



User Guide

Samsung
GALAXY Note[®]
10.1
2014 Edition

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10.1
2014 Edition

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

User Manual

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



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Screen images simulated. Appearance of device may vary.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

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Section 1: Getting Started

This section helps you to quickly start using your device.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 126.

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

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

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

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

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

Special Text

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

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

Text Conventions

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

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

From a Home screen, touch  **Apps** →

 **Settings** → **Wi-Fi**.

OFF/ON This button turns a feature or setting **ON** and **OFF**.

-  indicates that the feature is **ON**.
-  indicates that the feature is **OFF**.

Preparing Your Device

Before using your device, install the SIM card and an optional microSD card (not included), and then charge the battery.

Important! Before installing the SIM card, be sure the device is powered off.

To turn the device off, press and hold down the Power key until the **Device options** pop-up appears, and then touch **Power off**.

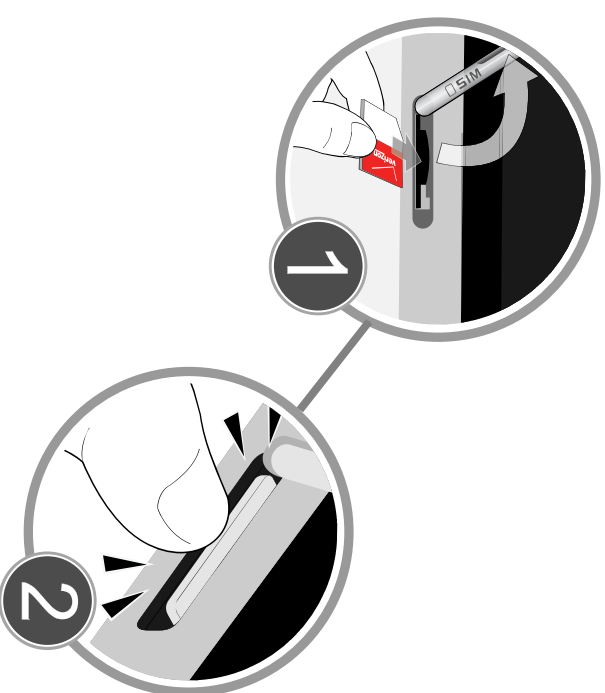
Installing the SIM Card

When you subscribe to a 4G LTE cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features. This SIM card will only work with this device.

Important! The SIM card must be installed for your device to establish a network connection.

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

1. Locate the SIM card slot on the bottom right side of the tablet.
2. Make sure the gold contacts of the SIM card face downward and that the notched corner of the card faces inward toward the left (as shown).
3. Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.



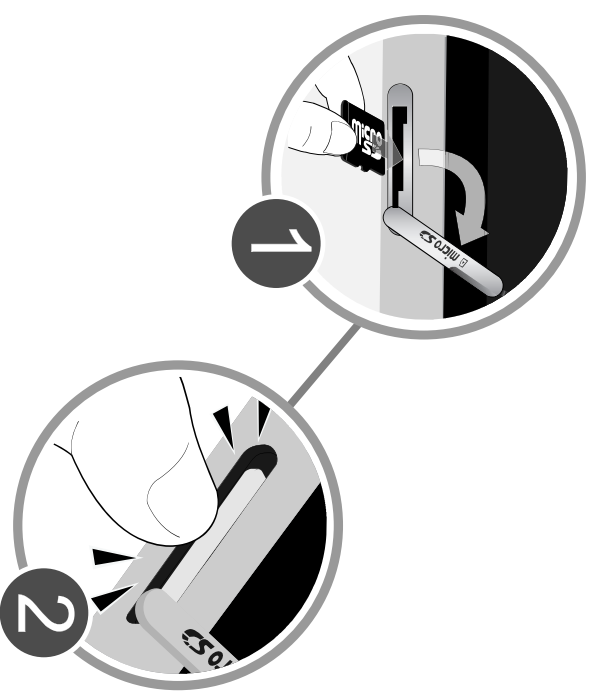
Note: If the SIM card is not inserted correctly, the device cannot make a network connection. Once the SIM card is inserted, do not remove it.

Memory Card

Your device supports removable microSD or microSDHC memory cards (not included) with maximum capacities of 64 GB. Memory cards are used to store music, photos, videos, and other files. For more information, refer to “*Memory Card*” on page 107.

Installing a Memory Card

1. Open the memory card slot cover on the bottom right side of the tablet 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.

Battery

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

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

Charging the Battery

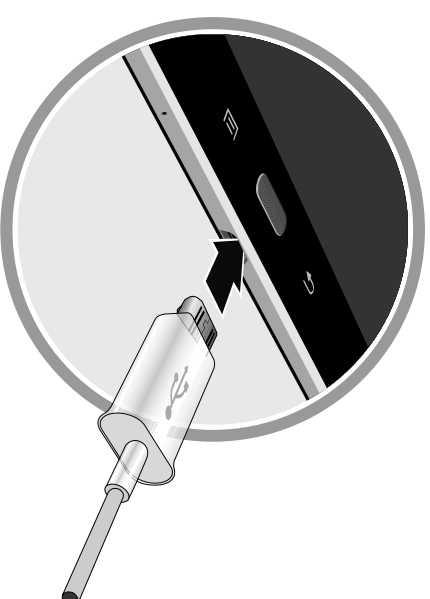
Your device comes with a Wall/USB Charger (Charging Head, and USB cable) to charge your device from any standard AC power outlet.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time. After the first charge, you can use the device while charging.

1. Insert the USB cable into the Charging Head.



2. Insert the USB cable into the device's Charger/Accessory Port.



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.

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

Note:You cannot charge the battery using the USB cable and your PC.

Note:If the battery is completely discharged, you cannot turn on the device, even with the USB power adapter connected. Allow a depleted battery to charge for a few minutes before you try to turn on the device.

Battery Indicator

The battery icon  in the Status Bar shows the battery power level. When battery power is 15% or less, your device prompts you to charge the battery. If you continue to operate the device without charging, the device powers off. For battery use information, see “*About Device*” on page 125.

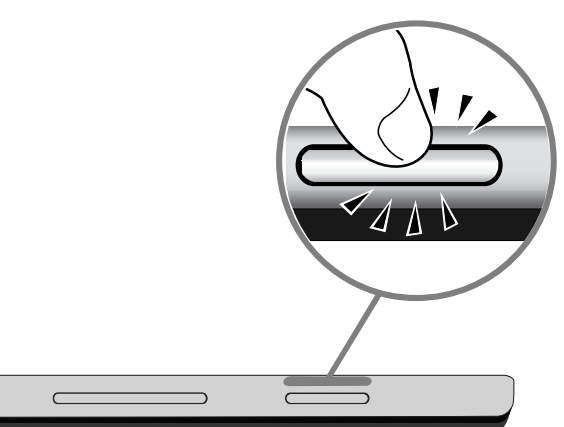
Turning Your Device On and Off

Turning Your Device On

- Press and hold the **Power/Lock key**.

For more information, refer to “*Unlocking the Device*” on page 10.

Note: Your device’s internal antenna is located along the top back of the device. Do not block the antenna; doing so may affect signal quality and may cause the device to operate at a higher power level than is necessary.



Turning Your Device Off

1. Press and hold the **Power/Lock key**.
2. On the popup menu, touch **Power off**.

Setting Up Your Device

The first time you turn your device on, the Setup Wizard will guide you through the basics of setting up your device.

Follow the prompts to choose a default language, set up accounts, choose location services, and learn more about your device.

Touch **Skip** to skip some screens, or touch **Back** to re-display them. (Some screens may or may not display depending on the options you choose.)

Note: If your screen dims or turns off, press the Power/Lock key to continue.

Securing Your Device

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

For other settings related to securing your device, see “*Lock Screen*” on page 110.

Locking the Device Manually

- Press the **Power/Lock key**.

Unlocking the Device

1. Press the **Power/Lock key**.
The Lock screen displays.
2. Swipe across the screen as shown.



The last screen you accessed displays.

Section 2: Understanding Your Device

Features

- 10.1" WQXGA (2560x1600) touch screen
- Android 4.3 Jelly Bean
- Memory:
 - Internal: 32GB (The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.)
 - Memory card: Up to 64GB
- Connectivity:
 - Wi-Fi 802.11 a/b/g/n/ac (2.4 GHz/5GHz)
 - Wi-Fi Direct
 - Mobile Hotspot
 - Bluetooth 4.0 LE
 - DLNA
 - MHL
 - USB 2.0
 - 3.5mm Headset Port
- Camera:
 - Main (rear): 8MP Auto Focus with LED flash
 - Galaxy Camera Modes: Sports, Panorama, Eraser, Rich tone, Drama, Sound & shot, Best face, Best photo, Beauty face, Auto
 - Front: 2MP
- Features:
 - Lighter form factor for ultra-portability
 - Leather-like back cover offers a premium look and feel
 - Integrated S Pen offers the comfort of a pen and the control of a mouse
 - Use two apps simultaneously with the Multi Window feature
 - Customize your magazine page with your favorite topics using the My Magazine feature
 - Replace your TV remote control with WatchOn
 - Use Polaris Office with your Microsoft Office documents while on the go
 - Read up on the latest news with Businessweek+ and NY Times
 - Amazon Suite offers a variety of multimedia and shopping experiences

Front and Sides

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

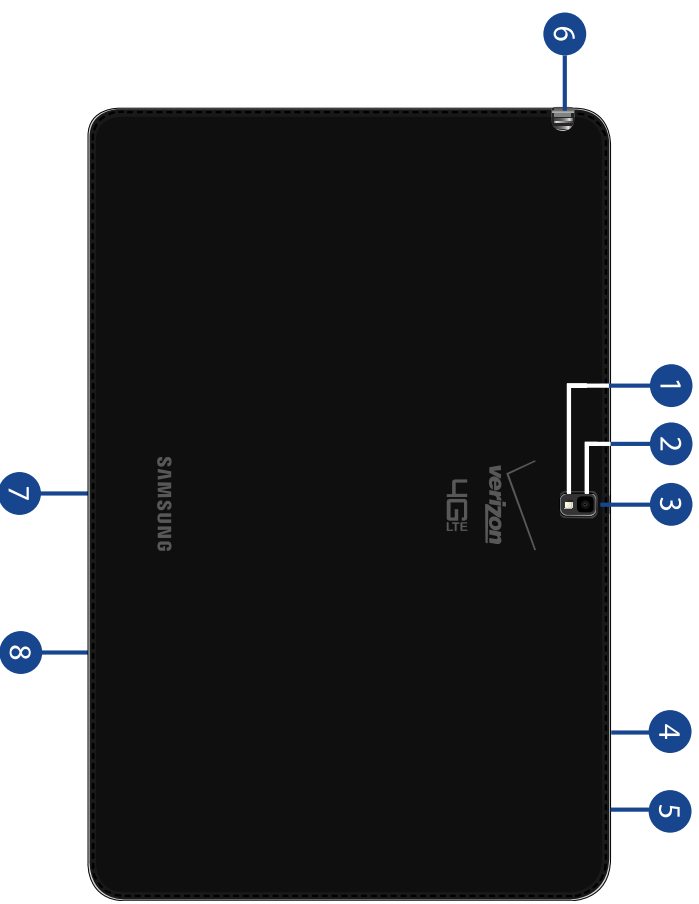
1. **Light Sensor:** Used to control screen brightness automatically when taking photos with the front-facing Camera.
2. **Front-Facing Camera Lens:** Used when taking photos or recording videos.
3. **3.5mm Headset Jack:** Plug in for headphones.
4. **External Speakers:** Used in music or video playback, notification tones, and for other sounds.
5. **Display Screen:** The orientation of the display screen rotates with the tablet as you turn it.
6. **Memory Card Slot:** Install a memory card for storage of files.
7. **Menu:** Display a list of options.
8. **Home:** Display the central Home Screen. Touch and hold to display recent apps that have been accessed.
9. **Back:** Return to the previous screen or option.



Back, Top, and Bottom

The following items can be found on the back, top, and bottom of your device as illustrated.

1. **Flash:** Provides adequate light when taking pictures in dark places.
2. **Camera Lens:** Used when taking photos or recording videos.
3. **Infrared Blaster:** Emits infrared signals used for controlling external devices.
4. **Volume Key:** From a Home Screen, press to adjust Master Volume. During music playback, press to adjust volume.
5. **Power/Lock Key:** Press and hold to turn the device on or off. Press to lock the device or to wake the screen for unlocking.
6. **S Pen:** A built-in stylus that allows you to perform various functions. For more information, refer to “*S Pen*” on page 27.
7. **Charger/Accessory Port:** Plug in a USB cable for charging or to sync music and files.
8. **Microphone:** Used for video chat.



Home Screen

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



- **Notification icons:** New messages, software updates, calendar events, and app notifications.
- **Status Bar:** Displays notifications icons (left side) and status icons (right side).
- **Widgets:** Apps that run on the Home screen.
- **Status icons:** Network status, battery power, connection details, and other system information.
- **Shortcuts:** Shortcuts to apps.
- **Home Screen Indicator:** Highlights which Home screen panel is currently being display.
- **Shortcuts:** Touch to launch the application.
- **App Screen:** Touch to access all of your applications.

Extended Home Screen

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

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the bottom of the display shows your current position.

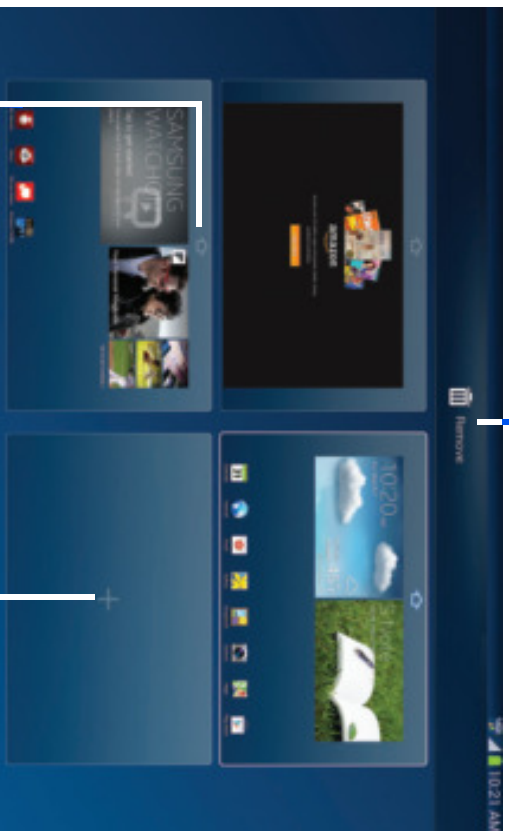
Adding and Removing Home Screen Panels

- From the Home screen, touch  **Menu** → **Edit page**.

— Or —

You can also “pinch” the Home screen to display Edit page options. See “*Pinching and Spreading*” on page 19.

Drag panel here to delete



Set as main Home screen
(the panel with  will
display when you press
the  Home Key)

Add new panel

*Touch and drag a
panel to reposition it

Navigation

Navigate your device's features using the command keys and the touch screen.

Use command keys and the touch screen to navigate.

Command Keys

Back

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

Home

- Touch  **Home** to display the main Home Screen.

Device Menu

- Touch and hold  **Home** to display a list of recently used apps.
 - Touch an app to open it.
 - To close an app, drag the app preview up or down.
 - Touch  **Close all** to end all running apps.
- Touch and hold  to access:
 -  **Google Now**. See “*Google Now*” on page 68.
 -  **Task Manager**: Manage running apps, downloads, device memory, and storage. See “*Task Manager*” on page 49.

Using the Touch Screen

Warning! Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, see “*Warranty Information*” on page 146.

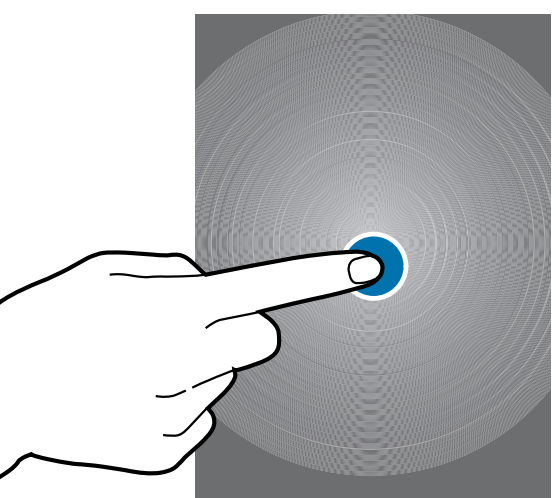
Caution! Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.

Important! Leaving the touch screen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touch screen when you do not use the device.

Finger Gestures

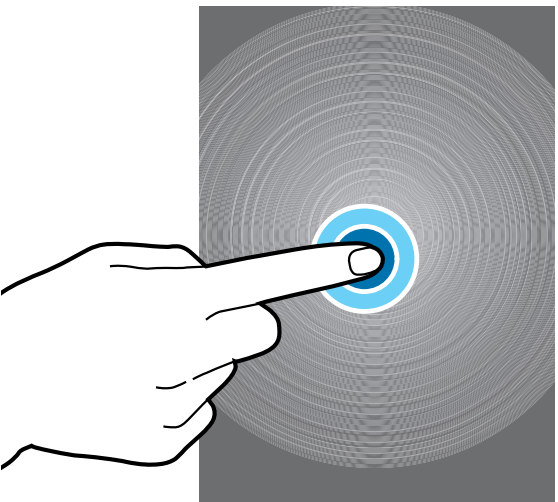
Touching

To open an application, to select a menu item, to press an onscreen button, or to enter a character using the onscreen keyboard, touch it with a finger.



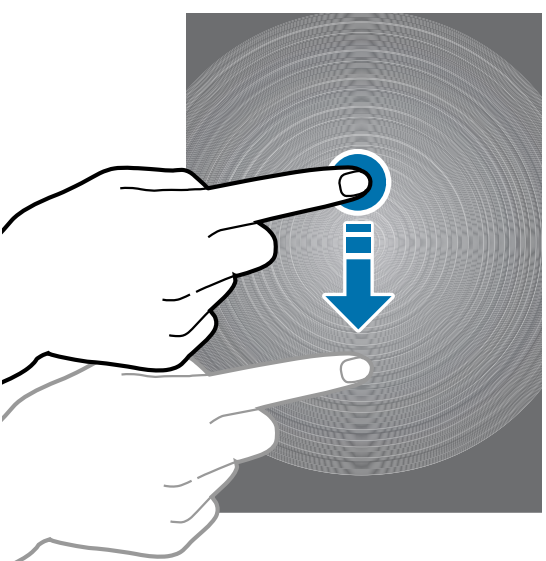
Touching and Holding

Touch and hold an item for more than 2 seconds to access available options.



