

Samsung GALAXY Note[®] Edge

S M A R T P H O N E

User Manual

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

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The online version of the End User Licensing Agreement for your device can be found:

Online at: <http://www.samsung.com/us/Legal/SamsungLegal-EULA3>.

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Getting Started

Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

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Front View

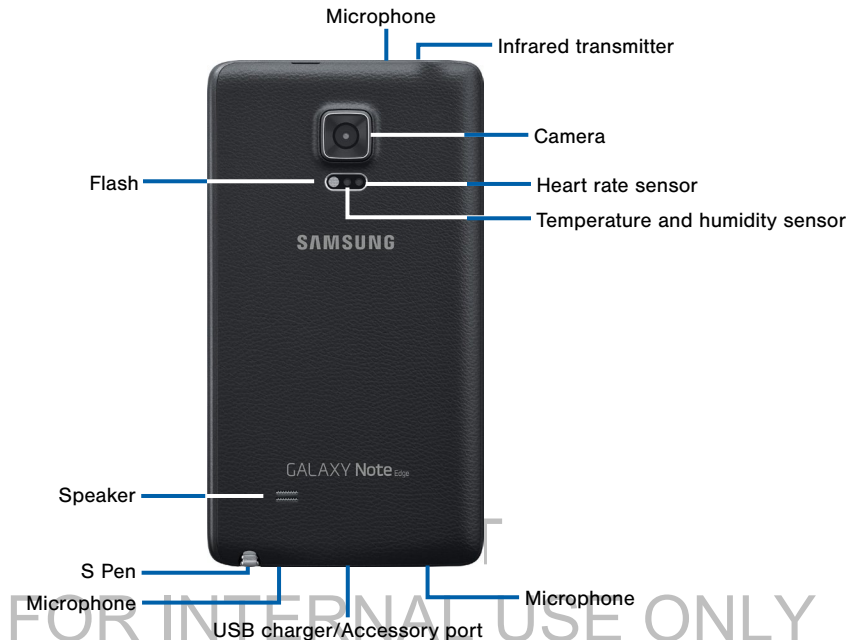


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- **Back key:** Tap to return to the previous screen, or to close a dialog box, menu, or keyboard.
- **Earpiece:** Listen to a call.
- **Edge screen:** Provides quick access to frequently used apps, alerts, notifications, and device functionality all with the swipe of a thumb.
- **Front camera:** Take self-portraits and record videos of yourself.
- **Headset jack:** Connect an optional headset (not included).
- **Home key:** Tap to return to the Home screen.
- **Proximity and gesture sensors:** Detects the presence of objects near the device.
- **Recent apps:** Tap to display recent apps, or touch and hold for home screen options.
- **Power/Lock key:** Press and hold to turn the device on or off. Press to lock or wake up the screen. Press and hold to turn the device off or restart it, or for quick access to Airplane Mode, Emergency Mode, and to Mute, Vibrate, and Sound modes.
- **Status Light:** Displays red when charging or the battery is low, blue when a notification has arrived or you are voice recording, and green when fully charged.
- **Volume:** Press to adjust the volume of your device's sounds and audio.

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Back View



- **Back camera:** Take pictures and record videos.
- **Flash:** Illuminate subjects in low-light environments when taking a photo or recording video.
- **Heart Rate Sensor:** When using the S Health app, this sensor measures your heart rate via your fingertip.
- **Infrared transmitter:** Controls external devices using infrared light.
- **Microphone:** Records audio and detects voice commands.
- **S Pen:** Holder for the S Pen stylus.
- **Speaker:** Plays music, and other sounds.
- **Temperature and humidity sensor:** Monitors both temperature and humidity conditions. This is used to calculate calories burned within S Health.
- **USB charger/Accessory port:** Connect the Charger/USB cable (included), and other optional accessories (not included).

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Assemble Your Device

Prior to use, it is necessary to install the SIM card, optional memory card (not included), and the battery.

Remove the Back Cover



1. Remove the back cover using the slot on the top of your phone.
2. Lift the cover up off of the phone.

Warning: Do not bend or twist the back cover excessively. Doing so may damage the cover.

Install the SIM Card

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

Warning: The plug-in 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.

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- Carefully slide the SIM card into the SIM card slot.

Make sure that the card's gold contacts face into the device and that the angled corner of the card is positioned as shown.

Caution: If the card is not inserted correctly, the device will not detect the SIM card. Re-orient the card and place it back into the slot if the SIM is not detected.

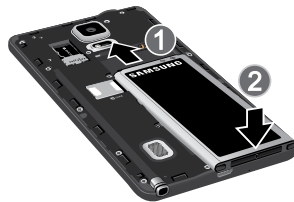
Install a Memory Card

You can install an optional microSD or microSDHC memory card (not included) to expand available memory space.

Note: A memory card can be installed at any time; it is not necessary to install it prior to using the device.

For more information on installing a memory card, see [Install a Memory Card](#).

Install the Battery



1. Insert the battery into the opening on the back of the phone, making sure the connectors align.
2. Gently press down to secure the battery.

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Replace the Back Cover



1. Place the battery cover onto the back of the phone and press down.
2. Press along the edge of the back cover until you have a secure seal.

Charge the Battery

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

The battery comes partially charged. A fully discharged battery requires up to four hours of charge time. You can use the device while charging.

Caution: Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

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1. Insert the USB cable into the port.
2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.



3. When charging is complete, unplug the charging head from the outlet and remove the USB cable from the device.

Caution: Failure to unplug the wall charger before you remove the battery, can cause damage to the device.

When to Charge the Battery

When the battery is weak and only a few minutes of operation remain, the battery icon () blinks and the device sounds a warning tone at regular intervals.

In this condition, your device conserves its remaining battery power by dimming the screen.

When the battery level becomes too low, the device automatically turns off.

- For a quick check of your battery level, view the battery charge indicator located in the Status Bar of your device's display. A solid color () indicates a full charge.

You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see [Battery](#).

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Set Up Your Device

Turn Your Device On and Off

Turning the Device On

- ▶ Press and hold the **Power/Lock** key until the device vibrates and starts up.

Turning the Device Off

1. Press and hold the **Power/Lock** key until the device vibrates and the Device options menu displays.
2. Tap **Power off**.

Setup Wizard

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

Follow the prompts to choose a default language, connect to a Wi-Fi network, set up accounts, choose location services, learn about your device's features, and more.

Secure Your Device

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

Lock the Device

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

- ▶ To lock the device, press the **Power/Lock** key.

Unlock the Device

The default Screen lock on your device is Swipe.

- ▶ To unlock your device, press the **Power/Lock** key or **Home** key, and then touch and drag your finger across the screen.

Set Up a Secure Screen Lock

The default Screen lock is Swipe, which offers no security. To choose a more secure screen lock, see [Lock Screen](#).

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Set Up Accounts on Your Device

Google Account

Your new device uses your Google Account to fully utilize its Android features, including Gmail, Google Hangouts, and the Google Play Store.

When you turn on your device for the first time, set up your existing Google Account, or create a new Google Account.

– or –

To create a new Google Account or set up your Google Account on your device at any time, use Accounts settings. For more information, see [Accounts](#).

► From a Home screen, tap  **Apps** >  **Settings** > **Accounts** > **Add account** > **Google**.

Samsung Account

Create a Samsung account, for access to Samsung content and apps on your device.

When you turn on your device for the first time, set up your existing Samsung account, or create a new Samsung account.

– or –

To create a new Samsung account or set up your Samsung account on your device at any time, use Accounts settings. For more information, see [Accounts](#).

► From a Home screen, tap  **Apps** >  **Settings** > **Accounts** > **Add account** > **Samsung account**.

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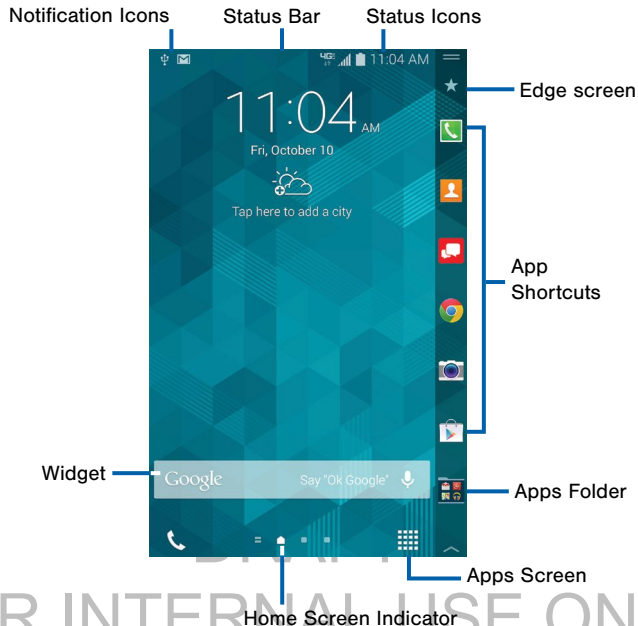
Know Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.

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.

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Home Screen



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

Customize your Home screen by adding application shortcuts, widgets, folders, and using wallpapers.

Manage Home Screens

Your device comes with multiple Home screens to hold apps and widgets. You can rearrange the Home screens in a different order.

1. From a Home screen, pinch the screen.

– or –

Touch and hold an empty space on the screen.

2. Use these options to manage screens:

- **Add a screen:** Scroll to the end of the screens, and then tap  **Add**.
- **Remove a screen:** Touch and hold on a screen, and then drag it to the  **Remove**.
- **Set a screen as the main Home screen:** Tap  **Main Home screen** at the top of a screen. This screen displays when you press the Home Key.
- **Change the order of screens:** Touch and hold on a screen, and then drag to a new position.
- Touch **Home screen settings** for options:
 - **Transition effect:** Change the visual effect used when you move between Home screens.
 - **Flipboard Briefing:** Display all Flipboard briefing updates on the Home screen.

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App Shortcuts

You can use app shortcuts to launch an app from any Home screen.

Add a Shortcut to a Home Screen

1. From a Home screen, tap  **Apps**.
2. Touch and hold an app shortcut, drag it to a Home screen and release it.

Remove a Shortcut

1. Touch and hold a shortcut to release it.
2. Drag the icon to  **Remove** and release it.

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

Widgets

Widgets are self-contained apps that run on a Home screen. There are all kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

Add a Widget to the Home Screen

1. Touch and hold an empty space on the screen, and then tap **Widgets**.
2. Touch and hold a widget, drag it to a Home screen and release it.

Remove a Widget

1. From a Home screen, touch and hold a widget to release it.
2. Drag the widget to  **Remove** and release it.

Note: Removing a widget does not delete the widget, it just removes the widget from the Home screen.

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Folders

Place folders on the Home screen to organize items.

Adding Folders

1. From a Home screen, touch and hold an app shortcut.
2. Drag the shortcut onto  **Create folder** and release.
 - Enter a folder name.
 - Tap  **Add** to place additional apps in the folder.
 - Tap **Done** on the keyboard.

A folder will be created with the shortcut(s) inside.

Using Folders

- Tap 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 onto the folder and release.

- To delete a folder, touch and hold the folder until it detaches, and then drag it to  **Remove** and release.

Change the Wallpaper

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture, or choose from preloaded wallpapers.

1. From a Home screen, pinch the screen.
 - or –Touch and hold an empty space on the screen.
2. Tap **Wallpapers**, and then choose **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Tap a wallpaper to see a sample, and then tap **Set as wallpaper**.

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Edge Screen

The Edge screen provides a variety of useful tools, shortcuts, and widgets. Panels for the Edge screen can be added, removed, and customized to your preferences.

Basic Gestures

The Edge screen responds to basic gestures as follows:

- Swipe right or left to switch between panels.
- Swipe down to view the Quick tools.
- Swipe up to access settings (only when the screen is unlocked).

Customize App Shortcuts

You can choose the apps you want to display in the Edge Screen.

- ▶ Tap ★ **Favorite Apps** to display the apps tray on the main screen to edit your Edge Screen.
 - To remove an app from the Edge Screen, tap and drag it off of the tray.
 - To add an app to the Edge Screen, tap and drag it to the tray.
 - To relocate an app, tap and drag it to a new location.
- Tap **Done** when you are finished.

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Quick Tools

You can quickly use preset tools on your Edge Screen without disrupting your activity on the main screen.

1. Swipe down from the top of the Edge screen.
2. The following tools are provided:
 -  **Ruler** Use your Edge screen as a ruler. Tap **cm** to change from centimeters to inches.
 -  **Stopwatch:** Count down with the Edge screen. Tap **Start** to begin the countdown. Tap **Stop** to end the time, or **Lap** to keep the record and immediately start a new record.
 -  **Timer:** Use your Edge screen as a timer. Tap the **plus** and **minus** signs to determine the length of time. Tap **Start** to begin the timer.
 -  **Flashlight:** Use your front-facing camera as a flashlight. Tap **on** to use the flashlight. Tap **off** when you are done.
 -  **Voice recorder:** Use your Edge screen as a voice recorder. Use the Record, Cancel, Stop, and Pause options to edit your recording. Recordings are saved to the Audio file.

3. Swipe up from the bottom of the screen to close the quick tools.

Edge Screen Settings

Configure the Edge screen panels to provide convenient functions that are the most useful to you.

► From a Home screen, tap  **Apps** >

 **Settings** > **Device** > **Edge screen**.

– or –

Swipe upward on the Edge screen and then tap  **Settings**.

For more information see [Edge Screen Settings](#).

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Status Bar

The Status Bar at the top of the Home screen provides device information (such as network status, battery charge, and time) on the right side and notification alerts on the left.

Status Icons



Battery is fully charged.



Battery is low.



Battery is charging.



Vibrate mode is enabled.

Status Icons



Mute mode is enabled.



The device is connected to a 4G LTE wireless network.



Signal strength.



Wi-Fi is active.



No wireless network is available.



NFC (Near-Field Communication) is enabled.

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Notification Icons



Missed call.



Call in progress.



Call is on hold.



Call is using speakerphone



New email has arrived



New Gmail has arrived.



New voicemail message has been received.



New text or multimedia message has arrived.



Download of a file or app is in progress.



File is being uploaded or sent.

Notification Icons



Location service (GPS) is active.



App updates are available from the Google Play Store.



App updates are complete.



Keyboard is in use.



Connected to a computer using a USB cable.

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Navigation, Motions, and Gestures

Touchscreen Navigation

Tap

Lightly tap items to select or launch them.

- Tap the on screen keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app icon to launch the application.

Touch and Hold

Activate onscreen items by a touch and hold gesture.

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

Swipe or Slide

To swipe, lightly drag your finger vertically or horizontally across the screen.

- Swipe to unlock the screen.
- Swipe to scroll through the Home screen or a menu.

Drag

To drag, touch and hold on an item, and then move it to a new location.

- Drag to add a shortcut to the Home screen.
- Drag to move a widget on the Home screen.

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Pinch and Spread

Pinch the screen using your thumb and forefinger, or spread by moving your fingers apart.

- Pinch to zoom in or out while viewing a picture or a web page.
- Spread to zoom in or out while taking a picture.

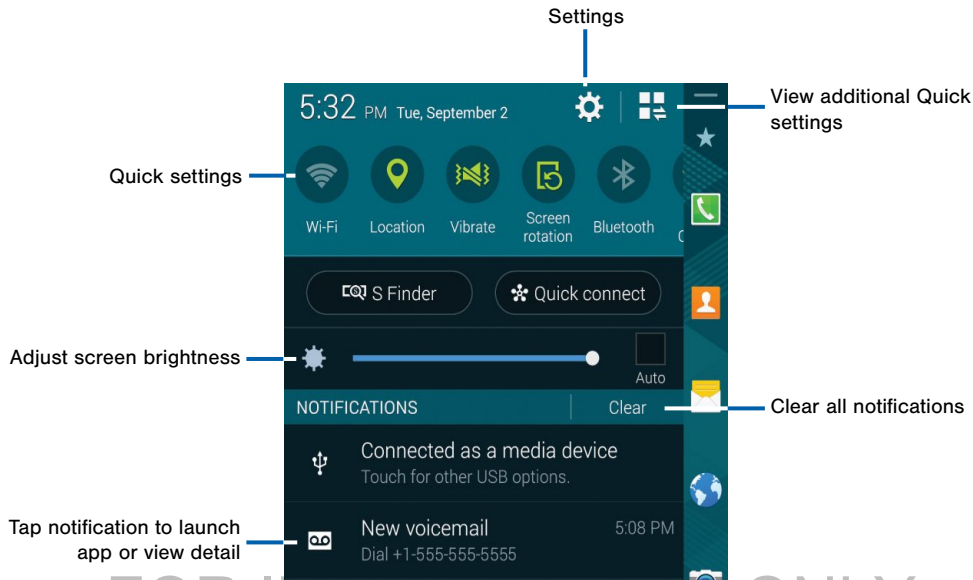
Motions and Gestures

Control your device by making specific gestures with your hand above the device's screen.

For details, see [Motions and Gestures](#).

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Notification Panel



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Notification icons display on the Status Bar displaying calendar events, device status, and more. For details about these notifications, open the Notification Panel.

View the Notification Panel

1. Swipe down on the Status Bar to display the Notification Panel.
2. Scroll down the list to see notification details.
 - Tap an item to open it.
 - To clear a single notification, drag the notification left or right. Tap **CLEAR** to clear all notifications.
3. To close the Notification Panel, swipe upward from the bottom of the screen or press the  **Back** key.

