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Only for Marketing

User manual

SPH-P500

SPH-P500

User Guide



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Get Started

The following topics give you all the information you need to set up your device and Sprint service the first time.

[Your Device at a Glance](#)

[Set Up Your Device](#)

[Activate Your Device](#)

[Sprint Account Information and Help](#)

Your Device at a Glance

The following illustration outlines your device's primary external features and buttons.

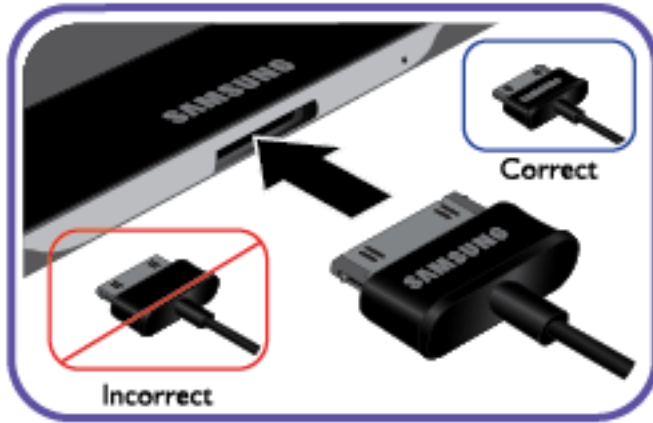


Set Up Your Device

You must first install and charge the battery to begin setting up your device.

1. Plug the USB connector into the charger/accessory jack on the bottom of your device.

Warning! While the device is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the device.

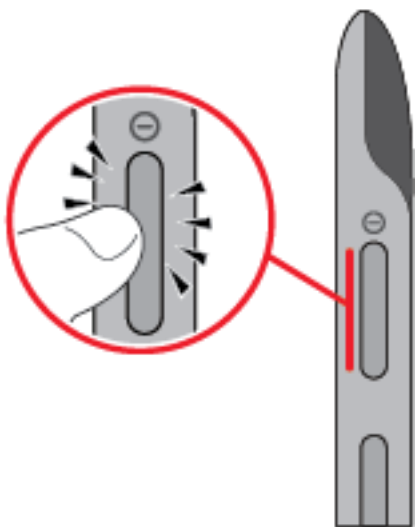


2. Plug the AC adapter into an electrical outlet and charge your battery. Fully charging a battery may take up to three hours.



Note: Your device's battery should have enough charge for the device to turn on and find a signal, run the setup application, set up voicemail, and make a connection. You should fully charge the battery as soon as possible.

3. Press the **Power** button to turn the device on.



- If your device is activated, it will turn on, search for Sprint service, and begin the setup application.
- If your device is not yet activated, see [Activate Your Device](#) for more information.

Activate Your Device

Depending on your account or how and where you purchased your device, it may be ready to use or you may need to activate it on your Sprint account.

- If you purchased your device at a Sprint Store, it is probably activated and ready to use.
- If you received your device in the mail and it is for a new Sprint account or a new line of service, it is designed to activate automatically.
 - When you turn the device on for the first time, you should see a **Hands Free Activation** screen, which may be followed by a **PRL Update** screen and a **Firmware Update** screen. Follow the onscreen instructions to continue.
- If you received your device in the mail and you are activating a new device for an existing number on your account (you're swapping devices), you can activate on your computer online or directly on your device.
 - Activate on your computer:
 - Go to sprint.com/activate and complete the online instructions to activate your device.
 - Activate on your device:
 - Turn on your new device. (Make sure the old one is turned off.) Your device will automatically attempt Hands-Free Activation.

- Tap **Activate** to override auto-activation and start the manual activation wizard.
- Follow the onscreen prompts to complete the activation process.
- To confirm activation, make a device mobile data connection. If your device is still not activated or you do not have access to the Internet, contact Sprint Customer Service at **1-888-211-4727** for assistance.

Tip: Do not press the **Power** button while the device is being activated. Pressing the **Power** button cancels the activation process.

Note: If you are having any difficulty with activation, contact Sprint Customer Service by calling **1-888-211-4727** from any other device.

Complete the Setup Application

The Setup application helps you set up certain features and preferences on your device. Once your device has been turned on and activated, you will see a Welcome message. You can then complete the Setup application.

Note: You may be able to complete the setup application before your device has been activated on your Sprint account.

1. Once your device is activated, you will see the Welcome screen. Tap **Start** to get started.
2. Follow the onscreen instructions to complete each section. For each topic, you will have an option to skip it and continue to the next screen.
 - **Make it Google** - Complete the steps to sign in to your current Google account, or tap **Get an account** to sign up for a new Google account right from your device.
 - **Sign in** - Enter your Gmail address and password and tap **Sign in** to sign in to your current Google account.
 - **Get an account** - Follow the instructions to sign up for a new Google account. There will be screens to enter your first and last names, create an email address (Gmail), create a password, enter recovery information (including a backup email address and a recovery question in case you forget your Google account sign-in information), an option to join Google+, and an option to enable purchases from the Google Play Store app. Tap **Next** between each screen.
 - **Backup or Backup and Restore** - Select your Google account backup settings. If you're signing in with an existing Google account, you can elect to restore your Google account information, such as apps, bookmarks, Wi-Fi passwords, and contacts, to your new Samsung Galaxy Tab2 10.1. Tap **Next** to continue.

- **Use Google location** - Select your Google location options and tap **Next**.
 - **This device belongs to...** - If applicable, enter your first and last name and tap **Next**. This information is used by the device to personalize some apps.
3. When you see the **Setup complete** screen, tap **Finish** to continue to the Dropbox screen.
 4. From the Dropbox screen, select an option and follow the onscreen instructions.
 - **Create a new Dropbox account** - Tap to set up a Dropbox account to save your photos and videos to associated computers and to a Web-based storage area.
 - **I already have an account** - Tap to sign in to your current Dropbox account.
 - **No thanks** - Tap to skip the Dropbox setup screens.
 5. Once you have completed the Dropbox screens, you may see a **Sprint Connections Optimizer** notice.
 - Read the notice and tap **I Agree** to allow your device to automatically connect to available configured Wi-Fi networks.
 - Tap **Settings** and uncheck the **Sprint automatic connection** option if you do not wish to use the Sprint Connections Optimizer.
 6. Your setup is now complete. Follow the onscreen instructions to learn about basic touch/tap menu navigation.

Sprint Account Information and Help

Find out about account passwords and information about managing your account and finding help.

[Sprint Account Passwords](#)

[Manage Your Account](#)

[Sprint Support Services](#)

Sprint Account Passwords

As a Sprint customer, you enjoy unlimited access to your personal account information, your voicemail account, and your data services account. To ensure that no one else has access to your information, you will need to create passwords to protect your privacy.

Account User Name and Password

If you are the account owner, you will create an account user name and password when you sign on to [sprint.com](#). (Click **Sign in/Sign up** and then click **Sign up now!** to get started.) If you

are not the account owner (if someone else receives the bill for your Sprint service), you can get a sub-account password at sprint.com.

Voicemail Password

You'll create your voicemail password when you set up your voicemail. See [Set Up Voicemail](#) for more information on your voicemail password.

Data Services Password

With your Sprint device, you may elect to set up an optional data services password to control access and authorize Premium Service purchases.

For more information, or to change your passwords, sign on to sprint.com or call Sprint Customer Service at **1-888-211-4727**.

Manage Your Account

Manage your Sprint account from your computer, your Sprint device, or any other device.

Online: sprint.com

- Access your account information.
- Check your minutes used (depending on your Sprint service plan).
- View and pay your bill.
- Enroll in Sprint online billing and automatic payment.
- Purchase accessories.
- Shop for the latest Sprint devices.
- View available Sprint service plans and options.
- Learn more about data services and other products like games, ring tones, screen savers, and more.

From Any Other Device

- Sprint Customer Service: **1-888-211-4727**.
- Business Customer Service: **1-888-788-4727**.

Device Basics

Your device is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. The following topics will introduce the basic functions and features of your device.

[Your Device's Layout](#)

[Turn Your Device On and Off](#)

[Turn Your Screen On and Off](#)

[Touchscreen Navigation](#)

[Customize the Home Screen](#)

[Status Bar](#)

[Enter Text](#)

Your Device's Layout

The following illustrations outline your device's basic layout.

Key Functions

The following list defines the features listed in the above illustrations.

Front View



- **External Speakers** used in music or video playback, notification tones, and for other sounds.

- **Light Sensor** controls screen brightness automatically and when taking photos with the Front-facing Camera.
- **Front-facing Camera Lens:** allows you to take photos or video recordings of the person holding the device face-forward. The subject of the photo or video will be the person looking at the screen.
- **Display Screen:** The orientation of the display screen rotates with the tablet as you turn it. You can turn this feature on and off.

Top View



- **3.5 mm Headset Jack** allows you to plug in either a stereo headset or an optional headset for convenient, hands-free conversations.
- **Infrared Blaster** emits infrared signals used for controlling external devices. For more information, see [Peel Smart Remote](#).
- **MicroSD Card Slot**
- **Volume Buttons** allow you to adjust the ringtone or media volume.
- **Power/Lock Button** lets you turn the device on or off, turn the screen on or off, enable or disable data network mode or airplane mode, or restart the device.

Back and Bottom Views



- **Camera lens** lets you take pictures and videos.
- **Flash** helps illuminate subjects in low-light environments when the camera is focusing and capturing a photo or video.

- **Microphone** allows other callers to hear you when you are using the speaker device.
- **Charger/Accessory Jack** allows you to connect the device charger/USB cable (included).

Turn Your Device On and Off

The instructions below explain how to turn your device on and off.

Turn Your Device On or Off

- ▶ Press and hold .

Your screen remains blank while your device is off (unless the battery is charging).

Turn Your Screen On and Off

Your device allows you to quickly turn the screen off when not in use and to turn it back on and unlock it when you need it.

Turn the Screen Off When Not in Use

- ▶ To quickly turn the screen off, press the **Power** button. Pressing the **Power** button again will turn on your device screen and show the lock screen.

To save battery power, the device automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and mobile data connections while the device's screen is off.

Note: For information on how to adjust the time before the screen turns off, see [Screen Timeout](#).

Turn the Screen On and Unlock It

1. To turn the screen on, press .
2. Swipe the screen in any direction to unlock the screen.
 - If you have set up a screen lock, you will be prompted to draw the pattern or enter the password or PIN. See [Screen lock](#).

Touchscreen Navigation

Your device's touchscreen lets you control actions through a variety of touch gestures.

Tap

When you want to type using the onscreen keyboard, select items onscreen such as application and settings icons, or press onscreen buttons, simply tap them with your finger.

<Insert Image>

Touch and Hold

To open the available options for an item (for example, a contact or link in a Web page), touch and hold the item.

<Insert Image>

Swipe or Slide

To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

<Insert Image>

Drag

To drag, touch and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.

<Insert Image>

Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quick strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.

<Insert Image>

Rotate

For most screens, you can automatically change the screen orientation from portrait to landscape by turning the device sideways. When entering text, you can turn the device sideways to bring up a bigger keyboard.

<Insert Image>

Note: The Auto-rotate check box needs to be selected for the screen orientation to automatically change. To make this selection, press  and tap  > **Settings** > **Display** > **Auto-rotate screen**. See [Auto-rotate screen](#) for more information.

Pinch and Spread

“Pinch” the screen using your thumb and forefinger to zoom out or “spread” the screen to zoom in when viewing a picture or a Web page. (Move fingers inward to zoom out and outward to zoom in.)

<Insert Image>

Tip: Pinching any Home screen will let you see thumbnails of all seven Home screens. Tap a thumbnail to go straight to another Home screen.

Your Home Screen

The home screen is the starting point for your device's applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more. Your home screen extends beyond the initial screen. Swipe the screen left or right to display additional screens.



Note: Your device's home screens cycle through so that you can keep swiping in one direction and make it back to the home screen. The small circles toward the bottom of the screen let you know your current screen position.

Tip: Press  to return to the main home screen from any other screen.

Creating Shortcuts

Learn how to add, move, or remove items from the home screen.

Adding Items from the Applications Menu

1. Press  to display the main Home screen.
2. Navigate to the desired Home Page and tap  to display your current applications.
3. Scroll through the list and locate your desired application.
4. Touch and hold the application icon. This creates an immediate shortcut of the selected icon and closes the Applications tab.
5. While still holding the onscreen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Adding Items from the Home screen

1. Press  to display the main Home screen.

2. Navigate to the desired Home Page.
3. Touch and hold an empty area of the Home screen.
4. Tap **Add to Home screen** > **Apps** tab.
5. Touch and hold the application icon. This creates an immediate shortcut of the selected icon and closes the Applications tab.
6. While still holding the onscreen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Deleting a Shortcut

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

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

Adding and Removing Primary Shortcuts

You can change any of your primary shortcuts with the exception of the Apps shortcut. The primary shortcuts are the bottom row of app shortcuts that remain static on all home screens (by default Device, Contacts, Messaging, Internet, and Apps).

Note: Before replacing a primary shortcut, you must first add the replacement shortcut to the Home Screen. For more information, see [Creating Shortcuts](#).

1. Press  to display the main Home screen.
2. Touch and hold the primary shortcut you want to replace and then drag it to an empty space on any Home screen.
3. Scroll through the Home screen to find the shortcut you want to add as the new primary shortcut.
4. Touch and hold the new shortcut and then drag it to the empty space in the row of primary shortcuts.
5. The new primary shortcut will now appear on all Home screens.

Adding and Removing Widgets

Widgets are self-contained applications that reside either in your Widgets tab or on the main or extended Home screens. Unlike a shortcut, the Widget appears as an onscreen application. Widgets can include Contacts shortcuts, bookmarks, Facebook status windows, Gmail and email accounts, and many other types of apps.

Adding a Widget

1. Press  to display the main Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold an empty area of the Home screen.
4. Tap **Apps and widgets > Widgets tab**.
5. Touch and hold an available Widget to position it on the current screen.

Removing a Widget

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

Note: This action does not delete the application, it simply removes it from the current screen

Extended Home Screens

In addition to the main home screen, your device has six extended home screens to provide more space for adding icons, widgets, and more. Touch and hold the icon or widget and then drag across the screen to move from the main screen to an extended screen.

There are six extended screens in addition to the main Home screen.

Note: You cannot add more screens, unless you have previously deleted any of the existing screens. The maximum number of home screens is seven.

To go directly to a particular screen:

1. From any home screen, pinch the screen to display thumbnail images of all screens.

- or -

Touch and hold an empty area of the Home screen and then tap **Page**.

<Insert Image>

2. Tap the screen you want to open.

Recently Used Applications

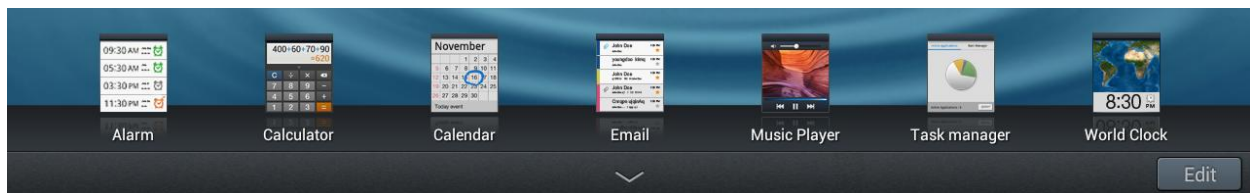
You can access recently used applications through a display of shortcuts to the applications themselves.

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

Mini App Tray

There are shortcuts available that link to apps that you might need while working in other apps, such as Alarm, Calculator, Calendar, Email, Music player, Task manager, and World clock. In some cases, these shortcuts are actually links to the part of the app you need most and they contain a link to the actual app where you can use other functions.

1. From any screen, touch **<up arrow icon>** at the bottom, center of the screen. The Mini App Tray icons display.



2. Touch one of the icons to display a mini app pop-up. The pop-up varies depending on the application. Various controls display at the top of the pop-up and other information is displayed in the body of the pop-up.
3. Touch items in the body of the pop-up, such as an email entry or keys on the Calculator.
4. Touch  to link to the application.
5. Touch  to close the mini app pop-up.

Customizing the Mini App Tray

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

1. Touch **Edit** at the right side of the tray to customize the Mini App Tray.
2. Touch and drag apps in and out of the tray or to another position in the tray.
3. Touch **Done** to save your changes.

Status Bar

The status bar at the top of the home screen provides device and service status information on the right side and notification alerts on the left. To view notification alerts, touch and hold the status bar and drag it down.

Status Icons

Icon	Description
	Bluetooth® active
	GPS active
	Wi-Fi® active
	Vibrate
	Silence All
	Mute
	Speakerdevice Active
	Network (full signal)
	Network (roaming)
	3G (data service)
	4G (data service)
	Airplane Mode
	Sync Active
	Alarm Set
	Battery (charging)
	Battery (full charge)

Notification Icons

Icon	Description
	New email
	New Gmail
	New message
	Event
	USB connection
	Updates available
	Download complete
	Downloading
	Device being used to control streaming media and is connected to a Digital Living Network Alliance (DLNA) certified device using the AllShare Play application.
	Device is sharing/streaming media to paired device using the AllShare Play application.
	Samsung Account needs activation.
	Displays when Wi-Fi Direct is active and configured for a direct connection to another compatible device in the same direct communication mode.
	Device is tethered via a supported USB cable connection.
	Keyboard active

Enter Text

You can type on your device using the available touchscreen keyboards.

[Touchscreen Keyboards](#)

[Text Input Methods](#)

[Tips for Editing Text](#)

Touchscreen Keyboards

Touchscreen keyboard entry can be done in either Portrait or Landscape orientations. The Landscape orientation provides more space and results in slightly bigger onscreen keys. If you find that you prefer to enter text via the onscreen keyboard, and need bigger keys, use this orientation.

Selecting a Text Input Method

Some characters and types, such as some symbols and emoticons, are not accessible from the onscreen keyboard.

The Text Input Method can be assigned from within one of two locations:

Settings Menu:

- Press  and tap  > **Settings** > **Language and input** > **Default** and select an input method.

Text Input field:

1. From a screen where you can enter text, touch and drag up the Notifications area.
2. Tap  (Select input method) and select an available input method.

Text Input Methods

There are three text input methods available: Google voice typing, Samsung keyboard, and T9 Trace.

- **Google voice typing:** provides a voice-to-text interface.
- **Samsung keyboard:** an onscreen QWERTY keyboard that can be used in both portrait and landscape orientation.
- **T9 Trace** (default): (as part of the Samsung keyboard and not shown as an input method), lets you enter letters and words by swiping across the onscreen keyboard. Instead of tapping each key, use your finger to trace over each letter of a word.

The onscreen QWERTY keyboard works the same in both portrait and landscape mode.

Assigning T9 Trace

When T9 Trace is enabled, the onscreen keyboard can be used to enter text by either tapping single letters or swiping across the onscreen keys.

1. Press  and tap  > **Settings** > **Language and input** >  (adjacent to the Samsung keyboard field).

2. Tap **T9 Trace** to place a check mark next to T9 Trace. This turns T9 Trace on. Touching it again clears the check mark, turning T9 Trace off.

Assigning the Samsung Keyboard

This device has a built-in, QWERTY keyboard which you can use to type letters, numbers, punctuation, and other characters.

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

1. Press  and tap  > **Settings** > **Language and input** > **Default** > **Samsung keyboard**.

- or -

From a screen where you can enter text, touch and drag up from the Notifications area then select  (Select input method) > **Samsung keyboard**.

2. The virtual keyboard is then assigned to the Samsung keyboard configuration for all subsequent text input.

Note: Samsung keyboard is selected by default. Depending on your device's configuration, there may not be another keyboard type available, although T9 Trace and Google voice typing may still be used.

Keyboard Input Options

With both T9 Trace and the Samsung Keyboard, it's easy to select input options such as ABC Mode, entering symbols and numbers, and changing letter case.

Changing the Text Input Mode

1. From a screen where you can enter text, tap the text input field to reveal the onscreen keyboard.
2. With Samsung keyboard as your text entry method, select one of the following text mode options:

- **Abc** : to use alphabetic characters from the onscreen keyboard. In this mode, the text mode button displays .

- **Symbol/Numeric** : to enter numbers by tapping the numbers on the onscreen keyboard. In this mode, the text mode button displays .

There are up to 3 available pages of numeric symbols available by tapping .

Note: After typing an initial uppercase character, tap  to toggle capitalization.

Icon	Description
	Displays when the next character is entered in lowercase.
	Displays when the first character of each word is entered as uppercase but all subsequent characters are lowercase.
	Displays when all characters will be entered as uppercase characters (shift-lock).

By default, the first letter of a new entry is capitalized and the following letters are lowercased. After a character is entered, the cursor automatically advances to the next space.

Using ABC Mode

1. From a screen where you can enter text, tap the text input field to reveal the onscreen keyboard.
2. Tap  to configure the keyboard for ABC mode. Once in this mode, the text input type shows .

Note: After typing an initial uppercase character, the  key changes to  and all letters that follow are in lowercase.

3. Enter your text using the onscreen keyboard.
 - If you make a mistake, tap  to erase a single character. Touch and hold  to erase an entire word.

Using Symbol/Numeric Mode

Use the Symbol/Numeric Mode to add numbers, symbols, or emoticons. While in this mode, the text mode key displays .

1. From a screen where you can enter text, tap the text input field to reveal the onscreen keyboard. Rotate the device counterclockwise to a landscape orientation, if desired.
2. Tap  to configure the keyboard for Symbol mode. Once in this mode, the text input type shows .
3. Tap a number, symbol, or emoticon character.

4. Tap  to return to ABC mode.

Entering Symbols

1. Tap  to configure the keyboard for Symbol mode.
2. Tap the appropriate symbol key.

- or -

Tap  to cycle through additional pages.

- The first number on this key indicates which page (1, 2, or 3) of additional characters is active.

Text Entry Options

You can set your device's text entry options through the main settings menu or through the options menu on your keyboard display.

1. Press  and tap  > **Settings** > **Language and input** >  (adjacent to the **Samsung keyboard** field)

- or -

From within an active text entry screen, touch and hold  and then drag your finger up to the  (Settings) icon. This opens **Samsung keyboard settings** screen.

2. Set any of the following options:
 - **Input language** sets the input language. Tap a language from the available list. The keyboard is updated to the selected language.
 - **Predictive text** enables predictive text entry mode. This must be enabled to gain access to the advanced settings. Tap the ON/OFF slider to turn Predictive text on, and then tap **Predictive text** to access the advanced settings
 - **T9 Trace** allows you to type words by swiping or tracing between onscreen keys.
 - **Handwriting** enables the device to recognize onscreen handwriting and convert it to text.
 - **Voice input** activates the Voice input feature. This feature uses Google's networked speech recognition application to convert voice input to text.
 - **Auto capitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).

- **Auto-punctuate** automatically inserts a period at the end of a sentence when you tap the space bar twice while using the onscreen QWERTY keyboard.
- **Character preview** provides an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
- **Key-tap sound** enables auditory feedback when you tap an onscreen key.
- **Tutorial** launches a brief onscreen tutorial covering the main concepts related to the Samsung keyboard.
- **Reset settings** resets the keyboard settings back to their original configuration.

Predictive Text

The predictive text system provides next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

Configuring Predictive Text Options

Note: Only available when ABC mode is selected. Predictive text advanced settings are available only if the Predictive function is enabled.

1. Press  and tap  > **Settings** > **Language and input** >  (adjacent to the **Samsung keyboard** field)

- or -

From within an active text entry screen, touch and hold  and then drag your finger up to the  (Settings) icon. This opens **Samsung keyboard settings** screen.

2. With Predictive text enabled, tap **Predictive text** and configure any of the following advanced options:
 - **Word completion** tells your device to attempt to predict how to complete the word you have started. (A green check mark indicates the feature is enabled.)
 - **Word completion point** sets how many letters should be entered before a word prediction is made. Choose from 2 letters, 3 letters, 4 letters, or 5 letters.
 - **Spell correction** enables the automatic correction of typographical errors by selecting from a list of possible words that reflect both the characters of the keys you touched, and those of nearby characters. (A green check mark indicates the feature is enabled.)

- **Next word prediction** predicts the next word you are like to enter. (A green check mark indicates the feature is enabled.)
- **Auto-append** automatically adds predictions to the word you are typing. (A green check mark indicates the feature is enabled.)
- **Auto-substitution** allows the device to automatically recommend a set of alternative words when entering text. This option reduces “typos.” (A green check mark indicates the feature is enabled.)
- **Regional correction** automatically tries to correct errors caused when you tap keys adjacent to the correct keys. (A green check mark indicates the feature is enabled.)
- **Recapture** sets the device to redisplay the word suggestion list after selecting the wrong word from the list.
- **My words list** allows you to add new words to the built-in predictive text dictionary.
 - Tap .
 - Use the keyboard to enter the new word.
 - Tap **Done** to store the new word.
- **Auto-substitution list** allows you to create a word rule by adding words for automatic substitution during text entry (for example youve becomes you’ve).
 - Tap **Auto substitution list**. Flick up or down to review the current list of word substitutions.
 - Tap .
 - Enter the original word that will be replaced in the **Shortcut** field (for example, youve).
 - Enter the substitute word that will be used in the **Substitution** field (for example, you’ve).
 - Tap **Done** to save the substitution rule.

3. Tap  to return to the previous screen.

Google Voice Typing

This feature uses Google voice recognition to convert your spoken words into onscreen text.

Configuring Google Voice Typing

1. Press  and tap  > **Settings** > **Language and input** > **Google voice typing**.

- or -

From a screen where you can enter text, touch and drag down from the Notifications area and then tap **Select input method** > **Google voice typing**.

2. The virtual keyboard is then removed and all subsequent input occurs via the microdevice as text to speech.
3. Select a language by tapping at the bottom of the **Listening** area.
 - Tap **Add more languages** to assign a new language via the Google voice typing menu.
 - Removing the check mark from the **Automatic** field allows you to select additional languages.

Using Google Voice Typing

1. From a screen where you can enter text, touch and drag down from the Notifications area and then tap **Select input method** > **Google voice typing**.
2. Speak into the device's microphone and watch your text being entered onscreen.
3. If the text is incorrect, tap **DELETE**.
4. Once you have completed entering your message, tap **Done**. The onscreen keyboard will reappear.

Tips for Editing Text

These tips allow you to cut or copy selected text and paste it into a separate selected area.