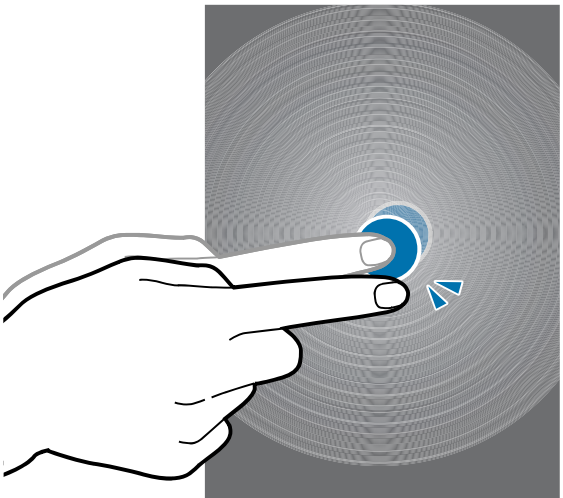
Dragging

To move an icon, thumbnail, or preview to a new location, touch and hold it and drag it to the target position.



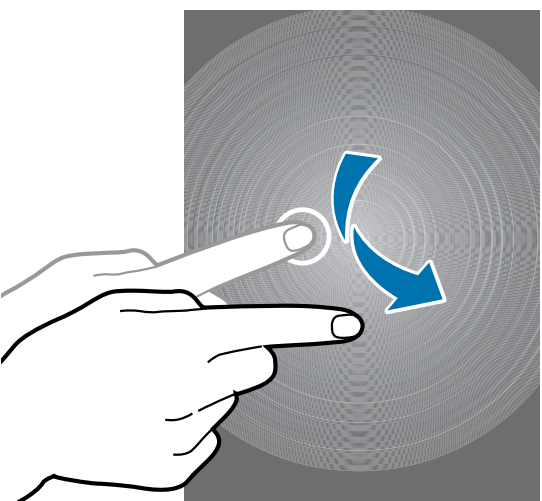
Double-Tapping

Double-tap on a web page, map, or image to zoom in a part. Double-tap again to zoom out again.



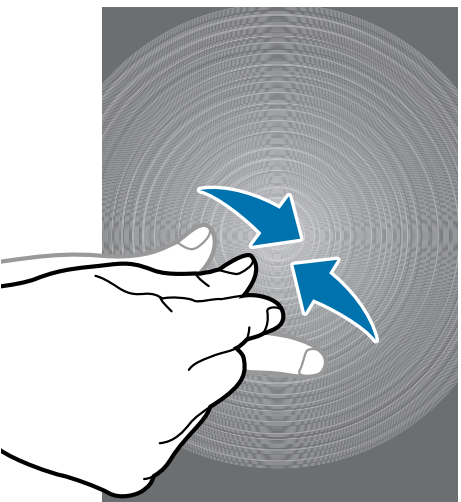
Swipe

Swipe left or right on the Home Screen or the Applications screen to see another panel. Swipe up or down to scroll through a web page or a list, such as contacts.



Pinching and Spreading

Spread two fingers apart on a web page, map, or image to zoom in. Pinch to zoom out.



Control Motions

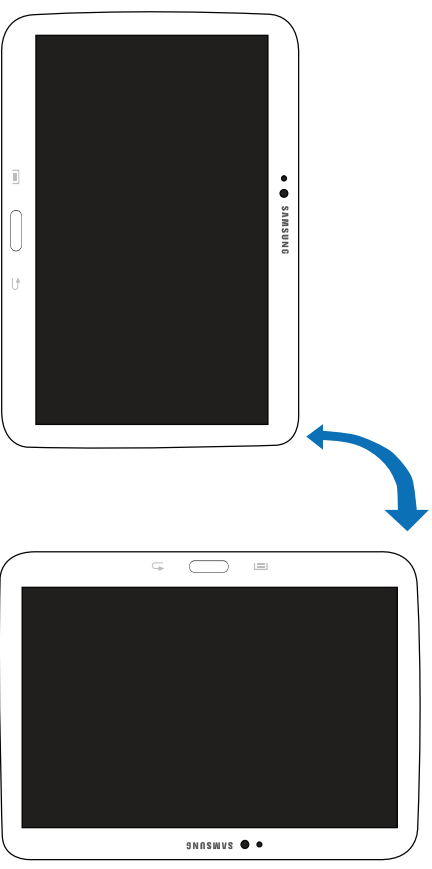
Simple motions allow easy control of the device.

Note: Before using motions, make sure the motion feature is activated. See “*Motion*” on page 120.

Warning! Excessive shaking or impact to the device may result in unintended inputs. Control motions properly.

Screen Rotation

Many applications allow display in either portrait or landscape orientation. Rotating the device causes the display to automatically adjust to fit the new screen orientation.



To prevent the display from rotating automatically, open the Notification panel and deselect **Screen rotation**.

Note: Some applications do not allow screen rotation. Some applications display a different screen depending on the orientation. For example, the calculator turns into a scientific calculator when rotated to landscape.

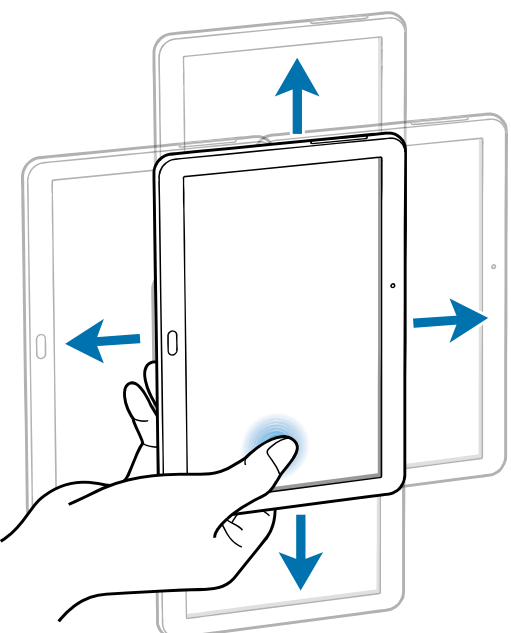
Tilt

Touch and hold two points on the screen, and then tilt the device back and forth to zoom in or out.



Pan

When an image is zoomed in, touch and hold a point on the screen, and then move the device in any direction to browse the image.



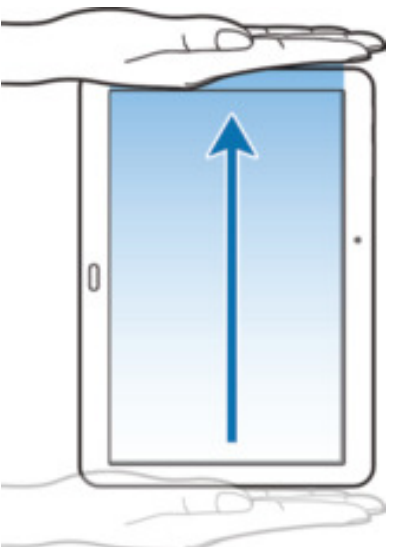
Palm Motions

Use palm motions to control the device by touching the screen.

Note: Before using motions, make sure the motion feature is activated. See “*Motion*” on page 120.

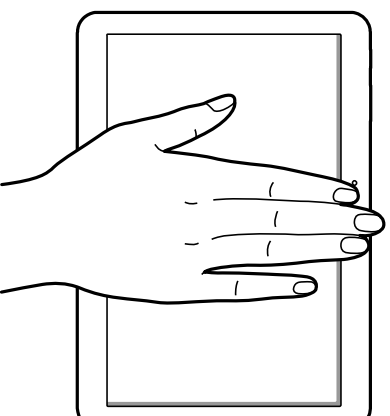
Capture Screen

Sweep your hand across the screen to capture a screenshot. The image is saved in  **Gallery** → **Screenshots** album.



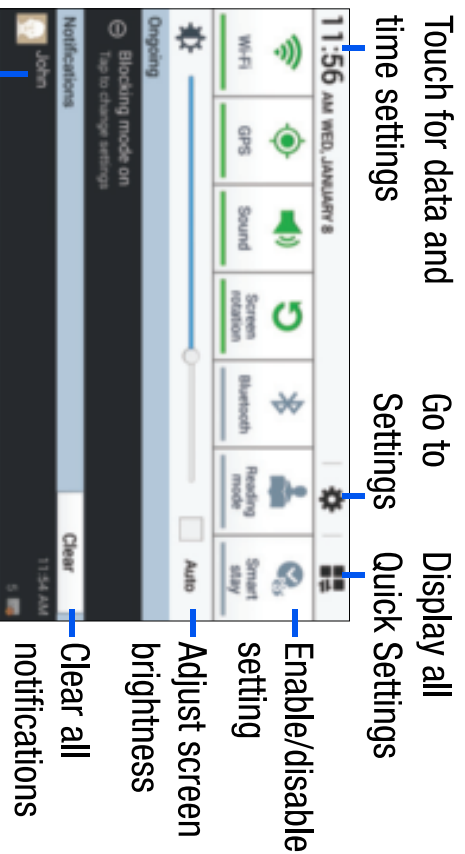
Mute/Pause

Cover the screen with a palm to pause media playback.



Notifications

Notifications shows information about connections, alerts and other items.



Touch to view a notification, or drag left or right to delete

1. Touch and drag downward from the top of the screen to display notifications.
2. Touch an item to open the item, or to launch the related app or feature.

To close the Notification Panel:

- Touch  **Back**, or swipe up.

22

Quick Settings

Use Quick Settings to enable/disable features. Slide your finger right and left to see all the icons.

- **Wi-Fi:** See “*Wi-Fi*” on page 84.
- **GPS:** See “*Location Services*” on page 109.
- **Sound/Vibrate/Mute:** See “*Sound Settings*” on page 101.
- **Screen rotation:** See “*Screen Timeout*” on page 104.
- **Bluetooth:** See “*Bluetooth*” on page 88.
- **Reading mode:** See “*Reading Mode*” on page 104.
- **Smart stay:** See “*Smart stay*” on page 105.
- **Airplane mode:** See “*Airplane Mode*” on page 96.
- **Power saving:** See “*Power Saving Mode*” on page 108.
- **Screen Mirroring:** See “*Screen Mirroring*” on page 100.
- **Multi window:** See “*Multi Window*” on page 103.
- **Mobile data:** See “*Data Usage*” on page 97.
- **Air view:** See “*Data Usage*” on page 97.
- **Sync:** See “*Accounts*” on page 35.
- **Smart pause:** See “*Smart pause*” on page 105.
- **Smart scroll:** See “*Smart scroll*” on page 105.
- **Blocking mode:** See “*Blocking Mode*” on page 100.

To rearrange the options on the Notification panel:

1. Open the Notification panel and touch  → .
2. Touch and hold an item, and then drag the item to another location.

Status Bar

The Status Bar shows network and battery status icons and other details.

For a list of status icons:

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **About device** → **Icon glossary**.

Customizing the Home Screen

Customize the Home screen to suit your preferences.

For information about changing your tablet's screen settings, see “*Display Settings*” on page 103.

Shortcuts and Widgets

You can add, reposition, or remove shortcuts and widgets from the Home screen.

- **Shortcuts:** Icons on the Home screen which launch applications.
- **Widgets:** Self-contained applications. They appear as on-screen applications.

Adding a Shortcut or Widget

You can customize the Home screen by adding shortcuts and widgets.

1. Touch and hold an empty area of the Home screen.
On the pop-up menu, touch **Apps and widgets**.

— or —

Tap  **Apps** to display the Apps screen.

2. For shortcuts, touch the **Apps** tab. For widgets, touch the **Widgets** tab.
3. Touch and hold the shortcut or widget, and then drag it to a position on the Home screen and release.

Removing a Shortcut or Widget

Note: Removing a shortcut does not delete the application, it simply removes the shortcut from the Home screen.

- Touch and hold the shortcut or widget until it detaches, and then drag it to  **Remove** and release.

Folders

Place folders on the Home screen to organize items.

Adding Folders

1. From a Home Page, touch and hold on an empty area of the screen until the *Home screen pop-up* appears.
2. Touch **Folder**.
3. Enter a name for the folder and touch **OK**.

Using Folders

- Touch the folder to open it and access the shortcuts inside.
- To add shortcuts to the folder, touch and hold the shortcut, and then drag it to the folder and release.
- To delete a folder, touch and hold the folder until it detaches, and then drag it to  **Remove** and release.

Wallpaper

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpapers, or select a photo you have downloaded or taken with the Camera.

1. Touch and hold an empty area of the Home screen. On the pop-up menu, touch **Set wallpaper**.
2. Touch **Home screen, Lock screen, or Home and lock screens**.
3. Choose a source:
 - **Gallery:** Choose a picture stored on your device or on an optional installed memory card. Touch a picture to select it, then use the crop tool to resize the picture, if desired. Touch **Done** to set the picture as wallpaper.
 - **Live wallpapers:** Choose from pre-loaded interactive moving wallpapers. Touch a wallpaper, then touch **Set wallpaper**.
 - **Wallpapers:** Choose from pre-loaded wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.

Note: You can also set Wallpaper in Settings. For more information, see “*Wallpaper*” on page 103.

Multi Window

Multi task by using two applications at the same time.

Note: Only applications displayed on the Multi window panel can be used with the Multi window feature.

Activate Multi Window

1. From a Home Screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Multi window**.
3. Touch **OFF/ON** to turn Multi window on, and then touch **Multi window** for options:
 - If desired, touch **Open in multi window view** to automatically view content in multi window when you open files from My Files or Video, or attachments from emails and messages.

Note: You can also activate Multi window from the Notification Panel. For more information, refer to “Notifications” on page 22

Multi window panel



Multi Window Panel

Multi window apps are displayed on the Multi window panel.

To display the Multi Window panel:

1. Activate Multi Window.
2. Touch the Tab on the right edge of the screen to display the Multi window panel. After a few seconds, the panel will be hidden again.

Using Multi Window Applications

You can use Multi window to run two applications at the same time.

1. With Multi window activated, touch the Tab on the right edge of the screen to display the Multi window panel.
2. Drag an app off the panel and release. Drag a second app off of the panel and release it into one of the highlighted windows.

Window Controls

Select an application window and touch  in the middle of the windows. Window controls appear:

-  Switch app to compact screen.
-  Switch locations between Multi Window applications.
-  Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.
-  Close the application.

Creating a Paired Window

Use this feature to save the combination of current running Multi Window applications.

1. With Multi window activated, touch the Tab to display the Multi window panel.
2. Touch  to access the panel controls.
3. Touch  **Create**.
4. Enter a title and then touch **OK**.

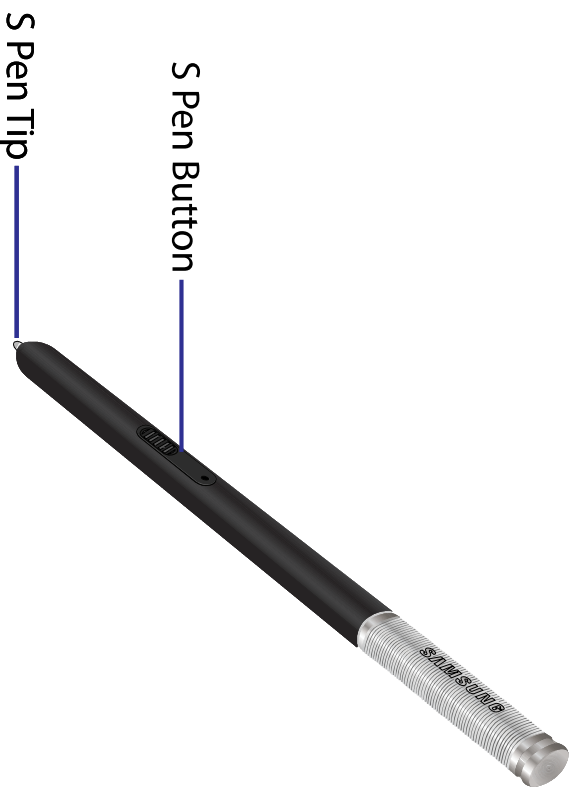
Panel Configuration

You can rearrange the apps on the Multi window panel, add new apps or remove apps.

1. With Multi window activated, touch the Tab to display the Multi window panel.
2. Touch  to access the panel controls.
3. Touch  **Edit**.
4. Configure apps:
 - To remove an app from the panel, drag it off of the panel and place it in the storage area.
 - To add an app to the panel, drag it from the storage area to the panel.
 - To relocate an app, drag it to a new location.

S Pen

The S Pen is a stylus that assists you in selecting screen items and performing functions such as taking memos, creating screenshots, finding information, and more.



Tip: For best results, keep the S Pen mostly perpendicular to the touch screen and avoid using it at sharp angles.

Using the S Pen

The S Pen is stored within your device at the top right corner.

- Pull out the S Pen using the notch on the end. When you remove the S Pen from its slot, the touch screen turns on (if it is off) and *Air Command* displays. See “*Air Command*” on page 28.



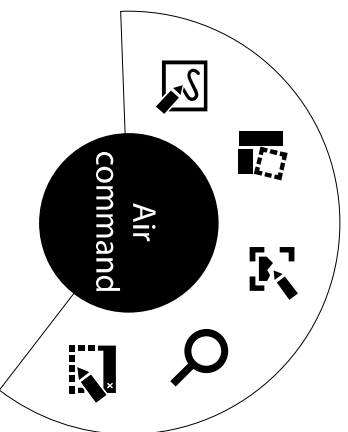
Air Command

Use the *Air command* menu to quickly launch S Pen applications and actions.

- To launch the Air command menu, simply remove the S Pen from the S Pen slot.

— or —

Hold the S Pen near the screen and press the S Pen button.

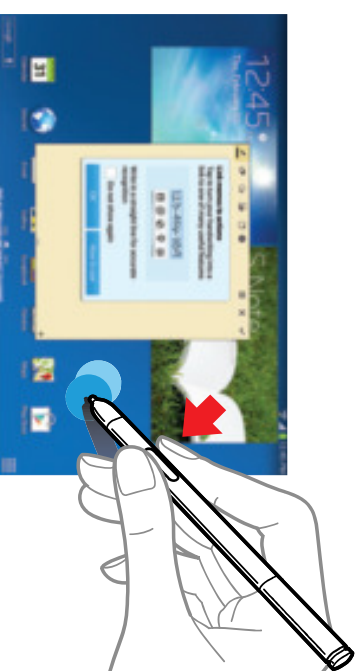


- **Action Memo:** Link short notes to applications.
- **Scrap booker:** Capture, save and categorize clipped images.
- **Screen Write:** Capture screenshots and write or draw on them.
- **S Finder:** Search device contents.
- **Pen Window:** Outline a window on the screen to quickly access selected applications.