Quick Settings

In addition to notifications, the Notification Panel also provides quick access to device functions such as Wi-Fi, allowing you to quickly turn them on or off.

► To view additional Quick settings, tap  **View all**.

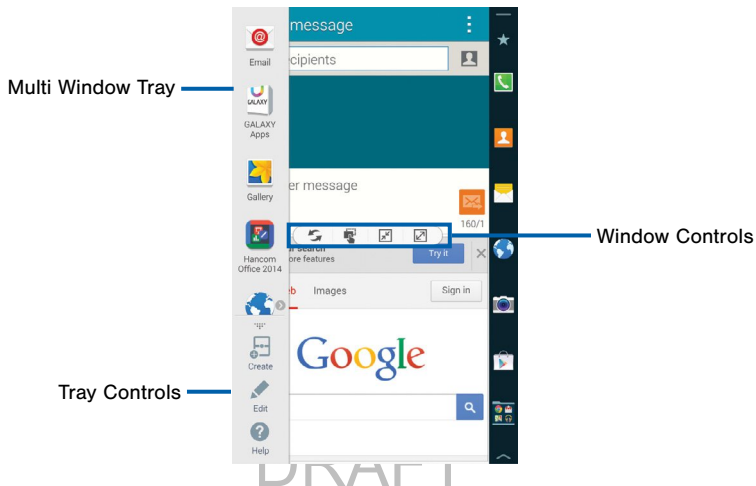
Notification Panel Settings

To customize the Notification Panel, see [Notification Panel](#).

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Multi Window



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Multitask by using multiple applications at the same time.

Activate Multi Window

1. From a Home screen, tap  **Apps** >  **Settings** > **Multi window**.
2. Tap **ON/OFF** to activate.
 - Tap **Open in multi window view** to automatically view content in Multi window when you open files from My Files or Video player, or attachments from email.

Tip: You can also activate Multi window from the Notification Tray.

Using Multi Window

After enabling Multi window, you can use it to run multiple apps at the same time.

Note: Multi window is not available for all apps.

The apps display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other.

1. Touch and hold the  **Back** key to display the Multi window tray. After a few seconds, the panel will be hidden again.
2. Touch and hold an app from the Multi widow tray and drag it to the main window. Drag another app into the window to create a split view. A blue rectangle shows where the apps will snap into place.

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Window Controls

Select an application window and tap  **Border** in the middle of the window border.



Switch windows: Switch the positions of two Multi window applications.



Move content: Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.



Collapse window: Collapse the selected window.



Expand: Open the selected window in full screen view.



Close application: Close the selected app.

Customize Multi Window

You can customize Multi window to suit your preferences.

Create a Window Group

If you use certain apps together in Multi window often, you can create a window group to quickly display the two apps in Multi window.

The window group will be stored in the Multi window tray, so you can choose it any time to display the two apps.

1. Tap the Multi window tab to display the tray, and then drag apps to the windows.
2. Scroll to the bottom of the Multi window tray, and then tap  **Tray Controls** >  **Create**.

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Change the Order of Apps in the Multi Window Tray

1. Tap the Multi window tab to display the tray.
2. Tap and hold an app, drag it to a new position in the tray and then drop it.

Choose Apps to Display in the Multi Window Tray

You can choose the apps you want to display in the Multi window tray.

1. Tap the Multi window tab to display the tray.
2. Tap  **Tray Controls** >  **Edit** for options:
 - To remove an app from the tray, tap and drag it off of the tray and place it in the storage area.
 - To add an app to the tray, tap and drag it from the storage area to the tray.
 - To relocate an app, tap and drag it to a new location.

Multi Window Settings

To customize Multi window, see [Multi Window Settings](#).

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S Pen

The S Pen is a stylus that assists you in performing different functions. Switch between touch and pen input by using the S Pen button.



Remove S Pen

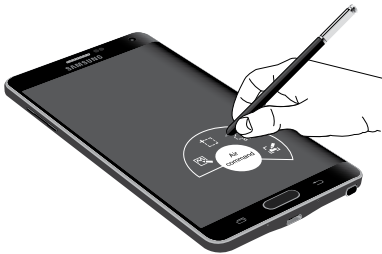
The S Pen stores inside your device for convenient access.

- Slide the S Pen from your device using the notch on the end of the S Pen.

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Air Command

Air command allows you to quickly activate frequently used applications or perform actions.



- To launch the Air command menu, remove the S Pen from the S Pen slot, hold the S Pen near the screen so that the pointer appears, and press the **S Pen** button once.



Action memo: Launch a memo and link it to actions. Action memos are saved in the S Note app.



Smart select: Capture screenshots and write or draw on them.



Image Clip: Outline and crop images on the screen, in any shape, to share or paste.



Screen Write: Capture screenshots and write or draw on them.

Action Memo

An Action memo is a special type of note that turns your written text into actions on your device. To open an Action memo:

- Launch the **Air command** menu and select  **Action memo**.

– or –

Press and hold the S Pen button and double-tap the screen with the pen.

Note: Action memos are saved in the  **S Note** app.

See [Action Memos](#) for more information.

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Smart Select

Smart select is a capture tool to select content on a screen. To launch the Smart select tool:

- ▶ Launch the **Air command** menu and select  **Smart select**.

To capture an item on the screen, simply draw around the item. The captured item appears on the screen and can be saved to the Scrapbook or shared. The following options are available:

- Tap the  **Collect** icon to collect the content. It will appear in minimized form on the screen until you save or delete the capture.
- Tap the  **Scrapbook** icon to save the content in the Scrapbook. See [Scrapbook](#) for more information.

- Tap the  **Share via** icon to share the captured content with your contacts.

When you tap the  **Collect** icon, the captured content is stored on top of the Home screen as a thumbnail. The following options are available:

- Tap the  **Collect more** icon to take another Smart Select capture.
- If more than one capture has been taken, tap the  **Expand** arrow to view all of the capture thumbnails.

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- Tap a thumbnail to view the capture and see the options available. You can save the captured content to the Scrapbook, share the capture, or delete it.
- To delete captured content, tap the thumbnail to view it. Touch and hold the capture to be deleted, select all item(s) to delete, and then tap the  **Delete** icon.

Image Clip

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

To use Image Clip:

1. Launch the **Air command** menu and select  **Image Clip**.
2. Use the S Pen to draw around the content you wish to capture.
3. The selected clip is centered on the screen. To refine your selection, use the Transform buttons. You can choose your hand drawn shape, regular shapes, or a magnetic auto shape.
4. Once you decide on a shape, select one of the following options:
 - Tap  **Scrapbook** to save the content in the Scrapbook. See Scrapbook for more information.
 - Tap  **Share via** to share the captured content with your contacts.

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Screen Write

Screen Write allows you to capture a screen shot and then write notes on the screen shot. To use Screen Write:

1. Launch the **Air command** menu and select  **Screen write**.
2. The current screen is captured, and a pen tool appears. The following editing tools are provided:
 -  **Pen**: Write on the screen shot. Tap  **Pen** a second time to change the pen tip, size, color, and to save presets.
 -  **Eraser**: Erase the writing or drawings on the screen shot. Tap  **Eraser** a second time to change the size of the eraser area and to see the **Clear all** option.
 -  **Crop**: Crop the screenshot. Tap  **Crop** a second time to change the shape to either Lasso or Rectangle.
 -  **Undo**: Tap to undo the last action.
 -  **Redo**: Tap to redo the last action.

3. When you are finished writing, either tap the  **Save** to save the screen shot or tap  **Cancel** to delete the shot. You can also tap  **Share via** to share the image using another app. The screen shot is saved in the Gallery app.

Air View

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

- Hover over an email in a list to preview the message before opening it.
- 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.
- Hover over an icon or screen button to view the item's name or description.

Note: The preview function is only available when the S Pen's onscreen pointer is a solid color.

For more information, see [Air View](#).

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Direct Pen Input

When filling out a form field in an app (like **Name** or **Number** in Contacts), you can open a Handwriting window to allow you to write the entry with the S Pen rather than type.

To use the Handwriting window:

1. When filling out a form field, hover the S Pen over the field until the  **Handwriting** icon appears.
2. Tap the **Handwriting** icon. The Handwriting window appears.
3. Use the space provided in the window to write the entry by hand using the S Pen. While writing, your entries will be converted into text.
4. To edit the converted text, use the Space and Delete icons provided. To change the position of the cursor, drag the pointer below the cursor to the desired position for editing.
5. When finished, press the  **Check Mark**.

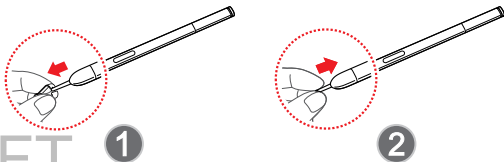
Configure S Pen Settings

For information on configuring S Pen settings, including options for sounds and for tracking S Pen when it's not stored in your device, see [S Pen](#).

Replace the S Pen Tip

You can replace the tip of the S Pen. To replace the tip:

1. Use tweezers (not included) to pull out the S Pen tip (1).
2. Insert the new pen tip on the top of the S Pen and press until it clicks in place (2).

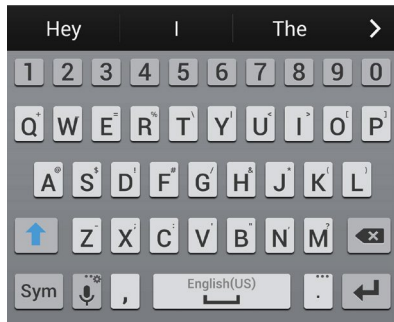


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Entering Text

Using the Samsung Keyboard

Type your text input using a QWERTY keyboard.



Special Keys



Tap once to use Google Voice Typing.

Touch and hold to access keyboard settings and advanced keyboard features, such as handwriting.



Use your handwriting to enter text.



Display the contents of the clipboard.



Access keyboard settings.



View emoticons.



Change the layout of the keyboard.

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Special Keys

Sym

Tap to switch to symbols.

ABC

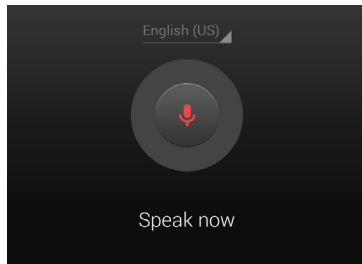
Tap to switch to letters.

Configure the Samsung Keyboard

To customize the Samsung Keyboard, see [Samsung Keyboard Settings](#).

Using Google Voice Typing

Instead of typing, speak your text input.



1. On the Samsung Keyboard, tap  **Google Voice Type**.
2. Speak your text.

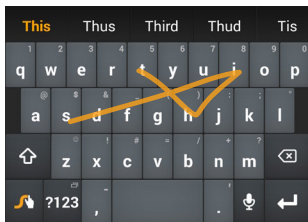
Configure Google Voice Typing

To customize Google Voice Typing, see [Google Voice Typing Settings](#).

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Using Swype

Swype is a text input method that makes it possible to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words.



Configure Swype

To customize Swype, see [Swype Keyboard Settings](#).

Enabling and Configuring Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward to display the Notification Panel.
2. Touch **Choose input method**.
3. Touch **Swype**.

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Calling

Make telephone calls using a variety of calling features and services.

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Making and Answering Calls

*Learn how to make or answer a call.
Explore features and functionality
associated with making or answering
a call.*

Make a Call

1. From the Edge screen, tap  **Phone**.

– or –

From a Home screen, tap  **Phone**.

2. Enter a number and tap  **Dial**.

*Quickly Dial a Number from
Your Contact List*

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. While viewing your contact list, swipe your finger across a contact to the right call the contact.

Dial a Recent Number

All incoming, outgoing and missed calls are recorded in the Call log. If the number or caller is listed in your contacts list, the associated name is also displayed.

1. From the Edge screen, tap  **Phone**.

– or –

From a Home screen, tap  **Phone**.

2. Tap the **Recent** tab. A list of recent calls is displayed.
3. Tap a contact, and then tap  **Call**.

End a Call

- ▶ When you are ready to end your call, tap  **End**.

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Answer a Call on the Main Screen

When a call is received, while the phone is inactive the phone rings and displays the caller's phone number, or name if stored in the contacts list on the main screen.

1. At the incoming call screen:

- Touch and drag  **Answer** in any direction to answer the call.
- Touch and drag  **Reject** in any direction to reject the call and send it to your voicemail.

2. Tap  **End call**.

Multitasking While on a Call

If you exit the call screen from the main screen and return to a Home screen, your active call is indicated by an icon on the Status bar.

This lets you continue with your current call and do something else, such as access the contacts list, view a recent email, locate a picture, and so on.

► Tap the reactivate button to return to the call screen.

– or –

To end a call from any application, swipe the Status bar downward to reveal the Notifications panel, and then tap **End**.

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Answer a Call on the Edge Screen

If your phone is active when you receive a call, the call screen will appear on the Edge screen, so that your activity is not interrupted.

1. On the Edge screen:

- Touch and drag  **Answer** in any direction to answer the call.
- Touch and drag  **Reject** in any direction to reject the call and send it to your voicemail.

2. Tap  **End call**.

To move the call screen to your main screen:

▶ Tap  **Expand**.

To return the call screen to the Edge screen:

▶ Tap  **Collapse**.

Options During a Call

Your phone provides a number of functions that you can use during a call.

Adjusting the Call Volume

▶ Press the **Volume Key** to increase or decrease the volume.

– or –

Quickly add more volume to the incoming audio by tapping  **Menu > Extra volume**.

Listen with the Speaker or Bluetooth Headset

Listen to the call using the speaker or through a Bluetooth headset (not included).

▶ Press **Speaker** to hear the caller using the speaker.

– or –

Press **Bluetooth** to use a Bluetooth headset (not included).

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Personalize the Call Sound Setting

Adjust the sound by using an audio equalizer.

- From the currently active call, tap  **Menu** > **Personalize call sound**.

Place a New Call While in a Call

If your service plan supports this feature, you can make another call while a call is in progress.

1. From the active call, tap **Add call** to dial the second call. The first call is displayed as a thumbnail.
2. Dial the new number and tap  **Dial**.
 - Tap **Swap** to switch between the two calls.
 - Tap **Merge** to hear both callers at once (multi conferencing).

Call Waiting

If your service plan supports this feature, you can answer an incoming call while you have a call in progress. You are notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

1. Slide  **Answer** in any direction to answer the new call. Tap an option:
 - **Putting [Caller] on hold** to place the previous caller on hold while you answer the new incoming call.
 - **Ending call with [Caller]** to end the previous call and answer the new call.
2. Tap the previous **On hold number entry** and select **Swap** to switch between the two calls. This places the new caller on hold and activates the previous call.

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Call Log

The numbers of the calls you have dialed, received, or missed are stored in the Recent tab.

1. From the Edge screen, tap  **Phone**.

– or –

From a Home screen, tap  **Phone**.

2. Tap the **Recent** tab. A list of recent calls is displayed. If the caller is in your contacts list, their name is displayed.

Save a Recent Call to Your Contacts List

1. From the Edge screen, tap  **Phone**.

– or –

From a Home screen, tap  **Phone**.

2. Tap the **Recent** tab.
3. Tap the call you want to save add to your contacts list.
4. Tap **Create contact**.

– or –

If you want to replace the number for an existing contact, tap **Update existing**.

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Delete a Call from the Call Log

1. From the Edge screen, tap  **Phone**.

– or –

From a Home screen, tap  **Phone**.

1. Tap the **Recent** tab.
2. Touch and hold the call you want to delete from the Call log.
3. Tap **Delete**.

Add a Call to the Reject List

By adding a caller to your Reject list, future calls from this number will be sent directly to your voicemail.

1. From the Edge screen, tap  **Phone**.

– or –

From a Home screen, tap  **Phone**.

1. Tap the **Recent** tab.
2. Touch and hold the caller you want to add to the Reject list.
3. Tap  **Menu** > **Add to reject list**.

Make a Call Using Speed Dial

You can assign a shortcut number to a contact for speed dialing their default number.

- ▶ To make a call using Speed Dial, tap  **Phone** > **Keypad** and enter the speed dial number, hold down on the last digit.

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Create a Speed Dial

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Menu** > **Speed dial**. The Speed dial screen displays showing the numbers 1 through 100 (Number 1 is reserved for voicemail).
 - Tap an unused number to assign it to a contact's default phone number.
 - To remove a speed dial number assignment, tap **Remove**.

Make an Emergency Call

The Emergency calling mode makes dialing an emergency number a one-tap process.

This mode can drain your battery power more rapidly than normal calling mode.

Make an Emergency Call without a SIM Card

Without a SIM card, you can only make an emergency call with the phone; normal cell phone service is not available.

1. From the Lock screen, tap **Emergency call**.
2. Enter **911** and tap  **Dial**.
3. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
4. Tap  **End call**.

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Make an Emergency Call with a SIM Card

1. From a Home screen, tap  **Phone**.
2. Enter the emergency number (example: 911), then tap  **Dial**.

Call Settings

To access the Call settings menu:

- From a Home screen, tap  **Phone** >  **Menu** > **Settings** > **Call**.

– or –

From a Home screen, tap  **Apps** > **Settings** > **Call**.

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Applications

The Apps screen displays all applications installed on your device, both preloaded apps and apps you download and install yourself.

