non-operative parts unless caused by SAMSUNG; (b) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen: (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible: (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use: (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG: (f) defects or damage from improper testing. operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG: (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or external battery leakage, theft, blown fuse, or improper use of any electrical source: (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software

problems introduced into the Product; (i) any other acts which are not the fault of SAMSUNG; 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, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized Tablet service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the original date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or 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 Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of 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.

What Are The Limits On Samsung's Warranty/liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW. INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS. SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE. USE. OR MISUSE OF. OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL. CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS. OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY, SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC

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