Launching Action Memo

With the S Pen button pressed, double-tap the screen to launch Action Memo.

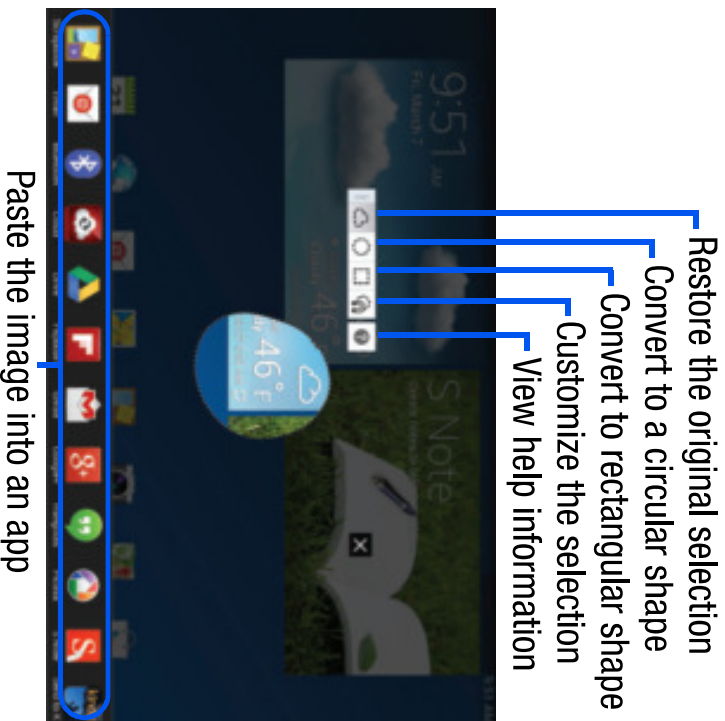
Jot down or draw a note, and then select the memo by tapping  to perform various actions, such as adding contacts or sending a email. With the memo selected, draw a line around an area with the S Pen to perform actions with the selected area.



Easy Clip

Outline and crop images on the screen, in any shape, to share or paste. You can edit the cropped content, or personalize it with handwriting notes.

1. Press and hold the S Pen button, then draw around the image you want to clip, making sure to close the shape.
2. Tap the app you want to paste the image into, or if you do nothing, the image is pasted to Clipboard.

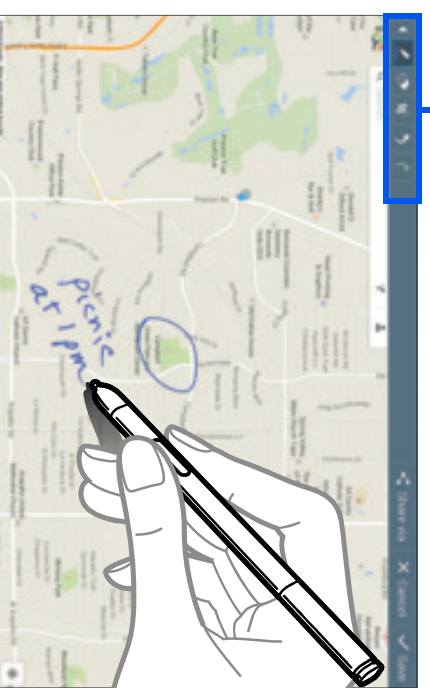


Capturing Screenshots

Use S Pen to capture an image of the screen. You can then write or draw on the screenshot and save it to the Gallery.

1. With the S Pen button pressed, touch and hold the S Pen on the screen until the screen border flashes.
2. The screenshot is automatically saved to the **Gallery** → **Screenshots** folder, as well as placed on the clipboard.
3. Use S Pen to write or draw on the screenshot.
4. Touch **Save**. The edited image is saved to the **Gallery** → **Screenshots** folder.

Writing/drawing Tools

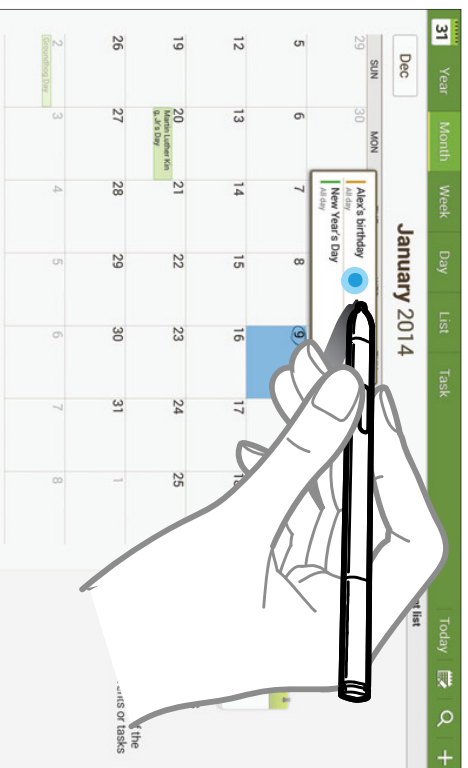


Note: It is not possible to capture a screenshot while using some applications.

Air View

Hover S Pen over the screen to preview content or to view information about an item on the screen. For example:

- Hover over a photo album to preview the contents, or see a picture enlarged.
- Hover over the time line during video playback to preview and navigate to specific scenes.
- In Calendar, hover over dates and events to see details.
- Hover over an icon or screen button to view the item's title.



For more information about Air View, see “*Motion*” on page 120.

My Magazine

Make your own social magazine with My Magazine.

My Magazine brings you personalized news and information, social media, and more together in a magazine-style layout.

- **News:** View news feeds from a variety of sources.
- **Personal:** View all of your favorite content in one place.
- **Here & Now:** View news and information based on your location.
- **Social:** View content from Twitter, Google+, LinkedIn, and many more.

Accessing My Magazine for the First Time

1. From a Home Screen, touch and drag upward from the bottom of the screen.
The My Magazine Welcome screen displays.
2. Touch **Next**.
The Terms of Use screen displays.
3. Touch each **Agree** check box and then touch **Start**.
4. Turn on Location services, if necessary.
5. Swipe left or right to scroll between the **News**, **Personal**, **Here & Now**, or **Social** My Magazine screens.

Viewing My Magazine

Use these actions while viewing My Magazine.

Viewing Topics

- Swipe left or right to scroll between topics.
- While viewing the top page of a topic, drag downward to refresh the topic's articles.
- Swipe up or down to view additional pages for the current topic.
- Touch any preview to view the entire article.
- Touch  **Menu** for options:
 - **Refresh:** Sync all articles with the Flipboard servers.
 - **Settings:** Configure My Magazine app settings.
 - **About:** Read the Terms of Use.
 - **Help:** Get assistance using My Magazine.

Viewing Articles

- Swipe left or right to move between pages.
- Touch  to share the article.
- Touch  to “Like” this article.
- Touch  to “Add” this article.
- Touch  or  to return to the topic page.
- Touch  **Menu** for options:
 - **Save Image to Device:** Save a copy of all images on the current page to Gallery.
 - **Read Later:** Save this article to your article list for later.
 - **View on Web:** View the Internet source of the article.
 - **Report:** Flag this article as inappropriate for review by Flipboard.

Personalize My Magazine

1. From any Home Screen, swipe the bottom of the screen upwards to view My Magazine.
2. To personalize My Magazine, touch . For each topic, touch the check box to include that topic in My Magazine.
 - For each topic, touch , and then touch new items or content to include.
3. To rearrange topics, touch **Change order**, and then touch and drag  up or down.
4. Touch  **Back** to view My Magazine.

Entering Text

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

You can also use voice input to speak your inputs.

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

Text Input Methods

Your device offers two text input methods: Google voice typing and the Samsung keyboard.

You can set a default text entry method in Settings. For more information, see “*Default Input Method*” on page 115.

To choose a text input method at any time:

- While entering text, touch and drag downward from the top of the screen to display Notifications, then touch **Select input method**.

Using Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text. Input characters by tapping the onscreen keys with your finger, or use speech recognition.

You can enable predictive text, to have the Samsung keyboard match your key touches to common words and displays them. Select a word from the display to insert it into your text.

Configure Samsung Keyboard

Configure the Samsung keyboard to your preferences.

- For more information, see “*Samsung Keyboard*” on page 116.
- While entering text, touch and hold , then select  from the pop-up menu.

Entering Upper and Lower Case Letters

The default case is lower case (abc). To enter upper and lower case letters, touch  **Shift**, then the letter key(s).

- Touch once to switch from abc to Abc mode.
- Touch twice quickly to switch to ABC mode. Press again to return to lower case mode.

Entering Common Symbols

- To enter common symbols, touch  to switch to symbol mode, then touch the corresponding key.
- Touch  to display additional symbols.
- Touch  to return to letter keys.

Using Google Voice Typing from the Samsung Keyboard

When enabled as an input method, you can switch to Google voice typing from the Samsung keyboard.

For more information about using Google voice typing, see “*Using Google Voice Typing*” on page 34.

- Touch , and then speak your input.

Using Predictive Text

When using Predictive text, you can have next-letter prediction and regional error correction, which compensates for pressing the wrong keys on the QWERTY keyboard.

- While entering characters, potential word matches display in the Predictive text area above the keyboard. Touch a word to insert it into your text.

Using Google Voice Typing

Use your voice to enter text using the Google Voice typing feature.

1. While entering text, touch and drag downward from the top of the screen to display Notifications, then touch **Select input method → Google voice typing**.

— or —

While using the Samsung keyboard, touch .

2. At the **Speak now** prompt, speak your text. As you speak, the text displays in the text field.
3. To return to using the Samsung keyboard, touch anywhere in the text field.

For more information on configuring Google voice typing, see “*Google Voice Typing Settings*” on page 117.

Section 3: Contacts and Accounts

Accounts

Your device provides the ability to synchronize information, from a variety of accounts, including Email, Facebook, Google, and your Samsung account. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Contacts from your accounts appear in your device's Contacts.

With synchronization, you can ensure that information on your device is updated with any information that changes in your accounts.

Setting Up Your Accounts

Set up and manage your accounts with the Accounts settings.

For information about setting up other, non-synchronized email accounts, see “*Setting Up Email Accounts*” on page 43.

Adding an Account

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

Contacts

Use Contacts to store information for your friends, family and colleagues, to make contacting them easy.

Adding Contacts

1. From a Home screen, touch  **Apps** →  **Contacts** →  **Add contact**.
2. At the **Save contact** to prompt, select a save option for the contact (options depend on accounts set up):
 - **Device:** Save to the tablet's Contacts.
 - **Google:** Save to your Google account.
 - **Microsoft Exchange ActiveSync:** Save to your Outlook account.
3. Touch contact fields to enter information. Touch  to add another entry, or  to remove an entry.
 - Touch  **Photo ID** to choose a picture to identify the contact.
 - Touch **Name** to enter a name for the contact. Touch  for additional name fields.
 - Touch **Phone number** to enter a phone number, and then touch  to choose a label.
 - Touch **Email address** to enter an email address, and then touch  to choose a label.

- Touch **Groups** to assign the contact to a group. For more information about Groups, see “*Groups*” on page 41.

- Touch **Add another field** to add more fields, including **Phonetic Name, Organization, IM, Address, Notes, Nickname, Website, Events, or Relationship**.

4. When you finish entering information, touch **Save**.

Updating Contacts

Make changes to update an existing contact.

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to view its information, then touch  **Edit**.
3. Continue entering contact information. See “*Adding Contacts*” on page 36.

Contacts Options

1. From a Home screen, touch  **Apps →**  **Contacts**.
2. Touch a contact to display it, then touch  **Menu**:
 - **Delete contacts**: Delete one or more contacts.
 - **Share namecard via**: Send one or more contacts as namecards. See “*Sending Namecards (vCards)*” on page 39.
 - **Send message/email**: Send a message or email to one or more contacts.
 - **History**: View calls and messages to and from this contact.
 - **Link contact/Separate contact**: Manage multiple contacts as one. For information, see “*Linking Contacts*” on page 38.
 - **Mark as default**: Set a default tablet number or other field (such as IM or email address). Defaults are the contact method used when creating a message or calling a contact. You can also set a default by touching and holding on a contact field.
 - **Add shortcut to home**: Add a shortcut icon to a Home screen to provide direct access to this contact.

Choosing Contacts to Display

- **Contacts to display**: Select which contacts to display.
 - **Import/Export**: Import or export contacts. See “*Exporting and Importing Contacts*” on page 39.
 - **Accounts**: Manage your synced accounts.
 - **Settings**: Access Contacts settings.
 - **Help**: View help for using Contacts.
1. From a Home screen, touch  **Apps →**  **Contacts**.
 2. Touch  **Menu**, then touch **Contacts to display**:
 - Choose **All contacts** to show all contacts.
 - Touch **Device** to show only show contacts saved to the tablet.
 - Touch **SIM** to show only contacts saved to the SIM card.
 - Choose an account to only display contacts from that account.
 - Choose **Customized list** to select contact types for each account and device.

My Local Profile

My local profile is your own contact record, listed under ME in Contacts. You can send My local profile as a vCard over a Bluetooth connection or as an attachment to a message.

Creating My Local Profile

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. At the top of the **Contacts** list, under **ME**, touch **Set up profile**. The My local profile pop-up displays.
3. Enter your information in the contact fields.

For more information, see “*Adding Contacts*” on page 36.

Sending My Local Profile

You can send your profile as a vCard over a Bluetooth connection or as an attachment to a message.

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Under **ME**, touch your profile to display your contact information.
3. Touch  **Menu**, then touch **Share namecard via**.
4. Choose a sending method, then follow the prompts to send the profile.

Linking Contacts

Your device can synchronize with multiple accounts, including Google, Corporate, and other providers, plus social networking sites like Facebook. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

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

Linking Contacts

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch and hold on a contact, then select **Link contact**.
3. Select a contact to join to the selected contact.

Separating Contacts

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch a contact to display its information.
3. Touch  to display the linked contacts.
4. Touch  next to a contact to remove it from the **Linked contact list**.

Exporting and Importing Contacts

You can export your contact list to and from USB storage (your device's memory), or an installed memory card.

Contacts are exported and imported as a special VCF file, and contacts are sent as vCards.

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu**, then touch **Share namecard via**. For more information, see “*Sending Namecards (vCards)*” on page 39.

– Or –

Touch **Import/Export**, then select an option:

- **Import from USB storage:** Copy contacts that are saved in device memory.
- **Export to USB storage:** Copy contacts to device memory.
- **Import from SD card:** Copy contacts from a memory card (not included).
- **Export to SD card:** Copy contacts to a memory card.
- **Import from SIM card:** Copy contacts that are saved to the SIM card to device memory.

3. Follow the prompts to complete the operation.

Sending Namecards (vCards)

You can send a contact namecard as a vCards using a Bluetooth connection to other Bluetooth devices, or as an attachment to a Gmail or Email message.

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

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu**, then touch **Import/Export** → **Share namecard via**.
3. Touch **Selected contact**. Choose a sending method and follow the prompts to send the namecard.

– Or –

Touch **Multiple contacts**. Touch contacts to mark them for sending, or touch **Select all** to mark all contacts. Touch **Done**. At the prompt, choose a sending method, then follow the prompts to send the namecard.

Contacts Settings

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch  **Menu**, then touch **Settings**:
 - Select **Only contacts with phones** to show contacts with at least one stored phone number.
 - Touch **List by** to sort contacts by first or last name.
 - Touch **Display contacts by** to list contacts by first or last name.
 - Touch **Contact sharing settings** to set your preferences for transferring contacts by Bluetooth. You can choose to send all namecards at once, or individually. For more information about sending contacts, see “*Sending Namecards (vCards)*” on page 39.

Favorites

Mark contacts with a ★ star to identify them as Favorites. Favorites display on the Favorites tab in the Tablet and Contacts for fast dialing or messaging, and are indicated by the ★.

Accessing Favorites

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

Creating Favorites

1. From a Home screen, touch  **Apps** →  **Contacts**.
2. Touch the **Favorites** tab →  **Menu** → **Add to Favorites**, select the contacts to be added to favorites, then touch **Done**.

— or —

Touch a contact to display it, and then touch ★ next to the contact's name.

Groups

Assign contacts to Groups to make searching for contacts faster, or to quickly call or send messages to group members. Your device comes with pre-loaded groups you can use to add your contacts, or you can create new groups.

Accessing Groups

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

Creating a New Group

1. From a Home screen, touch  **Apps** →  **Contacts** → **Groups** tab.
2. Touch  **Menu** → **Create** and enter information:
 - Touch **Group name** to enter a name for the group.
 - Touch **Add member** to select members from Contacts.
3. Touch **Save** to save the new group.

Adding Contacts to a Group

1. From a Home screen, touch  **Apps** →  **Contacts** → **Groups** tab.
2. Touch a **Group** to display it, and then touch  **Add member**.

3. Touch contact(s) to mark them for addition, or touch **Select all** to mark all contacts.

4. Touch **Done** to add the selected contact(s).

Removing Contacts from a Group

1. From a Home screen, touch  **Apps** →  **Contacts** → **Groups** tab.
2. Touch a **Group** to display it.
3. Touch  **Menu**, then touch **Remove member**.
4. Touch contact(s) to mark them for removal, or touch **Select all** to mark all contacts.
5. Touch **Done** to remove the selected contact(s).

Sending an Email to Group Members

Create a new email addressed to the group's members.

1. From a Home screen, touch  **Apps** →  **Contacts** → **Groups** tab.
2. Touch a **Group** to display it.
3. Touch  **Menu** → **Send email**.
4. Touch group members to mark them as recipients for the new message, and then touch **Done**.
5. The new message opens with the marked contacts as recipients. For more information about using email, see “*Composing and Sending Email*” on page 44.

Deleting a Group

1. From a Home screen, touch  **Apps** →  **Contacts** → **Groups** tab.
2. Touch  **Delete**.
3. Touch a group to mark it for deletion, or touch **Select all** to mark all groups. (You cannot delete pre-loaded groups.)
4. Touch **Delete**, and then choose **Group only** or **Group and group members**.
5. Touch **OK** to delete the selected group(s).