Learn how to change the way apps appear, organize apps into folders, and uninstall or disable apps.

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Apps Screen

The Apps screen shows all preloaded apps and apps that you downloaded. You can uninstall, disable, or hide apps from view.

Shortcuts to app can be placed on any of the Home screens. For more information, see [Add a Shortcut to a Home Screen](#).

Accessing Applications

1. From a Home screen, tap  **Apps**.
2. Tap an application's icon to launch it.
3. To return to the main Home screen, press the **Home** key.

Download and Install New Apps

Find new apps to download and install on your device:

-  **Play Store:** Download new apps from the Google Play Store. Visit play.google.com/store/apps to learn more.
-  **GALAXY Apps:** View and download Samsung apps that are optimized for use with GALAXY devices. Visit apps.samsung.com to learn more.

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
 - Apps that are disabled are turned off and hidden from view.
1. From a Home screen, tap  **Apps**.
 2. Tap  **More options > Uninstall/disable apps**. Apps that can be uninstalled show  **Delete** on their icon.
 3. Tap  **Delete** and follow the prompts to either **uninstall** or **disable** the app.

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Organize Your Apps

The Apps icons can be organized in folders and listed alphabetically or in your own custom order.

Change the Order Apps Are Listed

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Sort by**.
3. Tap an option:
 - **Custom:** The default view, which allows you to touch and hold on apps to move them from screen to screen.
 - **Alphabetical order:** Icons are arranged in A-Z order.

Use Folders to Organize Apps

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Create folder**.
3. Enter a folder name.
4. Tap  **Add**, select apps to include in the folder, and then tap **Done**.
 - Touch a folder to view its apps. Touch an app to launch it.

Hide Apps from View

You can hide (rather than uninstall or disable) apps that you do not wish to see on the App screen.

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Hide apps**.
3. Tap apps to hide, and then tap **Done**.

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Show Hidden Apps

You can unhide apps you have hidden and put them back on the App screen.

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Show hidden apps**.
3. Tap apps to unhide, and then tap **Done**.

Apps Screen Options

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** for these options:
 - **Edit:** Touch and hold an app icon then drag it to the **Create folder** icon to create a new folder. Drag it to the **Create page** icon to create a new apps screen and place the icon on it. Drag it to **App info** to view information about this app.
 - **Create folder:** Create a new folder to hold the app icon.
 - **Remove folder:** Remove a folder.
 - **Sort by:** Configure the apps screen.

- **Uninstall/disable apps:** Uninstall an app that you downloaded to your device, or disable a preloaded app (preloaded apps cannot be uninstalled). Touch  **Delete** to remove or disable the selected app.
- **Hide apps:** Hide apps from the Apps screen.
- **Show disabled apps:** Display disabled apps.
- **Show hidden apps:** Display hidden apps.
- **GALAXY Essentials:** Galaxy Essentials is a collection of specially chosen applications available through Samsung Apps. From Galaxy Essentials, you can access and download a collection of premium content, free of charge.
- **Help:** View information about your device.

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Google Applications

Enjoy these applications from Google.

Note: Certain applications require a Google account. Visit google.com to learn more.



Chrome

Use Google Chrome to browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.

Visit google.com/chrome/browser to learn more.



Drive

Open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.



Gmail

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

Visit gmail.com to learn more.



Google

Search not only the Internet, but also the apps and contents of your device.

Google Now

Google Now works in the background to collect information you regularly look up and organize it into convenient cards that appear when you need them.

Visit google.com/landing/now to learn more.

► Press and hold the **Home** key.

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

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Google Settings

Quickly and easily change Google app settings to suit your preferences.

Note: You must be signed in to the application you want to configure. For example, sign in to Google+ to configure Google+ settings.



Google+

Stay connected and share with Google+. Chat with friends and family, post photos, and see what others are sharing.



Hangouts

Hangouts is an online place to meet friends and family, share photos, and host video calls. Conversation logs are automatically saved to a Chats area in your Gmail account.

Visit google.com/hangouts to learn more.



Maps

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

Visit google.com/maps to learn more.

Note: You must enable location services to use Maps. Please see [Location Services](#).



Photos

This application automatically backs up your photos and videos to your Google+ account.



Play Books

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

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

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Play Games

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

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



Play Movies & TV

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

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



Play Music

With Google Play Music, you can play music and audio files on your device.

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



Play Newsstand

Subscribe to your favorite magazines to read on your device at your leisure.

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



Play Store

Find new apps, movies and TV shows, music, books, magazines, and games in Google Play Store.

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



Voice Search

Use voice commands to search the web with Google.



YouTube

View and upload YouTube videos right from your device.

Visit youtube.com to learn more.

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Verizon Applications

Enjoy these applications from Verizon Wireless.

Note: Certain applications require a data plan or paid subscription. Visit verizonwireless.com to learn more, or contact your service provider for additional information.



Caller Name ID

Screen calls with the Caller Name ID service, which provides the names and pictures of people who call you.

Note: A subscription is required to use this service. Contact your wireless provider for details.



Cloud

Use Verizon Cloud to back up and access your data. You can also use Verizon Cloud to transfer content between other devices.



Message+

Use Verizon Messages to send text messages at a whole new level. Draw on pictures, share locations in real time, send audio messages, and much more.



Mobile Hotspot

This is a shortcut to the Mobile Hotspot. For more information, see [Mobile Hotspot](#).

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My Verizon Mobile

View details and manage your Verizon Wireless account.

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



Voice Mail

Visual Voice Mail allows you to review your voicemail on your phone, including the option to listen to your voicemail in any order. There is a monthly charge for Visual Voice Mail, and airtime charges may apply. For more information, contact Verizon Wireless.



VZ Navigator

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



VZ Protect

The Verizon Support and Protection application helps protect your phone from digital threats, including viruses and malware, risky web sites, and from people accessing the information on your phone if it is ever lost or misplaced.

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Other Applications



Amazon

Shop at Amazon.com from your device.

Visit [Amazon.com](https://www.amazon.com) to learn more.



Amazon Kindle

Use the Amazon Kindle application to download books for reading right on your device. You must have an account with Amazon to use the Kindle application.

Visit kindle.amazon.com to learn more.



Amazon Music

Shop for music at Amazon.com.

Visit [Amazon.com](https://www.amazon.com) to learn more.



Appstore

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

Visit [Amazon.com](https://www.amazon.com) to learn more.



Audible

Download audio books to enjoy on your phone.

Visit [Audible.com](https://www.audible.com) to learn more.



Flipboard

Use this application to access your personalized magazines.

Visit flipboard.com to learn more.

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Hancom Office 2014

Hancom Office 2014 supports editing documents, spreadsheets and presentations as well as viewing PDF documents. Hancom Office 2014 also provides a file manager that helps you quickly find and easily manage documents.

Visit hancom.com to learn more.



Help

View information on using your device's basic features and settings.



IMDb

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



NFL Mobile

Play the popular game on your phone.

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PEN.UP

This community brings together anyone that uses the S Pen to draw, sketch, scribble or paint. Share photos, comment on other creations, or just browse through the pages for something to add to your personal collection.



Slacker Radio

Enjoy free Internet radio with your mobile device.



Softcard

Softcard uses NFC technology to let you pay for purchases with just a tap of your device. Softcard holds credit, debit, and loyalty cards, while organizing offers, deals, and promotions. Softcard helps you manage your spending by showing you card balances and recent purchases for most of the cards in your Wallet.

Note: Softcard requires a special SIM card. See your Customer Service representative for more information.

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Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

1. From a Home screen, tap  **Apps** >  **Calculator**.
2. Enter the first number using the numeric keys.
3. Tap the appropriate arithmetic function key.
4. Enter the next number.
5. To view the result, tap the  **Equals** key.

Additional Functions

- Tap  **Clear**.
- To clear the calculator history, tap the icon  **Tap to view history** to view the history of calculations, and then tap **Clear history**.
- To copy all or part of the calculation to the clipboard, touch and hold an entry in the display field.

Scientific Calculator

Turn the device landscape to use advanced arithmetic functions, such as *sin*, *cos*, and *tan*.

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Calendar

Manage your events and tasks.

Create an Event or Task

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap  **Add** and use one of the following methods:
 - **Event:** Enter an event with an optional repeat setting.
 - **Task:** Enter a task with an optional priority setting.
3. Enter details for the event or task, and then tap **Save**.

Delete an Event or Tasks

1. From a Home screen, tap  **Apps** >  **Calendar**.

2. Tap to view an event or task. Tap  **More options** > **Delete**.

To delete multiple events or tasks, tap  **More options** > **Delete**, select events or tasks, and then tap **Done**.

Sharing Events

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap to view an event or task. Tap  **Share via**, select a sharing method, and follow the prompts.

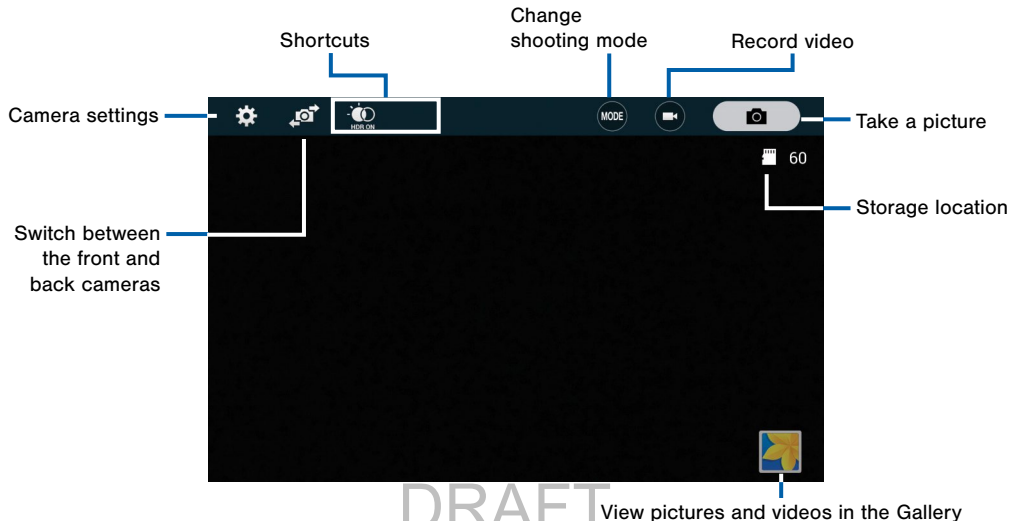
Calendar Settings

These settings allow you to modify settings associated with using the Calendar.

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap  **More options** > **Settings**.
3. Tap an option and follow the prompts.

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Camera



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Taking Photos

Take photos with your device's front or back camera, or combine shots with Dual mode.

1. From a Home screen, tap  **Apps** >  **Camera**.
2. Using the display screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your photo, use the onscreen options, or these gestures:
 - Tap the screen with two fingers and pinch or spread them on the screen to zoom in and out.
 - Tap the screen to focus on the area you touched.
3. Tap  to take the photo.

Shooting Mode

Several photo effects are available. Some modes are not available when taking self-portraits.

1. From a Home screen, tap  **Apps** >  **Camera**.
2. Tap **MODE** and select a shooting mode:
 - **Auto**: Allow the camera to evaluate the surroundings and determine the ideal mode for the photo.
 - **Rear-cam selfie**: Take a selfie using the rear camera.
 - **Selfie**: Take a selfie using the front facing camera.
 - **Wide selfie**: Take a selfie with more width.
 - **Selective focus**: Make objects stand out from the background. They must be within 1.5 feet from you, and at least 3 times this distance from the background.
 - **Panorama**: Take a photo composed of many photos strung together.

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- **Manage modes:** Select which shooting modes to display when you tap MODE with options like Beauty face, Shot & more, Virtual tour, or Dual camera.
- **Download:** Download additional shooting modes from the Samsung Apps store.

Camera and Video Settings

1. From a Home screen, tap  **Apps** >  **Camera**.
2. Tap  **Settings** to configure settings for Camera. Not all of the following options are available in both still camera and video camera modes. The available options vary depending on the mode used.
 - **Beauty face:** Take a photo with lightened faces for gentler images.
 - **Edit quick settings:** Select which settings appear on the camera screen.
 - **Effects:** Add visual effects to photos and videos.
 - **Exposure value:** Change the exposure value. This determines how much light the camera's sensor receives. For low light situations, use a higher exposure.

- **Flash:** Activate or deactivate the flash.
- **Grid lines:** Display viewfinder guides to help composition when selecting subjects.
- **HDR (Rich tone):** Take photos without losing details in bright and dark areas.
- **Help:** View information on using the camera.
- **Interval shot:** Take multiple pictures at intervals.
- **ISO:** Select an ISO value. This controls camera light sensitivity. It is measured in film-camera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
- **Location tags:** Attach a GPS location tag to the photo.
- **Metering modes:** Select a metering method. This determines how light values are calculated. Center-weighted measures background light in the center of the scene. Spot measures the light value at a specific location. Matrix averages the entire scene.

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- **Picture size:** Select a resolution. Use higher resolution for higher quality. Higher resolution photos take up more memory.
- **Recording mode:** Select Normal, Limit for email, or Fast motion mode.
- **Reset settings:** Reset the camera settings.
- **Review pics/videos:** Set to show photos or videos after taking them.
- **Save as flipped:** Save the self-portrait or self-recording as a reversed (or 'mirrored') image.
- **Shutter sound:** Play a tone when the camera button is tapped.
- **Storage location:** Select the memory location for storage.
- **Tap to take pics:** Tap the image on the preview screen to take photos.
- **The Volume key:** use the Volume key as the camera key, the record key, or as a zoom key.
- **Timer:** Use this for delayed-time shots.
- **Video size:** Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Video stabilization:** Activate or deactivate anti-shake. Anti-shake helps focus when the camera is moving.
- **Voice control:** Set the camera to take photos with voice commands.
- **White balance:** Select an appropriate white balance, so images have a true-to-life color range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.

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Contacts

Your device provides the ability to synchronize information, from a variety of accounts, including Google, Email, Facebook, and your Samsung account.

Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Accounts

Adding an Account

1. From a Home screen, tap  **Apps** >  **Settings** > **Accounts** > **Add account**.
2. Select an account provider, then follow the prompts to enter your credentials and sign in.

Managing Accounts

1. From a Home screen, tap  **Apps** >  **Settings**. > **Accounts**.
2. Select an account, then tap a setting to enable synchronization.

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Contacts

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

Accessing Contacts

► From a Home screen, tap  **Apps** >  **Contacts**.

Finding a Contact

You can search for a contact, or scroll the list to find one by name.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the **Search** field, and then enter characters to find contacts that match.
3. Tap a letter on the side of the list to go directly to that letter in the alphabetical list.

Adding a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Add**, and then tap contact fields to enter information.
 - Choose a storage account for the contact. You can choose **Device** to store the contact on the device, or choose an account.
 - Tap  **Photo** to assign a picture to the new contact.
 - Enter a name, phone number, email address, and assign the contact to a group. Tap **Add** another field to add additional contact information.
 - Tap  **Add** to enter additional entries. Tap  **Delete** to remove an entry. Tap  **Expand** for additional fields. Tap  to choose a label for the field.
3. Tap **Save**.

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Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the contact to display it, and then tap  **Edit**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **Save**.

Share a Name Card

When you share a name card, the contact's information is sent as a vCard file (.vcf). You can share a vCard via Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap a contact to display it, and then tap  **More options** > **Share name card**.
3. Choose a sharing method and follow the prompts.

Link Contacts

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

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the contact to display it, and then tap  **Link**.
3. Tap **Link another contact**, and then select contact(s) to link to the original contact.
4. Tap **Done** to save the linked contact.

Unlink Contacts

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the contact to display it, and then tap  **Link**.
3. Tap  beside contacts to unlink them from the main contact.

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Delete Contacts

You can delete a single contact, or choose multiple contacts to delete.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Touch and hold on a contact to select it. You can also tap other contacts, or choose **Select all** to select all contacts.
3. Tap  **Delete**.

Favorites

When you mark contacts as favorites, they are easily accessible from other apps. Favorites display together on the Favorites tab in Contacts.

Mark Contacts as Favorites

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap a contact to display it, and then tap  **Favorite** (turns bright ).

Remove Contacts from Favorites

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the **Favorites** tab, and then touch and hold on a contact to select it. You can also tap other contacts, or choose **Select all** to select all contacts.
3. Tap  **More options** > **Remove from Favorites**.

Create a Shortcut to a Favorite

You can create a shortcut to a favorite on the home screen, to access their information directly from the home screen.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the **Favorites** tab, and then touch and hold on a contact to select it.
3. Tap  **More options** > **Add shortcut to home screen**.

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Groups

You can use groups to organize your contacts. Your device comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts, and you can send email to the members of a group.

Create a Group

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Groups**, and then tap  **Add**.
3. Tap fields to enter information about the group:
 - Tap **Create group in** to choose where to save the group. You can save it to a specific account, to the device memory, or to all accounts.
 - Tap **Group name** to enter a name for the new group.
4. Tap **Add member** and select contact(s) to add to the new group, and then tap **Done**.
5. Tap **Save**.

Rename a Group

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the **Groups** tab, and then tap a group.
3. Tap  **More options** > **Edit group** and enter a new name.
4. Tap **Save**.

Add Contacts to a Group

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the **Groups** tab, and then tap a group.
3. Tap  **Add**, and then tap the contact(s) you want to add.
4. Tap **Done**.