1. Touch and hold an active text entry field.
2. Scroll to the area of the message containing the desired text.
3. Double-tap the text.
4. Touch and drag one side of the slider across the screen and highlight the desired text. Any selected text will appear highlighted.
5. Tap an onscreen option from the Edit text menu bar:
 - **Select All** highlights all characters in the text message field.

- **Cut** removes the selected text and saves it to the clipboard.
- **Paste** inserts the clipboard text into the location of the cursor.

Settings

The following topics provide an overview of items you can change using your device's Settings menus.

Wi-Fi Settings

Bluetooth Settings

Data Usage Settings

More Settings

Sound Settings

Display settings

Wallpaper Settings

Power Saving Settings

Storage Settings

Battery Settings

Application Manager

Accounts and Sync Settings

Location Services Settings

Security Settings

Language and Input Settings

Back Up and Reset Settings

Accessory Settings

Date and Time Settings

Accessibility Settings

Developer Options Settings

System Update Settings

About Device

Wi-Fi Settings

This group of settings lets you control your device's wireless network settings (3G and 4G), Wi-Fi settings, Bluetooth, roaming, and more.

Your device lets you take advantage of Wi-Fi for high-speed data access using available computer networks. For details on your device's Wi-Fi features and settings, see [Wi-Fi](#).

- Press  and tap  > **Settings** > **Wi-Fi**. The On/Off slider displays ON  when Wi-Fi is active.

Advanced Wi-Fi Settings

The advanced Wi-Fi settings allow you to set up and manage wireless access points.

1. Press  and tap  > **Settings** > **Wi-Fi**.
2. Tap **Advanced**.

The following options are available:

- **Network notification:** alerts you when a new open network is available.
- **Keep Wi-Fi on during sleep:** allows you to specify when to disconnect from Wi-Fi.
- **Wi-Fi frequency band:** allows you to specify the frequency range of operation. Choose from Auto, 5GHz only, or 2.4 GHz only.
- **Wi-Fi timer:** allows you to select the amount of time that Wi-Fi is enabled.
- **MAC address:** view your device's MAC address, required when connecting to some secured networks (not configurable).
- **IP address:** view your device's IP address.

Bluetooth Settings

Your device's Bluetooth capabilities let you use wireless headsets to send and receive pictures and files, and more. For details on your device's Bluetooth settings, see [The Bluetooth Settings Menu](#).

Data Usage Settings

From this screen you can view the Mobile or Wi-Fi data usage. By default, only the mobile data usage displays.

1. Press  and tap  > **Settings** > **Data usage**.

2. Tap the ON/OFF slider, located to the right of the Mobile data field, to turn Mobile data usage ON .
3. Tap **Set mobile data limit** to disable a data connection when a certain level is reached.
4. Tap the **Data usage cycle** drop-down menu and select a date.

The data usage displays as a visual (chart) and displays a list of each application with a breakdown of how many MB were used per application.

5. Tap **<icon>**. From this menu, you can:
 - Tap **Data roaming** to allow data roaming. For details on your device's Roaming capabilities, see [Roaming](#).
 - Tap **Restrict background data** to enable background data restrictions. You can only enable this feature if you have set mobile data limits. Tap **Set mobile data limit** to add a checkmark and activate the feature.
 - Tap **Show Wi-Fi usage** to display the Wi-Fi tab. The data usage displays as a visual (chart) with a list of each application with a breakdown of how many MB were used per application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

More Settings

The **More settings** menu provides additional wireless and network options.

[Flight Mode](#)

[Mobile Networks](#)

[Tethering](#)

[Wi-Fi Direct](#)

[VPN](#)

[Nearby Devices](#)

[Roaming](#)

Flight Mode

Airplane Mode allows you to use many of your device's features, such as Gallery, Camera, and Music, when you are on an airplane or in any other area where making or receiving mobile data is prohibited. When you set your device to Airplane mode, it cannot send or receive any mobile data or access online information.

To turn Airplane Mode on or off:

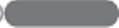
1. Press  and tap  > **Settings** > **More settings**.
2. Select the **Airplane mode** check box and touch **OK**.
3. Tap . While in Airplane mode, the status bar will display .

Shortcut: You can also turn Airplane Mode on or off from the notifications panel. Slide the panel down and scroll to and tap **Airplane mode** to turn it on or off.

Mobile Networks

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

Use Packet Data

1. Press  and tap  > **Settings** > **More settings** > **Mobile networks**.
2. Tap **Use packet data** to create a checkmark and activate the feature.

Network mode

1. Press  and tap  > **Settings** > **More settings** > **Mobile networks** > **Network mode**.
2. Tap your preferred network mode. Choose from **LTE/CDMA** or **CDMA**.

Automatic Connections

1. Press  and tap  > **Settings** > **More settings** > **Mobile networks** > **Automatic Connections**.
2. Tap **Sprint Automatic connection** to automatically find and connect to the Sprint 4G Network and “remembered” Wi-Fi networks on your device.

Tethering

Tethered Mode allows your computer to obtain an external data connection by using the device’s wireless data services and a wired USB connection or a separate Bluetooth connection.

Important! If you are using your device for Tethering, you may be prompted for additional drivers. The Samsung Mobile Driver for the Device contains the ADB, CDMA, & LTE drivers that are required for using either Tethering (Device as a Modem) or development tools.

Before attempting a tethered connection:

- Go to www.samsung.com and visit the SPH-P500 Product page, where you can navigate to the [Download Center](#) to obtain this driver.
- The online FAQ also provide detailed information about this driver.
- A wireless data connection can be made by using the device's Sprint Hotspot feature.

To activate USB tethering:

1. Press  and tap  > **Settings** > **More settings**.
2. Tap **Tethering** > **USB tethering** to add a checkmark and activate the feature. While in USB tethering, the status bar will display .

Note: The **USB tethering** option is only available when the device is connected to the computer. Otherwise, it is grayed out.

To activate Bluetooth tethering:

1. Press  and tap  > **Settings** > **More settings**.
2. Tap **Tethering** > **Bluetooth tethering** to add a checkmark and activate the feature. The USB tethering icon displays at the top of your screen.

To access help:

1. Press  and tap  > **Settings** > **More settings**.
2. Tap **Tethering** > **Help**.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

Activate a Connection

1. Press  and tap  > **Settings** > **More settings**.
2. Tap the ON/OFF slider to turn Wi-Fi direct on .
3. Tap **Wi-Fi Direct** to set up a peer-to-peer connection over Wi-Fi. While in **Wi-Fi Direct** mode, the status bar will display .

Note: The target device must also have Wi-Fi Direct service active and running before it can be detected by your device.

Assign a Unique Name

1. Press  and tap  > **Settings** > **More settings** > **Wi-Fi Direct**.
2. Tap  > **Device name**.
3. Modify the current name and then tap **OK**.

VPN

If you want to send and receive email messages through an ISP (Internet Service Provider) account (such as Outlook), or if you wish to use your device to access your corporate email through a VPN (Virtual Private Network), you will first need to set up an IMAP or POP account.

Before you add a VPN you must determine which VPN protocol to use: **PPTP**, **L2TP/IPSec PSK**, **L2TP/IPSec RSA**, **IPSec Xauth PSK**, **IPSec Xauth RSA**, or **IPSec Hybrid RSA**.

Note: You must configure a PIN or alphanumeric password before using credential storage functions.

1. Press  and tap  > **Settings** > **More settings**.
2. Tap VPN > Add VPN network.
3. Enter a name for the VPN network in the **Name** field.
4. Select a VPN type from the **Type** drop-down menu. The options are:
 - PPTP (Point-to-Point Tunneling Protocol)
 - L2TP/IPSec PSK (Layer 2 Tunneling Protocol / Internet Protocol Security Pre-Shared Key)
 - L2TP/IPSec RSA
 - IPSec Xauth PSK
 - IPSec Xauth RSA
 - IPSec Hybrid RSA
5. Enter the Server address and any other required fields that are dependent upon the **Type** you entered previously.
6. Tap the **Show advanced options** check box to display additional VPN options.

7. Tap **Save** to save your VPN settings.

Nearby Devices

This option allows you to share your media files with nearby devices using DLNA.

1. Press  and tap  > **Settings** > **More settings** > **Nearby devices**.
2. Verify Wi-Fi Direct is enabled and you are paired with the device you wish to detect and share content with.
3. Tap the ON/OFF slider to turn File sharing on .
4. At the Nearby devices prompt, tap **OK**.
5. Tap **Shared contents** and then check the media you would like to share. Tap **OK**.
6. Tap **Device name** and then use the onscreen keyboard to change the name shown to others. Tap **Save**.
7. Tap **Access control** and then tap what devices are allowed access. Choose from **Allow all** or **Only allowed devices**. The allowed devices are configured in the following Allowed devices list.
8. Tap **Allowed devices list** and then select the connected devices you would like to allow.
9. Tap **Not-allowed devices list** and then select the connected devices you would like to exclude.
10. Tap **Download to** and then select the destination of any downloaded (shared) content. Choose from **USB storage** (device) or **SD card**.
11. Tap **Upload from other devices** and then select the actions you'll take when you upload content from other devices. Choose from either **Always accept**, **Always ask**, or **Always reject**.

Roaming

Your roaming settings allow you to connect to your service provider's partner networks and access mobile data services when you are out of your service provider's area of coverage.

Roaming Network

1. Press  and tap  > **Settings** > **More settings**.
2. Tap **Roaming** > **Roaming network**. Choose from the following:

- **Sprint Only** to access only the home area mobile network, which is the Nationwide Sprint Network. This option also prevents roaming on other networks.
- **Automatic** to seek service on the Nationwide Sprint Network. When Sprint service is unavailable, the device searches for an alternate system.

Roaming Settings

1. Press  and tap  > **Settings** > **More settings**.
2. Tap **Roaming** > **Roaming settings** and select your roaming options.
 - Under **Domestic**, select or deselect **Data**.
 - Under **International**, select or deselect **Data**.

Roaming Guard

1. Press  and tap  > **Settings** > **More settings**.
2. Tap **Roaming** > **Roaming guard**. Choose from the following:
 - Under **Domestic**, select or deselect **Data**.
 - Under **International**, select or deselect **Data**, or **Outgoing SMS**.

Sound Settings

The Sound settings menu lets you control your device's audio, from ringtones and alerts to touch tones and notifications.

Volume

The **Volume** menu provides access to various volume settings within one onscreen popup menu. You can adjust the volume settings to suit your needs and your environment.

1. Press  and tap  > **Settings** > **Sound**.
2. Tap **Volume**.
3. Touch and drag the onscreen sliders to assign volume level settings for the following:
 - **Media, Ringtone, Notifications, and System.**
4. Tap **OK** to assign the volume levels.
 - You can adjust the ringer volume in standby mode by using the volume button on the left side of your device.

Default Notifications

The notification area displays icons associated with user notifications such as email messages, missed events, voicemail, upcoming events, or Text/MMS messages. You can select the ringtone that plays when your device receives new notifications.

1. Press  and tap  > **Settings** > **Sound**.
2. Tap **Default notifications** and then tap a notification ringtone from the available list. The ringtone briefly plays when selected.
3. Tap **OK** to assign the ringtone.

Touch Sounds

Screen Lock Sounds

Display Settings

Adjusting your device's display settings not only allows you to personalize the look and feel of your device, it can also help increase battery life.

Brightness

Adjust your screen's brightness to suit your surroundings.

1. Press  and tap  > **Settings** > **Display**.
2. Touch **Brightness** and select the checkmark next to **Automatic brightness** to allow the device to adjust brightness automatically.
3. Clear the checkmark and then touch and drag **Brightness** slider left or right to adjust the screen contrast and tap **OK**.

Screen Timeout

Screen timeout lets you select how long the display screen remains lit after you press any key.

1. Press  and tap  > **Settings** > **Display** > **Screen timeout**.

2. Tap a time setting. Choose from **15 seconds**, **30 seconds**, **1 minute**, **2 minutes**, **5 minutes**, or **10 minutes**.

Auto-rotate Screen

The Auto-rotate Screen feature can be manually enabled to change the orientation for all screens when rotation is detected. See [Rotate](#) for more information.

1. Press  and tap  > **Settings s** > **Display**.
2. Touch **Auto-rotate screen** (enabled by default). A green checkmark indicates the feature is enabled.

Font Style

You can set the font for all text that displays on your device.

1. Press  and tap  > **Settings** > **Display**.
2. Tap **Font style**. Choose from **Default font**, **Choco cooky**, or **Helvetica S**, or **Rosemary**.

Tip: To acquire additional font options, tap **Get fonts online** to access new fonts in the Google Play Store app.

Font Size

This option allows you to select which size of font is displayed.

1. Press  and tap  > **Settings** > **Display**.
2. Tap **Font size**. Choose from **Tiny**, **Small**, **Normal**, **Large**, or **Huge**.

Auto Adjust Screen Tone

This feature allows you to save power because the device analyzes the displayed screen image and automatically adjusts the LCD brightness.

1. Press  and tap  > **Settings** > **Display**.
2. Tap **Auto adjust screen tone** (enabled by default). A green checkmark indicates the feature is enabled.

Quick Launch

Wallpaper Settings

The Wallpaper settings option allows you to set the Wallpaper for your Home screen, Lock screen, or both. Wallpapers consist of either Gallery images (user taken), Live wallpapers (animated backgrounds), or Wallpaper gallery (default device wallpapers).

Home Screen Wallpaper

You can select a unique picture to display as your wallpaper on the Home Screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. Press  and tap  > **Settings** > **Wallpaper**.
2. Tap **Home screen** and then tap a wallpaper type from the available list. Choose from **Gallery**, **Live wallpapers**, or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

Lock Screen Wallpaper

You can select a unique picture to display on the Lock Screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. Press  and tap  > **Settings** > **Wallpaper**.
2. Tap **Lock screen** and then tap a wallpaper type from the available list. Choose from **Gallery** or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

Home and Lock Screens Wallpaper

This feature assigns the current image to both the Home screen and Lock screens.

1. Press  and tap  > **Settings** > **Wallpaper**.
2. Tap **Home and lock screens** and then tap a wallpaper type from the available list. Choose from **Gallery**, **Live wallpapers**, or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

Power Saving Settings

Control your device's data delivery and battery usage through this settings menu.

Active applications, light levels, Bluetooth usage, and GPS functionality all act to drain your battery. The following is a list of helpful tips that can help conserve your battery power:

- Reduce your backlight on time.
- Turn Bluetooth off when not in use.
- Turn Wi-Fi off when not in use.
- Turn 4G off when not in use
- Turn off Sprint Hotspot (Wi-Fi hotspot) services when not in use. This is one of the largest drains on your battery as it is not only transmitting a Wi-Fi connection to your device but is also doing it while using a 4G connection.
- Deactivate the GPS when not needed. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.
- Do not wait until your battery is completely depleted before charging your device. Repeating this process of a complete discharge and recharge can over time reduce the storage capacity of any battery.
- Turn off Automatic application sync.
- Use the **Power saving** widget to deactivate hardware functions such as Wi-Fi, Bluetooth, GPS, Synchronization, or LCD brightness setting.
- Check the Battery use screen to review what features or functions have been consuming your battery resources.
- Check the Running Services and close any unnecessary applications.
- Animated wallpapers use an increased amount of power and memory. Change your Live Wallpaper to a non-animated Wallpaper gallery or Gallery image.

1. Press  and tap  > **Settings** > **Power saving**.
2. Tap the ON/OFF slider to ON  to **Use Power saving** to allow the device to switch to power saving mode when the battery is low.
3. Choose from the following options to customize the settings:

- **CPU power saving:** allows you to limit the maximum performance of the CPU.
- **Screen power saving:** allows you to lower the screen power level.
- **Background color:** allows you to change the background color on email and internet to save power.
- **Turn off haptic feedback:** allows you to turn off vibration when you tap or touch the screen.
- **Learn about power saving:** provides additional information about **Power saving** settings.

Storage Settings

You can manage the information and configuration related to both your microSD card and built-in device storage memory.

Device Memory

From this menu you can view the memory allocation for the memory.

Total Space

Total space indicates the total size of the device's memory. This includes both available and used space information.

Apps

Applications displays the amount of memory occupied by running applications.

Pictures, videos

Pictures, videos displays the amount of memory occupied by pictures and videos stored on your device.

Audio (music, ringtones, podcasts)

Audio displays the amount of memory occupied by any audible files.

Downloads

Downloads displays the amount of memory occupied by files downloaded from an email account, the Internet, or other outside sources.

Miscellaneous files

Miscellaneous files displays the amount of memory dedicated to files such as information stored on the clipboard or downloaded application files.

Available Space

Available Space indicates the total amount of space within the device's memory.

SD Card

Your device lets you use a microSD™ (SD) (also referred to as a memory card) to expand available memory space. This section provides information about mounting, unmounting and formatting it.

Total Space

Total space indicates the total size of the currently inserted microSD card. This includes both available and used space information.

To determine the amount of memory currently used on the card, take the total space and subtract the remaining available space.

Note: Not all of the microSD card is registered in the available space, as a small percentage of the storage is unread. A 16GB microSD card will show approximately 14.73GB of total space.

Available Space

Available space indicates the amount of remaining free memory space available on the microSD card.

Unmount SD Card

1. Press  and tap  > **Settings** > **Storage**.
2. Tap **Unmount SD** card to release the microSD card from its use by the device. The  icon appears within the Notifications area to indicate an unmounted internal microSD card.
 - The microSD card must first be mounted in order to unmount it.

Format SD Card

Formatting a microSD card permanently removes all files stored on the card.

1. Press  and tap  > **Settings** > **Storage**.
2. Tap **Unmount SD card** to release the microSD card from its use by the device. The  icon appears within the Notifications area to indicate an unmounted internal microSD card.

- The microSD card must first be mounted in order to unmount it.
3. Once released, tap **Format SD card** > **Format SD card** > **Delete all**.
 - Once completely formatted, the card is automatically re-mounted (reconnected for use by the device).
 - The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

Battery Settings

Your device is equipped with a Lithium Ion (Li-Ion) battery. It allows you to recharge your battery before it is fully drained. The battery provides up to 8.7 hours of continuous digital usage time.

At 5% of charge capacity, there are only a few minutes of usage time left, the device sounds an audible alert, displays a critical charge icon () , and then turns off.

Battery Use

Use the battery settings menu to view what apps or processes have been using the battery.

- Press  and tap  > **Settings** > **Battery**.

Application Manager

Manage your device's applications, control running applications, and monitor your memory use from the Application manager.

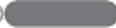
Manage Applications

Use the Application manager menu to quickly erase selected content and uninstall third-party applications stored in your device.

To clear an application's cache:

1. Press  and tap  > **Settings** > **Application manager**.
2. Tap **<icon>** and tap **Sort by size**. This option sorts the current applications listing to display those applications by amount of memory or cache usage.
3. Tap the application whose cache you wish to delete.
4. From the Application info screen, tap **Clear data** and/or **Clear cache**.

To uninstall third-party applications:

1. Press  and tap  > **Settings** > **Application manager**.
2. Tap the third-party application, and from the Application info screen, tap **Uninstall**.

Running Services

This service efficiently manages power consumption and processor/memory resources. Processes can be stopped until the device is restarted.

To stop a currently running service:

1. Press  and tap  > **Settings** > **Application manager**.
2. Tap **Running**, select an onscreen process entry, and tap **Stop**.
3. Read the **Stop system service?** dialog and tap **OK**.
 - These stopped processes restart once the device is restarted (power cycled).
 - Third-party Task Manager applications are also available from the Google Play Store app.

Note: You can also access the last six accessed applications by pressing and holding . For more information, refer to [Recently Used Applications](#).

Memory Use

View storage used by currently running applications.

- Press  and tap  > **Settings** > **Application manager**. The bottom of the screen displays the amount of RAM used by all running services.

Accounts and Sync Settings

Your device provides the ability to synchronize data from a variety of different sources or sites. These accounts can range from Google, a Corporate Microsoft Exchange Email Server, and other social sites. Corporate and Google accounts provide the ability to synchronize Calendar events and Contacts.

Set Up a New Account

You can set up a new account using the following procedures.

1. Press  and tap  > **Settings** > **Accounts and sync**.
2. Tap **Add account** and tap an account type.

- **Samsung account, ChatON, Dropbox, Email, Facebook (for syncing), Google, LDAP, and Microsoft Exchange ActiveSync.**
3. Enter your account information and tap **Next**.
 - Depending on the account type, you may need to enter an email address or user address, password, domain name, or other information. For Corporate Exchange Email Server accounts, contact your server administrator to determine what information you will need.
 4. Tap **Done** when you are finished.

Manage Existing Accounts

You can manage a current account by using the following procedures.

1. Press  and tap  > **Settings > Accounts and sync**.
2. Tap an account to edit its settings.
 - Tap a field to edit its settings.
 - Tap **Remove account** to delete the account from your device.
3. Tap **Done** when you are finished.

Location Services Settings

Your device is equipped with a Location feature for use in connection with location-based services.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

- Turning Location on will allow the network to detect your position using GPS technology, making some Sprint applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the cell site serving your mobile data. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.

Use Location Services

Use the following steps to use wi-fi or mobile networks to determine your device's location.

1. Press  and tap  > **Settings > Location services**.
2. Tap **Use wireless networks**. A green checkmark indicates the feature is enabled.

- This service uses available wireless networks to pinpoint your location within certain applications such as [Google Maps](#).
3. Tap **Agree**. Enabling this feature allows Google to collect anonymous location data whether or not any location application or other related feature is active or in use.

Use GPS Satellites

Use the following steps to enable your device's GPS location feature.

1. Press  and tap  > **Settings** > **Location services**.
2. Tap **Use GPS satellites**. A green checkmark indicates the GPS location feature is enabled.

Location and Google Search

This option allows you to quickly refine your search results by permitting Google to use your location data.

1. Press  and tap  > **Settings** > **Location services**.
2. Tap **Location and Google search** and tap **Agree** to enable the positioning sensors.

Security Settings

This menu contains features that allows you to configure the device's security parameters.

Screen Lock

You can increase the security of your device by creating a screen lock. When enabled, you either slide the screen, detect accessibility through facial recognition, draw the correct unlock pattern on the screen, enter the correct PIN, or enter the correct password to unlock the device's control keys, buttons, and touchscreen.

You can choose among these lock options, listed in approximate order of strength:

Use Swipe

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Screen lock** > **Swipe**.

Use Motion

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Screen lock** > **Motion** > **OK**.

Unlock a Device with Motion

- Use your thumb to touch and hold the Lock screen and then quickly tilt the device toward you.

Note: If you forget, these instructions appear at the bottom of the Lock screen.

Use Face Unlock

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Screen lock** > **Face unlock**.
3. Tap **Set it up**, find a location with mid-strength lighting (not too bright or too dim), and tap **Continue**.
4. Face the screen toward yourself, hold the device at eye level, and position your face within the boundaries of the dotted oval.

Note: If the device cannot detect all of your facial features, the screen will display, “**Can’t find part of your face**”.

5. After the device recognizes your face, a checkmark will display within the oval and the screen displays, “**Face captured.**”.
6. Tap **Continue** and create a security Pattern or PIN. You will use one of these security features if the device does not recognize your face when you attempt to unlock the device.
7. Set your backup **Pattern** or **PIN** and tap **OK**.

Note: If your screen lock is currently set to **Face unlock**, you can improve its performance by capturing your face data again under different lighting conditions. To improve facial recognition, tap **Settings** > **Security** > **Improve facial recognition**.

Use Face and Voice Unlock

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Screen lock** > **Face and voice**.
3. Tap **Set it up**, find a location with mid-strength lighting (not too bright or too dim), and tap **Continue**.
4. Face the screen toward yourself, hold the device at eye level, and position your face within the boundaries of the dotted oval.

Note: If the device cannot detect all of your facial features, the screen will display, “Can’t find part of your face”.

5. After the device recognizes your face, a checkmark will display within the oval and the screen displays, “Face captured”.
6. Tap **Continue**.
7. Once prompted to speak an unlock command, tap  and repeat the phrase four times.
8. Once complete, tap **Done**.
9. Set your backup **Pattern** or **PIN** and tap **OK**.

Use a Screen Unlock Pattern

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Screen lock** > **Pattern**, read the information on the screen, and tap **Next**.
3. Draw the screen unlock pattern by connecting at least four dots in a vertical, horizontal, or diagonal direction. Lift your finger from the screen when finished.
4. The device records the pattern. Tap **Continue**.
5. When prompted, draw the pattern again, and then tap **Confirm**.

If you fail to draw the correct unlock pattern on the screen after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Use a Screen Unlock PIN

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Screen lock** > **PIN**.
3. Enter a PIN, tap **OK**, and then enter your PIN again to confirm it.

If you fail to enter the correct PIN after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Use a Screen Unlock Password

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Screen lock** > **Password**.

3. Enter a password, tap **Continue**, and then enter your password again to confirm it.

Note: If you fail to enter the correct password after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Disable the Screen Lock

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Screen lock**, provide your security information, and then tap **None**.

If you fail to enter the correct password after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Encrypt Device

Data encryption allows you to encrypt all data that is on your device to enhance security after you turn it off.

Important! Password screen lock protection represents the highest level of security; therefore, you must setup a screen lock password in order to use device decryption. For more information, see [Screen Lock](#).

1. Press  and tap  > **Settings** > **Security**.
2. Read the general encryption information and tap **Encrypt device**.
3. At the Encrypt device prompt, tap **OK**. Your device will restart.
4. Unlock the device. The data on your device is encrypted and your device will restart again. The icon is displayed on the top bar of your display showing that your data is encrypted.

Encrypt SD card

Prevent another user from using your SD card to make unauthorized connections or from accessing information stored on your SD card by protecting the information using a password. When enabled, your device will ask for a password each time you use the device. Using this option you can also change your SD card PIN number.

Important! Password screen lock protection represents the highest level of security; therefore, you must setup a screen lock password in order to use SD card encryption. For more information, see [Screen Lock](#).

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Encrypt SD card**.

Make Passwords Visible

When enabled, this feature allows you to view the text being entered into a password field as you type it. Many times, other applications insert an asterisk (*) as you type. This can cause issues and confusion. What if you mis-typed the password or used the wrong case? When enabled, you can see your entry. This feature is enabled by default.

Disable Visible Passwords

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Make passwords visible** (to remove the checkmark on the option).