Editing a Group

1. From a Home screen, touch  **Apps** →  **Contacts** → **Groups** tab.
2. Touch a Group to display it.
3. Touch  **Menu** → **Edit**, and then update information for the group.

Section 4: Messaging

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

Types of Messages

Your tablet supports these types of messages:

- Email and Gmail messages
- Instant messaging

Message Icons on the Status Bar

Message icons are displayed on the Status Bar at the top of the display when new messages are received. For more information, refer to “*Status Bar*” on page 23.

Email

Send and receive email using popular email services.

Setting Up Email Accounts

You can configure Email for most accounts in just a few steps.

1. From the Home screen, touch  **Apps** →  **Email**.
2. The first time you set up an email account, select your email provider.

— or —

From the Home screen, touch  **Menu** → **Settings** →  **Add account**, and then select your email provider.

3. Follow the prompts to set up your email account.

Composing and Sending Email

1. From a Home screen, touch  **Apps** →  **Email**.
2. If you have multiple accounts set up, choose an account from the menu at the top of the screen.
3. Touch  **Compose**, then touch fields to enter recipients and the email text.
4. While composing a message, use these options:
 - Touch  **Menu** for options. Available options depend on the type of email account.
 - Touch  **Attach** to add a file to the message. Available options depend on the type of email account.
 - Touch  **Save** to save a draft of this message.
 - Touch  **Cancel** to discard this message.
5. Touch  **Send** to send the message.

Syncing Email Accounts

Syncing refreshes your device with the account's servers. When you set up an email account, you can choose whether the account syncs in the background or manually.

- From a Home screen, touch  **Apps** →  **Email** →  **Sync**.

Email Settings

Use settings to configure handling of your email.

Note: Available settings depend on the email provider.

1. From a Home screen, touch  **Apps** →  **Email**.
2. Touch  **Menu** for these options:
 - **Sort by:** Select the criteria the order in which your messages are listed.
 - **View as:** List your messages in *Standard view* or in *Conversation view*.
 - **New meeting invitation** (Microsoft Exchange accounts only): Send a meeting invitation message. Also see “Calendar” on page 54.
 - **Create folder:** Create a new folder for organizing emails.
 - **Documents** (Microsoft Exchange accounts only): Enter Windows SharePoint Services or Windows file address to access documents.
 - **Font size:** Choose the desired text font size for your messages.
 - **Delete all:** Delete all messages in the displayed folder.
 - **Settings:**

General settings

- **Display:** Set how emails are shown in the email list and when you open them.
- **Composing and sending:** Set what functions are available while composing and sending emails.
- **Auto advance:** Show the email list after an email has been deleted, moved, etc.
- **Confirm deletions:** Ask for confirmation before deleting email.
- **Priority senders:** Manage your priority senders.
- **Spam addresses:** Edit the list of senders and domain names reported as spam.
- **Rules for filtering:** Set email filtering rules and manage filtered email in combined view.

Account settings

- Touch an account to configure its settings. Available options depend on the account.
- **Help:** View instructions on how to set up email accounts.

Deleting Email Accounts

1. From a Home screen, touch  **Apps** →  **Email**.
2. Touch  **Menu** → **Settings** →  **Delete account**.
3. Select email account(s) for deletion, then touch **Delete**.

Gmail

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

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

Setting Up Your Gmail Account

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

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

Note: You can use more than one Google account on your device. To add another account, from the Home screen, touch  **Menu** → **Settings** →  **Add account** → **Google**.

Composing and Sending Gmail

1. From a Home screen, touch  **Apps** →  **Google** folder →  **Gmail**.
2. Touch  **Compose**, then touch fields to compose the message. While composing, touch  **Menu** for options.
3. To send the message, touch  **SEND**.

Refreshing Your Gmail Account

Syncing refreshes your device with the account's servers. When you set up an email account, you can choose whether the account syncs in the background, or manually.

- From a Home screen, touch  **Apps** →  **Google** folder →  **Gmail** →  **Menu** → **Refresh**.

Gmail Settings

Use settings to configure your Gmail preferences.

1. From a Home screen, touch  **Apps** →  **Google** folder →  **Gmail**.
2. Touch  **Menu** → **Settings** for options.

Section 5: Applications

Apps Screen

The Apps screen () holds all applications installed on your device. Applications that you download and install are also added to Apps.

From the Apps screen, you can change the way apps appear on the screen, uninstall apps you've downloaded, and share apps with friends. When you install new apps, additional screens are added to hold them.

The Apps screen is like the Home screen—it consists of panels that extend beyond the display width to provide more space. Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the bottom of the display shows your current position.

Tip: You can place shortcuts to apps on the Home screen.

See *“Adding a Shortcut or Widget”* on page 23.

Accessing the Apps Screen

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

Downloading and Installing Apps

Discover new apps to download and install on your device:

-  **Play Store:** For more information, see *“Play Store”* on page 77.

Uninstalling Apps

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

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

Customizing the Apps Screen

Sort Option

By default, app icons appear in a Customizable grid. You can change the view type to an Alphabetical grid.

1. From the **Apps** screen, touch  **Menu** → **Sort by**.
2. Choose an option:
 - **Customizable Grid**: The default view, which allows you to touch and hold on apps to move them from screen to screen.
 - **Alphabetical grid**: Icons are arranged in a grid, in A-Z order.

Apps Screen Options

- From the **Apps** screen, touch  **Menu** for options:
 - **Edit**: Touch and hold an app icon for these options:
 - Drag it to a new location.
 - Drag it to  to create a new folder to contain the icon.

— Drag it to  to launch Application manager to view information about the app. For more information, see “*Application Manager*” on page 108.

— Drag to  (if available) to remove the icon. The trashcan is only available for apps you’ve installed. Pre-loaded apps cannot be removed.

- **Create folder**: Create a new folder to contain apps.
- **Sort by**: Configure how apps are listed on the screen.
- **Uninstall/disable apps**: Remove/or disable an app that you downloaded from your device. Preloaded apps cannot be uninstalled.
- **Show disabled apps**: Control whether disabled app icons are visible on the Apps screen.

Task Manager

Your device can run multiple apps simultaneously, with some apps running in the background. Use Task Manager to see which apps are running on your device, and to end running apps to extend battery life. You can also uninstall apps from your device and check memory usage.

1. From any unlocked screen, press and hold the  **Home Key**, then select **Task manager**.
2. Touch the **Active applications** tab to view apps running on your device. Touch **End**, or **End all** to close apps.
3. Touch the **Downloaded** tab to view information about apps you've installed on your device. Touch **Uninstall** to remove an app from your device.
4. Touch the **RAM** tab to display the amount of RAM (Random Access Memory) in use. Touch **Clear memory** to clear processes to increase available RAM.
5. Touch the **Storage** tab for internal system storage and SD card memory statistics.

Application Folders

There are several applications that are grouped into different folders. The applications in this section are described alphabetically. The following folders contain the applications listed below:



Amazon: Amazon, Amazon Kindle, Amazon MP3, Appstore, Audible, and IMDb.



Google: Chrome, Drive, G+ Photos, Gmail, Google, Google Settings, Google+, Hangouts, Play Books, Play Games, Play Movies & TV, Play Music, Play Newsstand, and Voice Search.



Samsung: Action Memo, Flipboard, Internet, S Voice, Scrapbook, SketchBook for Galaxy and Story Album.



Tools: Calculator, Downloads, and My Files.



Verizon: Cloud, Mobile Hotspot, My Verizon Mobile, Setup Wizard, Verizon Messages, and VZ Navigator.

Action Memo

The S Pen and Action Memo let you quickly access the information you need while using any application. You can keep a memo always nearby by pinning it to the screen.

Link your short notes to applications like Contacts, Messages, and more. For more information, refer to “S Pen” on page 27.

Creating a New Memo

1. From a Home screen, touch  **Apps** →  **Samsung** →  **Action Memo**. The action Memo screen is displayed.
2. Touch an existing Memo to open it then touch the screen to enter edit mode.
— or —
Touch  **Create** to create a new action memo.
3. Use the onscreen options to create your memo.
4. Touch  **Save** to store the new memo.

Use these tools to create your memo:

-  Add free-format drawing and change the input color.
-  Erase marks and drawings.
-  Circle an onscreen text or drawing to then assign that as an action item to an available application such as Call, Contacts, Messages, Email, Internet, Maps, and Calendar event.
-  Display additional functions.
-  Allows you to edit the current color.
-  Detaches the current memo and converts it in a small popup box.
-  Reduces the number of onscreen options.
-  Closes the current session and save the action memo.
-  Cancels the current memo.
-  Saves the current memo and creates a new one.
-  Add an additional page to the memo.

5. From within the main application screen select the following functions:

- **Search:** Search for information within existing memos.
- **Create:** Create a new memo.
- **Delete:** Delete an existing memo.

Alarm

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

2. From the **Alarm** tab, touch  **Create alarm**.

3. Set a basic alarm:

- Use the arrow symbols to enter adjust the hour, and minutes, then touch **AM** or **PM** (toggles depending on which was last selected).
- Touch the **Alarm repeat** field and touch the number of times you want this alarm to repeat. Selections are: day blocks or **Repeat weekly**. Selected day blocks turn blue when active.

- Touch the **Alarm type** field and select one of the following: **Melody**, **Vibration**, or **Vibration and melody**.

- Slide the slider bar left or right in the **Alarm volume** field to decrease or increase the alarm volume. A sample of the volume level plays.

- Touch the **Alarm tone** field and either select an available tone or select **Add** to use locate a sound to use as an alarm ringtone. Touch **OK** to activate the ringtone.

4. **Advanced alarm settings:**

- Move the **Location alarm** slider to the right to activate the feature, then follow the onscreen instructions to enter a location. When activated, the alarm only sounds when you are at a specific location.

- Touch **Snooze** to activate the feature:
 - **Interval** indicates the length of time the alarm will remain silent between alarm notifications (snooze time).
 - **Repeat** indicates the numbers of snooze sessions that are assigned to this alarm. How many times will the snooze silence the alarm.
- Touch **Smart alarm** to start the alarm a few minutes early, and slowly increase the alarm volume.
 - Touch **Interval** to set the length of time the alarm will remain silent between alarm notifications (snooze time).
- Touch **Tone** to select one of several nature sounds to use as the alarm tone.
- 5. Touch the **Name** field and enter a name for this Alarm.
- 6. Touch **Save** to store the new alarm event.

Stop an Alarm

- Touch and slide  to any direction to stop an alarm when it sounds.

Amazon

Shop with Amazon.

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

Amazon Kindle

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

Note: You must be registered with Amazon to use the Kindle application. At the prompt, enter your Amazon account credentials.

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

Amazon MP3

Shop for music with Amazon.

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

Appstore (Amazon)

Browse and download applications, games and more from the Amazon application store.

- From a Home screen, touch  **Apps** →  **Amazon folder** →  **Appstore.**

Note: Airtime or download charges may apply when using Appstore.

Audible

Download audio books to enjoy on your tablet.

- From a Home screen, touch  **Apps** →  **Amazon folder** →  **Audible.**

Businessweek+

Read Bloomberg Businessweek+ weekly for all the content of the print edition of the magazine along with exclusive content and interactive features.

- From a Home screen, touch  **Apps** →  **Businessweek+.**

Calculator

Perform basic and scientific mathematical calculations.

- From a Home screen, touch  **Apps** →  **Tools folder** →  **Calculator.**

Calendar

With this feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder. Google Calendar is built into the tablet and synchronizes both new and existing entries between your tablet and your online Google account.

Important! You should previously add an account (Facebook, Microsoft Exchange ActiveSync, or Google) prior to using the Calendar.

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

Calendar.

The following tabs are available:

- **Year:** Display the Year view.
- **Month:** Display the Month view.
- **Week:** Display the Week view.
- **Day:** Display the Day view.
- **List:** Display the events in a List view.
- **Task:** Search for tasks.

2. Touch **Today** to display the current date indicated by a

blue box, then touch  **Menu** and select one of the following options:

- **Go to:** Display a specific date.
- **Delete:** Delete *All events*, *All events before today*, or an *individual event*.
- **Sync:** Refresh your synced calendars.
- **Calendars:** View the current Calendar accounts.
- **Settings:** Display a list of configurable settings.

Creating a Calendar Event

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

Calendar.

- ### 2. Within the Year, Month, Week, and Day tabs, **Create event** to create a new Calendar event.

Enabling the Handwriting Mode

Edit the Calendar using hand-written information.

1. From a Home screen, touch  **Apps** →  **Calendar**.
2. Touch  **Handwriting mode**.
3. Use the following functions:
 -  Write or draw.
 -  Erase marks and drawings.
 -  Undo the last action.
 -  Redo the last action that was undone.
 -  Exit the current action and returns to the Calendar application.
 -  Save the current updates.

Calendar Settings

1. From a Home screen, touch  **Apps** →  **Calendar**.
2. Touch  **Menu** → **Settings**.
3. Touch the **View settings** tab for options:
 - **Week view**: Set the week view to *Timeline* or *Analog*.

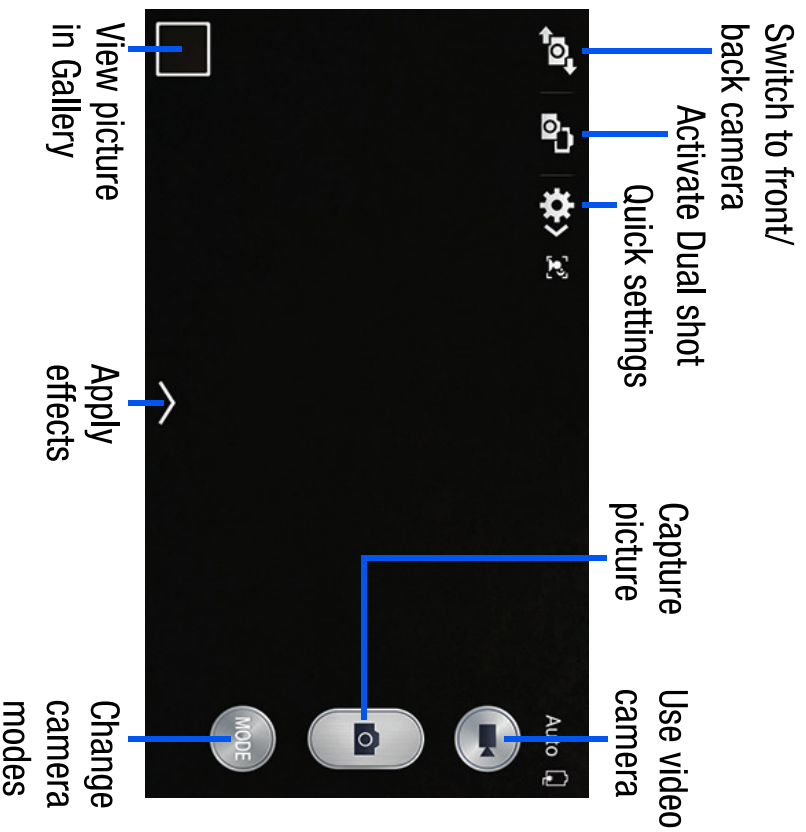
- **First day of week**: Choose *Locale default*, *Saturday*, *Sunday*, or *Monday*.
- **Hide declined events**: Do not display declined events.
- **Lock time zone**: Lock event times and dates to your selected time zone.
- **Select time zone**: Set your time zone.
- **Show week number**: Display week numbers.
- **Hide completed tasks**: Do not display completed tasks.
- **Weather**: Display weather information from *AccuWeather.com*.

4. Touch the **Event notification** tab for options:
 - **Set alerts and notifications**: Adjust the event notification method. Choose *Alert*, *Status bar notification*, or *Off*.
 - **Select ringtone**: Assign a ringtone to this event notification.
 - **Vibration**: Assign a vibration notification to this event.
 - **Quick responses**: Edit your default quick responses for outbound emails.

Camera

You can use the camera or camcorder to take and share pictures and videos.

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



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

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

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

Take a Picture

You can take pictures with your phone's front or back camera, or combine shots with Dual mode.

1. From a Home screen, touch  **Apps** →  **Camera**.
2. Using the phone's screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your picture, use the onscreen options, or these gestures:
 - Press the **Volume Key** up or down to zoom in or out, or touch the screen with two fingers and pinch or spread them on the screen to zoom in or out.
 - Touch the screen to focus on the area you touched.
3. Touch  to take the picture.

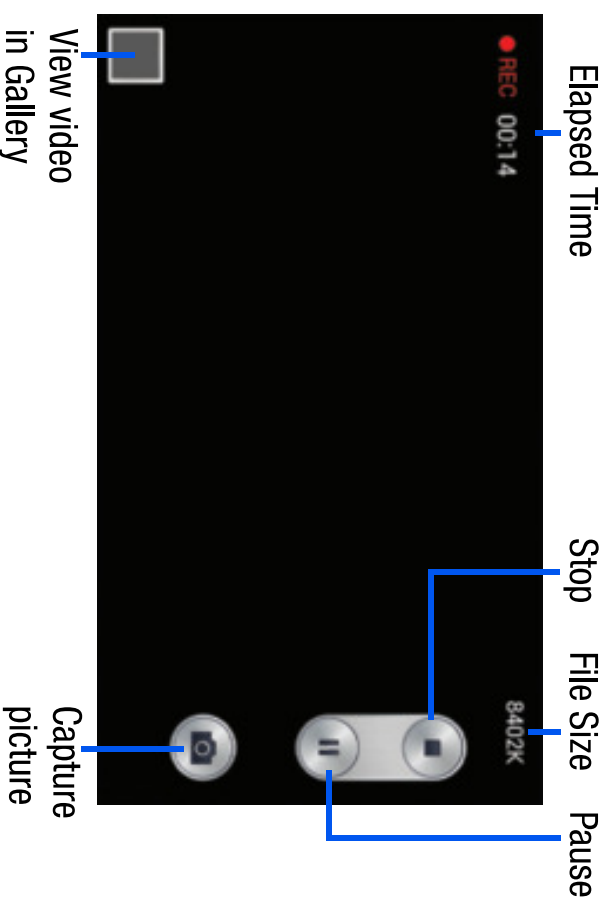
Record Videos

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

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

Note:When the Camera app is initially launched, the screen displays onscreen camera controls, including the Record Video button. While recording video, video camera controls are temporarily displayed. For more information about the Camera screen, see “Camera” on page 56.