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Send an Email to a Group

You can send an email to members of a group.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the **Groups** tab, and then tap a group.
3. Tap  **More options** > **Send message or email**.
4. Check contacts to select them, or tap **Select all**, and then tap **Done**. (You will only see group members that have email addresses in their contact records.)
5. Choose an account and follow the prompts.

Delete a Group

Preset groups, such as Family, cannot be deleted.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the **Groups** tab.
3. Tap  **More options** > **Select**.
4. Select groups to delete and tap  **Delete**.

Contact Settings

These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **More options** > **Settings**.
3. Tap an option and follow the onscreen instructions.

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Clock

The Clock app features an Alarm and a World Clock.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap a tab to use a feature:
 - **Alarm:** This feature allows you to set an alarm to ring at a specific time.
 - **World clock:** View the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.
 - **Stopwatch:** Measure intervals of time.
 - **Timer:** Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified.

1. From a Home screen, tap  **Apps** >  **Clock** > **Alarm** tab.
2. Tap  **Create alarm:**
 - **Time:** Choose a time for the alarm.
 - **Days:** Choose the days to use this alarm.
 - **Repeat weekly:** When enabled, the alarm repeats every week.
 - **Alarm type:** Choose whether the alarm will use sound, vibration, or vibration and sound to alert you.
 - **Alarm tone:** If you have chosen an alarm type that includes sound, choose a sound to play for the alarm.
 - **Volume:** If you have chosen an alarm type that includes sound, drag the slider to set the volume of the alarm.

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- **Snooze:** Allow snoozing, and set **Interval** and **Repeat** values for the alarm while snoozing.
 - **Smart alarm:** When on, the alarm will start playing a tone at a low volume at an interval before the alarm time, and slowly increase in volume. Choose a time interval and a tone to use with smart alarm.
 - **Name:** Enter a name for the alarm.
3. Tap **Save**.

Delete an Alarm

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Touch and hold an alarm, and then tap  **Delete**.

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Email

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

To access Email:

► From a Home screen, tap  **Apps** >  **Email**.

Configuring Email Accounts

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

1. From a Home screen, tap  **Apps** >  **Email**.
2. Follow the onscreen instructions to set up your email account.

– or –

For additional accounts, tap  **More options** > **Settings** > **Manage accounts** >  **Add**.

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

Note: To configure email account settings at any time, tap  **More options** > **Settings**. Tap the account to display Account settings.

Managing Your Email Accounts

You can view email you receive for all accounts on the **Combined view** screen or you can view email accounts individually.

1. From a Home screen, tap  **Apps** >  **Email**.
2. Tap the  drop-down menu at the top left of the screen to select:
 - **Combined view:** View all email in a combined inbox.
 - **<Account Name>:** View email for only this account.

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Refreshing Your Email Account

Refresh your account to update your email accounts.

1. From a Home screen, tap  **Apps** >  **Email**.
2. In the Application Bar, tap  **Refresh**.

Deleting Email Accounts

To delete an Email account:

1. From a Home screen, tap  **Apps** >  **Email**.
2. Tap  **More options** > **Settings**.
3. Tap the account you want to delete, and then tap  **Delete**.

Email Settings

Use the Email Settings to configure your Email preferences.

Note: Available settings depend on the email provider.

1. From a Home screen, tap  **Apps** >  **Email**.
2. Tap  **More options** > **Settings**.
3. Tap an option and follow the onscreen instructions.
4. Tap an account to configure specific settings.

Available options depend on the account.

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Galaxy Apps

Galaxy Essentials is a collection of specially chosen applications available through Samsung Apps.

From Galaxy Essentials, you can access and download a collection of premium content, free of charge

Note: A Samsung account is required to download apps.

- From a Home screen, tap  **Apps >**
 **GALAXY Apps.**

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Gallery

View, edit, and manage pictures and videos.

Viewing Images

Launching Gallery displays available folders. When another application, such as Email, saves an image, the Download folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates a Screenshots folder.

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap a folder to open it.
 - Tap an image or video to view it in full screen. Scroll left or right to view the next or previous image.

Zooming In and Out

Use one of the following methods to zoom in or out on an image:

- Double-tap anywhere on the screen to zoom in or zoom out.
- Spread two fingers apart on any place to zoom in. Pinch the screen to zoom out.

Playing Videos

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap a folder to open it.
3. Tap a video to view it.

Trimming Segments of a Video

1. Select a video, and then tap  **Trim**.
2. Move the start bracket to the desired starting point, move the end bracket to the desired ending point, and then save the video.

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Editing Images

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. While viewing an image, tap  **More options** for the following functions:
 - **Edit**: Use basic tools to edit your photo.
 - **More info**: View image details.
 - **Screen write**: Draw, write, and do edits on the photo and save it as a separate file.
 - **Rotate left**: Rotate counter-clockwise.
 - **Rotate right**: Rotate clockwise.
 - **Crop**: Resize the frame to crop and save the image in it.
 - **Rename**: Rename the file.
 - **Slideshow**: Start a slideshow with the images in the current folder.
 - **Add tag**: Add a content tag to the photo.
 - **Studio**: Edit your photo with advanced tools.
 - **Set as**: Set the image as wallpaper or a contact image.

- **Print**: Print the image via a USB or Wi-Fi connection. Some printers may not be compatible with the device.
- **Settings**: Change the Gallery settings.

Deleting Images

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap  **More options** > **Delete**, select items to delete, and then tap **Done**.

Tip: When viewing an image full screen, tap  **Delete**.

Sharing Images

Use one of the following methods:

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap a folder to open it.
3. In a folder, tap  **More options** > **Select**, select images, and then tap  **Share via** to send them to others or share them via social network services.

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Gallery Settings

These settings allow you to modify settings associated with using your Gallery.

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap  **More options** > **Settings**.
3. Tap an option and follow the onscreen instructions.
4. Tap  **More options** > **Add account** to add a Samsung, Google, or Facebook account.

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Internet

Access to the Internet with a fully featured web browser.

Access the Internet

► From a Home screen, tap  **Apps** >  **Internet**.

Command Keys

- Tap  **Back** or  **Back** key to return to the previous page.
- Tap  **Forward** to go forward to a recent page.
- Tap  **Home** to display your Internet Home screen.
- Tap  **Refresh** to reload the current page.

Viewing Web Site

► To view a web site, tap the address field, enter the web address, and then tap **Go**.

- To share, save, or print the current web page, tap  **More options**.
- Tap the screen twice to zoom in or out. Or pinch the screen to zoom out and stretch the screen to zoom in.

Browser Tabs

Use tabs to view multiple web pages at the same time.

- To open a new tab, tap  **More options** > **New tab**.
- Tap a different tab to view it.
 - To close a tab, tap  **Tab Manager** and tap  **Close**.

Bookmarks

- To bookmark the current web page, tap  **Bookmark** >  **Add bookmark**.
- To open a bookmarked web page, tap  **Bookmark** and tap an entry.

History

- ▶ Tap  **Bookmark** > **History** tab to view a list of recently visited web pages.

Saved Pages

- To save a web page, tap  **More options** > **Save webpage**.
- Tap  **Saved pages** tab to view a list of saved web pages.

Sharing Pages

- ▶ To share a web page address with others, tap  **More options** > **Share via** and follow the prompts.

Incognito Tabs

Pages viewed with incognito tabs do not appear within your browser history or search history, and leave no traces (such as cookies) on your device.

Note: Any downloaded files will remain on your device after you close the incognito tab.

Incognito tabs display  **Incognito** on their tab.

- ▶ To turn on Incognito mode, tap  **More options** > **Incognito mode**.
- ▶ To open a new incognito tab, tap  **More options** > **New incognito tab**.

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Internet Settings

1. From a Home screen, tap  **Apps** >  **Internet**.
2. Tap  **More options** > **Settings**.
3. Tap an option and follow the prompts to customize.

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Message+

This section describes how to create a send a message using the Verizon Messages app.

Creating and Sending Messages

Use the Verizon Messages app to send and receive messages with your friends and family.

1. From the Edge screen, tap  **Message+** >  **New message.**
2. Tap the **To:** field and then enter a contact name, a mobile phone number, or an email address using the onscreen keyboard. As you enter letters, possible matches from your accounts and contacts display on the screen. Touch a match to add it to the message.
3. Tap **Type a message** and enter your message.

4. Tap  **Attach** to attach an item, such as a postcard, picture, video, audio recording, Glympse location, location, contact card, or song. You can also choose emoticons to insert into your message.
5. Review your message and tap  **Send.**

Reading Messages

When you receive a message, your phone notifies you by displaying the  **New message** icon in the Status bar.

To access a new message:

- Drag your finger down from the Status bar to display the Notification panel, and then tap the message notification to open the message.

– or –

From the Home screen, tap  **Message+**, and then tap the message to open it.

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Creating and Sending Messages

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4. Tap  **Attach** to attach an item, such as a postcard, picture, video, audio recording, Glympe location, location, contact card, or song. You can also choose emoticons to insert into your message.
5. Review your message and tap  **Send**.

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To access a new message:

- Drag your finger down from the Status bar to display the Notification panel, and then tap the message notification to open the message.

– or –

From the Home screen, tap  **Message+**, and then tap the message to open it.

Replying to Messages

Messages you exchange with another person are displayed as conversations in the Messages app, so you can see all the messages in one place.

1. From the Home screen, tap  **Message+**.
2. Tap a conversation to display it.
3. Tap the **Type a message** field and then type your reply message.

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4. When the message is complete, tap  Send.

Protecting a Message from Deletion

You can lock a message so that it will not be deleted even if you delete the other messages in the conversation.

1. From the Home screen, tap  **Message+**.
2. Tap a conversation to display it.
3. Touch and hold the message that you want to lock, and then tap **Lock message** on the pop-up menu.
A lock icon displays on the message.

Deleting Messages

1. From the Home screen, tap  **Message+**.
2. Tap a conversation to display it.
3. Touch and hold the message you want to delete, and then tap **Delete message** on the pop-up menu.
Follow the prompts to confirm the deletion.

Deleting Conversations

You can delete all the messages you've exchanged with another person.

1. From the Home screen, tap  **Message+**.
2. Touch and hold a conversation you want to delete and tap **Delete Conversation > Delete**.

Note: Locked messages will not be deleted unless you select **Include protected messages** before confirming the deletion.

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Messages

Learn how to send and receive different messages using the default Messages app on your phone.

Types of Messages

Your default Messages app provides the following message types:

- Text Messages (SMS)
- Multimedia Messages (MMS)

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

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other

mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type.

Creating and Sending Messages

This section describes how to create a send a message using the Messages app.

1. From a Home screen, tap  **Messages** >  **Compose**.
2. Tap the **Enter recipients** field to manually enter a recipient or tap  **Add Recipient** to select a recipient from your Contacts. You can also select the recipient based on Groups, Favorites, or Logs.
3. If adding a recipient from your Contacts, tap the contact to place a check mark then tap **Done**. The contact will be placed in the recipient field.

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4. Enter additional recipients by separating each entry with a semicolon (;) and then using the previous procedure. More recipients can be added at any time before the message is sent.
5. For the Group option, if the number of recipients is less than 10, all members in the group will be added. You will need to delete any unnecessary members in the list by selecting the trash can icon and deleting unwanted entries.
6. Tap the **Enter message field** and use the onscreen keypad to enter a message. For more information, please see [Entering Text](#).
7. Tap  **Add emoticons** to choose an available emoticon from an onscreen list and then add it into your message (at the cursor location) if desired.
8. Review your message and tap  **Send**.

Note: If you exit a message before you send it, the message is automatically saved as a draft.

Viewing New Messages

When you receive a new message, a preview of the message will appear on the Edge screen, and a new message icon appears on the Status Bar.

To view the message:

1. Tap the message in the Edge screen to open.

– or –

Open the Notification Panel and select the message. For more information, please see [Notification Panel](#).

– or –

From a Home screen, tap  **Messages**, and then tap the new message to view it.

2. To play a multimedia message (audio or video), tap  **Play**.
3. To scroll through the list of messages, tap the screen and scroll up or down the page.

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Deleting Messages

To delete messages, follow these steps:

1. From a Home screen, tap  **Messages**.
2. Tap  **More options** > **Select**.
3. Tap each message you want to delete or tap **Select all**.
4. Tap  **Delete**.
5. At the **Delete conversations** prompt, tap **Delete** to delete or **Cancel** to cancel.

Message Search

1. You can search through your messages by using the Message Search feature.
2. From a Home screen, tap  **Messages**.
3. Tap  **Search**.
4. Enter a word or phrase to search for, and then tap  **Search** on the keyboard.

Messages Settings

Configure the settings for text messages, multimedia messages, voicemail, and push messages.

- From a Home screen, tap  **Apps** >  **Messages** >  **More options** > **Settings**.

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Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Users may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled.

To disable Imminent Threats and AMBER Alerts, follow the instructions below:

1. From a Home screen, tap  **Emergency Alerts**.
2. Tap  **More options** > **Settings** > **Alert types**.
3. All alerts are enabled by default (check mark showing). Tap on an alert option to disable it.

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Music Player

Listen to your favorite songs with Music Player. Navigate through your music library, play songs, and create customized playlists.

Listen to Music

1. From a Home screen, tap  **Apps** >  **Music**.
2. Tap a library category at the top of the screen to view your music files.
3. Scroll through the list of songs and tap an entry to begin playback.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback.

Creating a Playlist

1. From a Home screen, tap  **Apps** >  **Music**.
2. Tap the **Playlists** tab.
3. Tap  **More options** > **Create playlist**.
4. Enter a name for this playlist and tap **Create**.

Adding Music to a Playlist

1. From a Home screen, tap  **Apps** >  **Music**.
2. Tap the **Playlists** tab.
 - Tap a playlist name, and then tap  **Add tracks**.
 - Select music files to add.
3. Tap **Done**.

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Removing Music from a Playlist

1. From a Home screen, tap  **Apps** >  **Music**.
2. Tap the **Playlists** tab.
3. Tap the desired playlist name.
4. Tap  **More options** > **Remove**. Select each track you want to remove from this playlist.
5. Tap **Done**.

Renaming a Playlist

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

1. From a Home screen, tap  **Apps** >  **Music**.
2. Tap the **Playlists** tab.
3. Tap a playlist.
4. Tap  **More options** > **Edit title**.
5. Enter a new title for the playlist.

Music Options

The following options may or may not appear depending on whether or not music is actually playing. Also, options will be different if the song you are listening to is in a playlist.

1. From a Home screen, tap  **Apps** >  **Music**.
2. Tap  **More options** for options:
 - **Select**: Select multiple songs to edit or delete.
 - **Cloud**: Add a song to your Verizon Cloud account.
 - **Create playlist**: Create and add music to playlists (only available in the Playlists tab).
 - **Listen via Bluetooth**: Scan for and pair with a Bluetooth headset.
 - **View as**: Display entries as a list or thumbnail.
 - **Music square**: Create a playlist based on mood.
 - **Settings**: Change your Music settings.

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Playback Controls



Streams the current music file to another device via Change player.



Volume control and SoundAlive.



Volume control showing volume muted.



Shuffles the current list of songs randomly.



Songs play in order and are not shuffled.



Assign the current song as a Favorite.



Plays the entire song list once.



Replays the current list when the list ends.

Playback Controls



Repeats the currently playing song.



Touch and hold to rewind the song. Tap to go to previous song.



Pause the song.



Start the song after pausing.



Touch and hold to fast-forward the song. Tap to go to next song.



Lists the current playlist songs.

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My Files

Access files stored on your device, including images, videos, songs, and sound clips.

View Files

Files stored in the device are organized into the following groups:

- **Quick Search:** Files are grouped into the following categories:
 -  **Recent files:** View recently saved files.
 -  **Images:** View image files.
 -  **Videos:** View video files.
 -  **Audio:** View audio files.
 -  **Documents:** View document files.
 -  **Downloaded apps:** View downloaded apps.
-  **Download History:** View all apps and files that have been downloaded to the device.

- **Shortcuts:** Contains shortcuts to files or folders that you have added. This option only appears if you have added shortcuts to the My Files main screen.
- **Local Storage:** View folders and files in their storage locations.
 -  **Device storage:** View folders and files located on the device.
 -  **SD card:** View folders and files located on the memory card (if installed).

To view files in My Files:

1. From Home, tap  **Apps** >  **My Files**.
2. Tap a category to view the relevant files or folders.
3. Tap a file or folder to open it.

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My Files Options

On the main screen of My Files, the following options are available:

- ▶ Tap  **Search**, and then enter search criteria.
- ▶ Tap  **More options** for these options:
 - **Select:** Select shortcuts. This option only appears if you have added shortcuts to the My Files mains screen.
 - **Cloud:** Connect to Verizon cloud.
 - **Add shortcut:** Add a shortcut on the My Files main screen to any folder.
 - **Storage usage:** View memory information for your device and memory card (if installed).
 - **Settings:** Change the settings for viewing files.

Category Options

After tapping on a category, the following options are available:

- ▶ Tap  **Home** to return to the main screen of the My Files app. Tap  **Search**, and then enter search criteria.
- ▶ Tap  **More options** to find the following options:
 - **Select:** Select files or folders.
 - **Cloud:** Connect to Verizon cloud.
 - **Create folder:** Add a folder to the current list. This option only appears in Local Storage categories.
 - **View as:** Change the appearance of the files or folders.
 - **Sort by:** Change the sort order of the files.