Device Administrators

Activating this feature allows Google to administrate your device in a way similar to IT security settings on a corporate PC. This would be beneficial in the case that your device was lost or stolen. The device could be “deactivated” or “restricted” (through administration) from a remote location.

Select Device Administrators

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

These applications enforce remote or local device security policies. Some of the features a device administration application might control are:

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

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

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Device administrators** and tap an account.
3. Tap **Deactivate** to remove the current administrator.

Unknown Sources

This feature allows you to download and install non- Google Play™ applications.

1. Press  and tap  > **Settings** > **Applications**.
2. Tap **Unknown sources**. A green checkmark indicates the feature is enabled.

Trusted Credentials

Use this feature to allow applications to access secure certificates and other credentials.

To use secure credentials:

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Trusted credentials** to display the list of your device's trusted CA certificates. A green checkmark indicates the certificate is enabled.

Install from Device Storage

Use this setting to install encrypted certificates from your USB storage.

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Install from device storage** and then tap a certificate file and follow the onscreen prompts.

Clear Credentials

Use this setting to clear the credential storage of all contents and reset the password.

1. Press  and tap  > **Settings** > **Security**.
2. Tap **Clear credentials**.

Language and Input Settings

Your device's Language settings let you select a language for the device's screens and menus, as well as manage a personal user dictionary. The Keyboard settings let you select a preferred input method, control keyboard settings, and more.

Language

Use these procedures to change the language that displays on your device.

1. Press  and tap  > **Settings** > **Language and input**.
2. Tap **Language** and tap either **English**, **Español**, or **한국어**. All menus are then updated to the new language.

Default Input Method

The following procedure allows you to select and set the default method you will use when accessing the keyboard.

1. Press  and tap  > **Settings** > **Language and input**.
2. Tap **Default** and select **Samsung keyboard**.
- or -
 1. From a screen where you can enter text, touch  in the notification bar and drag down the notification panel.
 2. Tap **Select input method** and tap **Google voice typing** or **Samsung keyboard**.

Note: Within either **Select input method** dialog box, you can tap **Configure input methods** to access Keyboard and input methods settings. For more information about the applicable input method setting procedures, refer to [Text Input Methods](#).

Android Keyboard

Google Voice Typing

This feature listens to your voice input and translates it into text.

Note: You must select **Google voice typing** as the default input method before managing its settings.

1. Press  and tap  > **Settings** > **Language and input**.
2. Tap  to the right of **Google voice typing** to access the following options:
 - **Select input languages:** allows you set the language you will be using for your voice input and output.
 - **Block offensive words:** allows you to hide recognized offensive words.

Samsung Keyboard

The Samsung Keyboard is an onscreen QWERTY keyboard.

Note: You must select **Samsung keyboard** as the default input method before managing its settings.

1. Press  and tap  > **Settings > Language and input.**
2. Tap  to the right of **Samsung keyboard** to access the following options:
 - **Portrait keyboard types:** allows you to select text input method. Choose from **Qwerty** or **3x4 keyboard**.
 - **Input language:** allows you to select the text input language. Choose from either **English**, **Español**, or **한국어**.
 - **Predictive text** enables predictive text entry mode. This must be enabled to gain access to the advanced settings. Tap **Predictive text** to access the advanced settings
 - **T9 Trace** allows you to enter words by swiping between onscreen keys.
 - **Handwriting** enables the device to recognize onscreen handwriting and convert it to text.
 - **Voice input** activates the Voice input feature. This feature uses Google's networked speech recognition application to convert speech into text.
 - **Auto capitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).
 - **Auto-punctuate** automatically inserts a period at the end of a sentence when you tap the space bar twice while using the onscreen QWERTY keyboard.
 - **Character preview** provides an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
 - **Key-tap vibration** enables vibration feedback when you tap an onscreen key.
 - **Key-tap sound** enables auditory feedback when you tap an onscreen key.
 - **Tutorial** launches a brief onscreen tutorial covering the main concepts related to the Samsung keyboard.
 - **Reset settings** resets the keyboard settings back to their original configuration.

T9 Trace

T9 Trace is built into the Samsung keyboard. This method allows you to enter a word by sliding your finger from letter to letter and lifting it between words. T9 Trace uses error correcting algorithms and a language model to predict the next word and includes a touch predictive text system.

Enabling T9 Trace

When T9 Trace is enabled, the onscreen keyboard can be used to enter text by tapping or swiping across the onscreen keys.

1. Press  and tap  > **Settings** > **Language and input**.
2. Tap  to the right of **Samsung keyboard**.
3. Touch the check mark to the right of **T9 Trace** to enable T9 Trace text entry.

Voice Search

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

1. Press  >  and tap **Settings** > **Language and input**.
2. Tap **Voice Search** to access the following options:
 - **Language:** allows you set the language you will be using for your voice input and output.
 - **SafeSearch:** allows you to filter explicit images when performing voice searches. You can set to **Off**, **Moderate**, or **Strict**.
 - **Block offensive words:** allows you to block recognition of known offensive words or language. (A green check mark indicates the feature is active.)
 - **Personalized recognition:** allows you to improve speech recognition and accuracy by allowing Google to associate your recordings with your Google Account.
 - **Google Account dashboard:** allows you to manage your collected data via your Google account.

Text-to-speech Output

The Text-to-speech output feature allows the device to provide a verbal readout of onscreen data such as messages. Tap **Text-to-speech output** to access the following options:

1. Press  and tap  > **Settings** > **Language and input**.
2. Tap **Text-to-speech output** to access the following options:
 - **Preferred TTS engine**

- **Google text-to-speech Engine:** allows you to use and modify Google Text-to-speech settings. Tap  to the right of **Google text-to-speech** for additional settings.
- **Samsung TTS:** allows you to use and modify settings for the Samsung TTS default engine. Tap  to the right of **Samsung TTS** for additional settings.
- **General**
 - **Speech rate:** adjusts the rate at which onscreen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
 - **Listen to an example:** plays a short example of what the text-to-speech feature sounds like on your device when activated.
 - **Driving mode:** allows incoming messages and new notifications to be automatically read aloud.

Pointer Speed

This feature allows you to adjust the speed of the Mouse/trackpad.

1. Press  and tap  > **Settings** > **Language and input**.
2. Tap **Pointer speed**, adjust the slider according to your speed preference, and tap **OK**.

Back Up and Reset Settings

Your device's Privacy menu includes the **Factory Data Reset** option. This option lets you reset your device to the original factory settings, which erases all data from the device's application storage, including:

Mobile Backup and Restore

The device can be configured to back up your current settings, application data and settings.

1. Press  and tap  > **Settings** > **Backup and reset**.
2. Tap **Back up my data** to create a backup of your current device settings and applications.
3. Tap **Backup account** to assign the account being backed up.
4. Tap **Automatic restore** to assist in the re-installation of a previously installed application (including preferences and data).
5. Tap **Factory data reset** to reset your device and sound settings to the factory default settings. For more information, see [Factory Data Reset](#).

Factory Data Reset

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

1. Press  and tap  > **Settings** > **Backup and reset** > **Factory data reset**.
2. Read the onscreen reset information.
3. Tap **Reset device**.
4. If necessary, enter your password and tap **Delete all**. The device resets to the factory default settings automatically and when finished displays the Home screen.

Accessory Settings

This menu allows you to assign external speakers when the device is docked.

1. Press  and tap  > **Settings** > **Dock**.
2. Tap **Dock sound** to play sounds when inserting or removing the device from the dock.
3. Tap **Audio output mode** to use the external dock speakers when the device is docked.
4. Tap **Desk home screen display** to display the desk home.

Date and Time Settings

Your device obtains its time and date information by using the network-provided date, time, and time zone. These values can be manually altered.

1. Press  and tap  > **Settings** > **Date and time**.
2. Tap **Automatic date and time** to disable the feature.
 - If enabled, you cannot alter the date, time zone or time values.
3. Tap **Automatic time zone** to disable the feature.
 - If enabled, you cannot alter the time zone values.
4. Tap **Set date**. Adjust the date, month, and year. Tap **Set** when finished.
5. Tap **Set time**. Adjust the hour and minute. Tap the **am** or **pm** icon to change the value. Tap **Set** when finished.
6. Tap **Select time zone**, and then select a time zone from the onscreen list. Scroll down the list to view additional time zones.
7. Tap **Use 24-hour format** to toggle between using a 12-hour or a 24-hour format.

8. Tap **Select date format** to select how the date information is displayed on your device. The selected date format is also applied to the date displayed within the device's Alarm Clock.

Accessibility Settings

The Accessibility settings menu lets you set several options to simplify device use and improve accessibility for users with vision or hearing issues.

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. Using TalkBack, every interaction and keypress is explained in audio. The Accessibility menu also allows you to set various vision, hearing, and access options.

1. Press  and tap  > **Settings** > **Accessibility**.
2. Select your settings from the following options:
 - Tap the **Auto-rotate screen** to allow automatic rotation from the screen between landscape and portrait.
 - Tap the **Speak passwords** option to allow the device to read aloud password information.
 - Tap the **Accessibility shortcut** option to allow the accessibility shortcut under the device options to be used by pressing and holding the power key.
 - Tap the **Screen timeout** option to timeout the accessibility feature after a defined amount of time.
 - Tap the **TalkBack** option to activate the TalkBack feature. For more information, see [TalkBack Settings](#).
 - Tap **Install Web scripts** to allow apps to install scripts from Google that make their Web content more accessible. Tap **Allow**.
 - Tap the **Negative colors** field to reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
 - Tap the **Font size** field to change the size of the fonts used on the device within menus, options, etc. Choose from: **Tiny**, **Small**, **Normal**, **Large**, or **Huge**.
 - Tap the **Mono audio** field to enable stereo audio to be compressed into a single mono audio stream for use with a single earbud/eardevice.

- Tap the **Turn off all sounds** field to mute every sound made by the device during taps, selections, notifications, etc.
- Tap the **Tap and hold delay** field to select a time interval for this action. Choose from: Short, Medium, or Long

TalkBack Settings

This feature uses synthesized speech to describe the results of actions. The following procedures enable you to enhance TalkBack capabilities.

1. Press  and tap  > **Settings** > **Accessibility** > **TalkBack**.
2. Tap the slider to on  to turn on TalkBack.
3. Tap **Settings** and choose from the following options:
 - **Ringer volume:** instructs the TalkBack program to provide voice feedback at all ringer volumes or not to provide voice feedback during silent or vibrate mode.
 - **Speak when screen is off:** instructs the TalkBack program to provide voice feedback when the screen is off.
 - **Speak caller ID:** instructs the TalkBack program to provide voice feedback for caller ID.
 - **Use proximity sensor:** instructs the TalkBack program to silence voice feedback when the proximity sensor is engaged. For more information about the proximity sensor, see [Key Functions](#).
 - **Bluetooth output:** instructs the TalkBack program to provide voice feedback through Bluetooth connections when available.
 - **Vibration feedback:** increases the vibration intensity of key presses.
 - **Assign vibration patterns:** allows you to select vibration patterns to differentiate between touchable and clickable items.
 - **Sound feedback:** allow you to enable sound feedback when you touch the screen.
 - **Sound volume:** allows you to customize the volume return based upon the volume of your voice. Choose from **Match speech volume**, **75% of speech volume**, or **50% of speech volume**.
 - **Assign sounds:** allows you to select sounds to differentiate between touchable and clickable items.

Developer Options Settings

Use the Developer Options to set options for application development.

- Press  and tap  > **Settings** > **Developer options**.

Important! These features are used for development purposes only.

USB Debugging

When enabled, allows debugging when the device is attached to a PC by a USB cable.

1. Press  and tap  > **Settings** > **Developer options**.
2. Tap **USB debugging** to enable or disable the setting. When enabled, a check mark appears in the check box.

Development Device ID

The identification number for your tablet when using it as a development tool displays in this field.

Allowing Mock Locations

If you are a developer who is testing a GPS applications using this device, you can use mock locations to tell the device that the device is at different GPS locations. In other words, the device is allowed to “mock” the coordinates. This feature is used for development purposes only.

1. Press  and tap  > **Settings** > **Developer options**.
2. Tap **Allow mock locations** to enable or disable the setting. When enabled, a check mark appears in the check box.

Desktop Backup Password

Protect the desktop with a backup password ID.

1. Press  and tap  > **Settings** > **Developer options**.
2. Tap **Desktop backup password**.
3. In the Settings screen, enter the current full backup password, the new password for full backups and then enter the new password again.
4. Tap **Set backup password** to save the password change.

User Interface Options

Configure the user interface by setting the behavior for the way the screen behaves when using applications or displaying data.

1. Press  and tap  > **Settings** > **Developer options**.
2. Tap the check box next to each option to enable:
 - **Strict mode**: Makes the screen flash when applications perform long operations on the main thread.
 - **Show pointer location**: Highlights the data that was touched on the screen.
 - **Show touches**: Displays touch interactions on the screen.
 - **Show screen updates**: Areas of the screen flash when they update.
 - **Show CPU usage**: Screen highlights the current CPU usage.
 - **Force GPU rendering**: Uses a 2D acceleration in applications.
 - **Window animation scale**: Configure the scale for animation (ranges from off to 10x).
 - **Transition animation scale**: Configure the scale for transitioning when using animation (ranges from off to 10x).

Application Options

These options allow you to manage applications that are running in the background.

1. Press  and tap  > **Settings** > **Developer options**.
2. Tap **Do not keep activities** to destroy every activity as soon as the application is closed.
3. Tap **Limit background processes** to set the number of processes that can run in the background. Options are: Standard limit, No background processes, and 1 to 4 processes at most.
4. Tap **Show all ANRs** to display a prompt when applications running in the background are not responding.

System Update Settings

This feature contains tools that allow you to update your device to the latest PRL, Profile, Samsung Software, and Firmware. Access this menu on a regular basis to ensure that your device maintains the most recent system enhancements and security features.

Update PRL

This option allows you to download and update the preferred roaming list (PRL) automatically.

1. Press  and tap  > **Settings** > **System Update** > **Update PRL**.
2. Follow the onscreen instructions.

Update Profile

This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your device.

1. Press  and tap  > **Settings** > **System Update** > **Update Profile**.
2. Follow the onscreen instructions.
 - If your data services or account syncing ever seems to go out unexpectedly, use this feature to reconnect with the network.

Update Samsung Software

Use this feature to upgrade your device to the latest version of SPH-P500 software for your Samsung Galaxy Tab2 10.1.

1. Press  and tap  > **Settings** > **System Update** > **Update Samsung Software**.
2. Follow the onscreen instructions.

Update Firmware

Once you have backed up all your data, use the Update Firmware option to update your device firmware.

1. Press  and tap  > **Settings** > **System Update**.
2. Tap **Update Firmware**. (Your device automatically downloads and installs any available updates. You may be required to power your device off and back on to complete the software upgrade.)
 - or -
1. Locate the  (**System Update Available**) icon in Notifications.
2. Touch and hold the Status bar, and then slide your finger down the screen.

3. Tap  to open the System Updates screen.
4. Tap **Download** and follow the onscreen instructions.  appears within the Status bar to indicate the device is downloading the necessary files.
5. Tap **Restart** and install to complete the process.
 - The Notifications panel can also be opened on the Home screen by pressing  and then tapping **Notifications**.

About Device

The About Device menu lets you access important device information, such as the device model number, Android version, Baseband version, Kernel version, Build , signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, Wi-Fi MAC address, Bluetooth address, device number, software version network, and legal information.

Status

This option displays the battery status, the level of the battery (percentage), the device number for this device, battery status and level, User name, and signal strength.

- Press  and tap  > **Settings** > **About device** > **Status**.

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 Devices, and much more pertinent information as a reference.

- Press  and tap  > **Settings** > **About device** > **Legal information**.

Contacts

The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly in your device as well as contacts synchronized with your Google account, your PC, compatible email programs (including Exchange Server), and your Facebook friends.

[Get Started With Contacts](#)

[Add a Contact](#)

[Edit a Contact](#)

[Synchronize Contacts](#)

[Add Entries to Your Favorites](#)

[Add Facebook Content to your Contacts](#)

[Create Groups](#)

[Share a Contact](#)

Get Started With Contacts

Before using Contacts, it's best to learn a few basics.

Your device automatically sorts the Contacts entries alphabetically. You can create a Google contact, a device contact, or a Corporate (Microsoft Exchange ActiveSync) contact.

- **Device** contacts are stored locally on the device.

Note: If the device is ever reset to its factory default parameters, locally stored contacts (device contacts) can be lost.

- **Google** contacts are shared with your existing Google account and can also be imported to your device after you have created a Google Mail account.
- **Microsoft Exchange ActiveSync** (also known as Work or Outlook) contacts are those contacts that are intended to be shared with either an Exchange Server or from within Microsoft® Outlook®.

Access Contacts

There are a few ways to display Contacts.

► Press  and tap  > .

The Contacts List

Your device automatically sorts the Contacts entries alphabetically. You can create either a **Google**, **Microsoft Exchange ActiveSync**, or **Device** contact.

- ▶ Press  and tap  > . You will see the Contacts list.
- **Contacts List:** The Contacts list displays all contacts currently stored in your device, including Google contacts, Exchange ActiveSync contacts, Device contacts, and Facebook contacts.
- **Create Contacts:** Tap  to add a contact.

Scroll through the list to view all your contacts. To see a specific entry, scroll to it and tap it.

Tip: To quickly move to a specific section in your contact list, tap a letter on the right side of the list to go directly to that letter in the alphabetical list.

Contacts List Options

- ▶ From the Contacts list, tap  to display the main contacts list options.
- **Delete:** erases the currently selected contact or contacts.
- **Import/Export:** imports or exports the selected contact information from a specified location.
- **Merge with Samsung account:** allows you to join your device contacts with an existing Samsung account.
- **Merge with Google:** allows you to join your device contacts with an existing Google account.
- **Accounts:** displays your managed accounts.
- **Send email:** allows you to send an email to the selected contact via **Gmail** or **Email**.

Note: Prior to sending an email, you must first add a Google or Email account.

- **Send message:** allows you to send a text message to the selected contact.
- **Contacts to display:** allows you to select a specific location from which to pull contacts which will display in your Contacts list.
- **Settings:** displays options for viewing contacts, including whether to show only contacts with device numbers and whether to list or display by first name or last name. There is also an option to select how contacts are transferred to another device, either individually or as a full group.

Add a Contact

You can add contacts directly from the Contacts application. Enter details such as name, device numbers, email addresses, mailing addresses, and more.

1. Press  and tap  > .
2. From the top of the screen, tap .
3. Tap a destination type (**Device**, **Google**, or **Microsoft Exchange ActiveSync**). The **Create contact** screen opens.

Note: You will not see the option to select a destination unless you have previously established a Google or Corporate account on the device.

4. Tap  and assign a picture to the new entry by choosing one of three options:
 - **Picture:** retrieve a previously stored image from your Gallery or from your My files folder and assign it to this entry. Tap an image to assign the image to the contact and then tap **Done**. After selecting the picture, you will be prompted to **Crop** it to fit the contact picture ID area. Crop the picture and then tap **Done** to assign it.
 - **Take picture:** use the camera to take a new picture and assign it to this entry and then tap **Done**. After you take a picture, you will be prompted first to **Save** and **Crop** the picture before assigning it to the contact.
 - **Remove:** although not an option with a new entry, deletes any previously assigned image on an existing contact.
5. Tap the **Name** field and use the onscreen keyboard to enter the full name.

– or –

Tap  next to the **Name** field to display additional name fields.

6. Tap the **Device number field**. The numerical keyboard is displayed.

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

7. Enter the device number. Tap  to add another Device number field or tap  to delete a field.
8. Tap the **Email address** field. The keyboard is displayed.

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

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

10. Tap the **Address** field. The keyboard is displayed.

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

11. Enter the address. Tap  to add another address field or tap  to delete a field.

12. Tap any of the following fields that you want to add to your new contact:

- **Events:** tap  to add a Birthday, Anniversary, Other, or Custom.
- **Groups:** assign the contact to Not assigned, ICE – emergency contacts, Co-workers, Family, Friends, My contacts, or Starred in Android. You may add other groups to the list. For more information, see [Create Groups](#).

Tip: ICE – In Case of Emergency. To make it easier for emergency personnel to identify important contacts, you can list your local emergency contacts under “ICE” in your device’s Contacts list. For example, if your mother is your primary emergency contact, list her as “ICE–Mom” in your Contacts. To list more than one emergency contact, use “ICE1–___,” “ICE2–___,” etc.

- **Ringtone:** adds a field used to assign a message tone that will sound when messages are received from this contact. Choose between Default, Ringtones, or Go to My files.
- **Vibration pattern:** allows you to set the specific type of vibration.
- **Add another field:** tap this button to add another field such as **Devicetic name**, **Organization**, **IM**, **Notes**, **Nickname**, **Website**, **Internet connection**, or **Relationship**.

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

Edit a Contact

Once you’ve added a contact, you can add or edit any of the information in the entry, assign a caller ID picture, customize with a unique ringtone, and more.

[Add or Edit Information for a Contact](#)

[Assign a Stored Picture to a Contact](#)

[Assign a New Picture to a Contact](#)

[Join a Contact](#)

[Delete a Contact](#)

Add or Edit Information for a Contact

You can modify existing contact information to keep your information up-to-date.

1. Press  and tap  > .
2. Tap a contact to display it, and then tap  > **Edit**.

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap any field you want to change or add. See [Add a Contact](#).
4. Add or edit the information, and then tap **Save**.

Assign a Stored Picture to a Contact

Adding a picture to a contact entry creates a more personal and easily recognized entry. For example, when receiving a message from one of your contacts, the associated picture will display. Below are procedures for adding a picture already stored in your Gallery.

1. Press  and tap  > .
2. Tap a contact to display it, and then tap  > **Edit**.

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap  or the currently assigned picture, and then tap **Picture**. See [Open Gallery](#) for more information.
4. Tap an onscreen image to prepare it for use.
5. Touch and drag along the sides of the blue border box to begin cropping the desired area, tap **Done**, and then tap **Save** to assign selected picture.

Assign a New Picture to a Contact

Below are procedures for adding a picture to a contact through taking a new photo.

1. Press  and tap  > .

2. Tap a contact to display it and then tap  > **Edit**.

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap  or the currently assigned picture, and then tap **Take picture**.
4. Tap  until the shutter sounds. See [Take Pictures](#) for more information.
5. Touch and drag along the sides of the blue border box to begin cropping the desired area.
6. Tap **Done** to assign the picture. Tap **Save** to save the contact.

Join a Contact

When you have contacts from various sources (Gmail, device, Facebook, etc.), you may have multiple similar entries for a single contact. Your device's Contacts application lets you link multiple entries into a single contact.

1. Press  and tap  > .
2. Tap a contact to display it, and then tap  > **Join contact**.
3. Tap another entry to link it to the original contact.

Note: You can join up to five contacts in a single entry.

Delete a Contact

You can delete a contact from the contacts details page.

1. Press  and tap  > .
2. Tap a contact to display it, and then tap  > **Delete**.

Tip: You can also touch and hold the contact and then tap **Delete**.

3. Tap **OK**.

Synchronize Contacts

Syncing data from your managed accounts allows you to add and manage a new or existing contact from your online or remote accounts to your device. Prior to syncing, you must first have an active Google or Corporate account with current Contact entries, and be signed into your account via the device.

With syncing, any Contacts entries (with device numbers, email addresses, pictures, etc.) are updated and synced with your Samsung Galaxy Tab2 10.1.

For more information about syncing existing managed accounts.

To synchronize Gmail contacts:

1. Press  and tap  > **Settings** > **Accounts and sync**.
2. Tap the Gmail account to reveal the account's synchronization settings screen.
3. Tap the parameters you wish to synchronize (**Sync Calendar**, **Sync Contacts**, **Sync Gmail**, **Sync Google Photos**, **Sync Google+**, **Sync Google Play Books**, **Sync Google Play Music**, **Sync Internet**, **Sync Picasa Web Albums**, and **Sync Wallet**). A green checkmark indicates the feature is enabled.

Note: In order to use **Sync Picasa Web Albums**, Picasa must be downloaded through your Gmail credentials.

4. Press  to return to the previous screen.

To synchronize Microsoft Exchange ActiveSync contacts:

1. Press  and tap  > **Settings** > **Accounts and sync**.
2. Tap the **Microsoft Exchange ActiveSync** account to reveal the account's synchronization settings screen.
3. Tap the parameters you wish to immediately synchronize.
 - **Sync Calendar** synchronizes your Exchange calendar entries between your device and the remote Exchange server.
 - **Sync Contacts** synchronizes the contacts between your device and the remote Exchange server.
 - **Sync Email** synchronizes your exchange email to any updated email existing on the remote Exchange server.
 - **Sync Tasks** synchronizes your exchange calendar task entries between your device and the remote Exchange server.

Note: Any change on either side (**Device**, **Google**, or **Microsoft Exchange ActiveSync Contacts**), is reflected on the other side after a sync process. The process of updating your Contacts tab can take several minutes. If after 10-20 minutes, your list has not been updated, repeat steps 2-3.

Your Contacts tab then reflects any updated Contact information.

- This update process works both ways. For example, any changes on the device are updated to your Gmail Contacts list after sync.

Syncing of contacts requires you are logged into your Gmail and Corporate accounts via the device.

Add Entries to Your Favorites

The Favorites tab is a listing that can help you quickly access your most used or preferred Contacts entries.

1. Press  and tap  > .
2. Touch and hold the entry name from the Contacts tab listing.
3. From the **Contacts Entry** context menu, tap **Add to favorites**.

Note: Another method to add or remove an entry from your favorites is to toggle the state of the star icon on the Contact's details page (upper-right). Tap to add the entry to your favorites (star is lit), tap again to remove.

Add Facebook Content to Your Contacts

You can add your Facebook contacts' information, such as pictures, email, and device numbers directly to your Contacts list. All of the current contacts' information is then migrated over to your device.

Note: You must first have an active Facebook page populated with friends sharing their contact information.

If a Contacts entry already exists in with a slightly different name, separate entries are created and can later be linked (joined) together into a single entry. See [Join a Contact](#).

Add Your Facebook Friends to Your Contacts

Before you can add your friends, you must add your [Facebook account](#) to the list of managed and synchronized accounts. This process is similar to synchronizing your email accounts.

This process not only synchronizes your contact information but also your status, events, and more.

1. Press  and tap  > **Settings** > **Accounts and sync**.
2. Tap the Facebook account to reveal the account's synchronization settings screen.
3. Tap **Sync Contacts** to sync your Facebook contacts. If you want to synchronize immediately, tap **Sync now**.