2. Using the phone's screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your shot, use the onscreen options, or these gestures:
 - Press the **Volume Key** up or down to zoom in or out, or touch the screen with two fingers and pinch or spread them on the screen to zoom.
 - Touch the screen to focus on the area you touched.
3. Touch  **Record** to begin recording.



4. While recording, you can use these options:
 - Touch the screen to change the focus area to the area you touched.
 - Touch  to take a picture while continuing recording.
 - Touch  **Pause** to temporarily stop recording.
 - Touch  **Start** to begin recording again.
 - Touch  **Stop** to stop recording.

Camera Options

Camera options are special options that you can choose, right on the camera screen, to make your pictures or videos special.

1. From a Home screen, touch  **Apps** →  **Camera**.
2. Touch an option:

- **Front/Back Camera:** Touch  to switch between the front and back cameras. With the front camera, you can take self-portraits or record yourself. With the back camera, you can take pictures or record what's in front of you.

- **Mode:** Touch  to choose a shooting mode. Scroll available modes, and then touch a mode to select it. Modes include:

- **Auto:** Automatically adjusts the exposure to optimize the color and brightness of pictures. In Auto mode, you can take single or burst shots (take burst shots by holding Capture button to take multiple shots until you lift your finger).

- **Beauty face:** Automatically enhances facial features.

- **Best photo:** Allows you to select the best shot from multiple shots you take at the same time.

- **Best face:** Select the best shot of each subject in order to get the best possible group shot.

- **Sound & shot:** Adds a few seconds of background sound to enhance pictures.

- **Drama:** Take a series of photos and combine them to create an image that shows trails of movement.

- **Rich tone (HDR):** Allows you to take pictures in various exposures and merge them to create pictures with rich color.

- **Eraser:** Remove moving subjects in the background.

- **Panorama:** Take multiple pictures to merge into one expansive panoramic picture.

- **Sports:** Allows you to capture clear shots of a moving subject.

Quick Camera Settings

Use Quick settings to quickly configure settings while you take pictures and record videos.

1. From a Home screen, touch  **Apps** →  **Camera**.
2. Touch  to access settings:
 - **Advanced settings:** Touch  to access advanced camera settings. For more information, see “*Advance Camera Settings*” on page 59.
 - **Flash:** Touch  to choose a flash setting.
 - **Night mode:** Touch  to automatically adjust the camera in low light to give brighter, clearer photos without using the flash.
 - **Voice control:** Touch  to access voice control settings, for using voice commands to take pictures and record video. For more information, see “*Voice Control*” on page 121.
 - **Timer:** Touch  to choose a timer setting to delay the taking of pictures or recording.

- **Recording mode:** Touch  to choose a mode for recording. Choose Limit for MMS to restrict recordings to a size that can be attached to a multimedia message.

Choose Normal to control the speed of recording.

- **Share:** Touch  to choose a method for sharing pictures and videos. You can choose Share shot, Buddy photo share, or Remote viewfinder.

- **Hide Settings:** Touch  to hide Quick camera settings.

Advance Camera Settings

Use Advanced settings to configure default options for pictures and videos.

1. From a Home screen, touch  **Apps** →  **Camera**.
2. From the Camera screen, touch  and then touch  for these settings:
 -  **Photos**
 - **Photo size:** Choose the default size for pictures.
 - **Burst shot:** Touch and hold the camera button to take a rapid series of photos.
 - **Tap to take pics:** Touch the screen to focus the camera and take a picture.

- **Face detection:** Set the camera to automatically adjust settings for taking pictures of faces.
 - **Metering modes:** Set how the camera measures the light source.
 - **ISO:** Set the sensitivity of the camera's light meter.
 - **Smart stabilization:** Allow the camera to compensate for movement of the device when taking pictures.
 - **Save as:** Select how your device should handle saving rich tone photos-save both the Rich tone photo and the original photo, or save only the Rich tone photo. This option is only accessible when you have selected Rich tone (HDR) from the camera modes.
-  **Videos**
 - **Video size:** Choose the default size for videos.
 - **Video stabilization:** Allow the camera to compensate for movement of the device when recording video.
 -  **General Settings**
 - **Location tag:** Store GPS location information in picture files.
 - **Review pics/videos:** Set pictures to display briefly after you take them so you can review them.
 - **Volume Key:** Choose a function for the Volume Key while using the Camera: as a Zoom key, the Camera key, or the Record key).
 - **Timer:** Set a timer to delay the taking of pictures or recording.
 - **White balance:** Choose a setting for current light conditions.
 - **Exposure value:** Adjust the brightness of pictures.
 - **Guidelines:** Display guidelines on the screen to aid in composition.
 - **Flash:** Choose a flash setting.
 - **Voice control:** Take pictures or record videos by speaking commands. For more information, see Voice Control.
 - **Contextual filename:** Add GPS information to filenames. GPS tag must be enabled to use contextual filenames.

– **Save as flipped:** Reverse, or mirror, the photo when saving (front camera only).

– **Storage:** If you have an optional memory card installed (not included), you can choose whether to save files to device memory or to the memory card.

- **Reset:** Return settings to the factory defaults.

Chrome

Use Google Chrome to browse the web.

- From a Home screen, touch  **Apps** →  **Google folder** →  **Chrome**.

Cloud

Use the Verizon Cloud secure storage app to back up and access your information.

1. From a Home screen, touch  **Apps** →  **Verizon folder** →  **Cloud**.
2. Enter your **Verizon Wireless Mobile Number** and your **Verizon Password**.
3. Touch **Sign in**.

Contacts

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

For more information, refer to “*Contacts*” on page 36.

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

Downloads

View and manage files downloaded to your tablet.

1. From a Home screen, touch  **Apps** →  **Tools folder** →  **Downloads**.
2. Touch an item to open it (if an appropriate application is installed.)

Note: Applications you download in Google Play Store are managed in Play Store, and will not appear in Downloads.

Drive

Use the Google Drive app to open, view, rename, and share your Google Docs and files.

1. From a Home screen, touch  **Google folder** →  **Drive**.  **Apps** →
2. Sign in to your Google account. For more information, refer to “*Setting Up Your Gmail Account*” on page 45. A product tour displays the first time you access Drive.
3. Touch **Next** to view the product tour or touch **Go to Drive** to get started.

Tip: Touch  **Menu** → **Product Tour** to repeat the product tour at any time.

4. Follow the onscreen instructions to use Drive.
5. Touch  **Menu** → **Settings** to configure your Drive preferences.
6. Touch  **Menu** → **Help** to display additional help information.

Email

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

For more information, refer to “*Email*” on page 43.

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

Flipboard

Create 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.

Visit flipboard.com to learn more.

- From a Home screen, touch  **Apps** →  **Samsung** →  **Flipboard**.

G+ Photos

Automatically save every photo you take with your phone. Then it is easy to view, organize, and share them with friends and family of your choice. Turn on Auto Backup in the G+ Photos app to get started.

Great photos deserve to be shared, and G+ Photos makes it easy to share your great photos. You are in control of who sees your photos. You can choose individuals, entire circles, or email addresses. You can even get a link to send around or share on other sites.

1. Sign in to your Google account. For more information, refer to “*Setting Up Your Gmail Account*” on page 45
2. From a Home screen, touch  **Apps** →  **G+ Photos**.
The G+ Photos Highlights screen displays.
3. Follow the on-screen instructions to use G+ Photos.
4. Touch  **Menu** → **Settings** to configure your G+ Photos preferences.
5. Touch  **Menu** → **Help** to display additional help information.

Gallery

Using the Gallery application, you can view pictures and watch videos that you've taken with your phone's camera, downloaded, or copied to an optional memory card (not included).

For pictures stored on an optional memory card, you can do basic editing such as rotating and cropping. You can also set a picture as your contact picture or wallpaper and share pictures with your friends.

While viewing pictures in the Gallery, scroll up the screen to view more albums. Simply touch an album to view the photos or videos in that album.

If you have pictures or videos stored on an optional memory card (not included), they will be display folders they are stored in, and folders are treated as 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.

Note: Touch  **Menu** → **Help** to learn about Gallery.

1. From a Home screen, touch  **Apps** →  **Gallery**.
 2. Browse files stored in your phone's memory, or on an optional installed memory card (not included). From the main **Gallery** screen, you have these options:
 - Touch the menu in the toolbar to display files by Albums, All, Time, Locations, People, or Favorites.
 - Touch a picture or video to display it in full screen view.
 - Touch and hold thumbnails to select them (indicated by a check mark).
 - Touch  to create a New album. Give the album a name, and then select and drag thumbnails to the album to move or copy files to the new album.
 - Touch  to launch the Camera app.
- Touch  **Menu** for Gallery options. Options may vary depending on the view:
 - **Select album/Select item:** Depending on the view, touch albums or items to select them. After selection, you can touch  **Menu** again for options you can use with the selected item.
 - **Slideshow:** Choose options to create a slideshow for viewing your pictures and videos.
 - **Sort by oldest/latest:** Sort items by date.
 - **Scan for nearby devices:** Scan for Wi-Fi devices to share photos and videos.
 - **Settings:** Configure Gallery settings.
 - **Help:** Get help using Gallery.

View Photos and Videos

After selecting an album from the Albums tab, you can browse the photos and videos of that album. Touch a photo or video to view it fullscreen.

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a thumbnail to view the photo or video. While viewing, you can use these options:
 - **Select device:** Send the photo or video to a nearby device.
 - **Share via:** Choose an option for sharing the photo or video.
 - **Trim:** Remove the beginning and ending frames of a video.
 - **Delete:** Delete the photo or video.
 - **Camera:** Launch the Camera app.
3. Touch  **Menu** for more options. Options may vary according to item being viewed:
 - **Edit:** Edit the photo.
 - **Favorite:** Mark the photo or video as a favorite.
 - **Slideshow:** View a slideshow of your photos and videos.

- **Photo frame:** Add a decorative frame to the photo.
- **Photo note:** Write a note on the 'back' of the photo.
- **Copy to clipboard:** Place the photo on the clipboard for pasting into other apps.
- **Print:** Print the photo to a compatible Samsung Wi-Fi printer (not included).
- **Rename:** Rename the photo or video.
- **Buddy photo share:** Share the photo with people tagged in the photo.
- **Rotate left:** Rotate the photo 90 degree to the left.
- **Rotate right:** Rotate the photo 90 degree to the right.
- **Crop:** Crop the photo.
- **Set as:** Set the photo as a Contact photo, or as wallpaper for the Home screen and Lock screen.
- **Details:** View file details about the photo or video.
- **Settings:**
 - **SNS data management:** Enable **Sync only via Wi-Fi** to only sync photos and videos when connected to a Wi-Fi network.

— **Tags:** Enable **Tag buddy** and **Face tag**. Tag buddy identifies each photo with information such as the weather, location, people in the photo, or date created. Face tag scans each photo to detect people's faces, which you can then tag with their name.

— **Sound & shot:** Enable **Auto play sound** to automatically play the recorded sound when viewing pictures taken in Sound & shot mode.

Zoom In or Out on a Photo

There are two ways you can zoom in or out of a photo.

- Touch the screen twice quickly to zoom in and then touch the screen twice quickly again to zoom out.

— Or —

You can also use “pinch” and “spread” gestures to zoom in or out. See “*Pinching and Spreading*” on page 19.

Editing a Photo

You can edit your photos using the built-in Photo editor application on your device. The photo editor application provides basic editing functions for pictures that you take on your phone. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the picture.

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Select a folder location and touch a file to open it.
3. With the image displayed, touch  **Menu** → **Edit** to launch the photo editor.

4. Touch and hold the image then select an option:

- **Selection mode:** provides several onscreen selection options such as: Select area, Inverse selection, Selection size, and Selection mode (Magnetic, Lasso, Brush, Round, and Square).
- **Select all:** Select the entire area of the current image.
- **Clipboard:** Place the photo on the clipboard for pasting into other apps.

5. Use the following editor controls to edit your picture:

-  **Undo:** Undo the last action.
-  **Redo:** Redo the last action.
-  **Cancel:** Close the currently displayed photo.
-  **Save:** Save this photo to the memory card.
-  **Rotate:** Rotate a photo in all 4 directions. You can also mirror image the photo.
-  **Crop:** Crop (cut-out) an area of a photo.
-  **Color:** Auto adjustment, Brightness, Contrast, Saturation, Adjust RGB, Temperature, Exposure, and Hue of a photo.
-  **Effect:** Add various effects to your photo.
-  **Sticker:** Place various pre-created onscreen stickers on top the of current image.
-  **Drawing:** Draw on the picture using a brush, pen, or eraser.
-  **Frame:** Place a pre-created border style on top of the current image.

6. Touch **Menu** to access the following options:

- **Select image:** Select a new image for editing.
- **Take picture:** Activate the camera and take a new image for editing.
- **Share via:** Select a sharing method to share your saved photo and follow the onscreen instructions.
- **Set as:** Assign the image as a Contact photo, Home and lock screens wallpaper, Home screen wallpaper, Lock screen wallpaper, or to Wallpaper.
- **Save as:** Rename your current image and save it to your gallery.

Sharing Pictures and Video

You can share pictures and videos via Email, Messaging, Bluetooth, or popular sharing services.

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch an album to display preview. Touch  **Menu** → **Select item**, and then touch previews to mark them for sharing.
3. Touch  **Share via** and follow the prompts.

Setting a Picture as a Contact Photo

Set a picture as a contact's photo. The contact's photo displays with notifications to calls or messages from the contact.

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category, and then touch a picture to select it.
3. Touch  **Menu** → **Set as** → **Contact photo**.
4. Select a contact, or create a new contact, with the selected picture as the contact's photo.

Setting a Picture as Wallpaper

Set a picture as the wallpaper for the Home and Lock screens.

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category, and then touch a picture to select it.
3. Touch  **Menu** → **Set as**.
4. Select an option, from Home screen, Lock screen, or Home and lock screens wallpaper. Use the crop tool to edit the picture. Touch **Done**.

Gmail

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

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

Google

Use Google Search to search the Web.

- From a Home screen, touch  **Apps** →  **Google** folder →  **Google** and enter the search text.

Google Now

Google Now recognizes repeated actions performed on the device (including accessing locations, repeated calendar appointments, search queries, and more). Google Now uses these actions to automatically send updates for user-specific information in the form of “cards.”

For more information, visit google.com/landing/now.

Note: You must be signed in to your Google Account to use Google Now. If not, touching  **Google Now** will launch a basic Google search.

1. Press and hold the  **Home Key**, and then touch  **Google**.
2. Follow the instructions to set up and use Google Now.

Note: When Google Now is enabled, you can also access it by touching  **Apps** →  **Google folder** →  **Google**.

Google Settings

As Google has become more intertwined with other applications, this menu provides a quick and ready access point to configure preferences for Google+, Maps & Latitude, Location, and so on. You can also use the Search function to initiate a Google Search from this menu.

1. From a Home screen, touch  **Apps** →  **Google folder** →  **Google Settings**
2. Select one of the available onscreen options.
3. Follow the onscreen prompts.

Google+

Stay connected and share life as it happens with Google+. Chat with friends and family, post photos, or see what others are sharing while you're on the go.

Visit google.com/mobile/+ to learn more.

Note: This app requires a Google Account.

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

Hangouts

Previously known as *Google Talk*, Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/+/learnmore/hangouts to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch  **Apps** →  **Google folder** →  **Hangouts.**

Help

Access information on using your device's features, basic functions and settings, and built-in applications.

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

IMDb

Search movies and actors, view trailers and show times, explore top charts and box office information, and add movies and TV to your personal Watchlist.

- From a Home screen, touch  **Apps** →  **Amazon** folder →  **IMDb**.

Internet

Your device is equipped with an web browser for surfing the Internet.

- From a Home screen, touch  **Apps** →  **Samsung** →  **Internet**.

Navigating the Internet

Command keys

- Touch  **Back** or  to return to the previous page.
- Touch and hold  **Back** display browser History.
- Touch → **Forward** to go forward to a recent page.
- Touch  **Refresh** to reload the current page.

Touching and dragging

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

Entering text in a field

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

Zoom

- Tap the screen twice to zoom in or out.

Entering a URL

- Touch the **URL** field at the top of the screen to enter the URL using the virtual QWERTY keyboard, then touch **Go**.

Selecting Items on a Page

- Touch an item to select it.
- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for options.

Tabs

You can have multiple tabs open at one time, each with a different web page.

- To open a new tab, touch  **New tab**.
- Touch a tab to display it.
- To close a tab, touch  **Close tab**.

Bookmarks

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

Create a bookmark for the current web page:

1. Touch  **Bookmarks** →  **Add bookmark**.

— Or —

Touch  in the address field.

2. Enter the required information and touch **Save**.

Access bookmarks, saved pages, and browsing history:

- Touch  **Bookmarks** to display bookmarks.
 - Touch a bookmark to load the page.
 - Touch and hold a bookmark for options:
 - **Open in new tab**: Open the page in a new tab.
 - **Delete**: Delete the page.
 - **Edit**: Change the bookmark title and folder.
 - **Share via**: Send the URL to others.
 - **Add shortcut to home**: Add a shortcut to this page on your Home screen.
 - **Set as homepage**: Set this page as default home page.

- Touch  **Menu** for options.
 - **Create folder:** Create a folder to stored pages.
 - **Change order:** Change the order pages are listed.
 - **Move to folder:** Move a bookmark to a folder.

Saved Pages

Save a web page to your device for viewing offline.

Save the current web page:

- Touch  **Menu** → **Save page**.

View saved pages:

- Touch  **Bookmarks** → **Saved pages** tab to display your saved pages.
 - Touch a saved page to load the page.
 - Touch and hold a saved page for options:
 - **Open in new tab:** Open the stored page in a new tab.
 - **Delete:** Delete the stored page.
 - **Share via:** Send the stored page to others.
- Touch  **Menu** for options:
 - **Delete:** Delete the stored page.
 - **Sort by:** Sort saved pages by *Date* or *Read/Unread*.

History

View your browsing history.

- Touch  **Bookmarks** → **History** tab to display your browsing history.
 - Touch a page to load it.
 - Touch and hold a page for options:
 - **Open in new tab:** Open the page in a new tab.
 - **Delete:** Delete the page.
 - **Copy:** Copy the page's URL to the clipboard.
 - **Share via:** Send the URL to others.
 - **Add bookmark:** Add a bookmark for this page.
 - **Set as homepage:** Set this page as default home page.
- Touch  **Menu** for options:
 - **Clear history:** Delete your browser history.