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- **Add shortcut:** Add a shortcut to the current location on either a Home screen or the My Files main screen. This option only appears in Local Storage categories.
- **Settings:** Change the settings for viewing files.

Options for Selected Files and Folders

- Tap  **More options** > **Select**, select a file or folder, and then use one of these functions:



Share via: Send files to others or share them.



Delete: Delete files or folders.

- Tap  **More options** for additional options:

- **Move:** Move files or folders to another folder.
- **Copy:** Copy files or folders to another folder
- **Rename:** Rename a file or folder. This option only appears when just one file or folder is selected.
- **Add shortcut on Home screen:** Add a shortcut to the file or folder on a Home screen.
- **Zip:** Create a zip folder containing the selected files. This option only appears in Local Storage categories. A selected zip folder has the additional options of **Extract** and **Extract to current folder**.
- **Details:** View details of the selected file(s) or folder(s).

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Use S Health to plan, track, and manage your health goals and activities, including exercise, sleep, and meals.

1. From Home, tap  **Apps** >  **S Health**.
2. Read and accept the terms and conditions.
3. Set up your health profile and goals.

Before You Start Exercising

This app can be used to monitor your exercise. While moderate physical activity, such as brisk walking, is safe for most people, health experts suggest that you talk with your doctor before you start an exercise program, particularly if you have any of the following conditions:

- Heart disease;
- Asthma or lung disease;
- Diabetes, or liver or kidney disease;

- Arthritis.

You should also check with your doctor if you have symptoms suggestive of heart, lung, or other serious disease, such as:

- Pain or discomfort in your chest, neck, jaw, or arms during physical activity;
- Dizziness or loss of consciousness;
- Shortness of breath with mild exertion or at rest, or when lying down or going to bed;
- Ankle swelling, especially at night;
- A heart murmur or a rapid or pronounced heartbeat;
- Muscle pain when walking upstairs or up a hill that goes away when you rest.

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Finally, the American College of Sports Medicine recommends that you see your doctor before engaging in vigorous exercise if two or more of the following apply:

- You are a man older than age 45 or a woman older than age 55;
- You have a family history of heart disease before age 55;
- You smoke or quit smoking in the past six months;
- You have not exercised for three months or more;
- You are overweight or obese;
- You have high blood pressure or high cholesterol.
- You have impaired glucose tolerance, also called prediabetes.

When in Doubt – Check It Out

If you are unsure of your health status, have several health problems, or are pregnant, you should speak with your doctor before starting a new exercise program. Working with your doctor ahead of time is a good way to plan an exercise program that is right and safe for you. Consider it the first step on your path to physical fitness.

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S Note

The S Note app helps you create, edit, and manage all the notes on your device.

Sign in to your Samsung account or Evernote account to access your notes in S Note from any device.

With S Note, create content by typing, writing, drawing, and even recording voice, video, or taking pictures. Templates are provided to make content creation easy and help keep things organized.

3. Use the S Pen to create content.
4. To use a template, tap  **More > Add template.**
5. When finished, tap the  **Save** icon.

Create a Note

To create a note with S Note:

1. From a Home screen, tap  **Apps >  S Note.**
2. Tap  **Create new note.**

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Edit a Note

When in the S Note app, you can edit notes as follows:

1. Tap a note to view it.
2. Tap  **Edit** to edit the note.

Note: Action memos (which may appear under Quick Notes) behave differently from other notes. When you tap on an Action memo to view it, you can edit the memo immediately.

Note Tools

When creating or editing a note in S Note, some helpful modes and tools are provided.

Note: The available tools are different for Action Memos.

- **Save:** Tap to save the note. The note switches to View mode. To edit the note again, tap the  Edit button.
- **Handwriting mode:** Write or draw freehand with the S Pen. Tap the Pen icon once to select Handwriting mode. Tap again to change the Pen settings.
- **Eraser mode:** Erase content from the note. Tap once to select the eraser. Tap again to change the Eraser settings.
- **Text mode:** Type text using the keyboard. Tap once to select Text mode. Tap again to change the Text settings.
- **Photo note:** Add a note page by taking a picture. The camera is activated. After you take a picture, crop the image as desired. The cropped image is then added as a page to your current note.
- **Selection mode:** Select content in the note. Tap once to use Selection mode. Tap again to switch between Lasso and Rectangle modes. Draw around the content you wish to select. Depending on the selection, several options are made available to move, edit, or reshape the content.
- **Undo:** Tap to undo the last action.
- **Redo:** Tap to redo the last action.
- **S Pen (and finger) Mode:** Tap to switch between two edit modes: S Pen only and S Pen and finger.
- **More:** Tap to view more options for the note.

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Action Memos

An Action Memo is a special type of note that turns your written text into actions on your device. For example, if someone tells you the name of a restaurant, you can launch a new memo, write the name of the restaurant, and then have the memo locate it on a map.

Note: While active, an Action Memo stays on the screen for as long as you are using it, even if you press the Home key. You must tap either  **Save** or  **Discard** in order to close the memo.

To open an Action Memo:

- ▶ Launch the **Air command** menu and select  **Action Memo**.

– or –

Press and hold the S Pen button and double-tap the screen with the pen.

To link a memo to an action:

1. Write on the memo.
2. Press  **Link to actions** and select an action to perform.
3. Draw around the content you want to use for the action. The selected content is boxed and highlighted.
4. On the menu bar that appears, tap the action you want to take. Options include Phone, Contacts, Messaging, Email, Browser, Location (map), and Task.

For example, you can write a phone number, press the **Link to actions** button, and then select  **Contacts** to save the number to an existing contact or create a new contact.

Note: Action Memos are saved under **Quick Note** in the  **S Note** app.

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S Voice

Speak commands to perform operations on your device, and to speak criteria for searches and other operations.

Use S Voice to find everything from directions to trivia answers to the current weather forecast.

1. From a Home screen, tap  **Apps** >  **S Voice**.
2. Speak a command.
3. Tap the microphone icon if the device does not hear you, or to give it another command.

Tip: Tap  **More options** for example commands and to view a tutorial.

S Voice Settings

These settings allow you to modify settings associated with using S Voice.

1. From a Home screen, tap  **Apps** >  **S Voice**.
2. Tap  **More options** > **Settings**.
3. Tap an option and follow the onscreen instructions.

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Scrapbook

The Scrapbook app provides a place for you to manage the multimedia content you capture with the Scrapbooker tool.

Scrapbook provides storage and organization tools for content you capture while using your mobile device. With the Scrapbooker tool, you can capture articles, images, and even videos and music. You can then add a title, text, a handwritten memo, or content tags. When you capture content online, the web link is saved with the content.

Saving Captured Content

When you capture content with the Smart Select tool, you have the option of saving the content to the Scrapbook. For details on capturing content, see [Smart Select](#).

To save content to the Scrapbook from the Collect page:

1. Tap the  **Scrapbook** icon.
2. In the upper left, tap the drop down box to either:
 - Select an existing category.
 - Create a new category by selecting **Create category**, typing in a name for the category, selecting a layout, and tapping **Save**.
3. Tap the  **Save** icon to save the content to the Scrapbook.

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Editing the Scrapbook

Content in the Scrapbook can be edited. To open the Scrapbook:

- ▶ From a Home screen, tap  **Apps** >  **Scrapbook**.

You can edit both Categories and the content files within them.

To edit a file:

1. Tap the  **Menu** button in the top left corner.
2. Select either the category or tag that contains the file, or tap **All** to view all files.
3. Locate the file to edit and tap it to open.
4. Tap the  **Edit** icon.
5. Change the Title, Text, Memo, or Tags as desired.
When finished, tap **Save**.

To edit a Category:

1. Tap the  **Menu** button in the top left corner.
Categories and tags are listed in the menu, along with the number of content files contained.
2. Tap a category to open it.
3. Tap  **More options** > **Edit category**.
4. You can edit the Title and the Layout. Change them as desired. When finished, tap **Done**.

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Smart Remote

Smart Remote lets you control select Wi-Fi-enabled Samsung TV models using your Samsung Galaxy device. Now you can control all of your TV's settings, such as ON/OFF function, channel navigation, and volume control from the same Samsung device you already know.

1. From a Home screen, tap  **Apps** >  **Smart Remote**.
2. Follow the onscreen instructions to set up and configure your entertainment equipment.

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Video Player

Play videos stored on your device.

1. From a Home screen, tap  **Apps** >  **Video**.
2. Scroll through the videos stored on your device.
After a few seconds, each video thumbnail begins playing a preview of the clip.
3. Tap a video to view it.

Use Pop-Up Play

Multi task with Pop-Up Play—transform your video player into a pop-up window. The video will continue to play, and the pop-up window can be resized or moved anywhere on the screen.

1. From a Home screen, tap  **Apps** >  **Video**.
2. Tap a video to view it.
3. Tap  to continue playing the video in a floating window.
 - Drag the window to any location on the screen.
 - Use two fingers to pinch or spread to resize the floating window.

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Voice Recorder

Record voice memos and notes.

Create a Voice Recording

► From a Home screen, tap  **Apps** >

 **Voice Recorder.**

- Tap  **Select mode** to choose the appropriate recording mode:
 - **Normal:** Normal recording mode picks up any sounds detected by the microphones.
 - **Interview:** The top and bottom microphones are used for two-directional recording. The top and bottom of the device pick up equal amounts of sound. Sound sources can be muted during playback.

- **Meeting:** The microphones are sensitive to sound from all directions and can distinguish up to eight sources of sound. Sound sources can be muted during playback.
- **Voice memo:** Voice input is converted to text on screen. The maximum recording time is five minutes.

- Tap  **Record** to record an audio file.
- Tap  **Stop** to stop recording. The file is automatically saved.
- Tap  **Pause** to pause the recording of an audio file.
- Tap  **Cancel** to cancel the recording of an audio file.
- Tap **Block incoming calls** to prevent calls from interrupting recording.
- Tap **Bookmark** to bookmark a spot in the recording for later reference.

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View Recordings

1. From a Home screen, tap  **Apps** >  **Voice Recorder**.
2. Tap  **List** to display a list of recordings.
 - Tap  **Search** to search through available recordings.
 - Tap  **More options**:
 - **Select**: Choose desired recordings.
 - **Sort by**: Sort the list of recordings.
 - **Filter by category**: Filter entries by category.
 - **Edit categories**: Customize your categories.
 - **Settings**: Configure Voice Recorder.

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Settings

Configure your device's connections and settings, add accounts, and customize the home screen, apps, and features.

- Some options are enabled or disabled by tapping the **ON/OFF** button to turn the option  ON or  OFF.
- For some options, you must tap a field, such as **Email address**, to display and set options.

- Some options are enabled or disabled by tapping a  check box. When enabled, a check mark displays.

Accessing Settings

- ▶ From a Home screen, tap  **Apps** >  **Settings**.

– or –

From a Home screen, drag down from the Status bar to display the Notification panel, and then tap  **Settings**.

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Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features such as Wi-Fi.

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

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Airplane mode**, and then tap the **ON/OFF** switch to enable or disable the option.

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

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Wi-Fi and Wi-Fi Direct

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Communication requires access to a Wireless Access Point (WAP).

Wi-Fi Direct creates a direct connection between two or more devices using Wi-Fi.

Turning Wi-Fi On or Off

Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap the **ON/OFF** switch beside Wi-Fi to turn Wi-Fi on or off.

Scanning and Connect to a Wi-Fi Network

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap the network you want to connect to.
 - When you select an open network, you are automatically connected to the network.
 - Enter a wireless password, if necessary.

Manually Connect to a Wi-Fi Network

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi** > **Add Wi-Fi network**.

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3. Enter information about the Wi-Fi network:

- Tap **Network SSID** to enter the name of the Wi-Fi network.
- Tap the **Security field** and select a security option. This must match the current security setting on your target WAP. If secured, you will also need to enter your WAP's password.
- Tap **Show advanced options**, if you need to add advanced options such as Proxy and IP settings.

4. Tap **Connect** to store the new information and connect to your target WAP.

Wi-Fi Status Indicators

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



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



A Wi-Fi access point is available, but your device is not connected to it. 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, see [Wi-Fi Direct](#).

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Wi-Fi Settings

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

1. From a Home screen, tap  **Apps** >  **Settings**.

2. Tap **ON/OFF** to turn on Wi-Fi.

3. Tap  **More options** for options:

- **Advanced:**

- **Wi-Fi notifications:** Receive a notification when new Wireless Access Points (WAPs) are available.
- **Passpoint:** Connect to passpoint-enabled Wi-Fi Access Points automatically. Tap to enable Passpoint. Tap Passpoint to see other available Passpoint-enabled Wi-Fi APs.
- **Sort by:** Sort Wi-Fi networks by Alphabet or Signal strength.
- **Keep Wi-Fi on during sleep:** Specify when to disconnect from Wi-Fi.
- **Always allow scanning:** Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.

- **Smart network switch:** Automatically switch between mobile data and Wi-Fi to maintain a stable Internet connection.
- **Install certificates:** Install authentication certificates.
- **MAC address:** View your device's MAC address, which is required when connecting to some secured networks (not configurable).
- **IP address:** View your device's IP address (not configurable).
- **Manage networks:** Manage your saved Wi-Fi network connections.
- **WPS push button:** Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
- **WPS PIN entry:** View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).

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- **Share Wi-Fi profile:** Select the profile you would like to share.
- **Help:** Learn about setting up and using Wi-Fi networks, and other settings.

Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections via Wi-Fi, without having to connect to a Wi-Fi network.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap the **ON/OFF** switch beside Wi-Fi to turn Wi-Fi on. Wi-Fi must be on to configure settings.
3. Tap  **More options** > **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices, or you can tap **Scan** to start scanning.

4. After scanning for devices, select a device, and then follow the prompts to complete the connection.

– or –

Tap  **More options** > **Multi connect** to scan for devices that support multi connect. Select the devices and follow the prompts to establish the connections.

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Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

Note: The Bluetooth communication range is approximately 30 feet.

Turning Bluetooth On and Off

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap the **ON/OFF** switch to turn Bluetooth on or off.

Changing Your Device's Name

Device names are used to identify devices during pairing, and when using Wi-Fi Direct or other Wi-Fi based features. This is the name others will use when pairing with your device via Bluetooth.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth** >  **More options** > **Rename phone**.
3. Tap **Device name**, and use the keyboard to edit your device name.

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Making Your Device Visible to Other Bluetooth Devices

When you make your device visible, other Bluetooth can find it in a scan and initiate pairing. You can choose the length of time your device remains visible.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth** >  **More options** > **Visibility timeout**.
3. Select a time period for your device to remain visible after you turn on visibility.

Reviewing Files Received via Bluetooth

When you receive files from another device via Bluetooth, you can access them from Bluetooth settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth** >  **More options** > **Received files**.

Scan for Bluetooth Devices

When you want to pair with another Bluetooth device, you can scan for nearby devices that are visible.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap the **ON/OFF** switch to turn on Bluetooth.
3. Tap **Scan**. Nearby devices display on the screen.

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Pair Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap the **ON/OFF** switch to turn on Bluetooth.
3. Make sure that the target device is discoverable, so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
4. Tap **Scan**. Your device will start to scan for Bluetooth devices within range.
5. When you see the name of the target device displayed in the Bluetooth devices section, tap the name. Your device then automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

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.

Delete a Paired Device (Unpairing)

When you unpair from a Bluetooth device, the two devices will no longer recognize each other. To connect again, you'd need to pair the devices.

1. From a Home screen, tap  **Apps** >  **Settings** > **Bluetooth**.
2. Tap  next to the previously paired device, and then tap **Unpair** to delete the paired device.

Data Usage

Monitor your mobile data usage.

Note: Your service provider may account for data usage differently.

1. From a Home screen, tap  **Apps** >  **Settings**.

2. Tap **Data usage** for options:

- **Mobile data:** Enable mobile data. You can also control Mobile Data at the Notification panel.
- **Limit mobile data usage:** When enabled, your mobile data connection will be disabled when the specified limit is reached. Drag the red limit line to set the data usage limit.
- **Alert me about data usage:** Receive an alert when mobile data usage reaches the warning limit you set. Drag the orange warning line to set the data usage warning limit.
- **Data usage cycle:** Tap the menu, and then choose a time period for data usage. Data usage for the period displays on the graph, along with usage by application below.

3. Tap  **More options** for other options:

- **Data roaming:** Allow data roaming on your device.
- **Restrict background data:** Restrict some apps and services from working unless you are connected to a Wi-Fi network.
- **Auto sync data:** Synchronize with accounts automatically, at any time.
- **Show Wi-Fi usage:** Display a Wi-Fi tab that shows Wi-Fi usage.
- **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:** Use MB/GB units, or use only MB or GB units.
- **Help:** Find information about how to use the Data usage feature.

More Networks

The More Networks settings allow you to configure a variety of communication settings for your device.

Download Booster

Download Booster improves download speed by using both Wi-Fi and LTE networks at the same time when downloading files over 30 MB in size.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks**.
2. Tap **Download booster**, and then tap **ON/OFF** to turn Download Booster on or off.

Note: Download Booster uses mobile data services.

If you want to turn off download speed info, tap the check box next to **Do not show speed info**. Default Messaging App

Your mobile device can be equipped with more than one application for text and multimedia messaging. To select a default messaging app:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **More networks** > **Default Messaging App** to select the app to use for text and multimedia messages.