Create Groups

This feature allows you to add a new or existing contact to a call group. This group can be one of the already present groups (Family, Friends, or Work) or a user-created group.

To create a new group:

1. Press  and tap  >  > **Groups**.
2. Press  and tap **New**.
3. Tap the **Group name** field and enter a name for the new group.
4. Tap **Group ringtone** and select a ringtone for the group.
5. Tap **Vibration pattern** and select a vibration pattern for the group.
6. Tap **Add member** and select a member or members to add to the new Group list.
7. Tap **Done** when you are finished adding members, and then tap **Save**.

To add an existing contact to a current group:

1. Press  and tap  >  > **Groups**.
2. Tap the existing group and the tap  > **Edit** > **Add member**.
3. From the list of contacts, tap the contact(s) you want to add. (A green check-mark appears next to the selected entries.)
4. Tap **Done** > **Save**.

To send a message to a group:

1. Press  and tap  >  > **Groups**.
2. Tap an existing group and then tap  > **Send message**.
3. Select the recipients of the new message (indicated by a green checkmark) and then tap **Done**.
4. Type your message, and then tap .

Share a Contact

You can quickly share contacts using Bluetooth, email, Gmail, or text messaging.

1. Press  and tap  > .
2. Tap a contact to display it, and then press  and tap **Share namecard via**.
3. Send the current contact information to an external recipient via one of the following:
 - **Bluetooth** to send the information via Bluetooth. See [Bluetooth](#) for information on pairing and sending via Bluetooth.
 - **ChatON**: to send the contacts to selected buddies.
 - **Dropbox**: to upload the entries to your remote Dropbox Web storage location.
 - **Email** to send the information as an email attachment. If prompted, select an email account. Address the message, add a subject and a message, and then tap **Send**. See [Compose and Send Email](#) for details on sending email.
 - **Gmail** to send the information as a Gmail attachment. Address the message, add a subject and a message, and then tap **Send**. See [Send a Gmail Message](#) for details.
 - **Messaging** to send the contact information as an MMS message attachment (.vcf file). Select a contact or enter a wireless device number or email address, enter any additional information, and then tap **Send**. For more information on text messaging, see [Text Messaging and MMS](#).
 - **Wi-Fi Direct** to send the information via a device-to-device connection.

Note: Prior to using the Bluetooth feature, it must first be enabled, and the recipient's device must be visible.

Accounts and Messaging

With Sprint service and your device's messaging capabilities, you have the opportunity to share information through many different channels and accounts.

[Gmail / Google](#)

[Email](#)

[Social Networking Accounts](#)

Gmail / Google

You will need a Google account to access several device features such as Gmail, Google Maps, Google Talk, and the Google Play applications. Before you are able to access Google applications, you must enter your account information. These applications sync between your device and your online Google account.

[Create a Google Account](#)

[Sign In to Your Google Account](#)

[Access Gmail](#)

[Send a Gmail Message](#)

[Read and Reply to Gmail Messages](#)

Create a Google Account

If you do not already have a Google account, you can create one online or using your device.

Note: You can also create and sign into your Google/Gmail account through your device's Setup application.

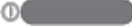
Although you need a Gmail account to use certain features of your device, such as Google Play, you do not need to use Gmail as the default account for your device.

Create a Google Account Online

1. From a computer, launch a Web browser and navigate to www.google.com.
2. On the main page, click **Sign in > SIGN UP**.
3. Follow the onscreen prompts to create your free account.
4. Look for an email from Google in the email box you provided, and respond to the email to confirm and activate your new account.

Create a Google Account Using Your Device

You will need a Google account to access several device features such as Gmail, Google Maps, Google Talk, and the Google Play applications. Before you are able to access Google applications, you must enter your account information. These applications sync between your device and your online Google account.

1. Press  and tap  > **Settings** > **Accounts and sync**.
2. Tap **Add Account** > **Google** > **New**.
3. Follow the onscreen prompts to create your free account.

Sign In to Your Google Account

Below are procedures for signing into your Google account.

1. Launch an application that requires a Google account (such as Play Store or Gmail).
2. Tap **Existing** and then enter your existing username and password.

Note: If you do not already have a Google account, tap **New** and follow the onscreen prompts to create your new account.

3. Tap **Sign in**. Your device communicates with the Google servers to confirm your information.

Access Gmail

Below are procedures for accessing your Gmail account.

1. Press  and tap  >  (**Gmail**).
2. Do any of the following:
 - **View more email messages:** If the Inbox is full, swipe your finger up the screen to view more messages and conversations.
 - **Read a new email message:** Tap the unread message or the conversation with an unread message (just-arrived items display in bold).
 - **Select messages and conversations:** Tap the box before the email or conversation.
 - **View the Inbox of another Gmail account:**
 - Tap **Inbox** at the top of the screen and then tap the inbox of the Gmail account you want to view.

Send a Gmail Message

Below are procedures for sending a Gmail.

1. Press  and tap  > .
2. From the Inbox, tap .
3. Enter the message recipient's email address in the **To** field.
 - You can add as many message recipients as you want.

Note: To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, tap  > **Add Cc/Bcc**.

4. Tap the **Subject** field and enter the email subject.
5. Tap the **Compose email** field and compose your email.
 - To add a picture attachment, tap  > **Attach file**.
6. To send the message, tap - To save the current email as a draft, tap  > **Save draft**. To later view your draft email messages, from the Inbox, tap **Inbox** and then tap **Drafts**.
- To delete the current email message, tap  > **Discard**.

Read and Reply to Gmail Messages

Below are procedures for reading and replying to Gmail messages.

1. Press  and tap  > .
2. Tap a message to display its contents.

Tip: You can also access new messages through the Notifications bar. When a new Gmail message arrives, you'll see the icon in the Notifications bar. Touch and hold the bar and slide it down to display notifications. Tap a message to display it.

3. Tap  to display the reply screen.
4. Tap  and then tap **Reply**, **Reply All**, or **Forward**.
 - For **Reply** or **Reply All**, enter an additional message.
 - For **Forward**, enter or select recipients and then enter an additional message.

5. To send the message, tap ➤.

Email

Use the Email application to send and receive email from your webmail or other accounts, using POP3 or IMAP. You can also access your Exchange ActiveSync email and other features on your device.

[Add an Email Account](#)

[Add a Corporate Email Account](#)

[Setting Up a Corporate Email Account](#)

[Compose and Send Email](#)

[View and Reply to Email](#)

[Manage Your Email Inbox](#)

[Corporate Email Features](#)

[Edit Email Account Settings](#)

[Delete an Email Account](#)

[Add the Mail Widget](#)

Add an Email Account

Email allows you to review and create email using various email services. You can also receive text message alerts when you receive an important email.

1. Press  and tap  > **Settings** > **Accounts and sync** > **Add account** > **Email**.

Note: You can also add email and corporate email accounts from the Email application. Tap

 >  > **Settings**, and then tap  to display the Set up email screen.

2. Enter your email address in the **Email address** field.
3. Enter your password in the **Password** field and then tap **Next**.
 - Tapping **Next** prompts your device to attempt a "regular" email setup and test the incoming and outgoing servers. If you have custom settings you need to configure, tap **Manual setup** and enter your settings. These may include mail type, user name, password, server, security type, etc.

Tip: If you want to see your password as it is being typed, tap **Show password**.

4. At the **Account options** screen, tap the **Email check frequency** drop-down list box and select how often you would like your email to be checked.
5. Tap any of the other options you would like to create a checkmark.
6. Tap **Next**.
7. Enter a name for this email account (optional).
8. Tap **Done**.

Add a Corporate Email Account

The main Email application also provides access to your Outlook Exchange server via your device. If your company uses Microsoft Exchange Server 2003, 2007, or 2010 as the corporate email system, you can use this email application to wirelessly synchronize your email, Contacts, and Task information directly with your company's Exchange server.

Important! This Outlook application does not utilize Microsoft® ActiveSync® to synchronize the device to your remote Exchange Server. This synchronization is done wirelessly over the air (OTA) and not via a direct connection.

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

1. Press  and tap  > **Settings** > **Accounts and sync** > **Add account** > **Microsoft Exchange ActiveSync**. Proceed to Step 3 below.

Note: You can also add email and corporate email accounts from the Email application. Tap



> *<icon>* > **Settings**, and then tap  to display the Set up email screen.

2. Enter your **Email address** and **Password** information, and then tap **Next**. Consult your Network Administrator for further details.
 - **Email address:** your Outlook work email address.
 - **Password:** typically your network access password (case-sensitive).
3. Tap **Manual setup**.
4. Tap **Microsoft Exchange ActiveSync** (from the add email account screen).
5. When prompted to provide additional detailed information, scroll down the screen and tap **Next**.
6. Enter a **Domain\Username**, **Password**, and **Exchange Server** information.
 - **Domain\Username:** Use the arrow keys to place your cursor before your username and enter your network domain\desktop login username.

Important! Key info here is the **Domain** information. Maintain the “\” between the Domain and Username.

- **Password:** typically your network access password (case-sensitive).
- **Exchange Server:** your exchange server remote email address. Typically starts with **mail.XXX.com**. Obtain this information from your company network administrator. Do not accept the default entry as this is a guess based on returned information.
- If your network requires SSL encryption, tap the **Use secure connection (SSL)** field to place a checkmark in the box and activate this additional level of security.

Important! If your exchange server requires this feature, leaving this field unchecked can prevent connection.

Note: Signal interruptions or incorrect username or password information can cause completion issues.

7. Read the onscreen activation disclaimer and, if prompted, tap **Next**.
8. Configure your **Email check frequency**, **Amount to synchronize** (days to synchronize between your device and server), and activate any other email settings, and then tap **Next**.
9. Identify your new account with a unique name and provide the outgoing name text then tap **Done**.

Note: You can have multiple Work Email (Microsoft Exchange ActiveSync) accounts active on your device.

Compose and Send Email

Compose and send email using any account you have set up on your device. Increase your productivity by attaching files such as pictures, videos, or documents to your email messages.

1. Press  and tap .
2. From the Inbox, tap .
3. Select an email account. Tap the **From** field and select an available account.
4. Enter the message recipient's email address in the **To** field.
 - You can add as many message recipients as you want.
 - To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, tap  > **Add Cc/Bcc**.
5. Tap the **Subject** field and enter the email subject.

6. Tap the text entry field and compose your email.

- To add an attachment, tap . Choose from the following: **My Files**, **Picture**, **Take picture**, **Video**, **Capture video**, **Audio**, **Record audio**, **S Memo**, **Calendar**, **Contacts**, or **Location**.
- Tap  to delete a selected attachment from your current email.

7. To send the message, tap .

- To delete the current email message, tap  > **Discard**.

View and Reply to Email

Reading and replying to email on your device is as simple as on your computer.

1. Press  and tap .
2. On the email account Inbox, tap a message to view it.
3. Tap  (**Reply**),  (**Reply all**), or  (**Forward**) to reply to or forward the message.
 - If you're forwarding the message, add recipients in the **To** field.
4. Add a message (if desired) and then tap .

Manage Your Email Inbox

The following procedures allow you to view, refresh, sort, and delete your email messages.

View Your Email Inbox

1. Press  and tap .
2. Tap the account name field (upper-left) to open the complete email account list page.
3. Select an email account and tap an email message.

Refresh an Email Account

Whatever your automatic synchronization settings are, you can also synchronize your sent and received email messages manually at any time.

1. Press  and tap .

2. Select an email account.
 - If you are already in an email account, tap the account name field (upper-left) to open the complete email account list page.
 - Select an available email account.
3. Tap  (**Refresh**).

Sort Email Messages

1. On the email account Inbox, tap **<icon>** > **Sort by**.
2. Select from the options to sort email messages by date received, sender, read/unread, favorites, attachments, or priority.

Delete an Email Message

1. On the email account Inbox, touch and hold the message you want to delete.
2. On the options menu, tap **Delete**. Tap **Delete** again to confirm.

Delete Multiple Email Messages

- Tap the checkmark boxes to the left of each email you want to delete and then tap . Tap **Delete** again to confirm.

Corporate Email Features

The following information provides details about specific email features that can enhance your experience.

Synchronize Exchange ActiveSync Email

You can set Exchange ActiveSync to automatically check for new Exchange ActiveSync email messages. See [Synchronize Contacts](#) for more information.

Flag Email Messages

For an Exchange ActiveSync account, you can flag email messages to help you keep track of them.

1. Press  and tap .
2. On the email account Inbox, tap the flag icon to the right of the email message you wish to mark. The flag will turn red.

Set Out of Office Status

You can set your Out of Office status and auto-reply message right from your device.

1. Press  and tap .
2. Tap *<icon>* **More** > **Account settings** > **Out of office settings**.
3. Tap **On** and set the dates and times for the period when you will be out of the office.
4. Tap **Internal message settings** to modify the auto-replies to inter-office e-mail. Tap **External message settings** to modify the auto-replies to email received outside of your immediate office location
5. Tap **Set**.

Set Email Message Priority

You can set the priority for an email message you send with your Exchange ActiveSync account.

1. While composing the message, tap  > **Priority**.
2. Choose from one of the following: **High**, **Normal**, or **Low**.

Edit Email Account Settings

You can edit settings for your individual email accounts, such as email address and password, name display and signature, frequency of retrieval, and more.

1. Press  > *<icon>* and tap **Settings** > **Accounts and sync**.
2. Tap  next to the account field to reveal the account's synchronization settings screen.
3. Tap the account name and then tap **Settings** and configure additional account settings. If you have multiple email accounts, you may need to select the account name again.

Note: Not all options will be available for all email account types.

- **Account name** displays the name used by the device to track the account.
- **Your name** lets you edit the name attached to emails you send from the selected account.
- **Signature:** Lets you attach a customized signature to the bottom of all outgoing emails.
 - Touch and slide  to the right to turn it on .

- Tap the **Signature** field, change the current text, and tap **OK** to save the new signature.
- **Default account:** Assign this account as the default email account used for outgoing messages.
- **Always Cc/Bcc myself:** allows you to include your own email address in either the CC, Bcc, or None fields. Lets you always receive a copy of outgoing emails.
- **Forward with files:** lets you include attachments when forwarding an email.
- **Recent messages:** lets you select the number of messages displayed in the Recent messages queue.
- **Show images:** allows you to view embedded images located within the body of the currently displayed email.
- **Email check frequency:** adjusts the time interval used by your device to check your email account for new email messages.
- **Incoming settings:** Lets you specify incoming email settings, such as User name, Password, IMAP server, Security type, Port, and IMAP path prefix.
- **Outgoing settings:** Lets you specify outgoing email settings, such as SMTP server, Security type, Port, Require sign-in, User name, or Password.
- **Auto download attachments:** allows the device to automatically download email attachments when an active Wi-Fi connection is detected. This process speeds up the process of downloading an emails attachments for offline review by not using a 3G or 4G network connection.
- **Period to sync email:** assigns the sync range for your incoming and outgoing email messages between your device and your external exchange server. How many days worth of email messages should the device and server synchronize. Choose from: **1 day, 3 days, 1 week, 2 weeks, or 1 month.**
- **Empty server trash:** allows you to delete your email account's trash bin remotely.
- **Sync schedule:** allows you to configure your email sync schedule.
- **Out of office settings:** allows you to both activate/deactivate your email's out of office settings, and configure both the start/ end dates and your outgoing message.
- **Size to retrieve emails:** configures the incoming email size allowed to pass through to your device automatically without user interaction. Emails with attachments larger than configured will have to be retrieved manually.
- **Period to sync Calendar:** assigns a period for your device to sync calendar events. Choose from: **2 weeks, 1 month, 3 months, 6 months, or All calendar.**

- **Security options:** allows you to enable several security options such as: Encryption, Encryption algorithm, Sign, Sign algorithms, Email certificates, and Security policy list. These security policies could restrict some functions from corporate servers.
 - **Security policy list:** lists the current email's security policy. These policies could restrict some functions from corporate servers.
- **In case of sync conflict:** allows you to assign the master source on emails. If there is a conflict with the current email sync you can assign the server as the main source for all emails (**Update to device**) or assign the device to be the main source and update the server accordingly (**Update to server**).
- **Auto resend times:** enables the device to resend an outgoing email a specified number of times if delivery fails.
- **Email notifications:** enables the device to display a status bar icon when new email messages have been received.
- **Select ringtone:** assigns an audible ringtone when a new or upcoming event is pending.
- **Vibrate:** assigns a vibration when a new or upcoming event is pending.
- **Exchange server settings:** provides access to the Domain\user name, Password, and Exchange server settings.
- **Incoming settings:** lets you view and adjust your incoming (POP3 or IMAP) mail server settings for the selected account.
- **Outgoing settings:** lets you view and adjust your outgoing (SMTP) mail server settings for the selected account.
- **Sync email:** synchronizes emails between your device and the remote exchange server.
- **Sync contacts:** synchronizes the contacts between your device and the remote exchange server.
- **Sync calendar:** synchronizes your exchange calendar entries between your device and the remote exchange server.
- **Sync task:** synchronizes your exchange tasks entries between your device and the remote exchange server.

4. Press  twice to return to the previous screen.

Delete an Email Account

If you no longer want an email account on your device, you can delete it through the mail settings menu.

1. Press  > *<icon>* and tap **Settings** > **Accounts and sync**.
2. Tap an account and tap **Remove account**.
3. Tap **Remove account** again to confirm.

Add the Mail Widget

Add the Mail widget to view your POP3/IMAP or Exchange ActiveSync email messages on a Home screen.

1. Touch and hold an open space on one of the home screens.
2. Tap **Add to Home screen** > **Apps**.
3. Tap the **Widgets** tab, and then tap and hold an email widget.
4. Release the widget into an open space on one of your home pages.

Social Networking Accounts

Stay in touch on the go with all your social networking accounts. Post updates on Facebook and Twitter, review your LinkedIn contacts, see what everyone's talking about from YouTube, and more.

Facebook

Post updates, read what your friends are up to, upload pictures and check-ins, and more with on-the-go Facebook access.

Note: Before using Facebook on your device, you will need to download and install the Facebook for Android app from the Google Play Store app. Tap  > **Play Store**, search for Facebook, and follow the onscreen prompts to download and install the app. For more information, see [Find and Install an App](#).

Sign in to Your Facebook Account

1. Press  > *<icon>* and tap **Settings** > **Accounts and Sync** > **Add account**.
2. Tap **Facebook**.
3. Read the disclaimer and tap **Agree** to continue.
1. Read the setup overview and tap **Next** to continue.
2. Enter your Facebook username and password and tap **Log in**.

3. Select the information you want your Facebook account to synchronize with your device. Choose from:
 - **Sync Contacts** to sync your Facebook friends information and status with Social Hub and device Contacts.
 - **Sync Message** to sync Facebook messages with corresponding Contacts and Social Hub.
 - **Sync Calendar** to sync your Facebook calendar with your device Calendar.
4. Tap **Done**.

Note: You can also sign in to your Facebook account from the Facebook app. After downloading and installing the app, launch it from Google Play or from the apps screen. Follow the prompts to sign in to your account and select your sync preferences.

YouTube

YouTube™ is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts, and other original videos.

YouTube is a data-intensive feature. Sprint recommends that you upgrade to an unlimited data plan to avoid additional data charges.

1. Press  and tap  >  (**YouTube**).
2. Tap  to open the onscreen keyboard and tap the Search field to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, tap an available preview thumbnail or tap the title link.
4. Tap  to return to the previous page.

Note: It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options tap the **ACCOUNT** tab. Select an account (if available) or create a new account. (Even if you sign in to YouTube via the Web, you must separately sign in via your device.)

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.

1. Press  and tap  >  (**Talk**).
2. Tap **ADD ACCOUNT** to add a Google account to Google Talk.
 - Tap **New** to create a new Google account, or tap **Existing** to sign in to an existing Google account.
3. After entering your user name and password, tap **Sign in**.
4. Begin using Google Talk.

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

If you have already signed into your Google account, it displays on the Talk application screen.

Google Talk is operated in Speaker and Headphone mode only.

Applications and Entertainment

All your device's features are accessible through the Applications list.

DivX

Google Play Store App

Navigation

Music

Google Play Movies

Sprint TV & Movies

AllShare Play

Flipboard

Media Hub

NASCAR Sprint Cup Mobile

DivX

DivX is a digital media format that provides your device with high-quality videos.

DivX Legal Information

This device recognizes DivX[®] encoded media files. DivX[®], DivX Certified[®] and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

DivX Certified[®] to play DivX[®] video up to HD 720p, including premium content.

ABOUT DIVX VIDEO: DivX[®] is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified[®] device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified[®] device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu (tap **Apps** > **Settings** > **About device** > **Legal information** > **License settings** > **DivX[®] VOD** > **Register**). Go to www.divx.com/vod for more information on how to complete your registration. Google, the Google logo, Android, the Android logo, Google Play, Gmail, Google Mail, Google Maps, Google Music, Google Talk, Picasa, YouTube and other marks are trademarks of Google Inc.

If you try to play DivX VOD content not authorized for your device, the message "Authorization Error" will be displayed and your content will not play.] Learn more at www.divx.com/vod.

Important! DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to only registered DivX Certified devices.

Locating Your VOD Registration Number

Follow these procedures to locate your VOD registration number.

1. Press  and tap >  > **Settings** > **About device** > **Legal information** > **License settings** > **DivX® VOD** > **Register**.
2. Write down your Registration code.
3. Tap **OK**.

Register Your DivX Device for VOD Playback of Purchased Movies

To play purchased DivX movies on your Samsung Galaxy Tab2 10.1 device, you will first need to complete a one-time registration using both your device and your computer.

1. Write down the DivX registration code that appears onscreen. Copy this 8 or 10-digit number down.
2. Verify you have the latest DivX software running on your computer. Download the free player (for your computer) from www.divx.com/.
3. Open the DivX Player on your computer and from within the **VOD** menu and tap **Register a DivX Certified Device...**
 - You are prompted to log in or create a DivX account if your account information has not already been saved in DivX Player.
4. Follow the instructions in DivX Player to enter the registration code from step 2 and create a device nickname (for example, "Kate" or "P500").
5. Choose a location on your computer to download the DivX registration video with the same title as your device nickname (for example, Kate.divx).
6. Follow the onscreen instructions to download the file and initiate the transfer process.
7. Connect your Samsung Galaxy Tab2 10.1 to the computer via USB and transfer this video.
8. From the **Registration** screen (Transfer), select **USB** (the device) as the target destination for the registration video (created in step 6) and tap **Start**.

9. Press  and tap  >  (**My files**).
10. Tap a folder and scroll down or up until you locate your registration DivX video file.
11. Tap the file to play it. Once you play the registration file on your device, your registration is complete.

Return to the DivX VOD Manager screen (from within your computer's DivX Player) and confirm both your computer and your new device appears in the list of registered DivX devices.

Note: There is no special registration or configuration necessary to play back DRM-free DivX movies.

Registration of your device is only required for play back of protected DivX material.

Google Play Store App

The Google Play™ Store app is the place to go to find new Android apps, games, movies, music, and books for your device. Choose from a wide variety of free and paid apps ranging from productivity apps to games. When you find an app you want, you can easily download and install it on your device.

To access the Google Play™ Store app, you must first connect to the Internet using your device's Wi-Fi or Sprint 4G or 3G data connection and sign in to your Google Account. See [Web and Data](#) and [Sign In to Your Google Account](#) for details.

Important! Sprint's policies often do not apply to third-party applications. Third-party applications may access your personal information or require Sprint to disclose your customer information to the third-party application provider. To find out how a third-party application will collect, access, use, or disclose your personal information, check the application provider's policies, which can usually be found on their website. If you aren't comfortable with the third-party application's policies, don't use the application.

[Find and Install an App](#)

[Create a Google Checkout Account](#)

[Request a Refund for a Paid App](#)

[Open an Installed App](#)

[Uninstall an App](#)

[Get Help with Google Play](#)

Find and Install an App

When you install apps from the Google Play™ Store app and use them on your device, they may require access to your personal information (such as your location, contact data, and more) or access to certain functions or settings of your device. Download and install only apps that you trust.

1. Press  and tap  (**Play Store**).
2. Browse through the categories (**Apps**, **Games**, **Music**, **Books**, or **Movies**), find an app you're interested in, and tap the name.
3. Read the app descriptions.
4. Tap **Install** or **Download** (for free applications) or the price (for paid applications).

Important! Use caution with apps which request access to any personal data, functions, or significant amounts of data usage times.

Note: You need a Google Checkout account to purchase items from the Google Play Store app. See [Create a Google Checkout Account](#) to set up a Google Checkout account if you do not have one.

5. The subsequent screen notifies you whether the app will require access to your personal information or access to certain functions or settings of your device. If you agree to the conditions, tap **Accept & download** (for free apps) or **Accept & buy** (for paid apps) to begin downloading and installing the app.
6. If you selected a paid app, after tapping **Accept & buy**, you're redirected to the Google Checkout screen to pay for the application before it's downloaded to your device.

Warning! **Read the notification carefully!** Be especially cautious with apps that have access to many functions or a significant amount of your data. Once you tap **OK** on this screen, you are responsible for the results of using this item on your device.

Create a Google Checkout Account

You must have a Google Checkout account associated with your Google Account to purchase items from the Google Play Store app.

Do one of the following:

- ▶ On your computer, go to checkout.google.com to create a Google Checkout account.
- or -
- ▶ The first time you use your device to buy an item from the Google Play Store app, you're prompted to enter your billing information to set up a Google Checkout account.

Warning! When you've used Google Checkout once to purchase an item from the Google Play Store app, the device remembers your password, so you don't need to enter it the next time. For this reason, you should secure your device to prevent others from using it without your permission. (For more information, see [Security Settings](#).)

Request a Refund for a Paid App

If you are not satisfied with an app, you can ask for a refund within 24 hours of the purchase. Your credit card is not charged and the app is uninstalled from your device.

If you change your mind, you can install the app again, but you can't request a refund a second time.

1. Press  and tap .
2. Tap **<icon>** > **My apps** and tap the application you want removed and refunded.
3. Tap **Refund**.

Open an Installed App

There are several options for opening an installed app.

- Press  and tap  > (the application).
- or -

1. Press  and tap .
2. Tap **<icon>** > **My Apps**. On the Download screen, tap the app to open it.

Uninstall an App

You can uninstall any app that you have downloaded and installed from Google Play.