Maps

Find your current location, get directions and traffic reports, discover local businesses and attractions, and much more. Visit google.com/maps/about/explore/mobile to learn more.

Important! Google Maps requires an active data network or Wi-Fi connection. Some features require that one or more location services be enabled. See “*Date and Time*” on page 122.

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

Mobile Hotspot

Access the Mobile Hotspot feature.

- From a Home screen, touch  **Apps** →  **Verizon** folder →  **Mobile Hotspot**.

For more information, refer to “*Mobile Hotspot*” on page 91.

Music

The Music Player is an application that can play music files. 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).

1. From a Home screen, touch  **Apps** →  **Music**.
2. Music Player scans for songs stored in phone memory, or on an installed memory card and displays your songs on the **Songs**, **Playlists**, **Albums**, **Artists**, and

Folders tabs.

3. Touch a music file to begin playback. During playback, use the sound and playlist controls:

 **AllShare**: Select a device to use for sharing music files.

 **Volume**: Touch to activate onscreen volume control, and then touch and drag on the scale to set volume, or press the Volume Key on the side of the phone to adjust playback volume.

Touch  to view the SoundAlive equalizer.



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



Repeat All: Touch to play all songs, an album, or playlist.



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



Repeat 1: Touch to repeat the current song, album, or playlist in a loop.



List: Touch to switch to a list of all songs.



Playlist: Touch to display the current playlist.



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



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



Touch to pause playback.



Touch to resume playback.



Favorites: Touch to add this song to your Favorites list.

Creating a Playlist

1. From a Home screen, touch  **Apps** →  **Music** → **Playlists**.
2. Touch  → **Create playlist**. Enter a name for the playlist. Touch **OK**.
3. Touch  next to a song to add it to the playlist, or touch **Add all**. Touch **Done**.

Adding a Song to a Playlist

1. From a Home screen, touch  **Apps** →  **Music**.
2. Touch and hold a song, and then drag it on to a playlist.
— or —

While playing a song, touch  **Menu** → **Add to playlist**. Touch a playlist to add the selected song to it, or touch **Create playlist** to create a new playlist and add the selected song to it.

Adding Multiple Songs to a Playlist

1. From a Home screen, touch  **Apps** →  **Music** → **Playlists**.
2. Touch  → [name of playlist].
3. Touch  next to a song to add it to the playlist, or touch **Add all**.
4. Touch **Done**.

My Files

Find, view and manage files stored on your device or an installed memory card. Touch a file to open it in an associated application, if available.

- From a Home screen, touch  **Tools** folder →  **My Files**.

Note: Different folders may display depending on how your tablet is configured.

My Verizon Mobile

View details and manage your Verizon Wireless account.

Note: No airtime or minute charges apply when accessing My Verizon Mobile.

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

NYTimes

Read the latest web edition of *The New York Times* newspaper.

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

Play Books

With Google Play Books, you can find more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore.

Visit play.google.com/store/books to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch  **Apps** →  **Google** folder →  **Play Books**.

Play Games

Discover hundreds of games for download and purchase through the Google Play Store.

Visit play.google.com/store/apps/category/GAME to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch  **Apps** →  **Google** folder →  **Play Games**.

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you're not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/about/movies to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch  **Apps** →  **Google** folder →  **Play Movies & TV**.

Play Music

With Google Play Music, you can play music you've downloaded, and music you copied from your computer. You'll need to be have a Google account to download content.

Visit play.google.com/about/music to learn more.

Note: This app requires a Google Account for some features.

- From a Home screen, touch  **Apps** →  **Google** folder →  **Play Music**.

Play Newsstand

Subscribe to your favorite magazines, and have them available to read on your device at any time, in any place. Visit play.google.com/store/newsstand to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch  **Apps** →  **Google** folder →  **Play Newsstand**.

Play Store

All your favorite apps, movies and tv shows, music, books, magazines, and games are available in Google Play Store. Visit play.google.com/store to learn more.

Note: This app requires a Google Account.

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

POLARIS Office 5

Polaris Office 5 is a Microsoft Office-compatible office suite for managing your documents online or offline. It can also open Adobe PDF (Portable Document Format) files.

Visit polarisoffice.com to learn more.

- From a Home screen, touch  **Apps** →  **POLARIS Office 5**.

S Note

Use this application to create notes with productivity tools that turn handwriting into typed text and correct drawn shapes, lines, and formulas to make them perfect.

1. From a Home screen, touch  **Apps** →  **S Note**.
2. Touch **Start** and follow the onscreen instructions.

S Voice

Use voice commands to perform common operations on your tablet, and to speak criteria for searches and other operations. Just speak naturally, and S Voice understands what you're looking for. Use S Voice to find everything from directions to trivia answers to the current weather forecast.

1. From a Home screen, touch  **Samsung** →  **S Voice**.
 **Apps** →
2. Say "Hi Galaxy", or touch  to wake up S Voice; then speak a command or question.
Touch  for a list of commands; then touch a command to see examples.
3. Touch  **Menu** → **Settings** for options.

Tip: You can launch S Voice from most unlocked screens by pressing the  **Home Key** twice. Touch  **Menu** → **Settings** → **Open via the home key**.

Examples:

- Touch  and say "Find me the best Pizza". This launches an Internet search.
- Touch  and say "Navigate to Cambridge". This launches the Map application and indicates where this is in relation to your current position.

Note: You can set S Voice to be always listening:

- With S Voice running, touch  **Menu** → **Settings**.
 - Under **Wake up**, touch **Wake up command** to enable this feature.
-

Scrapbook

Combine documents, images, and music into a digital scrapbook.

- From a Home screen, touch  **Apps** →  **Samsung** →  **Scrapbook**.

Settings

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

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

— Or —

From a Home screen, touch  **Menu** and then touch

Settings.

For more information, refer to “Settings” on page 96.

Setup Wizard

Use the Setup Wizard to quickly configure your tablet.

- From a Home screen, touch  **Apps** →  **Verizon** folder →  **Setup Wizard**.

SketchBook for Galaxy

SketchBook for Galaxy is a professional-grade paint and drawing application optimized for use with S Pen.

Visit sketchbook.com/galaxy to learn more.

- From a Home screen, touch  **Apps** →  **SketchBook for Galaxy**.

Story Album

Organize your photos and create albums based on specific events. Apply themes and arrange your photos in various layouts. You can then print the photos into albums through an online service and hold the memories in your hand.

- From a Home screen, touch  **Apps** →  **Story Album**.

Verizon Messages

Use Verizon Messages to send and receive messages on your tablet using your mobile phone number.

- From a Home screen, touch  **Apps** →  **Verizon** folder →  **Verizon Messages**.

Video

The Video player application plays video files stored locally.

Using Video

The Video application plays video files stored on the SD card. This device is able to playback DivX videos.

1. From a Home screen, touch  **Apps** →  **Video**.
A list of available videos displays in the Video list.
2. Touch a video file to begin viewing.

Sharing Videos

1. From a Home screen, touch  **Apps** →  **Video**.
After a few seconds, each onscreen video begins to cycle through a preview of the first five seconds.
2. Touch  **Menu** and then touch **Share via**.
3. Select either individual videos or touch **Select all**.
4. Touch  **Menu** and then touch **Done** to complete the process or **Cancel** to quit.
5. Select a sharing option. Choose from Bluetooth, Cloud, Drive, Email, Gmail, Google+, Picasa, S Note, Scrapbook, Verizon Messages, Wi-Fi Direct, or YouTube.

Additional Video Features

1. From a Home screen, touch  **Apps** →  **Video**.
2. Touch  **Menu** and then touch an available option:
 - **Scan for nearby device**: Share video with nearby device.
 - **Share via**: allows you to share a selected video with external sources.
 - **Delete**: allows you to delete selected videos.
 - **Edit**: allows you to edit a selected video file.
 - **Auto play next**: allows you to play videos consecutively. Once a video ends, the next available video begins to play.

Using Picture-In-Picture

This feature can be used during playback of supported video types using either the Gallery, Play Videos, or Video player.

Note:Some applications might not allow this video to remain active in the foreground (ex: Camera/Camcorder screen).

This feature allows you to continue to view your video as a background operation while you multi-task and do other things, such as surf the Internet, access your Contacts list, look for a picture, and so on.

1. From a Home screen, touch  **Apps**.
2. Touch the desired video playback application.
3. Touch the desired video to begin playback.

Note:The Picture-In-Picture feature only works when using the Video player application. Other video players (ex: YouTube), do not support this feature.

4. As playback is initiated, locate and touch



Picture-in-Picture from the bottom-right of the playback screen. Your current video is then sent to foreground of any new page and most application screens.

5. The video disappears from the screen once it ends.

Video Editor

Use this application to edit your videos.

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

Voice Search

Use voice commands to search the web with Google.

- From a Home screen, touch  **Apps** →  **Google** folder →  **Voice Search**.

VZ Navigator

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

Note: VZ Navigator requires service activation. Contact Verizon Wireless or your cellular provider for more information.

To access the VZ Navigator feature:

- From a Home screen, touch  **Apps** →  **Verizon** folder →  **VZ Navigator**.

WatchON

Use the Samsung WatchON application to use your tablet as a remote control for your TV, set top box, DVR, Blu-Ray/DVD, stereo or other device.

Set Up WatchON

1. From a Home screen, touch  **Apps** →  **WatchON**.
2. Follow the prompts to configure WatchON options, such country/region, TV service provider, channel list setup, etc.

Note: Touch  **Menu** → **Help** to learn more about WatchON.

Configure Your Device as a Remote

1. From the toolbar, touch  **Remote Control**.
2. Touch **Set up now** at the prompt.
3. Follow the instructions to find your TV or other devices and configure your tablet to control their operation.

World Clock

This feature allows you to find out what time it is another part of world.

1. From a Home screen, touch  **Apps** →  **World clock.**
2. Touch  **Add city** then scroll and select the desired city, or touch in the search field to locate a city.

To assign DST settings:

1. Locate a desired city from the World clock list.
2. Touch and hold a city and select **DST settings**.
3. Select a DST setting (Automatic, Off, or 1 hour).

YouTube

YouTube is a video sharing website on which users can upload and share videos.

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

Section 6: Connections

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks.

Wi-Fi communication requires access to an existing Wi-Fi network. Wi-Fi networks can be Open (unsecured), or Secured (requiring you to provide login credentials).

Your device supports the 802.11 a/b/g/n/ac (2.4 GHz and 5.0 GHz) Wi-Fi protocols.

Turn Wi-Fi On or Off

When Wi-Fi is turned on, your tablet will notify you of available Wi-Fi networks, and you can connect to the Wi-Fi networks.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Wi-Fi**.
3. Touch **OFF/ON** to turn Wi-Fi on or off.

Tip: You can also quickly turn Wi-Fi on or off using Quick

Settings. From a Home screen, sweep your finger downward to display the Notification Panel. Touch the

Wi-Fi button to turn Wi-Fi on (green) or off (gray).

Scan and Connect to a Wi-Fi Network

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

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Wi-Fi**. Touch **OFF/ON** to turn Wi-Fi on.
3. When your device completes a scan, touch a Wi-Fi network to connect. If the Wi-Fi network is open, you will be automatically connected. If the Wi-Fi network is secured, enter the password at the prompt to connect.

Add a Wi-Fi Network Manually

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Wi-Fi**. Touch **OFF/ON** to turn Wi-Fi on.
3. On the pop-up Wi-Fi settings screen, touch **Add Wi-Fi Network** (below the scanned networks), then enter these fields:
 - **Network Name (SSID)**: Enter the name of the Wi-Fi network.
 - **Security**: Select the type of security used by the Wi-Fi network.
 - **Password**: If the network is secured, enter the password.Touch **Show password** to display it.
- **Show advanced options**: Select the Proxy settings and IP settings for the network.
4. Touch **Connect** to save the settings and connect to the network.

Wi-Fi Status Indicators

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



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



Displays when there is a Wi-Fi access point available but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP).



Displays when connected to another device using Wi-Fi Direct. For more information, refer to “Wi-Fi Direct” on page 86

Advanced Settings

Set up and manage wireless access points.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Wi-Fi**. Touch **OFF/ON** to turn Wi-Fi on.
3. Touch  **Menu** for options:

- **Advanced:**
 - **Wi-Fi notifications:** Send a notification when an open network is available.
 - **Passpoint:** Connect to passpoint-enabled Wi-Fi Access Points automatically.
 - **Sort by:** Sort available Wi-Fi networks alphabetical or by signal strength.
 - **Keep Wi-Fi on during sleep:** Specify when to switch from Wi-Fi to mobile data for data communications when the tablet goes to sleep (when the backlight goes out).
 - **Always allow scanning:** Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
 - **Auto network switch:** Automatically switch between available networks.
 - **Install certificates:** Install certificates from a memory card.
 - **MAC address:** View your device's MAC address (not configurable).
 - **IP address:** View your device's IP address (not configurable).

- **Manage networks:** Edit or remove saved networks.
- **WPS push button:** Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
- **WPN PIN entry:** View the PIN used by your tablet to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).
- **Help:** Learn about setting up and using Wi-Fi networks.

Wi-Fi Direct

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

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

Turn Wi-Fi Direct On

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Wi-Fi**. Touch **OFF/ON** to turn Wi-Fi on. (Wi-Fi must be enabled to use Wi-Fi Direct.)
3. Touch **Wi-Fi Direct** to turn Wi-Fi Direct on.

Turn Wi-Fi Direct Off

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Wi-Fi**.
3. Touch **Wi-Fi Direct** to view connections.
4. Touch **End connection** to turn Wi-Fi Direct off and terminate all Wi-Fi Direct connections

Note: Turning Wi-Fi off also turns off Wi-Fi Direct and terminates all Wi-Fi Direct connections

Connect to Wi-Fi Direct Devices

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Wi-Fi**. Touch **OFF/ON** to turn Wi-Fi on. (Wi-Fi must be enabled to use Wi-Fi Direct.)
3. Enable Wi-Fi Direct on the target device. Consult the target device's documentation for more information.
4. On your tablet, touch **Wi-Fi Direct** to scan for the other device.
5. In the scanned list, touch the target device to connect with it, or touch **Multi-connect** to connect to multiple devices (not all devices support multi-connect).
6. Follow the prompts on both devices to complete the connection.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Your device can use Bluetooth to share photos, contacts and other content with other Bluetooth devices. Many of the apps on your device provide options for sharing via Bluetooth under  **Menu**.

Turn Bluetooth On or Off

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Bluetooth**.
3. Touch **OFF/ON** to turn Bluetooth on or off.

Tip: You can also quickly turn Bluetooth on or off using Quick

Settings. From a Home screen, slide your finger downward to display the Notification Panel. Touch the **Bluetooth** button to turn Bluetooth on (green) or off (gray).

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.

Pair with a Bluetooth Device

Pairing initiates a connection between your tablet and the target device, usually by using a passcode or PIN. After pairing, your tablet and the target device recognize each other and exchange information without having to enter a passcode or PIN.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Bluetooth**. Touch **OFF/ON** to turn Bluetooth on.
3. Make sure that the target device is discoverable, so that your tablet can find it. Refer to the target device's documentation for more information.
4. Touch **Scan**. Your tablet will start to scan for Bluetooth devices within range.

5. From the list of scanned devices, touch the target

device and follow the prompts to complete the pairing:

- If the target device requires a PIN, enter a PIN for the target device and touch **OK**. When prompted, enter the PIN on the target device.
- If the device allows automatic or smart pairing, your device will attempt to pair with the device automatically. Follow the prompts on your tablet and the target device to complete the pairing.

Note: The pairing and connection status is displayed below the target device in the Bluetooth devices section.

Bluetooth Status Indicator

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

- ✖ Displays when Bluetooth is active.

Reconnect to a Bluetooth Device

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Bluetooth**. Touch **OFF/ON** to turn Bluetooth on.
3. Make sure that the target device is discoverable.
4. Touch the target device's name in the Bluetooth devices section.
5. If prompted to enter a passcode, try 0000 or 1234, or consult the target device's documentation.

Disconnect or Unpair from a Bluetooth Device

Disconnect from a Bluetooth Device

You can disconnect your tablet from a Bluetooth device, such as a headset. Disconnecting does not unpair the Bluetooth device—the next time you connect, your tablet and the target device will recognize each other and exchange information without having to enter a passcode or PIN.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Bluetooth**. Touch **OFF/ON** to turn Bluetooth on.
3. Tap the connected device, and then touch **OK** to disconnect.

Unpair from a Bluetooth Device

You can make your tablet 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. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Bluetooth**. Touch **OFF/ON** to turn Bluetooth on.
3. In the Bluetooth devices section, tap  next to the device, and then tap **Unpair**.

Bluetooth Settings

When Bluetooth is on, additional settings are available.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Bluetooth**. Touch **OFF/ON** to turn Bluetooth on.
3. Tap your tablet's name to enable or disable visibility to other Bluetooth devices. When your tablet is visible, other devices can find your tablet during a scan. Your tablet remains visible for the period of time set in the Visibility timeout setting.
4. Touch  beside a paired device for options:
 - **Rename**: Enter a new name for the paired device.
 - **Unpair**: Delete the Bluetooth connection to this device. To connect to the other device again, you may need to enter or confirm a passcode again.
5. Touch  **Menu** for options:
 - **Visibility timeout**: Set the length of time your tablet is visible to other devices when you turn on visibility.
 - **Received files**: View files transferred to your tablet via Bluetooth.
 - **Help**: Learn about Bluetooth, and other settings.

Mobile Hotspot

Use your tablet as an Access Point (AP), connecting up to ten devices via a Wi-Fi network to the Internet.

Enable Mobile Hotspot

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **Mobile Hotspot**.
3. Touch **Mobile Hotspot**. Touch **OFF/ON** to enable Mobile Hotspot.
4. Touch  to control which devices may connect to your Hotspot:
 - **All devices**: Allow all devices to connect.
 - **Allowed devices only**: Limit connections to only those devices in your Allowed devices list.

Connect a Device

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **Mobile Hotspot**.
3. Touch **Mobile Hotspot**. Touch **OFF/ON** to enable Mobile Hotspot.
4. If the target device is not in your Allowed devices list, tap  > **All devices**.
5. On the target device, activate Wi-Fi and scan for Wi-Fi hotspots. Select the name of your tablet and enter your Hotspot password (if required).

Note: Follow the target device's instructions for activating Wi-Fi and connecting to your tablet.