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Mobile Networks

You can control your device's access to networks and mobile data services.

Caution: Depending on your service plan, changes you make to mobile networks settings may incur extra charges. Consult Verizon Wireless for information.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks**.
2. Tap **Mobile networks** for options:
 - **Mobile data:** Enable or disable your device's connection to the mobile data network. You can also control this setting at Notifications with the Mobile data setting.
 - **Global Data Roaming Access:** Enable or disable connection to data services when your device is roaming on another network.

- **Roaming:** (Not configurable) Current roaming status.
- **Signal strength:** (Not configurable) Current signal strength.
- **Network mode:** Choose a preferred network mode.
- **Access Point Names:** Configure wireless network access.
- **Network operators:** Select a network from all available networks, to automatically select a network from your preferred networks.

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Mobile Hotspot

Use Mobile Hotspot to share your device's Internet connection with other devices using your device as a Mobile Hotspot.

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

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

Turn Mobile Wi-Fi Hotspot On or Off

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

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn Mobile Hotspot on or off.

Warning: By default, your device's Mobile Hotspot has no security applied, and any device can connect. To set a password for your Mobile Hotspot, see [Change the Mobile HotSpot Password](#).

Connect a Device to Your Mobile Hotspot

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

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn Mobile Hotspot on.

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3. Activate Wi-Fi on the target device.
4. Scan for Wi-Fi hotspots, and select the target device from the list.
5. On the target device, enter your device's Mobile Hotspot password.

Allowed Device List

Control whether devices connect to your Mobile Hotspot with the Allowed device list. After you add devices to the list, they can scan for your device and connect using your device's Mobile Hotspot name and password.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn Mobile Hotspot on.
3. Tap  **More options** > **Allowed devices**, and then tap  **Add** to enter the other device's Device name and MAC address.
4. Tap **OK** to add the device.

Change the Mobile HotSpot Password

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn Mobile Hotspot on.
3. Tap  **More options** > **Configure Hotspot**.
4. Tap the **Security** field, select **WPA2 PSK**, and enter a new password.

Turn Off Mobile Wi-Fi Hotspot Automatically

Set your device to automatically turn off Mobile Wi-Fi hotspot if there are no connected device.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn Mobile Hotspot on.
3. Tap  **More options** > **Timeout settings** and select an amount of time.

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Tethering

Use Tethering to share your device's Internet connection with a computer that connects to your device with a USB cable or by Bluetooth.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Tethering**.
2. Choose a tethering method:
 - **Mobile Broadband Connect:** Connect the computer to the device with a USB cable, and then tap **Mobile Broadband Connect** to turn tethering on.
 - **Bluetooth tethering:** Use Bluetooth to pair your device with the computer. (Consult the computer's documentation for more information about configuring your computer to pair with Bluetooth.) Tap **Bluetooth tethering** to turn tethering on.

Note: Using Mobile Broadband Connect tethering requires a subscription to Mobile Hotspot/Mobile Broadband Connect service. For information, contact Verizon Wireless.

Virtual Private Networks (VPNs)

You can set up and configure Virtual Private Networks on your device.

Note: You must set a screen lock PIN or password before setting up a VPN. For more information, see [Lock Screen](#).

Adding a VPN

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **VPN**.
2. Tap **Basic VPN** or **Advanced IPsec** and follow the prompts to set up your VPN.

Connect to a VPN

1. From a Home screen, tap  **Apps** >  **Settings** > **VPN**.
2. Tap either **Basic VPN** or **Advanced IPsec**.
3. Tap the VPN you want to connect to, enter your log in information, and tap **Connect**.

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Edit or Delete a VPN

1. From a Home screen, tap  **Apps** >  **Settings** > **VPN**.
2. Tap either **Basic VPN Or Advanced IPsec**.
3. Touch and hold the VPN that you want to edit or delete.
4. Tap either **Edit network** or **Delete network**.

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NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as Android Beam and S Beam.

To activate NFC:

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **NFC**.
2. Tap **ON/OFF** to turn NFC on.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **NFC**.

2. Tap **ON/OFF** to turn NFC on.
3. Tap **ON/OFF** to turn Android Beam on.
4. Touch the back of your device with another NFC-capable device and the content is transferred.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together.

You can beam images and videos from your Gallery, music files from your Music app, and more.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **NFC**.
2. Tap **ON/OFF** to turn NFC on.
3. Tap **ON/OFF** to turn S Beam on.
4. Touch the back of your device with another NFC-capable device and the content is transferred.

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Tap and Pay

Tap and pay allows you to select the default payment application you want to use for making on-phone purchases.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **NFC**.
2. Tap **ON/OFF** to turn NFC on.
3. Tap **Tap and pay**.
4. Select the app that you want as your default.

Nearby Devices

Share your media files with nearby devices via Wi-Fi.

Warning: If file sharing is enabled, other devices can access your data. Use this option with care.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Nearby devices**.
2. Tap **ON/OFF** to enable Nearby devices.

3. Set the following options:

- **Content to share:** Select the content to share. Choices are: Videos, Photos, and Music.
- **Allowed devices:** Indicate the devices accessible to your device.
- **Blocked devices:** Indicate the devices not accessible to your device.
- **Download to:** Set whether to download data to Device or SD card.
- **Receive files from other devices:** If a nearby device attempts to upload data, this setting indicates the response.

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Screen Mirroring

Share your device's screen with another device.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Screen Mirroring**.
2. Tap **ON/OFF** to enable Screen Mirroring. Available devices are listed.
 - Tap **Scan** to find more devices.
3. Tap a device and follow the prompts to connect.

MirrorLink

Mirror your device's display on your car's entertainment and information screen using a USB connection.

To use this feature, your car system must support MirrorLink.

To turn on MirrorLink:

1. Connect your device to your car's system using the USB cable.
2. On your device's Home screen, tap  **Apps** >  **Settings** > **More networks** > **MirrorLink**.
3. Tap **Connect to vehicle via USB**.

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Sound Settings

Configure the sounds and vibrations used to indicate notifications, screen touches, and other activities.

Change the Sound Mode

You can switch between sound modes, while preserving the individual sound settings you've made.

Tip: Sound modes are also available from the Device options menu. Press and hold the **Power/Lock** key, and then choose Mute, Vibrate, or Sound from the Device options menu.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sound** > **Sound mode**, and then choose a mode:
 - **Sound:** Your device uses the sounds, vibrations, and volume levels you've chosen in Sound settings for notifications and alerts.
 - **Vibrate:** Your device vibrates for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
 - **Mute:** Your device plays no sounds or vibrations.
Onscreen reminders will still occur.

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Adjust the Volume

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

Tip: You can also set System volume from the home screen by pressing the **Volume** key.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sound** > **Volume**, and then drag the sliders to set the default volume for:
 - Ringtone
 - Music, video, games, and other media
 - Notifications
 - System

Set the Vibration Intensity

Set the level for vibration to accompany notifications and feedback for your screen touches, also known as haptic feedback.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sound** > **Vibration intensity**, and then drag the sliders to set the vibration intensity for:
 - Incoming call
 - Notifications
 - Haptic feedback

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Select a Default Ringtone

Choose a ringtone sound.

1. From a Home screen, tap  **Apps** >  **Settings**.
 2. Tap **Sound** > **Ringtones** to choose a sound.
 3. Tap a sound to play a sample and tap **Done** to select it.
- or –
- Tap **Add** to use a use an audio file as a ringtone.

Select a Default Vibration Pattern

Choose from preset vibration patterns or create your own pattern.

1. From a Home screen, tap  **Apps** >  **Settings**.
 2. Tap **Sound** > **Vibrations**.
 3. Tap a pattern to preview it, and then tap **OK** to set it as your default vibration pattern.
- or –

Tap **Create** and follow the prompts instructions to create a new vibration pattern.

Change the Notifications Sound

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

1. From a Home screen, tap  **Apps** >  **Settings**.

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2. Tap **Sound > Notifications** to choose a sound.
 3. Tap a sound to play a sample and tap **Done** to select it.
 - or –
- Tap **Add** to use a use an audio file.

Vibrate When Ringing

Your device can vibrate in addition to ringing when you receive a call.

1. From a Home screen, tap  **Apps > Settings**.
2. Tap **Sound > Vibrate when ringing** to turn the feature on.

Play Sounds when Dialing

Play tones when you tap the screen to make selections.

1. From a Home screen, tap  **Apps > Settings**.

Tap **Sound > Touch sounds** to enable.

Play Touch Sounds

Play tones when you tap the screen to make selections.

1. From a Home screen, tap  **Apps > Settings**.
2. Tap **Sound > Touch sounds** to enable.

Set the Screen Lock Sound

Play a sound when you unlock the screen.

1. From a Home screen, tap  **Apps > Settings**.
2. Tap **Sound > Screen lock sound** to enable.

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Use Haptic Feedback

Set the device to vibrate when you tap the More options and Recent apps keys, and for certain screen interactions.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sound** > **Haptic feedback** to enable.

Set Samsung Keyboard Sounds

Set the keyboard sounds.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sound** for options:
 - **Sound when tapped:** Play a tone when you tap an onscreen key.
 - **Vibrate when tapped:** Vibrate when you tap an onscreen key.

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Display Settings

Adjust the Screen Brightness

Adjust the screen brightness to suit your surroundings, or to your personal preference. You may also want to adjust screen brightness to conserve battery power.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Brightness** for options:
 - Tap **Automatic brightness** to allow the device to adjust brightness automatically.
 - To set a custom brightness level, clear the Automatic brightness check mark and then tap and drag the **Brightness level**.

Note: You can also control Brightness from the Notification panel. Drag down the Status bar at the top of the screen to find the Brightness options.

Change the Font Style and Size

You can set the font style and size for all text that displays on the screen.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Font** to choose a Font style and Font size.
 - Tap **Font Style** > **Download** to find new fonts from the Google Play Store.

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Screen Rotation

Set the screen to rotate when the device is rotated (landscape or portrait).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Screen rotation**.
3. Tap **ON/OFF** to turn screen rotation on.

Smart Stay

Using the front camera to detect your face, the screen will not time out as long as you are facing the screen.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Smart stay** to enable.

Set the Screen Timeout Delay

Choose how long the display screen remains lit after you tap the screen or press any key.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Screen timeout**, and then choose a time period.

Select a Screen Mode

Choose a screen mode to match your type of viewing. Set your device automatically adapt the display depending on the type of image being displayed and other criteria such as battery level.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Screen mode**, and then choose a screen mode.
 - To have your device automatically optimize the display to match the type of image being displayed and other criteria, such as battery level, tap **Adaptive display**.
 - To choose a specific type of display, enable **AMOLED cinema**, **AMOLED photo**, or **Basic**.

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Auto Adjust the Screen Tone

Your device will analyze the images displayed on the screen and automatically adjusts the brightness to conserve battery power.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Auto adjust screen tone** to enable.

Daydream (Screen Saver)

The Daydream setting controls what the screen displays when the device is docked (dock not included), or while charging. You can choose to display colors, or display photos stored on your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Daydream**. Tap **ON/OFF** to turn Daydream on. Configure options:
 - **Colors:** Tap the selector to display a changing screen of colors.
 - **Flipboard:** Display pictures from Flipboard. Tap  **Settings** for options.

- **Google Photos:** Display pictures from your Google Photos account. Tap  **Settings** for options.
- **Photo frame:** Display pictures in a photo frame. Tap  **Settings** for options.
- **Photo table:** Display pictures in a photo table. Tap  **Settings** for options.
- Tap **Preview** to see a demonstration of Daydream.
- Tap **Select when to daydream** and choose **While docked**, **While charging**, or **Both**.

Configure the LED Indicator

Select which functions (such as charging or low battery) the LED indicator on the front of the device will display.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **LED indicator** to enable this feature.

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Set the Touch Key Light Duration

Set the length of time the  **Recent apps key** and  **Back key** remain lit after you tap them.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Touch key light duration** to choose a timeout period.

Increase the Touch Sensitivity of the Screen

Increase the sensitivity of the touch screen to improve results when wearing gloves.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Increase touch sensitivity** to enable.

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Wallpaper

Change the look of the home and lock screens with wallpaper.

You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wallpaper**.
3. Tap **Home screen**, **Lock screen**, or **Home and lock screens**.
4. Tap an image to preview it and then tap **Set as wallpaper**.
 - Tap **From gallery** for additional wallpapers.

For more information, see [Change the Wallpaper](#).

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Lock Screen

Choose a method for unlocking your screen. Different Screen Locks have different levels of security and options.

Set a Screen Lock

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Lock screen** > **Screen lock** to select a screen lock and level of security:
 - **Swipe**: Swipe the screen to unlock it. This option provides no security.
 - **Pattern**: A screen unlock pattern is a tap gesture you create and use to unlock your device. This option provides medium security.
 - **PIN**: Select a PIN to use for unlocking the screen. This option provides medium to high security.

- **Password**: Create a password for unlocking the screen. This option provides high security.
- **Fingerprint**: Use fingerprint recognition to unlock the screen. This option provides medium to high security.
- **None**: Never lock the screen.

Screen Lock Options

Swipe Only

- **Unlock effect**: Set the visual effect used when unlocking the screen.

Pattern Only

- **Pattern type**: Select a pattern type.
- **Make pattern visible**: See the pattern as you draw it.
- **Vibration feedback**: Vibrate when the unlock pattern is entered incorrectly.

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All Screen Locks

- **Show information:** Choose options to display information on the Lock screen.
 - **Show clock and date:** Display the time and date on the Lock screen.
 - **Dual clock:** Display a dual clock on your Lock screen when roaming.
 - **Clock size:** Adjust the size of the clock on your Lock screen.
 - **Owner information:** Show owner information on the lock screen.
 - **Help text:** Show help information on unlocking the screen on the Lock screen.
- **Camera shortcut:** Display a camera shortcut on your Lock screen.
- **Action memo on lock screen:** Enable action memos using the S Pen while in a Lock screen.

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Multi Window Settings

Turn on the Multi window feature.

To activate Multi window:

1. From a Home screen, tap  **Apps** >  **Settings** > **Multi window**.
2. Tap **ON/OFF** to enable. The following options are available:
 - **Open in split screen view:** Open content in split screen view automatically when another application is in full screen view.
 - **Pop-up view shortcut:** Change to pop-up view by swiping down diagonally from either corner at the top of the screen.

For more information, see [Multi Window](#).

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Notification Panel

Customize which Quick setting buttons appear on the Notification Panel. You can also customize which apps appear on the Recommended applications menu on the Notification Panel when you perform certain actions, such as plugging in earphones.

1. From a Home screen, tap  **Apps** >  **Settings** > **Notification panel**.
– or –
From the Notification panel, tap  **View all** >  **Edit**.
2. To customize which quick setting buttons appear at the top of the Notification Panel, tap and drag buttons to reorder them.
3. Tap  **Reset** to use the default layout.

For more information on the Notification panel:

- Tap  **More options** > **Help**.

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Edge Screen Settings

Manage the panels that display on the Edge screen, including your own custom panels, and set up night mode.

- From a Home screen, tap  **Apps** >  **Settings** > **Edge screen**.

– or –

Swipe upward on the Edge screen and then tap  **Settings**.

Manage panels

Check the panels that you want to display on the Edge screen. Touch and hold, and then drag to move panels to reorder them.

- From a Home screen, tap  **Apps** >  **Settings** > **Edge screen** > **Manage panels**.

- Tap  **Edit** at the bottom of a panel to edit that panel.
- Tap  **Download** to find new panels.

Express me

1. From a Home screen, tap  **Apps** >  **Settings** > **Edge screen** > **Manage panels**.
2. Tap  **Create new** to launch the Gallery app and create a new Edge screen panel.
 - Tap  to activate a panel.
 - Tap  **Delete** to remove unwanted panels.

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Edge screen display

To configure display options:

1. From a Home screen, tap  **Apps** >  **Settings** > **Edge screen** > **Edge screen display**.
2. Tap the options to configure:
 - **Screen timeout:** Select a length of time for your screen timeout.
 - **Information stream:** Select which notifications are shown on the Information stream panel.
 - **Feeds:** Choose and customize feeds to display on your Edge screen.

Night clock

Set up a clock that displays when the phone screen is off. Night mode is available for a maximum of 12 hours.

1. Tap **ON/OFF** to enable Night mode.
2. Tap **Set start time** and **Set end time** to set the duration of the night mode.

Personal Message

Type a personal message to display on the Edge screen.

1. From a Home screen, tap  **Apps** >  **Settings** > **Edge screen** > **Personal message**.
2. Type the message you want to display.
3. Tap **OK**.

Rotate 180°

You can set the Edge screen to rotate when the device is rotated 180°.

1. From a Home screen, tap  **Apps** >  **Settings** > **Edge screen**.
2. Tap **Rotate 180°** to enable this feature.

For more information, tap  **More options** > **Help**.

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One-Handed Operation

Change the screen layout to accommodate operating your device with one hand.

To enable One-handed operation features:

1. From a Home screen, tap  **Apps** >
 **Settings** > **One-handed operation**.
2. Tap any of the following features and tap the **ON/OFF** button for each to turn it on or off:
 - **Reduce screen size:** Reduce the screen size so that you can reach all parts of the screen with one hand.