1. Press  and tap **<icon>** > **Settings** > **Application manager** > **Downloaded**.
2. Tap the app you want to uninstall, and then tap **Uninstall**.
3. When prompted, tap **OK** to remove the app from your device.
4. Once the app is removed, tap **OK** again to return to the Application manager.

Get Help with Google Play

If you ever need help or have questions about the Google Play Store app, tap  > **<icon>** > **Help**. The Web browser will take you to the Google Play Help Web page.

Navigation

Your device offers a number of location-based navigation programs to help you figure out where you are and get you where you're going.

Google Maps

Telenav™ GPS Navigation

Installing TeleNav GPS Navigator

Registering TeleNav GPS Navigator

TeleNav: Using TeleNav GPS Navigator

TeleNav: Getting Driving Directions

TeleNav: Creating a Favorites Location

TeleNav: Sharing a Recent Location with Others

TeleNav: Configuring Your Navigation Preferences

Google Navigation

Latitude

Google Maps

Use the Google Maps application to find directions, location information, business addresses, etc. Determine your current location with or without GPS, get driving and transit directions and get device numbers and addresses for local businesses.

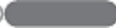
Before you begin using this feature you must activate your GPS hardware and agree to share location information with Google.

To enable your device's GPS Location feature:

1. Press  and tap **<icon> Settings > Location services**.
2. Tap **Use GPS satellites**. A green checkmark indicates the GPS location feature is enabled.

-  appears in the Notification area when the GPS is active.
-  appears in the Notification area when the GPS is communicating.

To launch the Google Maps application:

► Press  and tap  >  *< new icon >* (Maps).

To use Google Maps:

1. Press  and tap  > . *< new icon >*
2. Tap the magnification icons to zoom in or out of the current map view. If the magnification icons aren't displayed, use the spread and pinch gestures to zoom in and out.
3. Tap *<icon>* to use other Google Map features.
4. Choose from: **Clear Map, Settings (Display, Cache, Location Settings, Labs, What's New, About, Feedback, Terms, Privacy & Notices), or Help.**

To search for a keyword:

1. Press  and tap  > . *< new icon >*
2. Tap .
3. Enter your search terms and tap .
- This keyword can be a category name (such as pizza, steak, burger), a business name (Samsung, Sprint), or a Google friend who is sharing their location.
4. Tap **Results List** to see a detailed list of information corresponding to those matches now displayed on your screen with lettered pins.

TeleNavTM GPS Navigation

TeleNav GPS Navigator gives you turn-by-turn directions onscreen and over speakerdevice. In order to use this application, you must first turn on the Enable GPS Satellites setting.

Depending on your service plan, TeleNav may require a monthly subscription. Contact Sprint for information and pricing.

Some features may be available only with a subscription to TeleNav GPS Navigator Premium.

Installing TeleNav GPS Navigator

TeleNav GPS Navigator must be downloaded and installed from the Google Play Store app.

1. Press  and tap .
2. Tap  and search for "telenav".

3. Tap **TeleNav GPS Navigator** from the results list.
4. Tap **Install**, and then tap **Accept & download**.
5. When the download has completed, tap **Open**. To open the app from the home screen, tap  >  (**TeleNav GPS Navigator**).

Registering TeleNav GPS Navigator

Before you can use the TeleNav GPS Navigator, your device and service must be registered.

1. Press  and tap  >  (**TeleNav GPS Navigator**).
2. Read the disclaimer and tap **Accept** to acknowledge the terms of use.

TeleNav: Using TeleNav GPS Navigator

Below are procedures for accessing the TeleNav GPS Navigator and definitions of each feature.

1. Press  and tap  > .
2. Select an option and follow the onscreen instructions to take advantage of TeleNav's full suite of features.
 - **Drive To** lets you get driving directions from wherever you are to wherever you're going. Choices include:
 - **Set up Home**: default starting location for all driving directions.
 - **Set up Work**: alternate common starting location.
 - **Favorites**: user-defined favorite locations.
 - **Recents**: recently entered locations.
 - **Airports**: local airports based on current GPS location.
 - **Contacts**: those local addresses assigned to previously entered Contacts.
 - **Places** lets you search for locations from dozens of names or category options such as **Food/ Coffee, Gas Stations, Gas by Price, Banks/ATMs, WiFi Spots, Parking Lots, Hotels & Motels, Movie Theaters**, etc.
 - **Maps & Traffic** provides access to a 2D map of your current location, access to real-time traffic information, and other additional features.
 - **Local Apps** allows you to search for **Movies** by title, location and time.

TeleNav: Getting Driving Directions

The built-in GPS hardware (when enabled) allows you to get driving directions to selected locations or establishments based on your current location.

Using a Physical Address

1. Press  and tap  >  > **Drive To**.
2. Enter an address or business in the search bar.
3. Tap a location in the **Search Results** list, and then tap any of the address fields to then enter respective information (Address, City, State/ZIP, and Country). As you enter an address, potential matches appear onscreen. Tap a match to immediately get directions to that location.

To receive turn-by-turn directions (2D):

1. Press  and tap  >  > **Drive To**.
2. Enter an address or business in the search bar, and then tap **Done**.

Note: A 2D map is a flat representation of your projected driving directions. A 3D map represents the driving directions with a representation of depth.

3. Tap a location in the **Search Results** list.
4. Tap the green button containing the location address.

Using a Local Business Category

The Samsung Galaxy Tab2 10.1 can also cross-reference your current location with local business and points of interest, such as Grocery Stores, Gas Stations, Wi-Fi Spots, Malls, Hospitals, etc.

1. Press  and tap  >  > **Places**.
2. Enter a keyword into the **Name or Category** field to begin retrieving matches. Once you see a matching business name, tap the entry.
3. Tap the **Category** field and then choose from one of the available category entries by tapping an onscreen entry such as: **Food/Coffee, Gas Stations, Gas by Price, Banks/ATMs, WiFi Spots, Hospitals**, etc.
 - Entries with more than one available category (a subcategory) appear with an adjacent gray arrow. These entries can be expanded and then closed.
4. Tap **Search** to store your information and begin the search.

5. Tap a matching entry based upon star ratings and distances.

To search for the lowest gas price in your area:

1. Press and tap > > **Places** > **Gas** > **By Price (Regular, Plus, Premium, Diesel)**.
2. Tap an entry from the list to display a new route to the selected gas station.

TeleNav: Creating a Favorites Location

Once you have begun using TeleNav GPS Navigator to find your destination, you can then either recall those locations and add them to your list of favorite destinations or create a new entry from one of the available location categories (Address, Business, Airport, or Contacts).

To create a My Favorites location from your Current Location:

1. Press and tap > > **Drive To** > **Favorites** > **Edit** > > **Current Location**.
2. Tap **Add** to complete the process.

To create a My Favorites location from a Recent place:

1. Press and tap > > **Drive To** > **My Favorites** > **Edit** > > **Recents**.
2. Tap a previous destination location from the list and tap **Add**.

TeleNav: Sharing a Recent Location with Others

Recently queried locations can be saved to your My Favorites list and also shared with other cellular devices.

1. Press and tap > > **Drive To** > **Recents**.
2. Touch and hold the address of your choice.
3. Tap **Share**. Choose from: **Select from Contacts** or **Enter Device Number**.
4. Tap **Done** and then tap **Send** to complete the delivery process.

TeleNav: Configuring Your Navigation Preferences

Below are procedures to help you configure your TeleNav preferences.

1. Press and tap > .

2. Tap **<icon>** > **Settings**.
3. Tap an entry to change its current setting:
 - **Profile:** allows you to add personal information registered with the service.
 - **Name:** allows you to alter the current first and last name registered with the service.
 - **Email:** allows you to associate an email account with this application.
 - **Username:** allows you to add a username to your profile.
 - **General:** allows change general settings, including:
 - **Region:** displays the continent on which you are currently located.
 - **Language:** allows you to assign a current language. Default is **English (US)**.
 - **Distance Units:** allows you to alter the descriptions used for distances: **Km/Meters** or **Miles/Feet**.
 - **Navigation:** lets you change navigation settings, including:
 - **Route Setting:** allows you to choose the method which is used to provide you directions from Point A to Point B. Default is **Fastest**.
 - **Map Color:** allows you to alter the appearance of the onscreen map: **Auto**, **Daytime**, or **Nighttime**.
 - **Map Style:** allows you to set up a preferred traffic display view: **2D Moving Maps** (default) or **3D Moving Maps**.
 - **BackLight:** allows you to assign the backlight settings: **Always On**, **On at Turns**, or **Device Default**.
 - **Traffic Incident Alert:** allows you to receive alerts about traffic issues located on your selected route.
 - **Audio:** lets you change the audio readout given during your navigation session:
 - **Audio Guidance:** allows you to setup the level of detail used for the directions when spoken: **Directions & Traffic**, **Directions Only**, **Traffic Only**, **None**.
 - **Audio During Connection:** allows you to choose whether or not directions are read aloud during a device connection.
 - **Home Address:** allows you to enter your home address. This location displays on the Drive To screen for easy access.

- **Work Address:** allows you to enter your work address. This location displays on the Drive To screen for easy access.

Google Navigation

Another Google Maps navigation application is available on your device. It uses your current location (provided by GPS communication to your device) to provide various location-based services.

1. Press  and tap  >  (**Navigation**).
2. Read the onscreen disclaimer and tap **Accept**.
3. Choose from the following onscreen options:
 - **SHORTCUTS** tab
 - **Speak Destination** to use the voice recognition feature to search for matching locations in your area.
 - **Type Destination** to manually enter a destination address.
 - **Go home** to set your home address for easy access.
 - **Map** to display your current location on a map.
 - **CONTACTS** tab: to receive turn-by-turn directions to the address stored for a selected Contacts entry.
 - **STARRED** tab: to obtain directions to locations that have been starred within Google maps (maps.google.com).

Latitude

Latitude lets you see your friends' locations and share yours with them. The application also lets you see your friends' locations on a map or in a list.

Music

Your device lets you discover, download, and listen to your favorite music through a variety of applications.

[Sprint Music Plus](#)

[Music Player](#)

[Google Play Music](#)

Sprint Music Plus

Sprint Music Plus is Sprint's official music store. It gives you exactly that with a full-featured music and tone manager allowing you to easily manage your music content all in one convenient place. Sprint Music Plus lets you rock out while you create music and ringtone playlists, assign ringback tones to play for different callers, and get song recommendations based on your music tastes.

Installing Sprint Music Plus

Sprint Music Plus must be downloaded and installed from the Google Play Store app.

1. Press  and tap .
2. Tap  and search for "sprint music plus".
3. Tap **Sprint Music Plus** from the results list.
4. Tap **Install**, and then tap **Accept & download**.
5. When the download has completed, tap **Open**. To open the app from the home screen, tap  > **Sprint Music Plus**.

Using Sprint Music Plus

1. Press  and tap  >  (**Sprint Music Plus**).
2. Follow the onscreen instructions.

Music Player

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

Playing Music

1. Press  and tap  >  (**Music Player**).
2. Tap a library category at the top of the screen (**All**, **Playlists**, **Albums**, **Artists**, **Music square**, or **Folders**) to view the available music files.
3. Scroll through the list of songs and tap an entry to begin playback.

Google Play Music

Google Play Music lets you browse, shop, and play back songs purchased from the Google Play Store app, as well as songs you have loaded from your own music library. The music you choose is automatically stored in your Google Music library and instantly ready to play or download.

1. Press  and tap  >  (**Play Music**).
2. If prompted, follow the onscreen instructions to link your current account to Google Play Music.
3. Tap an onscreen account to add it or select **Add account** to use a new account.
4. At the free songs screen, select either **Get free songs** or **Skip**.
 - Get free songs are downloaded via either the Internet or the Google Play Store app.
 - Follow the onscreen download and installation instructions.
5. Swipe left or right to browse through your music groupings (Recent, Artists, Albums, Songs, Playlists, and Genres).
6. Tap a category and then tap a song to open it and begin playback.

Changing Library View

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

1. Press  and tap  > .
2. Available tabs include: **RECENT**, **ARTISTS**, **ALBUMS**, **SONGS**, **PLAYLISTS**, or **GENRES**.

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

Searching for Music in Your Library

1. Press  and tap  > .
2. Tap  to search through your available songs.
3. Type the name of an artist, album, song, or playlist. Matching songs are displayed in a list below the search box.
4. Tap a matching song to play it, tap a matching album, artist or playlist to view a list of its songs.

Changing Music Settings

1. Press  and tap  > .
2. Tap  and then make a selection.
 - **Shuffle all:** Play all songs in a random order.
 - **Make available offline:** Stores non-local music files to a local folder location.
 - **Offline music only:** Shows only offline local music files.
 - **Settings:** Provides access to the Play Music settings.
 - **Help:** Displays application help information.

Listening to Music

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

Press the volume keys on the side of the device to activate onscreen volume control and then touch and drag on the scale to set volume.

Playing Music

1. Press  and tap  > .
2. Tap a song in your library to listen to it.

- or -

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

- or -

While viewing a list of albums, artists, playlists, or genres, tap  adjacent to the label and tap **Play**.

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

Note: If you navigate away from the Now playing screen in the Music application, the Now Playing bar appears at the bottom of the screen.

Displaying the Now Playing Screen

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

- ▶ Tap the name of the current song in the Now Playing bar.

Tab Options

There are various options available from the various tabs:

1. Press  and tap  > .
2. Select one of the following tabs and tap  to access an available option.
 - **RECENT:** to display the most recently played songs and albums
 - **ARTISTS:** Play, Add to playlist, Shop for artist, or Search.
 - **ALBUMS:** Play, Add to playlist, More by artist, Shop for artist, or Search
 - **SONGS:** Play, Add to playlist, Shop for artist, Share, or Search.
 - **PLAYLISTS:** Play, Rename, or Delete.
 - **GENRES:** Play, Add to playlist, More by artist, Shop for artist, or Search.

Options While Playing a Song

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

1. Press  and tap  > .
2. Tap an album or song.
3. From the Now playing screen, tap **<icon>** to display the following options:
 - **Sound effects:** Lets you apply specific equalizer settings.
 - **Show options:** View additional playback features such as shuffle and repeat.
 - **Make instant mix:** Lets you automatically compile songs of similar genre to a playlist.
 - **Settings:** Allows you to view all the Google Play Music settings.
4. Tap  > **Add to playlist** to add the song to a playlist.

- or -

Tap  >  > **Add to playlist** to add the song to a playlist.

5. Tap the **ARTIST** name to view songs related to this artist.
6. Tap the **ALBUM** name to view or play other songs on the album.

Google Play Movies

The Google Play Movies application allows you to connect to the Google Play Store app, download a movie and then watch it instantly. Choose from thousands of movies, including new releases and HD titles in Google Play and stream them instantly on your Android device. Previously rented movies are automatically added to your My Movies library across your devices. Learn more about Google Play Movies at: play.google.com/about/movies.

1. Press  and tap  > .
2. Log in to your Google account if you have not already done so. A list of videos sorted on the SD card displays in the Video list.
3. Follow the onscreen instructions for renting and viewing movies.
4. Tap the **My Rentals** tab to view movies you have rented.
5. Tap the **Personal Videos** tab to view movies you have on your device or memory card.

Sprint TV & Movies

The Sprint TV & Movies application offers a wide variety of accessible channels. Subscription options include comprehensive basic packages as well as a full menu of “a la carte” channels. Visit www.sprint.com/tvguide for more information on channels and pricing.

Note: Available categories and content are subject to change. Visit sprintchannels.mobitv.com for more information on channels and pricing.

Installing Sprint TV & Movies

Sprint TV & Movies must be downloaded and installed from the Google Play Store app.

1. Press  and tap .
2. Tap  and search for "sprint tv".
3. Tap **Sprint TV & Movies** from the results list.
4. Tap **Install**, and then tap **Accept & download**.

5. When the download has completed, tap **Open**. To open the app from the home screen, tap  > **Sprint TV & Movies**.

Note: The first time you launch the app, you may be prompted for an update. Tap **Update** and follow the onscreen instructions.

Watch TV

1. Press  and tap  >  (**SprintTV & Movies**). Depending on your settings, your device may prompt you to accept a data connection.
2. Select **Live TV**, **On Demand**, **Movies**, **Shop**, or **Help** to display channel options.
3. Tap an entry to select a channel from the Sprint TV listings or to select an available category.
 - The first time you access a channel, the system will prompt you to purchase access (unless the channel doesn't have a monthly fee). Tap **Subscribe** to purchase access, or tap **Preview** to view a preview of the selected channel.
4. Tap a desired clip to view the program. The clip will automatically load and begin playing.
5. Scroll through the channels to view more selections. Once you find a channel that you want to watch or listen to, simply tap it and wait approximately three seconds, and the channel begins loading.

Note: The first time you access a channel, the system will prompt you to purchase access (unless the channel doesn't have a monthly fee). Tap **Subscribe** to purchase access, or tap **Preview** to view a preview of the selected channel.

Tip: Scroll through the channels to view more selections. Once you find a channel that you want to watch or listen to, simply tap it and wait approximately three seconds, and the channel begins loading.

AllShare Play

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

It allows users to share their in-device media content with other external devices using DLNA certified™ (Digital Living Network Alliance) Devices. These external devices must also be DLNA-compliant. Wi-Fi capability can be provided to TVs via a digital multimedia streamer.

Important! You must first connect both of your communicating devices to the same Wi-Fi network and be using an active/registered Samsung account prior to using this application.

Important! The Samsung account manages the access information (username/password) to several applications, such as AllShare Play, ChatOn, and Media Hub.

1. Confirm you have already logged in to your Samsung account. There should be no  icon in the Notifications area of the screen.
2. Press  and tap  >  (**AllShare Play**).
3. If prompted, read the onscreen message about network charges and tap **Yes** to continue and return to the main AllShare Play screen.

Note: If the main screen still shows a Sign in box, close the application and restart it.

4. Tap **Start** and follow the onscreen prompts.

The application contains two separate streaming media options:

- **Web storage** allows you to receive and playback media stored externally (server, laptop, etc.) directly on your device by allowing you to add a Web storage service for streaming content.
- **Devices** allows you to stream/share selected multimedia content from your device to DLNA-compliant devices connected to the same Wireless Access Point.

Configuring AllShare Settings

The AllShare Play™ application must first be configured prior to its initial use. You must set up parameters such as connected Wi-Fi, Items to share, source server address, and external device acceptance rights.

1. Press  and tap  > .
2. Tap **<icon>** > **Settings** and configure the following settings as desired:
 - **Web storages:** allows you to add a Web storage locations. Without a storage service/location added, you will not be able to use AllShare Play.
 - **Devices:** defaults to your device. This indicates the source of the streaming images and videos. Use the main screen to add more external devices.
 - **Setting up web services:** allows you to set up external Web services by signing in to external sites such as Facebook, YouTube, etc.

- **Auto Upload photos from mobile:** allows you to set up automatic upload of images from your device to those storage locations specified within the Web storage list.
- **Video quality settings:** allows you to set up the video quality for streamed video content.
- **Lock AllShare Play:** allows you to restrict access to AllShare Play by requiring a user enter the currently active and associated Samsung account password. Tap Locking AllShare Play to activate/deactivate the feature.
- **Language:** allows you select a display language.
- **About:** displays application information.
- **Contact Us:** allows you to contact the AllShare team via a new email from an available email account.

Setting Up Web Storage

SugarSync is a Web storage service that allows you to use up to 5GB of storage space to store your files and share them on the “Cloud”.

Note: If you are using another Web storage service, log into that service first before using AllShare Play.

1. Press  and tap  > .
2. Tap  and then tap the media file you want to share.

Note: If this is your first time to use the service, set up a new account by tapping **Sign up > SugarSync Sign Up**.

3. If you already have a current Sugar Sync account, tap **Sign in**.
4. Enter your Email address and your password.
5. Agree to the terms of service and tap **Sign up** or **Go** on your onscreen keyboard.
6. You can choose to download the SugarSync app or tap **Skip** to continue.
7. Once the process is successfully completed, the Web storage icon or name appears in the Web storage area of the main screen.

Sharing Files via Web Storage

Files can be uploaded to a Web storage location, such as SugarSync by either logging in to the service and sharing a folder on your computer with the storage location or sharing files, images, and videos from your device.

Upload an Image from Your Device to Web Storage

1. Press  and tap  (**Gallery**).
2. Select a folder location (such as Camera) and open an image by tapping it once. This opens the image in the preview window.

Note: To select multiple images, touch and hold an image to place a colored border around the selected images.

3. Tap  from the top of the Gallery screen.

Upload a Video from Your Device to Web Storage

1. Press  and tap  (**Gallery**).
2. Select a folder location and then touch and hold a video to place a border around the selected file.
3. Tap  from the top of the Gallery screen.

Sharing Media via AllShare Play to a Target Device

Follow the procedures below to share media with a device through AllShare Play.

Important! Make sure all communicating devices are connected to the same Wi-Fi network.

1. Launch AllShare on a target device, such as an Internet TV, Samsung Tablet, etc.
2. On your device, press  and tap  > .
3. Tap your device name under the **Devices** list.
4. Tap an available category tab (**Pictures**, **Music**, **Movies**, **Files**, or **Info**) and select a file.
 - A file with  in the upper left indicates it is stored remotely on a Web storage location. Selecting this media causes your device to access the file currently stored on your services' servers.
5. Tap an available onscreen file, image, or video and then tap  to begin streaming the selected files.
6. On a target device (such as Internet TV), select the onscreen **Allow** button to continue.

Note: At this stage your device is requesting access to share media with the external source.

AllShare Play Screen Sharing via Group Cast

Follow the procedures below to share via Group Cast.

Important! Verify all of your recipients are connected to the same Wi-Fi network.

1. Press  and tap  (**Gallery**).
2. Tap  >  (**AllShare Play - Group Cast**).
3. Enter a security PIN and tap **Done**.
4. Re-enter your PIN and tap **Done**. Your device waits for other connected recipients to accept the connection and enter the PIN on their screens.

- or -

Tap **Start Group Cast anyway** to continue the process while your users connect.

Peel Smart Remote

Flipboard

The Flipboard application creates a personalized digital magazine out of everything being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.

1. Press  and tap  >  (**Flipboard**).
2. Tap **Get started**, select the desired onscreen categories and then tap **Done**.

- or -

1. Tap **Sign In** to log into your previously created profile.
2. Follow the onscreen instructions.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available, entertaining your family on the go was never easier. You can rent or purchase your favorite content and watch from any location. 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: You must have the Samsung Account application installed and registered prior to using Media Hub.

Important! You must be using an active Wi-Fi/4G connection to preview and download a media file. The internal memory acts as a storage location for your downloaded rental or purchase.

Important! The Samsung account manages the access information (username/password) to several applications, such as AllShare Play, ChatOn, and Media Hub.

Creating a New Media Hub Account

Before you can rent or buy media using Samsung MediaHub, you must first create an account. Enter the required information.

1. Press  and tap  >  (**Media Hub**).
2. Read the Terms and Conditions screen and then tap the **I agree to the Terms and Conditions** check box.
3. Tap **Accept** to continue or **Decline** to exit. The Media Hub screen displays.
4. Tap  > **My Profile**.
5. Confirm your Samsung account email address and enter your password. Tap **OK** to confirm.

Using Media Hub

Follow the below procedures to use Media Hub.

1. Press  and tap  >  (**Media Hub**).
2. From the Media Hub screen, **What's New** displays with recently added media that you can rent or purchase.
3. The following tabs are displayed at the top of the screen:
 - **Home:** displays the Media Hub main screen.
 - **Movies:** displays movies that are available for rent or purchase. Scroll through the top navigation bar and select a movie category. The movies of that type will be displayed below.
 - **TV Shows:** displays TV shows that are available for purchase. Scroll through the top navigation bar and select a TV category. The TV shows of that type will be displayed below.

- **My Media:** allows you to view all of the media that you have purchased or rented. Tap a media entry to view it.
- 4. Scroll through the media listings and tap on an item you would like to purchase or rent.
- 5. Tap **Buy** or **Rent**.
- 6. Choose a payment method and then follow the onscreen instructions. The media is stored to the **My Media** folder.

Media Hub Notices

The following information outlines notices regarding the use of Media Hub.

- Any media item (Media Content) may be rented or purchased after you create an account in Media Hub.
- Media Content that is downloaded may be viewed concurrently on up to five (5) devices with Media Hub that are also registered to the same account.
- You may choose to remove a device from your account no more than once every 90 days.
- You may remove Media Content from a device as many times as you'd like. You will have the ability to re-download the Media Content at a later point in time subject to content re-download availability and studio permissions.
- You **MUST** be in network coverage to license Media Content you have acquired through the Service.
- You can use 3G, 4G, or Wi-Fi connectivity in order to download Media Content.
- Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account.
- Media Content is downloaded and saved onto the SD card.
- Your Media Content may pause/stop or not download in networks where there is a weak signal.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching rented Media Content within 24 consecutive hours of start of playback.
 - Stopping, pausing or restarting rented Media Content does not extend the available viewing time.

- In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (for example, if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).
- You cannot play any media content downloaded from Media Hub through any output on your mobile device, including All Share.

NASCAR Sprint Cup Mobile

Now you have the ability to get every bit of NASCAR coverage, news, and stats right on your device.

Installing NASCAR Sprint Cup Mobile

NASCAR Sprint Cup Mobile must be downloaded and installed from the Google Play Store app.

1. Press  and tap .
2. Tap  and search for "nascar sprint cup".
3. Tap **NASCAR Sprint Cup Mobile** from the results list.
4. Tap **Install**, and then tap **Accept & download**.
5. When the download has completed, tap **Open**. To open the app from the home screen, tap  > **NASCAR**.

Using NASCAR Sprint Cup Mobile

1. Press  and tap  >  (**NASCAR**).
2. If prompted, read the permission check disclaimer, make a selection and tap **OK**. Follow the onscreen instructions until you reach the main NASCAR Sprint Cup Mobile page.
3. Tap an onscreen option to activate features that include:
 - **Home** is the main NASCAR homepage where you can view stats on a current race, choose to follow a specific driver, view special NASCAR promotions and other NASCAR-specific multimedia content.
 - Tap  to return to the main NASCAR page. This applies to each of these options.