Allowed Devices

You can limit connections to your Mobile Hotspot to only those devices in your Allowed Devices list.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **Mobile Hotspot**.
3. Touch **Portable Wi-Fi hotspot**. Touch **OFF/ON** to enable Mobile Hotspot.
4. Touch **Allowed devices** to view the Allowed Devices list.
5. To add a new device to the Allowed devices list:
 - Touch  **Add device**.
 - Enter the device's name and MAC address.
6. To remove a device from the Allowed devices list:
 - Touch  **Delete**.
 - Touch each device you want to delete, or tap **Select all**.
 - Touch **Delete**.

Note: Using your tablet as a portable hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your tablet's applications will use the Mobile Hotspot data service. Roaming while using your tablet as a mobile hotspot will incur extra data charges.

Mobile Hotspot Settings

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **Mobile Hotspot**.
3. Touch **Mobile Hotspot**.
4. Touch **Configure** for options:
 - **Network SSID:** Enter a name for your tablet. This name will be displayed in the other device's Wi-Fi networks listing.
 - **Hide my device:** Do not display your tablet's name in the other device's Wi-Fi networks listing.
 - **Security:** Set the network connection to Open (no security) or WPA2 PSK (requires a password).
 - **Password:** Enter a security password. Touch **Show password** to display it.
 - **Show advanced options:**
 - **Broadcast channel:** Select 2.4 GHz or 5 GHz as the broadcast channel. If 2.4 GHz is selected, tap **Auto** to select a different channel.
5. Touch  **Menu** for additional options:
 - **Timeout settings:** Set the amount of time your device will be available as a Mobile Hotspot.
 - **Help:** View help on using Mobile Hotspot.

Tethering

Use feature lets you share your tablet's mobile data connection via USB or Bluetooth.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **Tethering** for options:
 - **Mobile Broadband Connect**: Share your mobile data connection via USB.
 - Connect your tablet to your PC using a USB cable and touch **USB tethering** to activate the feature. Follow the onscreen instructions to use USB tethering.
 - **Bluetooth tethering**: Share your mobile data connection via Bluetooth.
 - Activate Bluetooth and make sure your device is visible, then touch **Bluetooth tethering** to activate the feature. For more information, refer to “*Bluetooth*” on page 88

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

VPN

Set up and manage Virtual Private Networks (VPN).

Note: VPN settings include storage of login credentials on your tablet. You must configure a screen unlock pattern, PIN or password before setting up a VPN. See “*Lock Screen*” on page 110.

Configure a Basic VPN

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **VPN** → **Basic VPN**.
3. Touch  **Add** to add a new VPN:
 - **Name**: Enter the name of the VPN.
 - **Type**: Choose the type of VPN: PPTP, L2TP/IPSec PSK, L2TP/IPSec RSA, IPSec Xauth PSK, IPSec Xauth RSA, or IPSec Hybrid RSA.
 - **Server address**: Enter the VPN server address.
 - **PPP Encryption (MPPE)**: Touch to enable, if applicable.
 - **Show advanced options**: Touch to set other options, depending on the type of VPN.
4. Tap **Save** to save the VPN.

Nearby Devices

Share files with nearby devices using the DLNA (Digital Living Network Alliance) standard via Wi-Fi.

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

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

Turn File Sharing On or Off

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **Nearby devices**.
3. Touch **OFF/ON** next to Nearby devices to turn file sharing on or off.

Configure File Sharing

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **Nearby devices**.
3. Touch **OFF/ON** next to Nearby devices to turn file sharing on or off.
4. Touch **Nearby device** to display file sharing settings.
5. Under *Advanced*, touch each option to control how content is shared from your device:
 - **Shared contents:** Choose the type of content to share.
 - **Allowed devices list:** View and manage devices allowed to connect to your device.
 - **Not-allowed devices list:** View and manage devices restricted from connecting to your device.
 - **Download to:** Choose a location to save downloaded content (Device or SD card).
 - **Upload from other devices:** Choose how to handle incoming files from other devices (Always accept, Always ask, or Always reject).

Screen Mirroring

Use the Screen Mirroring feature to share media files on your tablet with an HDMI device, such as an HDMI TV.

Note: This feature requires an optional AllShare Cast dongle accessory (not included).

1. Connect the AllShare Cast dongle to the HDMI device using an HDMI A-to-A cable.
2. From a Home screen, touch  **Apps** →  **Settings**.
3. Touch  **More settings** → **Screen Mirroring**.
4. Touch **OFF/ON** to enable Screen Mirroring.
5. Your tablet will scan for available devices.
6. Touch a device, and follow the onscreen instructions.

Note: Press  **Menu** → **Help** for more information.

Connect to a Computer

Connect your device to a computer to transfer data between your device and the computer. Use the USB cable that comes with your device, or use one of the pre-loaded apps on your device to connect wirelessly.

Transfer Data

Connect your device to a computer, via USB cable, to transfer data as a Media device using MTP (Media Transfer Protocol), or as a Camera using PTP (Photo Transfer Protocol).

1. Attach your device to the computer with a USB data cable. Your device recognizes the connection as the last connection method you used, and displays a connection alert in the Status bar and Notifications.
2. From a Home screen, sweep your finger downward to display Notifications, then touch the alert.
3. Select a connection method:
 - **Media device (MTP)**: Transfer media files with Windows, or using Android file transfer on a Mac (visit android.com/filetransfer).
 - **Camera (PTP)**: Transfer photos using camera software, and transfer files to computers that do not support MTP.
4. On your computer, choose a method for accessing your device. Available options depend on the programs installed on your computer.
5. Transfer files to the memory card. When finished, you can disconnect the USB cable.

Section 7: Settings

This section explains Settings for customizing your device.

Accessing Settings

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

— Or —

From any screen, touch the top of the screen and swipe downward, to display the Notification Panel, and then touch  **Settings**. For more information, refer to “*Notifications*” on page 22.

Airplane Mode

Enabling Airplane mode turns off calling, messaging, and data network features. It also turns off other connectivity features, such as Wi-Fi and Bluetooth.

While in airplane mode, you can use other features of your tablet, such as playing music, watching videos, or other applications.

To use Wi-Fi and Bluetooth when Airplane mode is enabled, turn them on in Settings, or on the Notifications panel.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch **OFF/ON** next to  Airplane mode to enable or disable the option.
3. Touch  **Airplane mode** to view the current status.

Note: You can also set Airplane mode from the *Device options* menu. Press and hold the **Power/Lock key**, then touch **Airplane mode**.

Wi-Fi Settings

Wi-Fi is a wireless networking technology that provides access to local area networks.

For more information about using your tablet's Wi-Fi features, see “*Wi-Fi*” on page 84.

Wi-Fi Direct

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

For more information about using your tablet's Wi-Fi Direct features, see “*Wi-Fi Direct*” on page 86.

Bluetooth

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

For more information about using Bluetooth to exchange information with other Bluetooth devices, see “*Bluetooth*” on page 88.

Data Usage

Monitor data usage, and control your tablet's connection to mobile data service.

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

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Data usage**.
3. Touch **Mobile data** to enable or disable your tablet's connection to mobile data service.
 - When disabled, you will not be able to use the Internet, sync email, or use any app that requires a data connection unless you are connected to a Wi-Fi network.
4. Touch **Limit mobile data usage** to disable the mobile data connection when the specified limit is reached.
5. Touch **Alert me about data usage** to receive notifications about data usage limits.

View Mobile Data Usage

1. Touch the **Data usage cycle** drop-down menu and select a time period.

A chart displays the total mobile data usage during that time period, followed by a breakdown of data usage by each application.

2. Set data usage limits:

- Touch and drag the **red limit bar** to set the maximum data limit. When data usage reaches this limit, mobile data will be disabled.

Warning! When disabled, you will not be able to use the Internet, sync email, or use any app that requires a data connection unless you are connected to a Wi-Fi network.

- Touch and drag the **orange warning bar** to set a warning level. You will be notified when data usage reaches this level.
- Touch and drag the **two white bars** to adjust the time period.
- Touch an application to view its data usage. Touch **Restrict background data** to force the application to sync background data only when connected to a Wi-Fi network.

3. Touch  **Menu** for options:

- **Data roaming:** Allow your tablet to use mobile data when roaming. Additional charges may apply. See your service plan for details.
- **Restrict background data:** Prevent the tablet from connecting to the mobile data network in the background for synchronization or other services.
- **Auto sync data:** Synchronize with accounts automatically, at any time.
- **Show Wi-Fi usage:** Display data usage while connected to Wi-Fi.
- **Mobile hotspots:** Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.
- **Show units:** Display units as MG/GB (auto change), MB only, or GB only.

More Settings

Access additional options for configuring connections between your tablet and other devices.

Mobile Networks

Set options for network selection and data service.

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

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **More settings** → **Mobile networks** for options:
 - **Mobile data:** Enable or disable your device's connection to the mobile data network.
 - **Global Data Roaming Access:** Enable or disable connection to data services when your device is roaming on another network.
 - **Roaming:** Indicates if you are currently in roaming mode.
 - **Signal strength:** Indicates your current signal strength.
 - **Access Point Names:** Choose a preferred APN.

Mobile Hotspot

Use your tablet as an Access Point (AP), connecting up to ten devices via a Wi-Fi network to the Internet.

For more information about using Mobile Hotspot, see “*Mobile Hotspot*” on page 91.

Tethering

Share your tablet's mobile data connection via USB and Bluetooth.

For more information about tethering, see “*Tethering*” on page 93.

VPN

Set up and manage Virtual Private Networks (VPNs).

For more information about connecting to VPNs on your tablet, see “*VPN*” on page 93.

Nearby Devices

Share files with nearby devices using the DLNA (Digital Living Network Alliance) standard via Wi-Fi.

For more information about sharing files with nearby devices, see “*Nearby Devices*” on page 94.

Screen Mirroring

Use the Screen Mirroring feature to share media files on your tablet with an HDMI device, such as an HDMI TV.

For more information on using Screen Mirroring, see “*Screen Mirroring*” on page 95.

Blocking Mode

When Blocking mode is enabled, notifications for selected features are blocked, and you only receive the notifications you choose. You can choose to block notifications by feature or contact, and choose blocking all the time, or during a specific time period.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch **ON/OFF** next to  Blocking mode to enable or disable the setting.
3. Touch  **Blocking mode** for options:
 - **Turn off notifications:** Notifications for new messages will not be displayed.
 - **Turn off alarm:** Notifications for alarms will not be displayed.
4. Set a time period for **Blocking mode**:
 - **Always:** Block notifications at all times.
 - To set a specific time period to block notifications each day, disable the *Always* option, and then set a starting time (**From** field) and ending time (**To** field).

Sound Settings

Configure settings for your tablet's audio.

Volume

Set the system volume level, and set default volume for notifications and media playback.

Note: You can also set System volume from a Home screen by pressing the **Volume Key**.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound** → **Volume**.
3. Touch and drag the sliders for:
 - **Music, video, games, and other media:** Set the default volume level for audio playback. You can also adjust volume from this default inside the apps.
 - **Notifications:** Set the volume for notifications, such as new messages and event reminders.
 - **System:** Set the volume for all other system sounds, such as keytones played for screen touches. You can control whether tones play for screen touches with other sound settings.

Vibration Intensity

Vibration Intensity: Set the level for vibration to accompany notifications and Haptic feedback

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound** → **Vibration intensity**.
3. Touch and drag the sliders for:
 - **Notifications:** Set the vibration intensity level for notifications.
 - **Haptic feedback:** Set the vibration intensity level for haptic feedback.

Default Notification Sound

Choose a default sound to play for notifications, such as for new messages and event reminders.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound** → **Default notification sound**.
3. Touch a sound to select it. As you touch a sound, a sample plays.

Touch Sounds

Play tones when you make selections on the screen.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound**.
3. Touch **Touch sounds** to turn the option on.

Screen Lock Sound

Play tones when you touch the screen to lock or unlock it.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound**.
3. Touch **Screen lock sound** to turn the option on.

Haptic Feedback

Vibrate when softkeys are pressed and on certain UI interactions.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound**.
3. Touch **Haptic feedback** to turn the option on.

Pen Attach/Detach Sound

Set the sound that is made when the pen is attached or detached from your tablet.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound**.
3. Touch **Pen attach/detach sound** and select a sound.

Key-Tap Sound

Play tones when you touch keys on the Samsung keyboard.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound**.
3. Touch **Key-tap sound** to turn the option on.

Key-Tap Vibration

Vibrate when you touch keys on the Samsung keyboard.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound**.
3. Touch **Key-tap vibration** to turn the option on.

Audio Output

Set the HDMI (High-Definition Multimedia Interface) audio setting.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound**.
3. Touch **Audio output** and select *Stereo* or *Surround*.

Adapt Sound

Find the best sound for you during calls and media playback.

Note: This setting uses earphones to ensure the best sound during setup. You must connect optional earphones (not included) to the tablet to configure this setting.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Sound** → **Adapt Sound**.
3. Read the information about Adapt Sound and connect optional earphones (not included).
4. Touch **Start**, and then follow the prompts.

Display Settings

Configure settings for your tablet's display.

Wallpaper

Customize the background of the Home and Lock screens.

For more information, refer to “*Wallpaper*” on page 24.

Notification Panel

Configure options for the Notification panel, available when you swipe your finger down from Status bar at the top of the screen.

For more information, refer to “*Navigation*” on page 15.

Multi Window

Configure options for the Multi window feature.

For more information, refer to “*Multi Window*” on page 25.

Screen Mode

Optimize the display for the content being viewed.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Screen mode** for options:
 - **Adapt display**: Touch the check box to enable or disable automatic optimization of the screen to match the type of image being displayed and other criteria, such as battery level.
 - When **Adapt display** is disabled, select a specific screen mode to match the content being displayed:
 - **Dynamic**: Make the display tone more vivid.
 - **Standard**: Use this mode for normal surroundings.
 - **Movie**: Use this mode for dim surroundings, such as in a dark room.

Reading Mode

Optimize the screen for reading from selected applications.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Screen mode**.
3. Touch **OFF/ON** to enable Reading mode.
4. Touch  **Edit** for additional options.

Brightness

Adjust the screen brightness to suit your surroundings, or to your personal preference.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Brightness**.
3. Touch **Automatic brightness** to allow the tablet to adjust the brightness based on your surroundings.
 - or —

To set a custom brightness level, clear the *Automatic brightness* checkmark and then slide the **Brightness level** bar to set your preferred brightness level.

Screen Timeout

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Screen timeout** to choose a time period.

Daydream

The Daydream setting controls what the screen displays when the tablet is docked, or while charging. You can choose to display a Colors screen, or display photos stored on your tablet.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Daydream**.
3. Touch **ON/OFF** to turn the feature on.
4. Configure options:
 - **Colors**: Display screen full of colors.
 - **Flipboard**: Display pictures from Flipboard. Touch  to choose pictures to display.
 - **Photo Frame**: Display pictures in a photo frame. Touch  to choose pictures to display.
 - **Photo Table**: Display pictures in a photo table. Touch  to choose pictures to display.
5. Touch **Start now** to preview Daydream mode. Touch the screen to cancel.

Smart Screen

Your table's display has special features which enhance or optimize viewing.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Smart screen** for options:
 - **Smart stay**: Keep the screen on as long as you are looking at it.
 - **Smart rotation**: Rotate the screen according to the orientation of your face.
 - **Smart pause**: Pause video when you are facing away from the screen.
 - **Smart scroll**: Scroll up or down by tilting your head or device while looking at the screen. Touch **OFF/ON** to enable the feature, and then touch **Smart scroll** for options.

Font Style

Select the font style for standard display text.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Font style** to choose a font.

Tip: To find new fonts, touch **Get fonts online** to access new fonts in the Google Play Store app.

Font Size

Select the font size for standard display text.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Font size** to choose a size.

Touch Key Light Duration

Set the length of time the  **Menu Key** and  **Back Key** remain lit after you touch them.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Touch key light duration** to choose a time period.

Show Battery Percentage

The battery charge level displays as an icon on the Status bar by default. This option displays the battery icon plus the percentage of remaining battery charge.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Show battery percentage** to turn the option on.

Edit After Screen Capture

Automatically open screen captures for editing.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Display** → **Edit after screen capture** to turn the option on.

Storage

Manage the use of memory resources in your tablet's memory and on an optional memory card (not included).

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Storage** to view information about memory usage and options:
 - **Device memory:** View memory usage for the different types of information stored on your tablet's memory. Touch an item for more information.
 - **SD card:** View total space and available space on an optional memory card (not included).

Memory Card

Your device supports optional microSD or microSDHC memory cards of up to 64GB capacity (not included), for storage of music, pictures, and other files.

Install a Memory Card

For information on installing a memory card, see “*Installing a Memory Card*” on page 7.

Remove a Memory Card

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

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Storage**.
3. Touch **Unmount SD card**, and then touch **OK**.
4. Open the memory card slot cover and turn to expose the slot.
5. Gently press **in** on the memory card to release it, and then carefully pull the card out.
6. Replace the memory card slot cover.

Format a Memory Card

Use the Format SD card setting to remove all data from an installed memory card.

Important! Data cannot be recovered after formatting.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Storage** → **Format SD card**, then follow the prompts to delete all data from the card.

Power Saving Mode

Configure Power saving mode to conserve battery power.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Power saving mode**.
3. Touch **ON/OFF** to enable the feature.
4. Configure options:
 - **CPU power saving**: Limit the maximum performance of the CPU (Central Processing Unit). This does not affect normal usage, such as browsing and video playback.
 - **Screen power saving**: Use low power level for the screen.
 - **Turn off haptic feedback**: Turn off haptic feedback to extend battery life.

Note: Touch **Learn about power saving mode** for more information.

Battery

View what is using battery power.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Battery** to view battery usage for apps and services.
3. Touch an item for more information, or to configure options for managing power use.

Application Manager

You can download and install applications from the Google Play Store or Samsung Apps, or create applications using the Android SDK and install them on your tablet. Use Application manager to manage applications on your tablet.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Application manager**.
3. Touch **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** to view the status of applications and services. Touch an app or service for more information and for app options, such as stopping or uninstalling.

Location Services

These settings allow you to configure how the tablet determines its location.

Note: Some apps may require one or more location services be turned on for full functionality.