- **One-handed input:** Adjust the size and position of the dialing keypad, in-call buttons, Samsung keyboard, Calculator, and unlock pattern (if configured).
- **Side key panel:** Activate a panel of buttons that includes the **Home** key, **Recent apps**, and **Back** key. The panel appears at the side of the screen. When enabled, you can customize the transparency, minimize behavior, and keys that appear on the panel.

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Storage

View the device memory and usage, or mount, unmount, or format an optional memory card (not included).

Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage**.
 - The Device memory displays as Total space, Cached data, Miscellaneous files, and Available space.
 - The amount of memory used by applications, pictures and videos, audio, and downloads is also displayed.

To increase available memory:

1. Tap **Cached data** to clear all cached data for all apps.
2. Tap **Miscellaneous files**, select unnecessary files (or tap **Select all**), and then tap  **Delete**.

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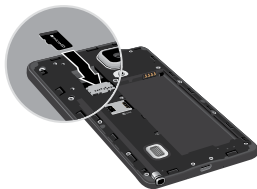
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Memory Card (SD Card)

Once a memory card (not included) has been installed in your device, the card memory displays as Total space and Available space.

Install a Memory Card

You can use a microSD or microSDHC card (not included) to add additional memory space to your device.



1. Open the microSD card slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot.
3. Close the microSD card slot cover.

Mount a Memory Card

When you install a memory card (not included), it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you will need to mount it before it can be accessed.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Mount SD card**.

Unmount an SD Card

To prevent damage to information stored on the memory card, always unmount the card before removing it from the device.

Unmounting an SD card may stop some applications from functioning until you mount the SD card again.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Unmount SD card**.

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Remove a Memory Card

Warning: To prevent damage to information stored on the memory card (not included), unmount the card before removing it from the device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Unmount SD card**.
3. Open the memory card slot cover and turn to expose the slot.
4. Gently pull the card out.
5. Close the memory card slot cover.

Formatting a Memory Card

Warning: When formatting an memory card (not included), you will want to backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Format SD card** and follow the prompts.

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Battery

View how battery power is used for device activities.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Battery** for options:
 - **Fast charging:** Enable this option to charge your battery faster.
 - **Show battery percentage:** Display the battery charge percentage next to the battery icon on the Status bar.

- **Charging status:** Display the current charging status as a percentage (or “Not charging” if the device is not currently being charged).
- **Battery Chart:** Display the amount of time the battery has been used.
- **Apps and OS Usage:** Battery usage displays in percentages per application.
 - Tap **Screen, Android System, Android OS**, or an app to view they are affecting battery use.
- Tap  **Refresh** to update the listing.

Note: Other applications may be running that affect battery use.

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Power Saving Mode

Conserve battery power by automatically adjusting the screen brightness, limiting the performance of the CPU, and other power reduction activities.

Ultra power saving mode saves even more battery power by using a gray scale theme to your home screen and limiting the number of usable apps.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Power saving** for options:
 - **Power saving mode:** Tap **ON/OFF** to enable, and view options.
 - **Ultra power saving mode:** Tap **ON/OFF** to enable, and view options.

To turn off Ultra power saving mode:

1. Swipe downward from the top of the screen to display the Notification Panel.
2. Tap **Turn off Ultra power saving mode**.

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Application Manager and Default Applications

Use the Application manager to manage the system requirements of your applications. You can also configure your Default application settings.

Application Manager

You can download and install new applications on your device. Use the Application manager to configure your downloaded and preloaded applications.

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

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Applications** > **Application manager**.
3. Tap **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** tabs to display memory usage for that category of applications.

The graph at the bottom of the DOWNLOADED tab shows used and free device memory. The graph at the bottom of the RUNNING tab shows used and free RAM.

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Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, tap  **Apps** >  **Settings** > **Applications** > **Application manager**.

2. Tap **DOWNLOADED** to view a list of all the downloaded applications on your device.

- To switch the order of the DOWNLOADED list, tap  **More options** > **Sort by size** or **Sort by date**.

- To reset your application preferences, tap  **More options** > **Reset app preferences**.

- To uninstall multiple applications, tap  **More options** > **Uninstall multiple**.

3. Tap an application to view and update information about the application, including memory usage, default settings, and permissions.

- **Force stop:** Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
- **Uninstall:** Delete the application from the device.

- **Move to SD card:** Move this app to your microSD card.
- **Clear data:** Clear application data from memory.
- **Clear cache:** Clear an application's temporary memory storage.
- **Clear defaults:** Clear an application's customization.
- **Permissions:** View information about the application's access to your device and data.

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SD Card

Displays apps you have downloaded onto your memory card (not included).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Applications** > **Application manager**.
3. Tap **SD CARD** to view a list of all the downloaded applications on your device.
 - To switch the order of the SD CARD list, tap  **More options** > **Sort by size** or **Sort by date**.
 - To reset your application preferences, tap  **More options** > **Reset app preferences**.
(When you Reset app preferences, you will not lose any app data.)
4. Tap an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Applications** > **Application manager**.
3. Tap **RUNNING**.
4. Tap **Show cached processes** to display all the cached processes that are running. Tap **Show services in use** to switch back.
5. Tap one of the applications to view application information. (Options vary by application.)
 - **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.
 - **Report**: Report failure and other application information.

Warning: Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

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Default Applications

Set and manage your default applications.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Applications** > **Default applications**.
3. Tap Home and select a Home screen mode:
 - **TouchWiz easy home:** Provides an easier user experience for the first-time smartphone user.
 - **TouchWiz home:** The Home screen that originally displays on your phone.
4. Tap **Messages** and select a default messaging app.
5. To clear defaults you have set up, tap **Clear**.

Applications Settings Shortcuts

Shortcuts to the settings for various apps are available in one convenient location.

To quickly access the settings for Calendar, Contacts, Email, Gallery, Internet, or S Voice:

1. From a Home screen, tap  **Apps** >  **Settings** > **Applications**.
2. Tap one of the following to display the settings for the selected app:
 - **Calendar:** See [Calendar Settings](#).
 - **Call:** See [Call Settings](#).
 - **Contacts:** See [Contact Settings](#).
 - **Email:** See [Email Settings](#).
 - **Gallery:** See [Gallery Settings](#).
 - **Internet:** See [Internet Settings](#).
 - **Messages:** See [Messages Settings](#).
 - **S Voice:** See [S Voice Settings](#).

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Easy Mode

Switch between the default screen layout and a simpler layout. The Easy Mode layout has larger text and icons, making for a more straightforward visual experience.

To enable Easy Mode:

1. From a Home screen, tap  **Apps** >  **Settings** > **Easy mode**.
2. Tap **Easy mode** to enable this feature.
3. When Easy mode is enabled, you can scroll down the page and select which apps you want to appear on the Home screens. Tap the check box next to the apps you want to add or remove.
4. When finished, tap **Done**.

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Blocking Mode

Turn off notifications for selected features.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Blocking mode**. Tap **ON/OFF** to enable.

3. Configure options:

- Tap **Block incoming calls** to block incoming calls.
- Tap **Turn off notifications** to block all notifications.
- Tap **Turn off alarm** to block all alarms.
- The Set time option allows you to set Blocking mode for a specific time range or always.
 - Tap the **Always** field to disable it and configure the **From** and **To** time fields.
- The Allowed contacts options allows you to choose which calls to allow while in Block incoming calls mode.
 - Select from **Allowed contacts**, **Allowed contact list**, and **Allowed contact groups** to customize.

Note: When Blocking Mode is enabled,  displays in the Status Bar.

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Private Mode

Hide personal content from being accessed by anyone else using your device. Private mode is only available for certain applications.

Note: A secure screen lock (Pattern, PIN, Fingerprint, or Password) is required to use Private Mode.

Set Up Private Mode

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Private mode**.
3. Follow the prompts to learn about and set up Private mode.

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Location Services

Some apps, such as Google maps, may require one or more location services be turned on for full functionality.

Location Services

1. From a Home screen, tap  **Apps** >  **Settings** > **Location**.
2. Tap **ON/OFF** to enable Location services.
3. Tap **Mode** to select how your location is determined:
 - **High accuracy:** Use GPS, Wi-Fi, and mobile networks.
 - **Power saving:** Use Wi-Fi and mobile networks (no GPS).

- **GPS only:** Use GPS only.
 - Apps that have requested your location are listed under Recent location requests. Tap an entry to view its settings.

Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, tap  **Apps** >  **Settings** > **Location**.
2. Tap **ON/OFF** to enable Location services.
3. Tap an entry to view the app settings.

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Location Reporting

Google uses Location Reporting to store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

1. From a Home screen, tap  **Apps** >  **Settings** > **Location**.
2. Tap **ON/OFF** to enable Location services.
3. Tap **Google Location Reporting** for options:
 - **Location Reporting:** Allow Google apps to use your device's most recent location data.
 - **Location History:** Allow Google to store a history of your location data. Tap **DELETE LOCATION HISTORY** to permanently delete your location history.

My Places

You can save your favorite locations for use with services that require location information. This information can improve your search results and other location-related activities.

1. From a Home screen, tap  **Apps** >  **Settings** > **Location**.
2. Tap **ON/OFF** to enable Location services.
3. Tap **My places**.
4. Tap a category to add a location:
 - Tap  **Add** to add additional categories.
 - Tap  **More options** > **Delete** to delete a custom category. (Home, Work, Car, School, and Gym cannot be deleted.)

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Security

Secure your device and protect your data with Security settings.

Device Administration

Manage your device administrators and application installation privileges.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for options:
 - Device administrators: Add or remove device administrators.
 - Unknown sources: Enable installation of non-Google Play apps.
 - Verify apps: Block or warn before installing apps that may cause harm.

Warning! Enabling installation of third-party applications can cause your device and personal data to be more vulnerable to attacks by unknown sources.

Encrypt Your Data

Require a numeric PIN or password to decrypt your device each time you power it on or encrypt the data on a memory card (not included) each time it is connected.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for options:
 - Tap **Encrypt device** and follow the prompts to encrypt all data on your device.
 - Tap **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Note: Make sure your battery is charged more than 80 percent. Encryption takes an hour or more.

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Locate a Lost Device

Protect your device from loss or theft by allowing your device to be locked, tracked, and for your data to be deleted remotely.

Note: You must sign up for a [Samsung account](#) and enable [Google location service](#) to use [Remote controls](#).

1. From a Home screen, tap  **Apps** >  **Settings** > **Security**.
2. Tap **Remote controls** and tap **ON/OFF** to enable.
3. Tap **SIM change alert** to set up an alert when a different, unregistered SIM is activated on the device.
4. Tap **Go to website** to manage your Find My Mobile account.
5. To prevent your device from being reactivated after being reset, tap **Reactivation lock**.

Finding Your Phone

To access your device remotely, visit findmymobile.samsung.com.

Lock Your SIM Card

Prevent another user from accessing information stored on your SIM card by requiring a PIN (Personal Identification Number) code.

Your device will ask for a PIN number each time you access data stored on the SIM card.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** > **Set up SIM card lock**.
3. Tap **Lock SIM card** and enter a PIN code.
 - Tap **Change SIM PIN** to use a different PIN.

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** > **Make passwords visible** to enable.

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Security Update Service

Automatically receive security updates.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for options:
 - **Security policy updates:** Automatically or manually check for security policy updates.
 - **Send security reports:** Send security reports to Samsung via Wi-Fi for threat analysis.

Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for options:
 - **Storage type:** Select a storage location for credential contents.
 - **Trusted credentials:** Display certificates in your device's ROM and other certificates you have installed.
 - **Install from device storage:** Install a new certificate from storage.
 - **Clear credentials:** Erase the credential contents from the device and reset the password.

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Finger Scanner

Use fingerprint recognition as an alternative to entering passwords in certain apps.

You can also use your fingerprint to verify your identity when logging in to your Samsung account.

Register a Fingerprint

You can register up to 3 fingerprints. A password will also set up as an alternative to your fingerprint.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Finger Scanner** > **Fingerprint manager**.
 - Follow the instructions to register a fingerprint and password.
 - To rename a fingerprint, touch and hold the fingerprint, and then tap .
 - To delete a fingerprint, touch and hold the fingerprint, and then tap .

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Change Your Alternative Password

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Finger Scanner** > **Change alternative password**.
3. Enter your fingerprint or password.

Additional Settings

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Finger Scanner** for options.
 - **Screen lock:** Change your Screen lock and access Screen lock settings. For more information, see [Lock Screen](#).
 - **Web sign-in:** Sign in to websites by placing any of your registered fingers over the Home key.
 - **Verify Samsung account:** Verify your identity using your fingerprint when logging in to your Samsung account.
 - **Pay with PayPal:** Link your PayPal account to your device to make faster and more secure PayPal payments using any of your registered fingerprints.

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Language and Input Devices

Configure your device's language and input device settings.

Set Your Default Language

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Language**.
3. Select a language from the list.

Select Your Default Keyboard or Input Method

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Default** and select a keyboard.

Note: Additional keyboards can be downloaded from the Google Play Store.

Samsung Keyboard Settings

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input**.
3. Tap  next to Samsung keyboard for options:
 - **Select input languages:** Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.
 - **Predictive text:** Allow Predictive text to suggest words matching your text entries, and, optionally, complete common words automatically. Predictive text can learn your personal writing style from your Contacts, Gmail, and social networking sites—improving its accuracy of predicting your text entries.
 - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.

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Swype Keyboard Settings

Configure options for using the Swype keyboard.

1. From Home, tap  **Apps** >  **Settings**.
2. Tap **Language and input**.
3. Tap  next to Swype for options:
 - **Settings:** Configure basic options.
 - **Themes:** Change the keyboard layout.
 - **My Words:** Manage your personal dictionary, new word updates, as well as how Swype can learn from your writing style in various apps.
 - **Languages:** Set the current language. Additional languages can be downloaded.
 - **Gestures:** Learn about using Swype gestures.
 - **Help:** View information on using Swype.

Google Voice Typing Settings

Speak rather than type your text entries using Google Voice Typing.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input**.
3. Tap the check box next to Google voice typing to enable it.
4. Tap  next to Google voice typing for options:
 - **Choose input languages:** Select languages for Google voice typing.
 - **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, allowing you to use voice input while not connected to the network.

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Handwriting Recognition Language

Handwriting can be recognized in S Note and Action Memo. Use this option to select a language that will be used by the device to recognize your handwriting.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input**.
3. Under HANDWRITING RECOGNITION, tap **Language**.
4. Tap **More languages** to select a new language.

Voice Search

Use Google voice recognition to perform Google searches.

To perform a voice search, tap  in the Google search bar or widget. Or say “**OK Google**” to launch a Google search (if the hotword detection option is enabled).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Voice search** for options.
3. Tap “Ok Google” Detection to launch a Google search whenever you say “Ok Google.”
4. Additional options include selecting a default language, blocking offensive words, and more.

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Text-To-Speech Options

Configure your text-to-speech options.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Text-to-speech options**:
 - Select between the Samsung and Google text-to-speech engines. Tap  next to each TTS engine for options.
 - **Speech rate**: Set the speed at which the text is spoken.
 - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).
 - **Default language status**: Display the default language in use.

Read New Notifications Aloud

Set the device to read new notifications aloud for incoming calls, messages, and emails, as well as caller or sender information.

1. From a Home screen, tap  **Apps** >  **Settings** > **General** tab.
2. Tap **Language and input** > **Read notifications aloud**.
3. Touch **ON/OFF** to enable each option.

Mouse/Trackpad Settings

Configure settings for using an optional mouse or trackpad (not included).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Pointer speed**, to set the speed of the pointer.

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Backup and Reset

Back up your data to Google servers. You can also reset your device to its factory defaults.

Backup and Restore

Enable backup of your information to Google servers.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** for options:
 - **Back up my data:** Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
 - **Backup account:** Select a Google account to be used as your backup account.
 - **Automatic restore:** Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

Factory Data Reset

Return your device to its factory defaults.

Warning: This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** > **Factory data reset**.
3. Tap **Reset device** and follow the prompts to perform the reset.

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Reset Your System Settings

Reset your system settings back to their defaults.

Warning: This action returns your device to its factory default settings. This will not affect your downloaded apps, personal data, your security settings, language settings, account settings, or your default application settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** > **Reset settings**.
3. Tap **Reset settings** and follow the prompts to perform the reset.

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Motions and Gestures

Control certain device actions by touching the screen with the palm of your hand.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Motions and gestures**.
3. Tap **ON/OFF** to enable each of the following:
 - **Direct call:** Call the contact whose call log, message, or contact details are currently on the screen by bringing the device close to your ear.
 - **Smart alert:** Your device will vibrate when you pick it up to notify you about missed calls and messages.
 - **Mute/pause:** Mute incoming calls, alarms, and pause media by turning the device over or by covering the screen with your hand. You can also use Smart pause, which pauses video playback when you look away from the screen.

- **Palm swipe to capture:** Create a copy of the current screen by swiping the side of your hand across the screen. The screenshot is saved to the clipboard and to the Screenshots folder in the Gallery app.

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S Pen

Configure options and settings for the S Pen.

Air Command

The Air Command menu provides quick access to S Pen applications from any screen. The settings page allows you to either enable or disable the Air Command menu.

To enable or disable the Air Command menu:

1. From a Home screen, tap  **Apps** >  **Settings** > **S Pen** > **Air Command**.
2. Tap the **ON/OFF** button to either enable or disable the Air Command menu.