- **Leaderboard** launches an onscreen board showing the ranking of leaders in the competition.
- **Race Recap** provides overviews of the current races, pictures, commentary, additional photos, and race stats.
- **SPEED** displays a list of selectable multimedia video clips from the SPEED channel that are specific to NASCAR.
- **Point Standings** displays the total points awarded to drivers, each listed in order of position (highest to lowest).
- **My Driver** to customize your NASCAR experience by following specific drivers. Information includes driver-specific stats and NASCAR RSS feeds. You can also get additional stats, review other driver info, or change drivers.
- **Stats & Schedule** lets you track race information such as: **NSCS Recap**, **NNS Recap**, **Point Standings**, **Season Stats**, and **Schedule**.
- **Miss Sprint Cup** is your insider to NASCAR by providing news, information, blogs and twitter updates to the goings-on within NASCAR photos, etc. for the All-Star race.
- **Video** displays a list of selectable multimedia content. Other features include streaming multimedia content from NASCAR radio stations or other racing radio shows.
- **News & Alerts** provides you with quick access to NASCAR-specific news, photos, and driver stats. You can also customize alerts for new information such as ALL NASCAR News, Sprint Cup News, etc.
- **Twitter** lets you receive the latest Twitter updates, including those for My Driver, Media, Track, MSC, and MSC Friends.
- **Fantasy** lets you take part in online fantasy racing, access Fantasy Insight, Fantasy News, and Fantasy Videos. You will have to login using a NASCAR.COM Community login. If you do not have this information, visit www.community.nascar.com to get an account.
- **FanZone** displays a list of selectable content available to Sprint subscribers such as Sweepstakes, Video clips (footage and music) and Screensavers.
- **Settings & Help** displays help information for usage of the NASCAR application and features.
- **Exit** to quit the NASCAR application.
 - Tap  > **Exit**.

Web and Data

The following topics address your device's data connections and the built-in Web browser. Additional data-related features can be found in [Accounts and Messaging](#), [Applications and Entertainment](#), and [Tools and Calendar](#).

Your device's data capabilities let you wirelessly access the Internet or your corporate network through a variety of connections, including:

[Wi-Fi](#)

[Data Services \(Sprint 3G\)](#)

[4G Services](#)

[Virtual Private Networks \(VPN\)](#)

[Browser](#)

[Sprint Hotspot](#)

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your device's Wi-Fi, you need access to a wireless access point or "hotspot".

The availability and range of the Wi-Fi signal depends on a number of factors, including infrastructure and other objects through which the signal passes.

Turn Wi-Fi On and Connect to a Wireless Network

By default, your device's Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range Wi-Fi networks (or WAPs - wireless access points).

Turn Wi-Fi on:

- Press  > and tap *<icon>* > **Settings** > **Wi-Fi**. The On/Off slider displays ON when Wi-Fi is active.

Tip: You can also turn Wi-Fi on and off through the Notifications panel. Drag the Notifications panel down and tap **Wi-Fi** to enable or disable Wi-Fi.

Note: Wi-Fi networks are self-discoverable, which means no additional steps are required for your device to connect to a Wi-Fi network. It may be necessary to provide a user name and password for certain closed wireless networks.

To connect to a Wi-Fi network:

1. Press  > and tap *<icon>* > **Settings** > **Wi-Fi**.
2. The network names and security settings (Open network or Secured with xxx) of detected Wi-Fi networks are displayed.
 - When you select an open network, you will be automatically connected to the network.
 - When you select a secured network, you will need to enter the wireless password to connect to the network. Enter the password and tap **Connect**. You can use the **show password** option to display the password as you enter it.

To manually add a new network connection:

1. Tap **Add network**.
2. Enter the Network SSID. This is the name of your Wi-Fi network.
3. Tap the **Security** field and select a security option. This must match the current security setting on your target network.
4. Tap **Save** to store the new information and connect to the Wi-Fi network.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the wireless password again, unless you reset your device back to its factory default settings.

To manually scan for a Wi-Fi network:

1. Press  and tap *<icon>* > **Settings** > **Wi-Fi**.
2. Tap **Scan**.

Check the Wireless Network Status

The following information is designed to help you check your wireless connection.

1. Press  and tap *<icon>* > **Settings** > **Wi-Fi**.
2. Tap the wireless network that the device is currently connected to. You will see a message box showing the Wi-Fi network name, status, speed, signal strength, and other details.

Note: If you want to remove the device's wireless network settings, tap **Forget** on this window. You will need to enter the settings again if you want to connect to this wireless network.

3. The following icons show your Wi-Fi connection status at a glance:



Wi-Fi is connected and active.



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

Connect to a Different Wi-Fi Network

The following information is designed to help you connect your device to a different Wi-Fi network.

1. Press  and tap **<icon>** > **Settings** > **Wi-Fi**.
 - Detected Wi-Fi networks are displayed. To manually scan for available Wi-Fi networks, on the Wi-Fi settings screen, tap **Scan**.
2. Tap another Wi-Fi network to connect to it.

Note: If the wireless network you want to connect to is not in the list of detected networks, scroll down the screen, and tap **Add network**. Enter the wireless network settings and tap **Save**.

Data Services (Sprint 3G)

With your Sprint service, you are ready to start enjoying the advantages of data services. The following topics will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your device.

Important! Certain data services requests may require additional time to process. While your device is loading the requested service, the touchscreen keyboard may appear unresponsive when in fact it is functioning properly. Allow the device some time to process your data usage request.

Your Data Services User Name

When you buy your device and sign up for service, you're automatically assigned a user name, which is typically based on your name and a number, followed by "@sprintpcs.com". (For example, the third John Smith to sign up for Sprint data services might have jsmith003@sprintpcs.com as his user name.)

When you use data services, your user name is submitted to identify you to the Nationwide Sprint Network. Your user name is automatically programmed into your device. You don't have to enter it.

Update Your User Name

If you choose to change your user name and select a new one online, or make any changes to your services, you must then update the profile on your device.

1. Press  and tap **<icon>** > **Settings** > **System update**.
2. Tap **Update Profile**.

Launch a Web Connection

Follow the below procedure to launch a Web connection.

- Press  and tap  (**Internet**). (Your data connection starts and you see the home page.)

The Browser automatically launches when a Web link is touched from within either an email or a text message.

Note: The first time you access the Web on your device, you may be prompted to sign in with your device number. Enter your number and tap **Ok**.

4G Services

4G is a service that must be included in your service plan and also available within your area. 4G coverage is currently available in only certain markets. For more details on 4G availability go to: www.sprint.com/4G and click the **See the coverage map** link from the bottom of the page.

Note: If 4G service is not included in your service plan, the 4G icon will not appear in the Notifications area.

4G is up to 10x faster than 3G (based on download speed comparison of 3G's ~600 kbps vs. 4G's ~ 6 Mbps). (Actual speeds may vary.)

Not all services are available on 4G and coverage may default to 3G/separate network where 4G unavailable.

Important! 4G service must be added to your account before attempting a connection to the 4G network.

Depending on which icons appear within the Notifications area, your services and features will change. The following table indicates what functions and features are available when combinations of these service icons appear:

Icon	Description
	3G Device Coverage Available – Device coverage available only, no 3G/4G data available. 4G turned Off.
	3G Device and Data Available – Sprint 3G data service is available and active. 4G is turned Off.
	3G Available - No 4G coverage – Sprint 3G data service is available and active. 4G is turned On but there is no 4G coverage (disconnected from network).



3G unavailable - 4G Available – No 3G data available. Sprint 4G is turned on and coverage is available, 4G signal strong.

Virtual Private Networks (VPN)

From your device, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.

[Prepare Your Device for VPN Connection](#)

[Set Up Trusted Credential Storage](#)

[Add a VPN Connection](#)

[Connect to a VPN](#)

[Disconnect From a VPN](#)

Prepare Your Device for VPN Connection

Depending on the type of VPN you are using at work, you may be required to enter your login credentials or install security certificates before you can connect to your company's local network. You can get this information from your network administrator.

Before you can initiate a VPN connection, your device must first establish a Wi-Fi or data connection. For information about setting up and using these connections on your device, see [Launch a Web Connection](#) and [Turn Wi-Fi On and Connect to a Wireless Network](#).

Set Up Trusted Credential Storage

If your network administrator instructs you to download and install security certificates for VPN access, you must first set up the device's secure credential storage.

1. Press  and tap **<icon>** > **Settings** > **Security**, and then tap **Screen lock > Password**.
2. Enter a new password (at least eight characters without any spaces), tap **Continue**, re-enter the password, and then tap **OK**.
3. Tap **Trusted credentials** and then tap your preferred System and User credentials.

You can then download and install the certificates needed to access your local network. Your network administrator can tell you how to do this.

Add a VPN Connection

The following procedures outline the method to use when adding a VPN connection.

1. Press  and tap **<icon>** > **Settings** > **More settings** > **VPN**.

2. Tap **Add VPN network**, and then enter the information for the VPN you want to add.
 - Information includes **Name**, **Type**, **Server address**, **PPP encryption (MPPE)**, and **Show advanced options**.
3. When finished, tap **Save**.

The VPN is then added to the VPNs section of the VPN settings screen.

Connect to a VPN

The following describes how to connect to a VPN.

1. Press  and tap *<icon>* > **Settings** > **More settings** > **VPN**.
2. In the VPNs section, tap the VPN that you want to connect to.
3. When prompted, enter your login credentials, and then tap **Connect**. When you are connected, the VPN connected icon appears in the notification area of the title bar.
4. Open the Web browser to access resources such as intranet sites on your corporate network.

Disconnect from a VPN

The following describes how to disconnect from a VPN connection.

1. Touch and hold the title bar, and then drag down to open the Notifications panel.
2. Tap the VPN connection to return to the VPN settings screen, and then tap the VPN connection to disconnect from it.

When your device has disconnected from the VPN, the VPN disconnected icon displays in the notification area of the title bar.

Browser

Your device's Web browser gives you full access to both mobile and traditional websites on the go, using 3G, 4G, or Wi-Fi data connections.

[Learn to Navigate the Browser](#)

[Browser Menu](#)

[Select Text on a Web Page](#)

[Go to a Specific Website](#)

[Adjust Browser Settings](#)

[Reset the Browser to Default](#)

[Set the Browser Home Page](#)

[Create Bookmarks](#)

[Create a New Homepage](#)

[Add Bookmarks to Your Home Screen](#)

Learn to Navigate the Browser

Navigating through menus and websites during a data session is easy once you have learned a few basics.

Note: Before you access the SprintWeb home page, you may be asked to enter your 10-digit wireless device number and tap **OK**. Entering your device number is not required for access to other Web pages.

Scrolling

As with other parts of your device's menu, you'll have to drag up and down to see everything on some websites.

To scroll through a website's page:

- Touch and drag across or up and down a page.

Selecting

To select onscreen items or links:

- Drag across a page, and then tap an onscreen link to select the link.

Links, which are displayed as underlined text, allow you to jump to Web pages and select special functions.

Pinching and Zooming

Zooming in and out on a Web page can be done now without the need of an onscreen zoom tool. Just use your fingers to pinch in or spread out on the screen.

To zoom in:

1. Place your thumb and index finger on the screen.
2. Expand them outward (spread) to zoom in.

To zoom out:

1. Place your thumb and index finger on the screen.
2. Bring them together (pinch) to zoom out.

Go Back

To go back one page:

- ▶ Touch  on your device. Repeat this process to keep going back through your Web page history of recently visited pages.

Go to a Web Page

1. Tap the **Address** field (top of the browser window) and enter a new Web address.
 - As you enter the address, possible matches are displayed within an onscreen list. Tap an entry to launch the desired website.
2. Tap **Go** to launch the new page.

Browser Menu

The browser menu offers additional options to expand your use of the Web on your device.

Open the Browser Menu

The browser menu may be opened anytime you have an active data session, from any page you are viewing.

1. Press Press  and tap  and tap .
2. From any open Web page, tap *<icon>*. Options available within the browser menu include:
 - **Forward**: forwards the browser to another web page.
 - **New window**: displays a new window so you can browse multiple URLs.
 - **Add bookmark**: allows you to add a URL to your bookmark list
 - **Add shortcut to home**: allows you to add a shortcut to your Home screen.
 - **Share page**: allows you to share the page using Gmail or as a message.
 - **Find on page**: allows you to search in the current page.
 - **Desktop view**: allows you to assign the browser to display the current page in the desktop view (to closely mimic the display as it would appear on a Desktop computer).
 - **Save for offline reading**: saves the Web page so you can read it later even when offline.

- **Brightness and colors:** allows you to adjust the brightness and color of your display.
- **Downloads:** displays the download history.
- **Print:** allows you to print the screen or Web page on a Samsung printer using Wi-Fi.
- **Settings:** allows you to modify your Web settings. For more information, refer to [Adjust Browser Settings](#).

Select Text on a Web Page

You can highlight text on a Web page and copy it, search for it, or share it.

1. While on an active Web page, scroll to the area containing the desired text.
2. Touch and hold the screen area to select any word or character within the content.
3. Touch and drag across the screen and highlight the desired text. The selected text will appear highlighted.
4. Select an onscreen option:
 -  (**Select all**): Tap to select all text on the Web page.
 -  (**Copy**): Tap to copy the selected text.
 -  (**Share**): Tap to share the item using one of the following options: **Bluetooth**, **ChatON**, **Dropbox**, **Email**, **Flipboard**, **Gmail**, **Google+**, **Messaging**, **S Memo**, or **Wi-Fi Direct**.
 -  (**More**): Tap to select one of the following:
 - **Find:** to search for all instances of the selected text within the Web page.
 - **Web Search:** to search for the selected text on the Web.

Go to a Specific Website

Just like any other browser, you can use the URL field to enter a website address and go to a specific website.

1. Tap the **URL** field and enter a website address.
 - As you type the address, if your desired website appears within the suggested sites list, tap the entry to begin surfing.
2. Tap **Go**.

Note: Not all websites are viewable on your device.

Adjust Browser Settings

You can change the page settings for your browser, including default zoom level, pop-up blocking, display options, and setting your home page. You can also change your browser's security and privacy settings, including history, cache, whether or not to save passwords, and other data settings.

1. Press  and tap .
2. From any open Web page, tap  > **Settings**.
3. Navigate to the Page content settings area and select from one of the following page settings:
 - **General**
 - **Set home page:** Sets the current home page for the Web browser.
 - **Form auto-fill:** allows you to fill in Web forms with a single tap.
 - **Auto-fill text:** allows you to enter text to be used in the Form auto-fill feature.
 - **Privacy and security**
 - **Clear cache:** Deletes all currently cached data. Tap **OK** to complete the process.
 - **Clear history:** Clears the browser navigation history. Tap **OK** to complete the process.
 - **Show security warnings:** Notifies you if there is a security issue with the current website.
 - **Accept cookies:** Allows sites that require cookies, to save and read cookies from your device.
 - **Clear all cookie data:** Deletes all current browser cookie files.
 - **Remember form data:** Allows the device to store data from any previously filled out forms. Remove the checkmark to disable this function.
 - **Clear form data:** Deletes any stored data from previously filled out forms. Tap **OK** to complete the process.
 - **Enable location:** Allows websites to request access to your location.
 - **Clear location access:** Clears location access for all websites. Tap **OK** to complete the process.

- **Remember passwords:** Stores usernames and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords:** Deletes any previously stored usernames or passwords. Tap **OK** to complete the process.
- **Enable notifications:** Enables notifications for all websites. Choose from: **Always on**, **On demand** (user driven), or **Off**.
- **Clear notifications:** Clears Web notification access for all websites. Tap **OK** to complete the process.
- **Accessibility**
 - **Force zoom:** allows you to override the website's request to control zoom.
 - **Text size:** allows you to preview the text size. You can also adjust the following using a slider bar: **Scale text up and down**, **Zoom amount on double tap**, and **Minimum font size**.
 - **Minimum font size:** allows you to set the minimum font size using a slider bar.
 - **Inverted rendering:** allows you to preview a website with inverted colors (black becomes white and vice versa). Tap **Inverted rendering** to activate the feature and tap the **Contrast** slider bar to adjust the color contrast.
 - **Contrast:** allows you to set the contrast when using Inverted rendering.
- **Advanced**
 - **Select search engine:** allows you to set your default search engine to Google, Yahoo!, or Bing.
 - **Open in background:** New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.
 - **Enable JavaScript:** Enables javascript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
 - **Enable plug-ins:** Allows the download of plug-ins such as Adobe Flash.
 - **Default storage:** Allows you to set your default storage to Device or Memory Card.
 - **Website settings:** View advanced settings for individual websites.
 - **Default zoom:** Adjusts the zoom feature. Set to Far, Medium, or Close.

- **Open pages in overview:** Shows an overview of newly opened Web pages.
- **Auto-fit pages:** Allows Web pages to be resized to fit as much of the screen as possible.
- **Block pop-ups:** Prevents popup advertisement or windows from appearing onscreen. Remove the checkmark to disable this function.
- **Text encoding:** Adjusts the current text encoding.
- **Reset to default:** Clears all browser data and resets all settings to default.
- **Bandwidth management**
 - **Preload search results:** Allows the browser to preload high confidence search results in the background to help speed up searches.
 - **Load images:** Allows Web page images to be loaded along with the other text components of a loaded website.
- **Labs**
 - **Quick controls:** allows you to open quick controls and hide the app and URL bars by swiping your thumb from the left or right edge of the screen.
 - **Full screen:** allows you to access Full screen mode and hide the status bar.

Reset the Browser to Default

You always have the option to restore your browser to its default settings.

1. Press  and tap .
2. Tap **<icon>** > **Settings** > **Advanced** > **Reset to default**
3. Tap **OK** to complete the process.

Set the Browser Home Page

Customize your Web experience by setting your browser's home page.

1. Press  and tap .
2. Tap **<icon>** > **Settings** > **General** > **Set home page**.
3. Select **Current page**, **Blank page**, **Default page**, or **Other**.
 - If you select **Other**, enter a URL for the new home page and tap **OK**.

Create Bookmarks

Make browsing easier by setting up and using custom bookmarks.

1. From any open Web page, tap . Three tabs are revealed:
 - **Bookmarks:** Displays a list of your current Web bookmarks.
 - **History:** Displays a record of your browsing history. These records are organized into folders such as: **Today** and **Last 7 days**.
 - **Saved pages:** Displays a list of Web pages that have been visited the most.
2. Tap **Add** (first entry in the **Bookmarks** tab).
3. Enter a descriptive name for the new bookmark and tap **OK** to store the new entry to your Bookmarks list.

Create Bookmarks From Other Tabs

1. From any open Web page, tap .
 2. Tap either the **History** or **Saved pages** tab.
 3. Touch and hold an entry from the list to display an onscreen popup menu.
 4. Tap **Add bookmark** to add the selected entry to your current list of bookmarks.
- or -
1. Repeat steps 1 and 2 above.
 2. Tap the star icon adjacent to a website address. The star now turns gold. This adds the “starred” website to your current Bookmarks list.

Create a New Homepage

Follow the below procedures to create a new homepage.

1. From any open Web page, tap .
2. Tap either **History** or **Saved pages**.
3. Touch and hold an entry from the list to display an onscreen popup menu.
4. Tap **Set as homepage** to assign the selected entry as your new homepage.

Add Bookmarks to Your Home Screen

Follow the below procedures to add bookmarks to the device's home screen.

1. From any open Web page, tap .
2. Touch and hold an existing entry from the list to display an onscreen popup menu.
3. Tap **Add shortcut to Home** to add the selected entry to your Home screen.

Sprint Hotspot

Sprint Mobile Hotspot allows you to turn your device into a Wi-Fi hotspot. The feature works best when used in conjunction with 4G data services (although 3G service can also be used). See [4G Services](#) for more information.

To set up Sprint Hotspot:

1. Press  and tap  >  (**Sprint Hotspot**)
2. Tap the ON/OFF slider next to **Sprint Hotspot** to toggle Sprint Hotspot ON and activate the service.
 - When active, the Notifications area of the status bar shows **Hotspot activated**.

Note: Connect your charger to your device if you plan to use Sprint Hotspot for an extended period.

Important! Upon activation, any current Wi-Fi connection to an access point is terminated.

To connect to Sprint Hotspot:

1. Enable Wi-Fi on your target device (laptop, media device, etc.).
2. Scan for Wi-Fi networks from the device and select your hotspot from the network list.
 - The network name for Sprint Hotspot on your device will be in the form of **SPH-P 500XXX**. ("XXX" represents a three-digit number unique to your device.) You can change the name by tapping **Sprint Hotspot settings** from the Sprint Hotspot screen.
3. Select this device and follow your onscreen instructions to enter the passkey (provided on the Sprint Hotspot page).
4. Launch your Web browser to confirm you have an Internet connection.

To adjust your Sprint Hotspot settings:

1. Press  and tap  >  > **Configure**.

2. Configure the **Router name (SSID)**, device visibility (**Hide my device**), **Security** [Open, WPA PSK, or WPA2 PSK], **Password**, password visibility (**Show password**), and advanced options (including Broadcast channel and Maximum connections).
3. Tap **Save** to store the new hotspot settings.

Camera and Video

You can use the camera or camcorder to take and share pictures and videos. Your device comes with a 3.0 megapixel camera with an autofocus feature that lets you capture sharp pictures and videos.

[Take Pictures](#)

[Record Videos](#)

[Camera Settings](#)

[View Pictures and Videos Using Gallery](#)

[Video Maker](#)

[Working with Photos](#)

[Photo Editor](#)

[Share Photos and Videos](#)

Take Pictures

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

Open the Camera

Follow the below procedure to access your device's camera.

- ▶ To open the camera in photo mode and take photos, press  and tap  (Camera).

Viewfinder Screen

You'll find the following controls on the Viewfinder screen.

-  (**Front/back lens**): allows you to set the front camera so you can take pictures of yourself or video chat.
-  (**Flash**): Tap to switch between various camera flash modes.
-  (**Shooting mode**): allows you to set the mode type for image output.

-  (**Focus mode**): allows you to set the focus to **Auto focus**, **Macro**, or **Face detection**.
-  (**Settings**): allows you to access the menu panel and lets you change the camera settings.
-  (**Camera / Camcorder Mode**): allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Slide the button up for Camera, or down for Camcorder.
-  (**Shutter release**): Tap this button to take a photo or begin capturing video. Tap it again to stop capturing video.
-  (**Gallery**): Opens the Gallery application so you can browse through and view the photos and videos on your storage card.
- **Volume key**: Zoom in and out of the image.

Review Screen

After capturing a photo or video, the review screen lets you save, view, send, or delete the picture or video by tapping a button at the bottom of the screen.

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

Available options are:

-  (**Share**): offers several ways to share your picture or video. Options are: **Group Cast**, **Flipboard**, **Picasa**, **S Memo**, **Bluetooth**, **Wi-Fi Direct**, **Messaging**, **ChatON**, **Dropbox**, **Google+**, **Email**, and **Gmail**.
-  (**Slideshow**) allows you to see your photos in a slideshow or access the slideshow settings.
-  (**Delete**): allows you to delete the current picture. Tap **OK** to delete or **Cancel**.
-  (**Menu**): allows you to select one of the following:

- **Face tag:** allows you add embedded tag information about those in your image.
- **Copy to clipboard:** allows you to copy one or more pictures to a different folder.
- **Rotate left:** allows you to rotate the view of the current image in a counterclockwise direction.
- **Rotate right:** allows you to rotate the view of the current image in a clockwise direction.
- **Crop:** provides an on-screen box that allows you to crop the current picture. Tap **Save** to update the image with the new dimensions or tap **Discard** to ignore any changes.
- **Edit:** launches the photo editor application. This application can be downloaded from the Google Play Store app.
- **Set picture as:** allows you to assign the current image as a Contact photo, Home and lock screens, Home screen wallpaper, or Lock screen wallpaper.
- **Buddy photo share:** allows you to share the current image with active ChatON buddies.
- **Print:** allows you to print the current image on a compatible Samsung printer.
- **Rename:** allows you to rename the current file.
- **Scan for nearby devices:** allows you to scan for in-range devices that can be connected to and sent the current image.
- **Details:** files details such as Title, Type, Date taken, Album, Location, Latitude, Longitude, etc.

Take a Picture

You can take high-resolution pictures using your device's 3.0 MP digital camera.

1. From the main Home screen, tap **Camera** to activate the camera mode.

Note: The main Home screen initially contains the Camera icon. If you delete it, or if you want to access the camera from another Home screen, you must tap  .

2. Using the device's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
 - Before you take a picture, use the Up and Down Volume keys to zoom in or out. You can magnify the picture up to x4 (400 percent).

- If desired, before taking the photo, you can tap onscreen icons to access various camera options and settings.
- You can also tap the screen to move the focus to the area you touch.

3. Tap  until the shutter sounds.

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.

To enable the GPS icon, tap  > **GPS tag** > **On**.

Close the Camera

Follow the procedure below to close your device's camera.

- On the camera screen, press  or tap .

Record Videos

In addition to taking pictures, you can record, view, and send videos with your device's built-in video camera.

1. Press  and tap .
2. Slide  to  to activate camcorder mode.
3. Holding the device in landscape mode, use the display screen as a viewfinder and aim the camera lens at your subject.
4. Tap  to begin recording.
 - Touch any area on the screen to change the focus area during a recording.
 - Tap  to take a picture of the focused area.
5. When you want to pause or stop recording, tap  again.

Camera Settings

Open the menu panel to change the camera settings. You can also switch between photo and video modes from the menu panel.

Change Advanced Settings

To change the advanced settings on your camera, refer to the following procedures.

- Tap  in the menu panel to display the Settings menu and access more camera settings. You can change the following settings from the Settings menu:
- **Edit shortcuts:** allows you to set shortcut icons for the settings that you use the most.
 - **Self portrait:** allows you to set the front camera so you can take pictures of yourself or video chat.
 - **Flash:** allows you to set the flash options to **Off**, **On**, or **Auto flash**.
 - **Shooting mode:** allows you to set the shooting mode. Choose from the following options:
 - **Single shot:** takes a single photo and view it before returning to the shooting mode.
 - **Burst shot:** allows several photographs to be captured in quick succession by pressing and holding the shutter button.
 - **HDR:** takes pictures in HDR (High Dynamic Range) mode to increase image detail.
 - **Smile shot:** the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
 - **Beauty:** adjusts the contrast to smooth facial features.
 - **Panorama:** takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area wherein the second part of the panoramic picture should fall.
 - **Cartoon:** gives your photo a cartoon look.
 - **Share shot:** uses Wi-Fi Direct to share your pictures quickly with your friends.
 - **Buddy photo share:** uses face recognition from pictures in your contacts to send your friends or family pictures of themselves.
 - **Scene mode** allows you to set the Scene to help take the best pictures possible. Options include **None**, **Portrait**, **Landscape**, **Night**, **Sports**, **Party/Indoor**, **Beach/Snow**, **Sunset**, **Dawn**, **Fall Color**, **Firework**, **Text**, **Candlelight**, and **Backlight**. Helpful tips are shown for each scene mode at the bottom of the display screen.