GPS signals may be affected by your surroundings, including:

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

To configure location services:

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Location services**.
3. Touch **OFF/ON** next to **Access to my location** to allow apps to use your location information.
 - **GPS & Verizon location services:** Let apps use GPS & Verizon location services.
 - **Google Wi-Fi & mobile network location:** Let apps use Google's location services to estimate your location faster.
 - When enabled, you are allowing Google's location service to collect anonymous location data. Some data may be stored on your tablet, and collection may occur even when no apps are running.
 - **My places:** Save your favorite locations for use with services that require location information.
 - Touch **Home**, **Office**, or **Car**, and follow the prompts to configure options for identifying the location.
 - Touch  to set up a different location.

Lock Screen

Choose settings to unlock your tablet.

For more information about using the lock and unlock features, see “*Securing Your Device*” on page 10.

Screen Lock

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Lock screen** → **Screen lock** and select a screen lock. Then configure the displayed options for that screen lock.

Swipe

Unlock your tablet by swiping your finger across the screen. This is the default screen lock, and offers no security.

- **Multiple widgets:** Display multiple widgets on your Lock screen.
- **Clock widget options:** Configure the clock widget.
- **Shortcuts:** Add app shortcuts to the lock screen.
- **Personal message:** Customize a personal message on the lock screen.
- **Owner information:** Show user information on the lock screen.
- **Unlock effect:** Show a ripple effect or light effect on the lock screen when you slide your finger over the screen.
- **Ink effect:** Select the ink effect color for the Unlock effect.
- **Wake up in lock screen:** Wake up the screen by speaking a command.
- **Set wake-up command:** Set a command to wake up the screen.
- **Action Memo on lock screen:** Double-tap the lock screen while pressing the S Pen button to open an Action Memo.
- **Help text:** Show help information on the Lock screen.

Signature Unlock

Unlock your tablet by writing you signature with the S Pen. This screen lock offers low security.

- **Clock widget options:** Configure the clock widget.
- **Personal message:** Customize a personal message on the lock screen.
- **Owner information:** Show user information on the lock screen.
- **Make signature visible:** Display your signature as you write it.
- **Accuracy level:** Set the accuracy level of the signature required to unlock the screen.
- **Lock automatically:** Automatically lock the tablet when the screen has turned off after a selected amount of time.
- **Lock instantly with power key:** Instantly lock the screen whenever the Power/Lock key is pressed.
- **Action Memo on lock screen:** Double-tap the lock screen while pressing the S Pen button to open an Action Memo.

Pattern

Draw a pattern on the screen to unlock your tablet. This screen lock offers medium security.

- **Clock widget options:** Configure the clock widget.
- **Personal message:** Customize a personal message on the lock screen.
- **Owner information:** Show user information on the lock screen.
- **Make pattern visible:** Display the security pattern.
- **Unlock effect:** Show a ripple effect or light effect on the lock screen when you slide your finger over the screen.
- **Lock automatically:** Automatically lock the tablet when the screen has turned off after a selected amount of time.
- **Lock instantly with power key:** Instantly lock your tablet by pressing the Power/Lock key.
- **Action Memo on lock screen:** Double-tap the lock screen while pressing the S Pen button to open an Action Memo.

PIN

Enter a numeric PIN (Personal Identification Number) to unlock your tablet. This screen lock offers medium to high security.

- **Clock widget options:** Configure the clock widget.
- **Personal message:** Customize a personal message on the lock screen.
- **Owner information:** Show user information on the lock screen.
- **Lock automatically:** Automatically lock the tablet when the screen has turned off after a selected amount of time.
- **Lock instantly with power key:** Instantly lock your tablet by pressing the Power/Lock key.
- **Action Memo on lock screen:** Double-tap the lock screen while pressing the S Pen button to open an Action Memo.

Password

Enter an alphanumeric password to unlock your tablet. This screen lock offers high security.

- **Clock widget options:** Configure the clock widget.
- **Personal message:** Customize a personal message on the lock screen.
- **Owner information:** Show user information on the lock screen.
- **Lock automatically:** Automatically lock the tablet when the screen has turned off after a selected amount of time.
- **Lock instantly with power key:** Instantly lock your tablet by pressing the Power/Lock key.
- **Auto factory reset:** If the password is entered incorrectly 10 times, reset the device to factory settings and delete all data and files.
- **Action Memo on lock screen:** Double-tap the lock screen while pressing the S Pen button to open an Action Memo.

None

Disable all screen lock settings.

Security Settings

Configure options for securing information on your tablet.

Encryption

You can encrypt accounts, settings, downloaded apps and their data, media, and other files. After encryption, you must enter the PIN or password you set each time you turn on your tablet. You can also encrypt information stored on an optional installed memory card (not included).

Encryption may take an hour or more to complete. Start with a charged battery, and keep the tablet on the charger until encryption is complete. Interrupting the encryption process may result in the loss of some or all data.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Security**, and then touch an option:
 - **Encrypt device:** Touch **Set screen lock type** to start, and then follow the prompts to encrypt information.
 - **Encrypt external SD card:** Touch **Set screen lock type** to start, and then follow the prompts to encrypt information.

SIM Card Lock

Set up and manage your SIM card lock.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Security** → **Set up SIM card lock** for options.

Device Administration

Some applications, such as Corporate email, may require you allow access to your tablet by device administrators in certain circumstances, such as if your tablet is lost or stolen.

Some features a device administrator might control include:

- 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.

Device Administrators

View, add or remove device administrators.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Security** → **Device administrators**, and then touch the agent(s) to use.

Unknown Sources

Allow applications from sources other than the Google Play Store to be installed on the tablet.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Security** → **Unknown sources** to turn the option on.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Verify Apps

Block or display a warning before installing apps that might cause harm to the tablet.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Security** → **Verify apps** to turn the option on.

Change Security Level

Allows you to change the current security level so that threats that meet the selected criteria are blocked.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Security** → **Change security level** and select an available option:
 - **High:** Block all unauthenticated actions.
 - **Normal:** Block only explicit threats.

Security Update Service

To set security update service settings:

1. From a Home screen, touch  **Apps** →  **Settings** →  **Security**.
2. Touch **Security policy updates** for these options:
 - **Automatic updates:** Automatically check for changes to the security policy and download any updates to improve security.
 - **Preferred networks:** Set whether to use Wi-Fi or mobile networks or Wi-Fi networks only.
 - **Check for updates:** Check for updates manually.
3. Touch **Send security reports** to send security reports to Samsung via Wi-Fi for threat analysis.

Credential Storage

You can install credentials from an optional installed memory card (not included), and use the Credential storage settings to allow applications to access the security certificates and other credentials.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Security** → **Storage type** to back up your tablet to hardware.
3. Touch **Trusted credentials** to view installed certificates.
4. Touch **Install from device storage** and choose a certificate and follow the prompts to install.
5. Touch **Clear credentials** and follow the prompts to clear stored credentials and reset the password.

Language and Input

Use Language and input settings to choose a default language for your tablet's operations, plus settings for text entry and other inputs.

Default Language and Personal Dictionary

Choose the default language for operating your tablet.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Language and input**.
3. Touch **Language** to select a default language.

Default Input Method

Select default input method you will use when accessing the keyboard.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Language and input** → **Default** to select Samsung keyboard.

Samsung Keyboard

The Samsung Keyboard is an onscreen QWERTY keyboard, so you can enter text by “typing” on the keyboard. Samsung keyboard is enabled by default.

For more information, see “*Using Samsung Keyboard*” on page 33.

1. From a Home screen, touch  **Apps** →  **Settings**.
 2. Touch  **Language and input**.
 3. **Samsung keyboard** is enabled by default. Touch  to configure options:
 - Touch **Select input languages** to set the keyboard languages.
 - **Predictive text**: Touch **ON/OFF** to enable predictive text. Predictive text suggests words matching your text entries, and optionally, complete common words automatically. Touch **Predictive text** to configure options:
 - **Live word update**: Automatically update with popular new words every day.
 - **Personalized data**: When enabled, predictive text uses personal language data you have entered to make better predictions. Samsung keyboard can collect all the text you enter, including personal data and credit card numbers, in order to give better prediction results.
- **Learn from Facebook**: Log into Facebook to allow your tablet to learn from your Facebook postings.
 - **Learn from Gmail**: Log into Gmail to allow your tablet to learn from your Gmail email.
 - **Learn from Twitter**: Log into Twitter to allow your tablet to learn from your Twitter postings.
 - **Learn from Contacts**: Allow your tablet to learn from your Contacts entries.
 - **Clear remote data**: Delete your information stored on the personalization server.
 - **Clear personal data**: Remove all personalized data you have entered.
 - **Privacy Policy**: Read the privacy policy.
 - **Auto replacement**: Complete or replace the word you are typing with the most probable word when you touch the space bar or a punctuation mark.
 - **Auto capitalization**: Automatically capitalize the first letter of sentences.
 - **Auto spacing**: Automatically insert spaces between words.
 - **Auto punctuate**: Automatically insert a full stop by tapping the space bar twice.

Keyboard swipe

- **None:** Disable keyboard swiping.
- **SwiftKey flow:** Enter text by sliding your finger across the keys on the keyboard.
- **Cursor control:** Slide your finger across the keyboard to move the cursor to begin entering text.

Key-tap feedback

- **Sound:** Play sounds when a key is touched.
- **Vibration:** Vibrate when a key is touched.
- **Character preview:** Display the character in a bubble when you touch it on the keyboard.

More settings

- **Pen detection:** Change to Handwriting recognition mode when the S Pen is detected.
- **Help:** Learn about Samsung Keyboard.
- **Reset setting:** Return settings to the defaults.

Google Voice Typing Settings

Google voice typing allows you to speak your entries. When you enable Google voice typing, it's available for use when you touch a field to enter text.

For more information, see “*Using Google Voice Typing*” on page 34.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Language and input**.
3. Touch the **Google voice typing** check box to enable it.
4. Touch  beside **Google voice typing** for options:

- **Choose input languages:** Select languages for Google voice typing. Select **Automatic** to use the Default language exclusively, or choose other language(s).
- **Block offensive words:** Hide words many people find offensive are in results of Google voice searches. Offensive words are replaced in results with a placeholder (#####).
- **Offline speech recognition:** Download and install speech recognition engines, to allow you to use voice input while not connected to the network, such as during Airplane mode.

Voice Search Settings

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Language and input** → **Voice search** for options:
 - **Language:** Choose a language for voice searching.
 - **Speech output:** Set whether search results use speech output Always, Informative only, or Hands-free mode only.
 - **Block offensive words:** Hide words many people find offensive from the results of Google voice searches. Offensive words are replaced in results with a placeholder (#####).
 - **Hotword detection:** Launch a voice search by saying the word “Google.”
 - **Offline speech recognition:** Install a language module for offline speech recognition.
 - **Personalized recognition:** Allow your tablet to improve recognition based on your speech. (This option is only available when you are signed in to a Google Account.)
 - **Google Account dashboard:** View and manage your collected data. (This option is only available when you are signed in to a Google Account.)
 - **Bluetooth headset:** Record audio through an optional Bluetooth headset (not included).

Text-To-Speech Options

Text-to-speech (TTS) provides audible readout of text, such as the contents of text messages.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Language and input** → **Text-to-speech options** for options:
 - **Preferred TTS engine**
 - Select **Samsung text-to-speech engine** as your default TTS engine. Touch  to configure.
 - **General**
 - **Speech rate:** Choose a speed at which the text is spoken.
 - **Listen to an example:** Play a sample of speech synthesis.

Mouse/Trackpad

This option sets the pointer speed for an externally connected mouse or trackpad (not included).

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Language and input** → **Pointer speed**.
3. Touch and drag along the scale to set the pointer speed.

Backup and Reset

Back up application data, Wi-Fi passwords, and other settings to Google servers.

Backup Your Data

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Backup and reset** → **Back up my data** to enable automatic back up of your data to a Google Account.
3. Touch **Backup account** to set up a Google Account for backups. You can create a new Google Account, or sign in to an existing account.
4. Touch **Automatic restore** to restore an app's settings and other information from the backup (if available) when you reinstall that app.

Factory Data Reset

Reset all settings to the factory defaults, and permanently delete all data from the tablet.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch **Backup and reset** → **Factory data reset** → **Reset device**.
3. Follow the prompts to perform the reset.

Reset Settings

To reset system settings back to their default values:

1. From a Home screen, touch  **Apps** →  **Settings** → **Backup and reset**.
2. Touch **Reset settings**.

Add Account

Add an account to your tablet to share information between your tablet and the account.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Add account** and select an account type.
Follow the prompts to enter your credentials and set up the account on your device.

For more information about managing applications, see “Accounts” on page 35.

Motions and Gestures

Configure various motion and gestures features.

Motion

Control your tablet with natural hand movements, such as putting the tablet to your ear to call a displayed contact.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Motions and gestures** → **Motion**, then touch **ON/OFF** to enable each feature:
 - **Zoom**: Tilt the tablet to zoom in or out when viewing pictures in Gallery.
 - **Browse an image**: Move the tablet in a side-to-side motion to pan from side to side while viewing an image.

Palm Motion

Control the tablet by touching the screen with the palm of your hand.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Motions and gestures** → **Palm motion**, then touch **ON/OFF** to enable each feature:
 - **Capture screen**: Capture the screen by swiping it from right to left or vice-versa with the side of your hand.
 - **Mute/pause**: Mute incoming calls and pause playback by covering the screen with your hand.

Voice Control

Use voice commands to control functions of your tablet.

Note: If you set the alert type for notifications to vibrate, voice command is not available.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Voice control**.
3. Touch **OFF/ON** to enable the feature.
4. Touch each option to enable it:
 - **Alarm**: Stop or snooze alarms with the voice commands “Stop” and “Snooze.”
 - **Camera**: Take pictures with the voice commands “Smile”, “Cheese”, “Capture”, and “Shoot.”
 - **Music**: Control the Music app with the voice commands “Next”, “Previous”, “Pause”, “Play”, “Volume Up”, and “Volume Down.”

Accessory

Configure your tablet's behavior when it is connected to an optional dock (not included).

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Accessory** for options:

Dock

- **Dock sound:** Play a sound when you insert and remove the tablet from the dock.
- **Audio output mode:** Play audio through the dock speakers when the tablet is docked.
- **Daydream:** Set the table to daydream when docked. Touch **OFF/ON** to enable the feature, and then touch **Daydream** for options. See “Daydream” on page 105.

HDMI

- **Audio output:** Flip the S View cover open to unlock the screen when the secure lock is disabled and the tablet is docked.

Book cover

- **Daynote:** Show a quick note pad with the date, time weather, your schedule, and drawings when you open the book cover.
- **Unit:** Set the degree unit to Celsius or Fahrenheit.

Date and Time

By default, your tablet receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date and time settings.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Date and time**.
3. Touch a setting to configure:

- **Automatic date and time:** When enabled, the tablet takes date and time updates from the wireless network.
- **Set date:** Enter the current date (only available when Automatic date and time is disabled).
- **Set time:** Enter the current time (only available when the Automatic setting is disabled).
- **Automatic time zone:** When enabled, the tablet takes the time zone from the wireless network.
- **Select time zone:** Choose your local time zone (only available when the Automatic setting is disabled).
- **Use 24-hour format:** Set the format for time displays.
- **Select date format:** Set the format for date displays.

Accessibility

Your tablet offers features to make using the tablet easier for those with certain physical disabilities. Use the Accessibility settings to configure these features.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Accessibility** for options:

- **Auto rotate screen:** Enable automatic rotation of the screen when you rotate the tablet.
- **Screen timeout:** Set a period of time for the screen to remain lit-after which it will dim and lock.
- **Lock automatically:** Lock the screen in 5 seconds after screen automatically turns off. (This option appears only when a screen lock is enabled.)
- **Speak passwords:** Read aloud password information.
- **Easy touch mode:** Touch to stop/snooze alarms and calendar event alerts.
- **Show shortcut:** Display a shortcut to Accessibility settings on the Device options menu. (The Device options menu displays when you press and hold the **Power/Lock key**.)
- **Manage accessibility:** Choose settings for exporting, updating, and sharing the accessibility settings as a file.

Services

- **TalkBack:** Activate the TalkBack feature and configure options.

Vision

- **Font size:** Change the size of the fonts used on the screen.
- **Magnification gestures:** Control whether your tablet recognizes gestures to pan, and zoom in or out.
- **Negative colors:** Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Color adjustment:** Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color. Touch **ON/OFF** to turn color adjustment on, then touch **Color** adjustment for options.
- **Accessibility shortcut:** Control whether your tablet recognizes a gesture to quickly enable accessibility features. To use the gesture, press and hold the **Power/Lock key** until you hear a sound or feel a vibration, then touch and hold two fingers on the screen until you hear an audio confirmation.
- **Text-to-speech options:** Configure options for converting text to speech. See “*Text-To-Speech Options*” on page 118.

Hearing

- **Sound balance:** Control the signal sent to the left and right when using earphones.
- **Mono audio:** Enable stereo audio to be compressed into a single mono audio stream for use with a single earphones.
- **Turn off all sounds:** Mute every sound made by the tablet during touches, selections, notifications, etc.
- **Flash notification:** Set the camera flash to blink when notifications occur.

Mobility

- **Assistant menu:** Display a special menu to improve tablet accessibility for users with reduced dexterity. Touch **ON/OFF**, then touch **Assistant menu** for options.
 - **Dominant hand:** Display the Assistant menu on the left or right side of the screen.
 - **Edit:** Reorder or remove items on the Assistant menu.
- **Press and hold delay:** Select a time interval for using the *Touch and hold* gesture.

Recognition

- **Interaction control:** Adjust how your tablet interprets motions and screen touches. You can turn motions and screen timeout on or off. You can also block areas of the screen from touch interaction, turn Auto rotate and hard key functions (Power/Lock key, Volume Key, etc.) off, and display app notifications only on the Notification panel and Status bar. Touch **ON/OFF**, and then touch **Interactive control** for options.

About Device

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

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **About device**.
3. Touch a setting to view details:
 - **Software update**: Check availability and install updates.
 - **Icon glossary**: View a list of your tablet's notification and status icons.
 - **Status**: View information about your tablet's current status.
 - **Legal information**: Display open source licenses, Google legal information, and Samsung legal information.

- **Device name**: View your tablet's name. Touch to change the tablet's name.
- **Model number**: View your tablet's model number.
- **Android version**: View the firmware version of your tablet.
- **Baseband version**: View the baseband version of your tablet.
- **Kernel version**: View the kernel version of your tablet.
- **Build number**: View the build number of your tablet.
- **SE for Android status**: View the status of SE for Android.
- **Hardware version**: View the hardware version of your tablet.

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