Air View

Preview information, extend text, or enlarge pictures by hovering your finger over the screen.

1. From a Home screen, tap  **Apps** >  **Settings** > **S Pen**.
2. Tap **Air view**.
3. Tap **ON/OFF** to turn the feature on.
4. Configure options for Air View.

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S Pen Settings

To configure settings for the S Pen:

1. From a Home screen, tap  **Apps** >  **Settings** > **S Pen**.

2. Configure any of the following settings:

- **Pointer:** Turn the pointer on or off. The pointer appears on the screen when the tip of the S Pen is hovering close enough. Holding the pointer over some features can reveal what an item is or what it does.
- **Direct pen input:** Turn the Direct pen input feature on or off. This feature allows you to switch from the keyboard to the S Pen when filling in form fields.
- **S Pen alerts:** Tap the check box to set your device to sound an alert and show a pop-up if you forget to attach the S Pen and walk away from it with your device.
- **Turn off pen detection:** Turn off pen detection when the S Pen is attached. This can help extend battery life.

- **S Pen sound:** Configure options to enable sounds when using the S Pen.
- **S Pen vibration:** Activate vibration feedback when using the S Pen.
- **Detachment options:** Select an action for the device to take when the S Pen is detached from the device.
- **Attach/detach sound:** Select a sound for the device to make when the S Pen is detached from the device.
- **Attach/detach vibration:** Activate vibration feedback when the S Pen is attached and detached.

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Accounts

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

Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Add an Account

1. From a Home screen, tap  **Apps** >  **Settings** > **Accounts**.
2. Tap **Add account**.
3. Tap an account type.
4. Follow the prompts to enter your credentials and set up the account.

Synchronize Accounts

1. From a Home screen, tap  **Apps** >  **Settings** > **Accounts**.
2. Tap an account type.
3. Tap an account to view the sync settings for that account.
 - Check individual data items to sync.
 - Tap  **Sync** to synchronize the account.

Delete an Account

1. From a Home screen, tap  **Apps** >  **Settings** > **Accounts**.
2. Tap an account type.
3. Tap the account, and then tap  **More options** > **Remove account**.

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Date and Time Settings

By default, your device receives date and time information from the wireless network.

When you are outside network coverage, you may want to set date and time information manually using the Date and time settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Date and time**.
3. Set the date, time, time zone, time format, and date format.

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Accessibility

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

Note: You can download additional accessibility applications from the Google Play Store.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Accessibility** for options:

Vision

- **TalkBack:** Speak feedback aloud to help blind and low-vision users.
 - TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
- **Dark screen:** Keep the screen turned off at all times for privacy.

- **Rapid key input:** Release your finger to enter selection instead of double tapping.
- **Speak passwords:** Read the characters aloud as you enter your passwords.
- **Font size:** Set the font size.
- **Magnification gestures:** Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Hover zoom:** Magnify content by hovering your pen over it.
- **Notification reminder:** Play a beep when a notification has been missed.
- **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. Tap **Color adjustment** for options.

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- **Accessibility shortcut:** Quickly enable accessibility features in two quick steps.
- **Text-to-speech options:** Set your preferred TTS engine and options. For more information, see [Text-To-Speech Options](#).

Hearing

- **Flash notification:** Set your camera light to blink whenever you receive a notification.
- **Turn off all sounds:** Turn off all sounds including receiver voice.
- **Hearing aids:** Improve the sound quality for use with hearing aids.
- **Samsung subtitles (CC):** Use Samsung subtitles with multimedia files when available. Tap **Samsung subtitles (CC)** for options.
- **Google subtitles (CC):** Use Google subtitles with multimedia files when available. Tap **Google subtitles (CC)** for options.
- **Sound balance:** Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio:** Switch audio from stereo to mono for use with one earphone.

- **Sound detectors:** Receive alerts when the phone detects the doorbell or a baby crying.
- **Auto haptic:** The device will vibrate in time to the sound when listening to music, watching videos, or playing games. It will also vibrate when buttons are tapped in supported apps. This may consume battery power, and not all applications will support this feature.

Dexterity and Interaction

- **Assistant menu:** Improve the device accessibility for users with reduced dexterity.
- **Air wake up:** Wake up your device by waving your hand over the sensor.
- **Touch and hold delay:** Select a time interval for this tap gesture.
- **Interaction control:** Enable motions and screen timeout. You can also block areas of the screen from tap interaction.

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More Settings

- **Direct Access:** Open your accessibility settings by pressing the Home Key three times in quick succession.
- **Answering/ending calls:** Select alternative methods to answer and end calls.
- **Single tap mode:** Tap to stop/snooze alarms and calendar events.
- **Manage accessibility:** Export your accessibility settings and share them with another device.

Services

Additional accessibility apps may be downloaded from the Google Play Store. Certain accessibility services you install may be configured here.

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Safety Assistance

Receive real-time information about emergencies and severe weather conditions.

You can also enable Emergency mode, a power-conserving mode that restricts certain apps and functions while allowing access to Messages, Contacts, and emergency calls.

Emergency Mode

Use Emergency mode to conserve battery power during emergencies. Power-hungry apps and functions are disabled, but you are still able to send messages, use Contacts, and make emergency calls.

1. From a Home screen, tap  **Apps** >  **Settings**. > **Safety Assistance**.
2. Tap **Emergency mode**.
3. Tap **ON/OFF** to turn the feature on.

Geo News

Receive information about weather, environmental situations, and geological information for your location during emergencies.

1. From a Home screen, tap  **Apps** >  **Settings** > **Safety Assistance**.
2. Tap **Geo News**.
3. Tap **ON/OFF** to turn the feature on.
 - Tap **Geo News notification pop-ups** to receive pop-up alerts.

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Send Help Messages

Send a quick alert to your primary contacts when you are in an emergency situation.

To enable this feature:

1. From a Home screen, tap  **Apps** >  **Settings** > **Safety Assistance**.
2. Tap **Send help messages**.
3. Tap **ON/OFF** to turn the feature on.
 - Tap **Send pictures** to send photos taken with the front and back cameras to your emergency contacts.
 - Tap **Send sound recording** to send a short audio message to your emergency contacts.

To send a help messages:

- ▶ Press the **Power/Lock** key quickly three times.

Manage Emergency Contacts

Select contacts or create new ones to be your emergency contacts. These contacts automatically receive your help message.

1. From a Home screen, tap  **Apps** >  **Settings** > **Safety Assistance**.
2. Tap **Manage emergency contacts**.
 - Tap **Create emergency contact**:
 - Tap **Create contact** to enter a name and phone number for a new emergency contact.
 - Tap **Select from contacts** to designate a contact to be an emergency contact.

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Accessories

Configure options when using HDMI audio devices (not included) or using a book cover (not included).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Accessories** for options:
 - **Dock sound:** Play sounds when inserting and removing phone from dock.
 - **Audio output:** Select a sound output format to use when connecting your device to HDMI devices (not included). Some devices may not support the surround sound setting.

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Printing

*Print to Samsung and other printers
(not included).*

1. From a Home screen, tap  **Apps** >  **Settings** > **Printing**.
2. Tap a print service and follow the prompts.

Note: Tap **Download plug-in** to install additional print service drivers.

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Help

View tips and guidelines for using your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Help** for information about new features, applications, settings, and so on.

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About Phone

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

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **About phone**, and then tap items for more details:
 - **Icon glossary:** View information about the status icons and notification icons used on the Status bar.

- **Status:** View the status of the battery, network, and other information.
- **Legal information:** Display open source licenses, Google legal information, and Samsung legal information.
- **Phone name:** View and change your device's name.
- Additional device information includes the Model number, Android version, Kernel version, Build number, SE for Android status, Hardware version, Security software version, and more.

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System Updates

Use System updates to update your device's software.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **System updates**.
3. Tap **Check for new system update** to check for available software updates to download and install.

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**M O B I L E
P H O N E**

**Health and Safety and Warranty
Guide**

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

GH68-42296T

Important information about your phone/
device/tablet can be accessed in writing
on the mobile device or on
samsung.com.

**Read this information before using your
mobile device.**

The complete Health and Safety and
Warranty document can be found on
www.samsung.com.

Samsung Limited Warranty - This product
is covered under the applicable
Samsung Limited Warranty. Full written
terms and detailed information about the
warranty and obtaining service are
available on the device at: Settings →
About device → Legal Information →
Samsung legal or at samsung.com.

Location of Legal Information on device:

Health and Safety Information

- Settings → About device → Legal
information → Samsung legal →
Health and Safety

Warranty

- Settings → About device → Legal
information → Samsung legal →
Warranty

EULA

- Settings → About device → Legal information → Samsung legal → End User License Agreement

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SPECIAL OR CONSEQUENTIAL DAMAGES,
OR LOSS OF ANTICIPATED PROFITS OR
BENEFITS.

Modification of Software

SAMSUNG IS NOT LIABLE FOR
PERFORMANCE ISSUES OR
INCOMPATIBILITIES CAUSED BY YOUR
EDITING OF REGISTRY SETTINGS, OR
YOUR MODIFICATION OF OPERATING
SYSTEM SOFTWARE.

USING CUSTOM OPERATING SYSTEM
SOFTWARE MAY CAUSE YOUR DEVICE
AND APPLICATIONS TO WORK
IMPROPERLY. YOUR CARRIER MAY NOT
PERMIT USERS TO DOWNLOAD CERTAIN
SOFTWARE, SUCH AS CUSTOM OS.

IF YOUR CARRIER PROHIBITS THIS, IF
YOU ATTEMPT TO DOWNLOAD
SOFTWARE ONTO THE DEVICE WITHOUT
AUTHORIZATION, YOU WILL BE NOTIFIED
ON THE SCREEN THAT THE DEVICE WILL
NO LONGER OPERATE AND BE
INSTRUCTED TO POWER DOWN THE
DEVICE. YOU MUST THEN CONTACT

YOUR CARRIER TO RESTORE THE DEVICE
TO THE CARRIER AUTHORIZED
SETTINGS.

SAFE™ (Samsung For Enterprise)

SAFE™: "SAFE™" (Samsung For Enterprise) is a mark for a Samsung device which has been tested against Samsung's own internal criteria for interoperability with certain third party security-related solutions for MDM and VPN. The testing includes field testing with local network connection and menu tree testing which tests functionality of the solutions in conjunction with the Samsung device. During the testing, the device is tested with the security solutions to see if the solutions work with the device as described by the third party security solution providers. The testing, for example, includes field testing with local network connection and menu tree testing which tests functionality of the solutions in conjunction with the Samsung device. For more information about Samsung's SAFE™ program, please refer to www.samsung.com/us/safe.

Disclaimer of Warranties: EXCEPT AS
OTHERWISE PROVIDED IN THEIR

STANDARD END USER LICENSE AND WARRANTY, TO THE FULL EXTENT PERMITTED BY LAW SAMSUNG ELECTRONICS CO., LTD., SAMSUNG TELECOMMUNICATIONS AMERICA, LLC, AND THEIR AFFILIATES (COLLECTIVELY REFERRED TO HEREIN AS THE "SAMSUNG ENTITIES") EXPRESSLY DISCLAIM ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, INTEROPERABILITY OR NON-INFRINGEMENT, WITH RESPECT TO INFORMATION TECHNOLOGY SECURITY PROTECTION, SAFE™ DEVICES AND APPLICATIONS TESTED WITH SAFE™ DEVICES. IN NO EVENT SHALL THE SAMSUNG ENTITIES BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER WITH RESPECT TO INFORMATION TECHNOLOGY SECURITY PROTECTION, SAFE™ DEVICES OR APPLICATIONS TESTED WITH SAFE™ DEVICES. In addition, information technology security protection will be affected by features or functionality associated with, among other things the e-mail platform, master

data management, and virtual private network solutions selected by the software provider, solution provider or user. Choice of an e-mail, master data management, and virtual private network solution is at the sole discretion of the software provider, solution provider or user and any associated effect on information technology security protection is solely the responsibility of the software provider, solution provider or user. For complete statement of limited warranty, please refer to www.samsung.com/us/safe, available on the web and where Samsung smartphones and mobile devices are sold. [091714]

**Samsung
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Do you have questions about your Samsung Mobile Device?
For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at:
www.samsung.com/us/support

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Section 1: Health and Safety Information

This section outlines the safety precautions associated with using your phone. The terms “mobile device” or “cell phone” are used in this section to refer to your phone. **Read this information before using your mobile device.**

This device is capable of operating in Wi-Fi™ mode in the 2.4 and 5 GHz bands. The FCC requires that devices operating within 5.15-5.25 GHz may only be used indoors, not outside, in order to avoid interference with Mobile Satellite Services (MSS). Therefore, this device is restricted from being used outdoors when operating in frequencies between 5.15-5.25 GHz.

Specific Absorption Rate (SAR) Certification Information

Your wireless device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF)

energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum reported value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the device.

Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body-worn operation, this device has been tested

and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

This device has a FCC ID number: A3LSMN915V [Model Number: SM-N915V] and the specific SAR levels for this device can be found at the following FCC website: www.fcc.gov/oet/ea/.

The SAR information for this device can also be found on Samsung's website: www.samsung.com/sar.

SAR information on this and other model devices can be accessed online on the FCC's website through <http://transition.fcc.gov/oet/rfsafety/sar.html>.

To find information that pertains to a particular model, this site uses the device FCC ID number which is usually printed somewhere on the case of the device. Sometimes it may be necessary

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

Commercial Mobile Alerting System (CMAS)

This device is designed to receive Wireless Emergency Alerts from CMAS. If your wireless provider has chosen to participate in CMAS, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

GPS & AGPS

Certain Samsung mobile devices can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the

Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Certain Samsung mobile devices can also use an Assisted Global Positioning System (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your

wireless service provider, applications providers, Samsung, and other third-parties providing services.

Use of AGPS in Emergency Calls

When you make an emergency call, the cellular network may activate AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the mobile device for as long as the emergency responder instructs you.

Navigation

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available.

Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures,

traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.

Emergency Calls

This mobile device, like any wireless mobile device, operates using radio signals, wireless and landline networks, as well as user-programmed functions, which cannot guarantee connection in all conditions, areas, or circumstances.

Therefore, you should never rely solely on any wireless mobile device for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel. Remember, to make or receive any calls, the mobile device must be switched on and in a service area with adequate signal strength.

Emergency calls may not be possible on all wireless mobile device networks or when certain network services and/or mobile device features are in use. Check with local service providers. If certain features are in use (call blocking, for example), you may first need to deactivate those features before you can

make an emergency call. Consult your User Manual and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your mobile device may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

To make an emergency call:

1. If the mobile device is not on, switch it on.
2. Open your phone dialer.
3. Enter the emergency number for your present location (for example, 911 or other official emergency number), then tap Call/Send. Emergency numbers vary by location.

FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices

The U.S. Federal Communications Commission (FCC) has established requirements for digital wireless mobile devices to be compatible with hearing aids and other assistive hearing devices.

When individuals employing some assistive hearing devices (hearing aids and cochlear implants) use wireless mobile devices, they may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless mobile devices to assist hearing device users find mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Wireless mobile devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings. M-ratings refer to enabling acoustic coupling with hearing aids that do not operate in telecoil mode.

T-Ratings: Mobile devices rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. T4 is the better/higher of the two ratings. T-ratings refer to enabling inductive coupling with hearing aids operating in telecoil mode.

Hearing devices may also be rated. Your hearing aid manufacturer or hearing health professional may help you find



this rating. Higher ratings mean that the hearing device is relatively immune to interference noise.

Under the current industry standard, American National Standards Institute (ANSI) C63.19, the hearing aid and wireless mobile device rating values are added together to indicate how usable they are together. For example, if a hearing aid meets the M2 level rating and the wireless mobile device meets the M3 level rating, the sum of the two values equals M5.

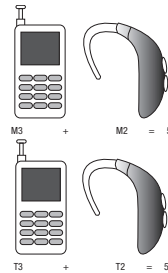


Under the standard, this should provide the hearing aid user with normal use while using the hearing aid with the particular wireless mobile device. A sum of 6 or more would indicate excellent performance.



However, these are not guarantees that all users will be satisfied. T ratings work similarly.





The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC for Newer Technologies

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids.

It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of

this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Caution! Some applications or prolonged usage may increase device temperature. Prolonged skin contact with a device that is hot to the touch may produce skin discomfort or redness, or low-temperature burns. If the device feels hot to the touch, discontinue use and close all applications or turn off the device until it cools. Always ensure that the device has adequate ventilation and air flow. Covering the device with bedding, your body, thick clothing or any other materials that significantly affect air flow may affect the performance of the phone and poses a possible risk of fire or explosion, which could lead to serious bodily injuries or damage to property.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or make calls that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

Section 2: Online Legal Information

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's devices and accessories ("Products") are free from defects in material and workmanship under normal use and service.

Samsung Telecommunications America, LLC

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End User License Agreement for Software

The EULA for this device can be found:

- Online at: www.samsung.com/us/Legal/SamsungLegal-EULA3.

Health/Safety and Warranty Guide

The online version of the Health/Safety
and Warranty guide for your device can
be found at:

English:

[www.samsung.com/us/Legal/Phone-
HSGuide](http://www.samsung.com/us/Legal/Phone-HSGuide).

Spanish:

[www.samsung.com/us/Legal/Phone-
HSGuide-SP](http://www.samsung.com/us/Legal/Phone-HSGuide-SP).

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