- **Exposure value** allows you to adjust the overall image brightness. Use the onscreen slider to adjust the value. Choose from **+2, +1, 0 (default), -1, or -2**.
- **Focus mode** allows you to set this option to Auto focus, Macro, or Face detection. Use Macro mode to take close-up pictures. Face detection causes the camera to automatically recognize if there is a face in the shot. It then optimizes the focus and exposure for the face. Use Auto focus for all others.
- **Timer:** allows you to set a timer for how long to wait before taking a picture. Options include: **Off, 2 sec, 5 sec, and 10 sec**.
- **Effects:** allows you to change the color tone or apply special effects to the photo. Options include: **None, Negative, Black and white, and Sepia**.
- **Resolution:** allows you to set the image size to: **8M (3264x2448), W6M (3264x1836), 3.2M (2048x1536), W2.4M (2048x1152), W0.9M (1280x720), or 0.3M (640x480)**.
- **White balance:** allows you to set this option to one of the following choices: **Auto, Daylight, Cloudy, Incandescent, or Fluorescent**.
- **ISO:** ISO determines how sensitive the light meter is on your digital camera. Choose from **Auto, 100, 200, 400, or 800**. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots
- **Metering:** allows you to set how the camera measures or meters the light source: **Center-weighted, Spot, or Matrix**.
- **Anti-Shake:** reduces image blur due to the movement of the subject of the photo or hand movement.
- **Auto contrast:** provides a clear image even under backlight circumstances where intensity of illumination can vary excessively.
- **Guidelines:** allows you to turn the guidelines **On or Off**.
- **Image quality:** allows you to set the image quality to: **Superfine, Fine, or Normal**.
- **GPS tag:** allows you to turn GPS **On or Off** (also known as Geotagging). The location of where the picture is taken is attached to the picture. (Only available in Camera mode.)
- **Storage:** allows you to configure the default storage location for images or videos as either **Device or MicroSD card** (if inserted).
- **Reset:** allows you to reset all camera or camcorder settings to the default values.

Camcorder Settings

Open the menu panel to change the camcorder settings. You can also switch between photo and video modes from the menu panel.

Change Advanced Settings

To change the advanced settings on your camcorder, refer to the following procedures.

- Tap  in the menu panel to display the Settings menu and access more camera settings. You can change the following settings from the Settings menu:
- **Edit shortcuts:** allows you to set shortcut icons for the settings that you use the most.
 - **Self-recording:** allows you to set the front camera so you can take videos of yourself or video chat.
 - **Flash:** allows you to set the flash options to **Off** or **On**.
 - **Recording mode:** allows you to set the recording mode to either **Normal** (limited only by available space on the destination location) or **Limit for MMS** (limited by MMS size restrictions).
 - **Exposure value:** allows you to adjust the brightness level.
 - **Timer:** allows you to set a timer for how long to wait before taking a video. Choose from: **Off**, **2 sec**, **5 sec**, or **10 sec**.
 - **Effects:** allows you to change the color tone or apply special effects to the photo. Choose from: **None**, **Negative**, **Black and white**, or **Sepia**.
 - **Resolution:** allows you to set the image size to one of the following: **1920x1080**, **1280x720**, **720x480**, **640x480**, or **320x240**.
 - **White balance:** allows you to adjust color casts in your video. Choose from: **Auto**, **Daylight**, **Cloudy**, **Incandescent**, or **Fluorescent**.
 - **Anti-Shake:** reduces image blur due to the movement of the subject of the video or hand movement.
 - **Guidelines:** allows you to turn the guidelines **On** or **Off**.
 - **Video quality:** allows you to set the level of detail in your video. Choose from: **Superfine**, **Fine**, or **Normal**.
 - **Storage:** allows you to configure the default storage location for images or videos as either **Device** or **Memory card** (if inserted).

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

View Pictures and Videos Using Gallery

Using the Gallery application, you can view photos and watch videos that you've taken with your device's camera, downloaded, or copied onto your storage card.

For photos that are on your storage card, you can do basic editing such as rotating and cropping. You can also easily make a photo as your contact picture or wallpaper and share photos with your friends.

Open Gallery

The Gallery is where you can access the Gallery of stored camera images.

1. Press  and tap  (**Gallery**).
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. From the image folder, do one of the following:
 - Touch and hold any desired images to select them (indicated by a light blue outline).
 - Tap an image to display it in full screen view.

Note: A complete list of **More** menu options is available only if a single image is selected.

4. Press  to close the Gallery.

Folders in your storage card that contain photos and videos will also be treated as albums and will be listed below the preset albums. The actual folder names will be used as the album names. If you have downloaded any photos and videos, these will be placed in the **All downloads** album.

While viewing pictures in the Gallery, scroll up the screen to view more albums. Simply tap an album to view the photos or videos in that album.

Note: Depending on the number of pictures stored on the microSD card, it may take some time for Gallery to load all your photos on the screen.

View Photos and Videos

After selecting an album from the Albums tab, you can browse through the photos and videos of that album in either photo pile or grid view. Tap a photo or video to view it in full screen.

Viewing Photos

- Tap a thumbnail to view the picture. See [Review Screen](#).

Viewing Videos

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

1. Touch and hold a video to select it. A light blue outline will appear around the thumbnail. Choose from the following options:

-  (**Share**): offers several ways to share your picture or video. Options may include: **Bluetooth**, **Wi-Fi Direct**, **Messaging**, **YouTube**, **Dropbox**, **ChatON**, **Google+**, **Email**, and **Gmail**.
-  (**Slideshow**) allows you to see your videos in a slideshow or access the slideshow settings.

Note: The Slideshow icon displays only in Landscape mode.

-  (**Delete**): allows you to delete the current video. Tap **OK** to delete or **Cancel**.

2. Tap a thumbnail to play the video.

Zoom In or Out on a Photo

There are two ways you can zoom in or out of a photo.

- ▶ Tap the screen twice quickly to zoom in and then tap the screen twice quickly again to zoom out.

- or -

You can also use pinch and spread to zoom in or out. See [Touchscreen Navigation](#).

Watch Video

The screen automatically switches to landscape mode when you play a video. Use the onscreen controls to play, pause, or stop the video.

The video is displayed in full screen size. You can tap  to make it best fit on the screen based on the video size. Tap the button again to change back to full screen size.

You can play these high-definition MP4 video formats in **Gallery**:

- H.263 profile 0 @ 30 fps, WVGA (800x480), max 2 Mbps
- MPEG-4 simple profile @ 30 fps, 720p (1280x720), max 6 Mbps
- H.264 baseline profile @ 30 fps, 720p (1280x720), max 6 Mbps

Working with Photos

You can touch and hold on a photo to open a selection menu and choose what to do with it. You can choose to delete the photo, rotate or crop it, and more.

Rotate and Save a Photo

To rotate or save your photo, follow the below procedures.

1. Press   and tap .
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap **<icon>** > **Rotate left** or **Rotate right**.

The rotated picture is saved in your default storage location as a copy.

Crop a Photo

To crop your photos, follow the below procedures.

1. Press   and tap .
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap **<icon>** > **Crop**.
4. To adjust the crop box size, touch and hold the edge of the box. When directional arrows appear, drag your finger inward to or outward to resize the crop box.
5. To move the crop box to the part of the photo that you want to crop, drag the crop box to the desired position.
6. Tap **Done** to apply the changes to the picture.

The cropped picture is saved along with the original copy in your default storage location.

Photo Editor

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

Installing the Application from Samsung Apps

Follow the below procedures to install Photo Editor from Samsung Apps.

Note: You must sign in to your Samsung account before accessing Samsung apps.

1. Press  and tap  > .
2. Tap **Search**, enter “photo editor,” and tap .
3. Tap **Photo Editor** to display details, and then tap **Get** to download the app.
 - If prompted, enter your Samsung password, tap **Confirm**, and then tap **Get** again.

Using Photo Editor

Follow the below procedures to use Photo Editor.

1. Press  and tap  > .
2. Tap **Select image** to edit a picture in your Gallery.
3. Tap **Take picture** to take a picture with the camera.
4. Tap the picture and it is loaded into the Photo editor.
5. Use the following Photo editor controls to edit your picture:
 - **Undo**: undo the most recent photo adjustment.
 - **Redo**: redo the most recent undone photo adjustment.
 - **Resize**: allows you to resize the current image.
 - **Rotate**: allows you to rotate a photo in all 4 directions. You can also mirror image a photo.
 - **Crop**: allows you to crop a photo to customize a size.
 - **Color**: allows you to access color options including **Auto**, **Brightness**, **Contrast**, **Saturation**, **Adjust RGB**, **Temperature**, **Exposure**, **Hue**, **Darken**, or **Lighten**.
 - **Effect**: allows you to add various effects to your photo.
 - **Decoration**: allows you to placed **Frames**, **Stickers**, or **Multi-grids** on your image. You can also use the Pen and Eraser tools.
6. Tap **<icon>** to access the following options:
 - **Select image**: selects an existing image from your Gallery and starts a new Photo editor project. Be sure and save the photo you are working on before starting a new project.
 - **Take picture**: launches the camera and allows you to take a new picture to then use as a new Photo editor project.

- **Save:** saves your photo to your gallery.
- **Share via:** allows you to share your photo via **Bluetooth, ChatON, Dropbox, Email, Facebook, Flipboard, Gmail, Google+, Group Cast, Messaging, Picasa, S Memo, or Wi-Fi Direct.**
- **Set as:** sets the new image as either your **Contact photo, Home and lock screens, Home screen wallpaper, or Lock screen wallpaper.**

Share Photos and Videos

The Gallery application lets you send photos and videos using email or multimedia messages. You can share photos on your social networks (such as Facebook, Picasa, and Twitter) and share videos on YouTube. You can also send them to another device or your computer using Bluetooth.

Send Photos or Videos by Email

You can send several photos, videos, or both in an email message. They are added as file attachments in your email.

1. Press  and tap .
2. Tap the album that contains the photos or videos you want to share.
3. Tap the photos you want to send.
4. Touch the screen and then tap  > **Gmail** or **Email**.
5. Compose your message and then tap  or .

Note: If you selected **Email** and you have multiple email accounts, the default email account will be used.

Send a Photo or Video by Multimedia Message

Although you can send several photos or videos in a multimedia message, it may be better to send one at a time, especially if the files are large in size.

1. Press  and tap .
2. Tap the album that contains the photos or videos you want to send.
3. Tap the photo or video you want to send.
4. Touch the screen and then tap  > **Messaging**.

5. Compose your message and then tap .

Send Photos or Videos Using Bluetooth

You can select several photos, videos, or both and send them to someone's device or your computer using Bluetooth.

1. Press  and tap .
2. Tap the album that contains the photos or videos you want to send.
3. Select the photos or videos you want to send.
4. Touch the screen and then tap  > **Bluetooth**.

In the next few steps, you'll be asked to turn on Bluetooth on your device and connect to the receiving Bluetooth device so the files can be sent. For more information, see [Bluetooth](#).

Share Photos or Videos on Google+

1. Press  and tap .
2. Tap the album that contains the photos or videos you want to send.
3. Tap the photo or video you want to send.
4. Touch the screen and then tap  > **Google+**.
5. Compose your message and then tap .

Share Photos on Picasa

You need to be signed in to a Google Account to upload pictures to the Picasa™ photo organizing service.

1. Press  and tap .
2. Tap the album that contains the photos or videos you want to share.
3. Select the photos you want to share.
4. Touch the screen and then tap  > **Picasa**.
5. Select the online album where you want to upload the pictures.
6. Tap **Upload**. You can view the photos online at picasaweb.google.com.

Share Videos on YouTube

You can share your videos by uploading them to YouTube™. Before you do this, you must create a YouTube account and sign in to that account on your device.

1. Press  and tap .
2. Tap the album that contains the videos you want to share.
3. Select the video you want to share.
4. Touch the screen and then tap  > **YouTube**.
5. Enter the prompted information, such as description and tags, and select a privacy option.
6. Tap **Upload**.

Tools and Calendar

Learn how to use many of your device's productivity-enhancing features.

Calendar

Alarm & Timer

Calculator

My Files

Voice Services

Bluetooth

microSD Card

Update Your Device

Calendar

Use Calendar to create and manage events, meetings, and appointments. Your Calendar helps organize your time and reminds you of important events. Depending on your synchronization settings, your device's Calendar stays in sync with your Calendar on the Web, Exchange ActiveSync calendar, and Outlook calendar.

Add an Event to the Calendar

Add events to your Calendar to help you organize your time and remind you of important events.

1. Press  and tap  >  (**Calendar**).

Note: To synchronize calendar events among your Google and Corporate accounts, make sure they are being managed by your device. See [Accounts and Messaging](#) for more information.

- The default view for the Calendar is the **Month** view.
 - To change the view, tap the available tabs along the right side of the Calendar screen. (To display the view options in portrait mode, tap the  circle in the upper-right corner.) Choose from **Year**, **Month**, **Week**, **Day**, **Agenda**, and **Task**.
2. Double-tap a day to which you would like to add an event to reveal the **Add event/Add task** screen.

3. Assign the new calendar event to a current account by tapping the **Calendar** field and then selecting an account. For this example we are choosing a Corporate account.
 - **My calendars** are calendar entries that are stored locally on the device and not part of an email account.
 - **Google/Gmail** are calendar entries that are synchronized between your device and your online Google account.
 - **Corporate** are calendar entries that are synchronized between your device and either an Exchange Server or available from within Microsoft® Outlook®.

Note: Some of the previous options appear when compatible email accounts (such as Outlook) have been created and synced.

4. Tap the **Tap to enter title** field and enter a title for the event.
5. Select a **From/To** time for the event by tapping the corresponding fields, and adjusting the month, day, and year.
 - Tap **Set** when finished.
6. Select a time for the event by tapping the time field and then adjusting the hour and minute.
 - Tap the **AM** or **PM** column to change the value.
 - Tap **Set** when finished.
7. Select a **Time zone**.
8. Tap the **All day** field to assign this as an all day event. If assigned as an all day event, the time fields are removed as options.
9. Select a recurrence cycle for the event by tapping the **Repeat** field.
 - **One-time event, Daily, Every weekday (Mon~Fri), Weekly (every [day]), Monthly (every [number] [day]), Monthly (on day [number]), or Yearly (on [month] [day]).**
10. Enter a location for the event in the **Location** field or tap  to select the location on the a map.
11. Enter a description for the event in the **Description** field.
12. Select an alarm time by tapping the **Reminders** field.
 - Select an interval or tap **Customize** to enter your own reminder time.
 - Customize allows you to manually enter a desired number. Tap **Set** to complete the custom assignment.

13. Enter participants in the **Participants** field.
14. Tap **Show me as** to select your displayed availability.
15. Tap Privacy to select who is allowed to see this event. **Private** allows only the selected participants to view the event on your calendar. **Public** allows anyone with access to your calendar to view the event.
16. Tap  to the right of **Memo** to add an **S Memo** file as an attachment. For more information, see [S Memo](#).
17. Tap  to the right of **Pictures** to add an image from the Gallery or take a new picture using the camera.
18. Tap **Save** to store the new event and synchronize it with your selected account.

Event Alerts

When your device is turned on and you have an event alarm scheduled, your device alerts you and displays the event summary. There are several ways your device alerts you to scheduled events:

- By playing the assigned ringtone.
- By showing the **Alert** screen.

Event Reminders

When your device is turned on and you have an event alarm scheduled, there are several ways your device alerts you to scheduled events:

- By playing a short beep.
- By indicating an icon within the Status bar.

To view additional options:

1. Tap the **Status** bar, and then slide your finger down the screen to open the **Notifications** panel.
2. Tap the upcoming event name from the onscreen list to display the event within the **Calendar** notifications screen.
3. Tap an option.
 - **Set snooze duration** to set the length of time to allow before you are reminded of the event. Choose from: **3 minutes**, **5 minutes**, **10 minutes**, **15 minutes**, or **30 minutes**.

- **Snooze** to be reminded of the event at a future time.
- **Dismiss** to dismiss the reminder.

View Events

The following procedure helps you view your calendar events.

1. Press  and tap  > . Once an event has been created, entries are shown in the default view.
2. To view a Calendar event farther out, tap either **Week** or **Month**.
3. Tap the day for which you would like to view events. (Your device lists events in chronological order.)
4. To display an event's details, tap it from the current screen.

Day and Agenda Views

Day view displays a list of the events of one day.

Agenda view shows a list of all your events in chronological order.

The color bars on the left side of the events indicate the type of calendar that includes the event.

When in Day view, slide left or right across the screen to view earlier or later days.

Week View

Week view displays a chart of the events of one week.

When in Week view:

- You can touch and hold on a time slot to create a new event at that time.
- Tap an event to view its details.
- Slide left or right across the screen to view earlier or later weeks.

Month View

In Month view, you'll see markers on days that have events.

When in Month view:

- Tap a day to view the events of that day.
- Touch and hold a day to create a new event.

- Slide up or down to view earlier or later months.

Erase Events

The following procedures show you how to erase your calendar events.

1. Press  and tap  > .
2. Open the calendar event details:
 - In **Agenda**, **Day**, and **Week** views, tap the calendar event you want to delete.
 - In **Month** view, tap the date where the calendar event occurs, and then tap the calendar event.
 - In **Year** view, tap the month in which the event is located.
3. Tap *<icon>* > **Delete**.
4. In the Delete confirmation box, tap **OK**.

- or -

If the calendar event is recurring, select **Only this event**, **This & future events**, or **All events**, and tap **OK**.

Alarm & Timer

Use the following methods to create an alarm event.

1. Press  and tap  >  (**Clock**). This allows access to the alarm and media application screen.
 - **Alarm**: This feature allows you to set an alarm to ring at a specific time.
 - **World clock**: allows you to view the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.
 - **Stopwatch**: You can use this option to measure intervals of time.
 - **Timer**: You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).
2. Tap  (**Create alarm**) to create an alarm.
3. To activate an existing alarm, tap the clock icon.
4. To edit an alarm, tap the entry and then tap the Time field to adjust the alarm time.

- Adjust the hour and minute.
- Tap the AM or PM button to change the value.
- Tap **Set** when finished.

Note: The number of hours and minutes left before the alarm goes off is briefly displayed onscreen after you set the new alarm time.

5. Tap the **Alarm repeat** field to select a repeating status for the alarm.
6. Tap **Alarm type** to select **Melody**, **Vibration**, **Vibration and melody**, or **Briefing**.
7. Tap **Alarm volume** to adjust the volume level of the alarm.
8. Tap **Alarm tone** to select an audio ringtone that will sound with the alarm.
 - Tap **Sounds** and then tap a ringtone to hear an audio sample. Tap **Go to My Files** to select a music or other audio file from your library.
 - Tap **OK** to accept the ringtone assignment.
9. Tap **Snooze** to set a Duration (**3**, **5**, **10**, **15**, or **30 minutes**) and **Snooze repeat** (**1**, **2**, **3**, **5**, or **10 times**) to set whether or not the snooze activation alerts you more than once. Tap the ON/OFF slider to activate.
10. Tap **Smart alarm** to track body movements and calculate the best time for sounding the alarm. Place the device somewhere on your bed, and then the device's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the **Duration** and the **Tone**. Tap the ON/OFF slider to activate.
11. Select a unique name for this alarm event by tapping the **Name** field and entering a new name.
12. Tap **Save** to store the new alarm event.

To delete an Alarm event:

1. Press  and tap  > .
2. Touch and hold a desired alarm event.
3. From the onscreen context menu, tap **Delete**.

Calculator

Your device comes with a built-in calculator.

1. Press  and tap  >  (**Calculator**).

2. Enter numbers by tapping the onscreen keyboard.
3. Touch and hold **C** to clear all numbers.

World Clock

XXXXXXXXXX

1. Press  and tap  > *<icon>* (World Clock).
- 2.

Memo

The S Memo application allows you to create memos using the keyboard, your finger, or both. You can add images, voice recordings, and text all in one place.

View the Memo Screen

Follow the steps below to explore the S Memo app.

1. Press  and tap  > *<icon>* (Memo).
2. From the S Memo screen, tap  to access the following options:
 - **Search:** Tap to search for a saved memo.
 - **Delete:** Touch one or all memos and then tap **Done**.
 - **Sort by:** Set whether to sort the memo list by **Date (most recent)**, **Date (oldest)**, **Type**, **Title**, **Tag**, **Containing voice**, **Text**, or **Favorites**.
 - **View by list/View by thumbnail:** Tap to view your existing memos in a list or thumbnail (default) view.
 - **Share via:** Select one or all memos, tap **Done**, and then touch **Group Cast**, **Flipboard**, **Picasa**, **Bluetooth**, **Wi-Fi Direct**, **Messaging**, **Dropbox**, **ChatON**, **Google+**, **Email**, or **Gmail** to send memos to another device or person.
 - **Export:** Select an export location (To Gallery or PDF), select one or all memos, and touch **Done**.
 - **Sync:** Tap **Google Docs** or **Evernote** to back up your memos. Tap one or all memos, and then tap **Sync**.
 - **Create folder:** Enter a name for a folder in the Folder name field and touch **OK**.

- **Rename:** Touch a memo or folder, enter the new memo or folder name, and touch **OK**.
- **Move:** Move a memo to a folder.
- **Copy:** Copy the selected memo to the clipboard.
- **Lock:** Lock the selected memo using your PIN lock.
- **Print:** Tap one or all memos, tap **Print**, and then send the memos to a Samsung printer.
- **Settings:** The S Memo settings are:
 - **Auto Sync:** Sync your settings on your device or save them to you Samsung account.
 - **Change PIN:** Set a PIN number to use to lock your memos.
 - **Screen timeout:** Tap to select the length of time that the screen will display when you are in the S Memo application. Choose from **15 seconds**, **30 seconds**, **1 minutes**, **2 minutes**, **5 minutes**, or **10 minutes**.
 - **Handwriting language update:** Tap to update the software that translates your handwriting into text.
 - **Auto hide toolbar:** Tap to hide the toolbar when entering a memo.
- **Tutorial:** Displays a tutorial that explains various S Memo details.

Create a New Memo

Follow the steps below to create a new memo or expand or reply to an existing memo using the S Memo app.

1. Press  and tap  > *<icon>*.
2. Tap an existing Memo to open it and then tap the screen to enter edit mode.

- or -

Tap  to start a new memo in text mode with the keyboard displayed or tap  to start a new memo in drawing mode using your finger or a compatible onscreen writing tool. You can change back and forth in a memo to add text with the keyboard and the pen.

Note: If you delete the S Memo shortcut from any screen, you can still access the application by tapping  > *<icon>*.

3. Tap **<icon>** to access the following options:

Note: Depending on whether you have saved the memo, are in keyboard mode, or in S Pen mode, the options will appear differently. The following is a list of the options you may see.

- **Rename:** allows you to change the current memo title.
- **Share via:** allows you to share your memo using **Group Cast, Flipboard, Picasa, Bluetooth, Wi-Fi Direct, Messaging, Dropbox, ChatON, Google+, Email, or Gmail.**
- **Handwriting-to-text:** allows you to transcribe handwriting into text.
- **Export:** allows you to save the memo to your Gallery or as a PDF.
- **Sync:** allows you to sync the current memo with either Google Docs or Evernote.
- **Save as:** allows you to save the memo with a different name.
- **Add picture:** allows you to add an image to the current memo. Choose from: **Picture, Take picture, Clip Art, Clipboard, or Map.**
- **Add tag:** allows you to set tags to add in searches.
- **Add as favorite:** allows you to tag the current memo as a favorite.
- **Change background:** allows you to set the background for your memo. Swipe the screen to the left or right to select a background and then tap **Done.**
- **Link to Calendar:** allows you to link the memo to your Calendar.
- **Lock:** allows you to lock the memo by using a PIN number.
- **Set as:** allows you to set a memo as a contact icon, Home screen wallpaper, Lock screen wallpaper, or a widget.
- **Print:** allows you to print the screen or Web page on a Samsung printer using Wi-Fi.

4. When you are finished creating your memo, tap **Save** on the top menu bar.

S Suggest

The S Suggest application provides onscreen recommendations for applications that are specifically supported and made for use on your device.

Note: Access to this feature requires that you already be logged in to your Samsung account application.

1. Press  and tap  >  (**S Suggest**).

2. Read the terms and conditions.
3. Place a check mark in the Agree field then tap **Agree**.
4. Select an application from one of the available categories (Picks, Categories, Games, Friends, and Info).
5. Follow the onscreen download and installation instructions.

My Files

My files allows you to manage your manage your sounds, images, videos, Bluetooth files, Android files, and other memory card data in one convenient location. This application allows you to launch a file if the associated application is already on your device.

1. Press  and tap  >  (**My files**).
2. The following folders display:
 - **Sdcard**: this folder displays all of the files saved to your microSD card.
 - **extSdCard**: this folder display files saved on your device.

Note: Different folders may appear depending on how your device is configured.

Dropbox

Dropbox works to provide access to your desktop files directly from your device. This applications allows you to bring your files with you when you're on the go, edit files in your Dropbox from your device, upload photos and videos to Dropbox, and share your selected files freely with family and friends.

The in-device application works in conjunction with a partner program placed on a target computer using an active Internet connection.

Dropbox creates a folder that automatically synchronizes its contents across all of your connected devices on your account. Update a file to your dropbox on your computer, and it's automatically updated to the same folder on your other devices.

Download the Desktop Application

Follow the procedures below to download the desktop application.

1. Use your computer's browser to navigate to: <http://www.dropbox.com/>.
2. Follow the onscreen setup and installation instructions on your target computer containing the desired files.

Important! The computer application must be installed on the computer containing the desired files. This computer must have an active Internet connection.

Note: The Dropbox service offers 2GB of free “Cloud” storage.

Note: It might be necessary to configure your router’s firewall settings to allow this application to gain access to the Internet.

Accessing Dropbox on Your Device

Follow the procedures below to access the Dropbox app.

1. Press  and tap  >  (**Dropbox**).
2. Tap **I’m already a Dropbox user**, enter your current account credentials, and tap **Log in**.

- or -

Tap **I’m new to Dropbox** and follow the onscreen instructions to register for a new account.
3. Follow the onscreen instructions.
4. Initially, you will need to configure your Camera upload parameters. Choose from Wi-Fi only or Wi-Fi or data plan.

Important! Enabling this feature can incur data charges (depending on your plan) if the Wi-Fi or data plan is selected.

5. Tap  at the top of the application window to access the files and folders you are currently sharing from your computer.
6. Tap an item to select it. Tap **Upload** to upload it to the Dropbox location.
7. From Dropbox, touch an onscreen item to choose from additional options:
 - **Favorite** to tag an image as a favorite.
 - **Share via** to share items using Copy link, Bluetooth, ChatOn, Email, Gmail, Messaging, S Memo, Web storage Upload, or Wi-Fi Direct.
 - **Export** to transfer the current file to another location. Choose from: Save to SD card, Bluetooth, ChatOn, Email, Gmail, Messaging, Picasa, S Memo, Screen Share, Web storage Upload, Wi-Fi Direct, or Gallery.
 - **Delete** to erase the current file.

Manually Uploading a Picture to Dropbox

Follow the below procedures to manually upload pictures to the Dropbox app.

1. Press  and tap .
2. After the image is taken, tap the Image Viewer box at the bottom right. This previews the current image.
3. Tap the image to reveal the image options at the top of the screen.
4. Tap  > **Dropbox**, select a folder location, and tap **Upload**.

Note: If your share folder is located on your computer, you will momentarily receive an onscreen popup notifying you that a new image was uploaded to your shared Dropbox folder.

Voice Services

The following information will guide you through using Voice Services.

S Voice

Your device's S Voice is a voice recognition application used to activate a wide variety of functions on your device. This is a natural language recognition application.

This goes beyond the Google Search Voice Actions feature that simply recognizes Google commands and search terms. You can ask it questions (Is it raining in Dallas?) or give it commands (Show me where to find cheap gas).

1. Press  and tap  >  (**S Voice**).
2. Navigate through the following onscreen tutorial screens by reading the information and tapping **Next**, or tap **Skip** to continue without reading the information.
3. Wake up the application by repeating the phrase Hi Galaxy.

Note: The wake-up command/phrase can be changed from "Hi Galaxy" to anything else.

6. Tap **Speak** if the device does not hear you or to give it a command.

Voice Recorder

The Voice recorder allows you to record an audio file up to one minute long and then immediately share it using AllShare, Messaging, Gmail, or via Bluetooth. Recording time will vary based on the available memory within the device.

1. Press  and tap  >  (**Voice Recorder**).

2. To start recording, tap  and speak into the microdevice.
3. To pause recording, tap . To end the recording, tap .
4. Tap *<icon>* to display the following options:
 - **Share:** allows you to share your recording using such methods as Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
 - **Delete:** allows you to delete one or more voice recordings. Tap the recordings to delete and tap **Delete**. Tap **OK** to confirm the deletion.
 - **Rename:** allows you to rename your recordings.
 - **Settings:** the following settings are available:
 - **Storage:** allows you to choose where your recordings will be saved. Select between Device or memory card.
 - **Default name:** allows you to choose the name prefix for your recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, Voice 003, etc.
 - **Recording quality:** allows you to set the recording quality to High or Normal.
 - **Limit for MMS:** allows you to select On or Off. If you Limit for MMS by selecting On, you will be assured that the recording can be sent in a message.

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 approximately 30 feet.

[Turn Bluetooth On or Off](#)

[The Bluetooth Settings Menu](#)

[Change the Device Name](#)

[Connect a Bluetooth Headset or Car Kit](#)

[Reconnect a Headset or Car Kit](#)

[Disconnect or Unpair from a Bluetooth Device](#)

[Send Information Using Bluetooth](#)

Receive Information Using Bluetooth

Turn Bluetooth On or Off

The following procedures will guide you through turning on and turning off your Bluetooth device.

1. Press  > *<icon>* and tap **Settings** > **Bluetooth**.
2. Tap the ON/OFF slider to move it into the **ON** position to turn Bluetooth on.

Tip: You can also turn Bluetooth on and off through the Notifications panel. Drag the Notifications panel down and tap **Bluetooth** to enable or disable Bluetooth.

Note: Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as aboard an aircraft and in hospitals.

The Bluetooth Settings Menu

The following procedure provides you with a path to the Bluetooth settings menu.

- ▶ Press  > and tap *<icon>* > **Settings** > **Bluetooth**.

Change the Device Name

The device name identifies your device to other devices.

1. Press  and tap *<icon>* > **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the on-off slider to turn it on.
3. Tap *<icon>* > **Device name**.
4. Enter the name for your device in the dialog box, and then tap **OK**.

Connect a Bluetooth Headset or Car Kit

You can listen to music over a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit. It's the same procedure to set up stereo audio and hands-free devices.

To listen to music with your headset or car kit, the headset or car kit must support the A2DP Bluetooth profile.

1. Press  > and tap *<icon>* > **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the on-off slider to turn it on.
3. Make sure that the headset is discoverable, so that your device can find the headset. Refer to the instructions that came with the headset to find out how to set it to discoverable mode.

4. Tap **Scan**. Your device will start to scan for Bluetooth devices within range.
5. When you see the name of your headset displayed in the Bluetooth devices section, tap the name. Your device then automatically tries to pair with the headset.
6. If automatic pairing fails, enter the passcode supplied with your headset.

The pairing and connection status is displayed below the hands-free headset or car kit name in the Bluetooth devices section. When the Bluetooth headset or car kit is connected to your

device,  (Bluetooth connected) displays in the status bar. Depending on the type of headset or car kit you have connected, you can then start using the headset or car kit to listen to music or make and receive mobile data.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Reconnect a Headset or Car Kit

When you have paired a headset with your device, you should be able to reconnect it automatically by turning on Bluetooth on your device and then turning on the headset. However, sometimes you will need to reconnect manually, for example if you have been using your headset with another Bluetooth device.

1. Press  > and tap *<icon>* > **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the on-off slider to turn it on.
3. Make sure that the headset is discoverable.
4. Tap the headset's name in the Bluetooth devices section.
5. If prompted to enter a passcode, try 0000 or 1234, or consult the headset or car kit documentation to find the passcode.
6. If you still cannot reconnect to the headset or car kit, follow the instructions in [Disconnect or Unpair From a Bluetooth Device](#), and then follow the instructions in [Connect a Bluetooth Headset or Car Kit](#).

Disconnect or Unpair from a Bluetooth Device

Follow these instructions to disconnect or unpair your device from a Bluetooth device.

Disconnect from a Bluetooth Device

1. Press  > and tap *<icon>* > **Settings** > **Bluetooth**.
2. In the Bluetooth devices section, tap  next to the device to unpair.

3. Tap **Disconnect**.

Unpair from a Bluetooth Device

You can make your device forget its pairing connection with another Bluetooth device. To connect to the other device again, you may need to enter or confirm a passcode again.

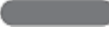
1. Press   > and tap *<icon>* > **Settings** > **Bluetooth**.
2. In the Bluetooth devices section, tap  next to the device to unpair.
3. Tap **Unpair**.

Send Information Using Bluetooth

You can use Bluetooth to transfer information between your device and another Bluetooth-enabled device such as a device or notebook computer. The first time you transfer information between your device and another device, you need to enter or confirm a security passcode. After that, your device and the other device are paired, and you will not need to exchange passcodes to transfer information in the future.

Send Information From Your Device to Another Device

You can send the following types of information, depending on the device you are sending to:

- Images and videos
 - Calendar events
 - Contacts
 - Audio files
1. Set the receiving device to discoverable mode. You may also need to set it to “Receive Beams” or “Receive Files”. Refer to the device’s documentation for instructions on receiving information over Bluetooth.
 2. On the device, open the application that contains the information or file you want to send. For example, if you want to send a photo, press   and tap .
 3. Follow the steps for the type of item you want to send:
 - **Photo or video** (in Camera). After capturing a photo, on the preview screen, tap  > **Bluetooth**.
 - **Photos and videos** (in Gallery). On the **Albums** tab, tap an album, and then tap  > **Bluetooth**.

Tip: If your device remembers Bluetooth as a previous selection within the Camera or Gallery, you can tap  (to the right of the  icon).

- **Calendar event.** In the Calendar's Day view, Agenda view, or Week view, tap the event and then tap **<icon>** > **Send via** > **Bluetooth**.
 - **Music track.** This feature is available through the **Music Player**. With the track displayed on the Now playing screen, tap **<icon>** > **Share music via** > **Bluetooth**.
 - **Voice recording.** On the main Voice Recorder screen, touch and hold a recording and then tap **Share** > **Bluetooth**.
4. If you are prompted to turn on Bluetooth, tap **Yes**.
 5. Tap the name of the receiving device.
 6. If prompted, accept the connection on the receiving device, and enter the same passcode on both your device and the other device, or confirm the auto-generated passcode.
 7. On the receiving device, accept the file.

The location where the information is saved depends on the type of information and the receiving device:

- If you send a calendar event or contact, it is normally added directly to the corresponding application on the receiving device. For example, if you send a calendar event to a compatible device, the event is shown in that device's calendar application.
- If you send another file type to a Windows computer, it is normally saved in the Bluetooth Exchange folder within your personal document folders.
 - On Windows XP, the path may be: C:\Documents and Settings\[your username]\My Documents\Bluetooth Exchange.
 - On Windows Vista, the path may be: C:\Users\[your username]\Documents.
- If you send a file to another device, the saved location may depend on the file type. For example, if you send an image file to another wireless device, it may be saved in a folder named "Images."

Receive Information Using Bluetooth

Your device is capable of receiving a wide variety of file types with Bluetooth, including photos, music tracks, and documents such as PDFs.

1. Press  and tap  > **Settings** > **Bluetooth**.

2. If Bluetooth is not on, tap the on-off slider to turn it on.
3. Tap the check box next to your device's Bluetooth name to make it discoverable.
4. On the sending device, send one or more files to your device. Refer to the device's documentation for instructions on sending information over Bluetooth.
5. If prompted, enter the same passcode on both your device and the other device, or confirm the auto-generated passcode. A Bluetooth authorization request is displayed on your device.
6. If you want to automatically receive files from the sending device in future, select the **Always allow this device** check box.
7. When your device receives a file transfer request notification, slide down the notifications panel, and then tap **Accept**.
8. When a file is transferred, a notification is displayed. To open the file immediately, slide down the notifications panel, and then tap the relevant notification.

When you open a received file, what happens next depends on the file type:

- Media files and documents are usually opened directly in a compatible application. For example, if you open a music track, it starts playing in the Music application.
- For a vCalendar file, select the calendar where you want to save the event, and then tap **Import**.
- The vCalendar is added to your Calendar events. (For more information on using the Calendar, see [Calendar](#).)
- For a vCard contact file, if there are multiple vCard files on your storage card, you can choose to import one, several, or all of those contacts to your contacts list.

microSD Card

A microSD™ (Secure Digital) microSD card is an optional accessory that allows you to store images, videos, music, documents, and voice data on your device.

Remove the microSD Card

Use the following procedures to remove the microSD card from your device.

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

1. Press  and tap  > **Settings** > **Storage**.

2. Tap **Unmount SD** card to release the microSD card from its use by the device. The icon appears within the Notifications area to indicate an unmounted internal microSD card.



- The microSD card must first be mounted in order to unmount it.

5. Open the Memory Card Slot cover and turn to expose the slot.
6. Gently press down on the memory card, so that it pops out from the slot, and carefully pull the card out.



7. Replace the Memory Card Slot cover.

Important! You can easily damage the microSD card and its adapter by improper operation. Please be careful when inserting, removing, or handling it.

Do not over-insert the card as this can damage the contact pins.

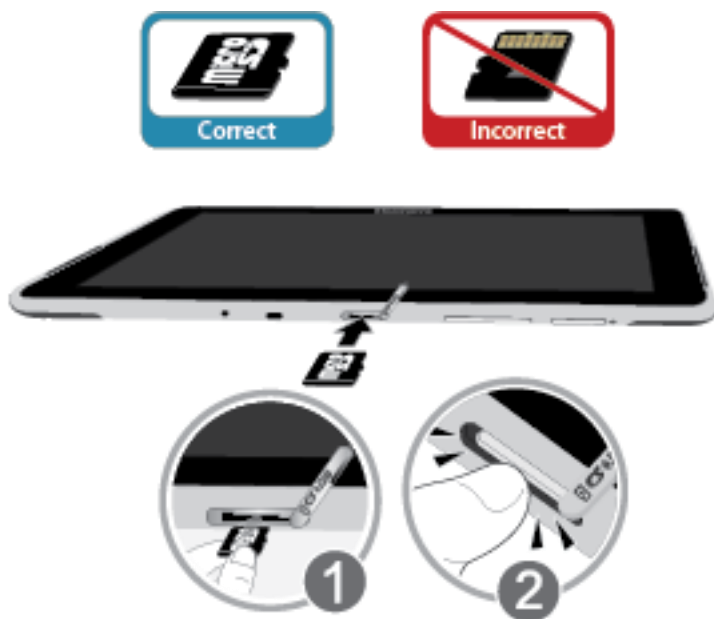
Be sure to use only recommended microSD cards (<64GB). Using non-recommended microSD cards could cause data loss and damage your device.

Make sure your battery is fully charged before using the microSD card. Your data may become damaged or unusable if the battery runs out while using the microSD card.

Insert a microSD Card

Use the following procedures to insert the microSD card into your device.

1. Open the Memory Card Slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place.



3. Replace the Memory Card Slot cover.

View the microSD Card Memory

Use the following procedure to view the microSD card memory information.

- Press  and tap  > **Settings** > **Storage**. (The total and available memory space will be displayed.) See [Device Memory](#) for more information.

Format the microSD Card

Formatting a microSD card permanently removes all files stored on the card. See [SD Card](#) for more information.

1. Press  and tap  > **Settings** > **Storage**.
2. Scroll down the screen, tap **Format SD card** > **Format SD card** > **Delete all**.

Note: The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

Unmount the microSD Card

When you need to remove the microSD card, you must unmount the microSD card first to prevent corrupting the data stored on it or damaging the microSD card. Since you will remove the battery first before you can remove the microSD card, close all running applications on your device and save any data first.

1. Press  and tap  > **Settings** > **Storage**.
2. Tap **Unmount SD card**.
3. Remove the microSD card. See [Remove the microSD Card](#).

Update Your Device

From time to time, updates may become available for your device. You can download and apply updates through the **Settings** > **About Device** menu.

Update Your Device Firmware

You can update your device's software using the **Update Firmware** option.

Before Updating Your Firmware

Updating your device firmware will erase all user data from your device. You must back up all critical information before updating your device firmware.

Back Up All Data Prior to Update

To back up your Gmail information:

1. Press  and tap  > **Settings** > **Accounts and sync**.
2. Tap the **Auto-sync** option to enable the feature (checkmark).
 - If the **Auto-sync** option is on, email, Calendar and Contacts automatically synchronize whenever a change is made.
 - If the **Auto-sync** option is off, tap the sync icon within the account field to reveal the account's synchronization settings screen.

To back up your Exchange Mail information:

1. Press  and tap  > **Settings** > **Accounts and sync**.
2. Tap the sync icon within the Corporate account field to reveal the account's synchronization settings screen.
3. Toggle the onscreen checkmark to manually synchronize the desired parameters (Contacts or Calendar).

To back up your Google applications:

Your Google™ application purchases are reloaded remotely and can be re-installed after the update is applied.

1. Log into your Google account via the device.
2. Press  and tap .
3. Tap **<icon>** > **My apps**.
4. Scroll through the list of previously downloaded Google applications and choose the one you wish to reinstall.
5. Follow the onscreen instructions.

As an added precaution, to preserve any data on your microSD card, please remove it from your device prior to starting the update process

Update Your Device Firmware

Once you have backed up all your data, use the **Update Firmware** option to update your device firmware.

1. Press  and tap  > **Settings** > **System Update**.
 2. Tap **Update Firmware**. (Your device automatically downloads and installs any available updates. You may be required to power your device off and back on to complete the software upgrade.)
- or -
1. Locate  in Notifications.
 2. Touch and hold the Status bar, and then slide your finger down the screen.
 3. Tap  to open the System Updates screen.
 4. Tap **Download** and follow the onscreen instructions.  appears within the Status bar to indicate the device is downloading the necessary files.)
 5. Tap **Restart** and install to complete the process.

Confirm Your Current Device Firmware

1. Press  and tap  > **Settings** > **About device**.
2. Scroll to the bottom of the page and locate the Baseband version read-only field.

Update Your Android Operating System

This option allows you to update the Android Operating System (OS) on your device via an over-the-air connection.

1. Press  and tap  > **Settings** > **System Update** > **Update Samsung Software**.

2. Follow the onscreen instructions.

- or -

1. Locate  (Android OS Update Available) in Notifications.
2. Touch and hold the Status bar, and then slide your finger down the screen.
3. Tap the **Android update available** field.
4. Tap **Download** and follow the onscreen instructions.

Update Your Profile

This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your device.

1. Press  and tap  > **Settings** > **System Update** > **Update Profile**.
2. Follow the onscreen instructions.

Note: If your data services or account syncing ever seems to go out unexpectedly, use this feature to reconnect with the network.

Update Your PRL

This option allows you to download and update the PRL (preferred roaming list) automatically.

1. Press  and tap  > **System Update** > **Update PRL**.
2. Follow the onscreen instructions.

safety and usage information

Comply with the following precautions to avoid dangerous or illegal situations and ensure peak performance of your device.



WARNING

Safety warnings

Keep your device away from small children and pets

Keep your device and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

Protect your hearing



Excessive exposure to sound at high volumes can cause hearing damage. Always turn the volume down before plugging the eardevices into an audio source and use only the minimum volume setting necessary to hear your conversation or music.

Install devices and equipment with caution

Ensure that any devices or related equipment installed in your vehicle are securely mounted. Avoid placing your device and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your device. Incompatible batteries and chargers can cause serious injuries or damage to your device.
- Never dispose of batteries or devices in a fire. Follow all local regulations when disposing used batteries or devices.
- Never place batteries or devices on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Avoid interference with pacemakers

Maintain a minimum of 15 cm (6 inches) between devices and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research. If you have any reason to suspect that your device is interfering with a pacemaker or other medical device, turn off the device immediately and contact the manufacturer of the pacemaker or medical device for guidance.

Turn off the device in potentially explosive environments

Do not use your device at refuelling points (service stations) or near fuels or chemicals. Turn off your device whenever directed by warning signs or instructions. Your device could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Reduce the risk of repetitive motion injuries

When sending text messages or playing games on your device, hold the device with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.



CAUTION Safety precautions

Drive safely at all times

Avoid using your device while driving and obey all regulations that restrict the use of devices while driving. Use hands-free accessories to increase your safety when possible.

Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a device in a certain area.

Use only Samsung-approved accessories

Using incompatible accessories may damage your device or cause injury.

Turn off the device near medical equipment

Your device can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

Turn off the device or disable the wireless functions when in an aircraft

Your device can cause interference with aircraft equipment. Follow all airline regulations and turn off your device or switch to a mode that disables the wireless functions when directed by airline personnel.

Protect batteries and chargers from damage

Avoid exposing batteries to very cold or very hot temperatures (below 0° C/32° F or above 45° C/ 113° F). Extreme temperatures can reduce the charging capacity and life of your batteries.

Prevent batteries from contacting metal objects, as this can create a connection between the + and - terminals of your batteries and lead to temporary or permanent battery damage.

Never use a damaged charger or battery.

Handle your device carefully and sensibly

Do not allow your device to get wet—liquids can cause serious damage. Do not

handle your device with wet hands. Water damage to your device can void your manufacturer's warranty.

- Avoid using or storing your device in dusty, dirty areas to prevent damage to moving parts.
- Your device is a complex electronic device— protect it from impacts and rough handling to avoid serious damage.
- Do not paint your device, as paint can clog moving parts and prevent proper operation.
- Avoid using the device's camera flash or light close to the eyes of children or animals.
- Your device and memory cards may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

Avoid interference with other electronic devices

Your device emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded electronic equipment, such as pacemakers, hearing aids, medical devices, and other electronic devices in homes or vehicles. Consult the manufacturers of your electronic devices to solve any interference problems you experience.



Important usage information

Use your device in the normal position

Avoid contact with your device's internal antenna.

Allow only qualified personnel to service your device

Allowing unqualified personnel to service your device may result in damage to your device and will void your warranty.

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

Handle SIM cards and memory cards with care

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Frequent writing and erasing will shorten the life span of memory cards.
- Do not touch gold-coloured contacts or terminals with your fingers or metal

objects. If dirty, wipe the card with a soft cloth.

Health and safety information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless 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 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 device while operating can be well below the maximum value. This is because the 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 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 device are performed in positions and locations as required by the FCC.

SAR information on this and other model devices can be viewed on-line at <http://www.fcc.gov/oet/ea/fccid/>. Please use the device FCC ID number for search, A3LSPHP500. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular device, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular device. Additional product specific SAR information can also be obtained at <http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-teledevices>

Consumer Information on Wireless Devices

The U.S. Food and Drug Administration (FDA) has published a series of Questions

and Answers for consumers relating to radio frequency (RF) exposure from wireless devices. The FDA publication includes the following information:

What kinds of devices are the subject of this update?

The term wireless device refers here to hand-held wireless devices with built-in antennas, often called “cell,” “mobile,” or “PCS” devices. These types of wireless devices can expose the user to measurable radio frequency energy (RF) because of the short distance between the device and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the device is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called “cordless devices,” which have a base unit connected to the teledevice wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless devices pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless devices. There is no proof, however, that wireless devices are absolutely safe. Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF 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. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless devices?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless devices before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless devices are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless devices to notify users of the health hazard and to repair, replace or recall the devices so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless device industry to take a number of steps, including the following:

- “Support needed research into possible biological effects of RF of the type emitted by wireless devices;
- “Design wireless devices in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- “Cooperate in providing users of wireless devices with the best possible information on possible effects of wireless device use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- “National Institute for Occupational Safety and Health
- “Environmental Protection Agency

- “Federal Communications Commission
- “Occupational Safety and Health Administration
- “National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless devices with the Federal Communications Commission (FCC). All devices that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless devices.

FCC also regulates the base stations that the wireless device networks rely upon. While these base stations operate at higher power than do the wireless devices themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless devices. Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless devices have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless devices, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless devices and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless devices RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of device use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless devices poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless devices would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure

during day-to-day use of wireless devices. Many factors affect this measurement, such as the angle at which the device is held, or which model of device is used.

What is FDA doing to find out more about the possible health effects of wireless device RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless device safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless device users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless device?

If there is a risk from these products - 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 exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless device will reduce RF exposure.

- "If you must conduct extended conversations by wireless device every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless device away from your body.

Again, the scientific data do not demonstrate that wireless devices are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless device use.

What about children using wireless devices?

The scientific evidence does not show a danger to users of wireless devices, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless devices. Reducing the time of wireless device use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless devices at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in

December 2000. They noted that no evidence exists that using a wireless device causes brain tumors or other ill effects. Their recommendation to limit wireless device use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless devices reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless devices, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless devices for convenience and comfort. These systems reduce the absorption of RF energy in the head because the device, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the device is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless devices marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless device accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless devices, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special device cases, while others involve nothing more than a metallic accessory attached to the device. 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 device. The device may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless device users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless device interference with medical equipment?

Radio frequency energy (RF) from wireless devices can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless teledevices. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless device EMI. FDA has tested wireless devices and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless devices so that no interference occurs when a person uses a compatible device and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless devices for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations:

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (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>
- National Radiation Protection Board (UK):
<http://www.hpa-radiationservices.org.uk/rpa>
- Updated 4/3/2002: US food and Drug Administration
<http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellDevices/default.htm>

Operating Environment

Remember to follow any special regulations in force in any area and always switch your device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position.

Using Your Device Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless device. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless device and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the device more than 15 cm (6 inches) from their pacemaker when the device is switched on.
- should not carry the device in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your device off immediately.

Hearing Aids

Some digital wireless devices may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

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 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. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your 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 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 Device

Your device is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the device or make data connections that increase your device bill.

FCC Notice and Cautions

FCC Notice



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

The device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the 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, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Changes or modifications made in the radio device, not expressly approved by Samsung, will void the user's authority to operate the equipment.

The use of any unauthorized accessories may be dangerous and void the device warranty if said accessories cause damage or a defect to the device.

Although your 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 device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.

- Check regularly that all wireless 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 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 both installed or portable wireless equipment 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 device off before boarding an aircraft. The use of wireless device in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of teledevice services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each data connection you make or receive depends on the signal strength in your area. Your device informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your device is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your device is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your device returns to standby mode.

Maintaining Your Device's Peak Performance

For the best care of your device, only authorized personnel should service your device and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your device properly and maintaining safe, satisfactory service.

- Place the device's acoustic output next to your ear for proper orientation.
- Do not tamper or alter the device's antenna.
- Don't use the device if the antenna is damaged.
- Speak directly into the device's receiver.
- Avoid exposing your device and accessories to rain or liquid spills. If your device does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Usage Time

Usage times will vary depending on device usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of mobile data, and other application usage patterns.

Battery Precautions

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the device near the network's base station, it uses less power; usage and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (usage time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A device with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your 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 the device and all its parts and accessories out of the reach of small children.
- Keep the device dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the device with a wet hand. Doing so may cause an electric shock

to you or damage to the device.

- Do not use or store the device in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device warms up to its normal operating temperature, moisture can form inside the device, which may damage the device's electronic circuit boards.
- Do not drop, knock or shake the device. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the device. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the device in or on heating devices, such as a microwave oven, a stove or a radiator. The device may explode when overheated.
- When the device or battery gets wet, the label indicating water damage inside the device changes color. In this case, device repairs are no longer guaranteed by the manufacturer's warranty, even if the warranty for your device has not expired.
- If your device has a flash or light, do not use it too close to the eyes of people or animals. This may cause damage to their eyes.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the device and violate regulations governing radio devices.
- If the device, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.



Correct disposal of this product

(Waste Electrical & Electronic Equipment)

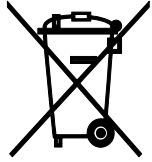
(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item

for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.



Correct disposal of batteries in this product

(Applicable in the European Union and other European countries with separate battery return systems)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.