

Samsung GALAXY Note[®] 4

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.

SAMSUNG

Legal Notices

WARNING! This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, please call 1-800-SAMSUNG (726-7864).

Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating there to (the “Phone System”), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

Open Source Software

Some software components of this product incorporate source code covered under GNU General Public License (GPL), GNU Lesser General Public License (LGPL), OpenSSL License, BSD License and other open source licenses. To obtain the source code covered under the open source licenses, please visit: opensource.samsung.com

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT “AS IS”, AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE PERFORMANCE OF THE PRODUCT; THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO. NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, 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.

Samsung KNOX

Samsung KNOX™ is Samsung's security platform and is a mark for a Samsung device tested for security with enterprise use in mind. Additional licensing fee may be required. For more information about KNOX, please refer to: samsung.com/us/knox [061616]

Samsung Electronics America (SEA), Inc.

Address:

85 Challenger Road
Ridgefield Park,
New Jersey 07660

Phone:

1-800-SAMSUNG (726-7864)

Internet Address:

samsung.com

©2016 Samsung Electronics America, Inc.
Samsung, Samsung Galaxy, Multi Window, S Pen, S Health, S Voice, Samsung Pay, and Samsung Milk Music are all trademarks of Samsung Electronics Co., Ltd.

Other marks are the property of their respective owners.

Note: Screen images are simulated. Appearance of device may vary.

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: samsung.com/us/support

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

Legal Information

Important legal information can be accessed in writing on the mobile device or at samsung.com

READ THIS INFORMATION BEFORE USING YOUR MOBILE DEVICE.

Samsung Limited Warranty - This product is covered under the applicable Samsung Limited Warranty **INCLUDING ITS DISPUTE RESOLUTION PROCEDURE** and your right to opt out of arbitration within 30 calendar days of the first consumer purchase. You may opt out by either sending an email to optout@sea.samsung.com with the subject line "Arbitration Opt-Out" or by calling 1-800-SAMSUNG (726-7864). For more detailed procedures, please refer to the "Dispute Resolution Procedures and Arbitration and Opt-Out" section of the 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 you may access the online version of the Health/Safety and Warranty guide for your device at:

English

samsung.com/us/Legal/Phone-HSGuide

Spanish

samsung.com/us/Legal/Phone-HSGuide-SP

The online version of the **End User License Agreement (EULA)** for your device can be found online at:

samsung.com/us/Legal/SamsungLegal-EULA4

Table of Contents

Getting Started	1	Contacts.....	51
Front View.....	2	Email.....	55
Back View.....	3	Galaxy Apps	57
Assemble Your Device	4	Gallery.....	58
Set Up Your Device	7	Internet.....	60
Set Up Accounts on Your Device	8	Messages	62
Know Your Device	9	Music Player.....	64
Home Screen.....	10	My Files.....	65
Status Bar	13	S Health	67
Navigation, Motions, and Gestures	14	S Note	69
Notification Panel	15	S Voice	71
Multi Window	16	Scrapbook.....	72
S Pen.....	18	Video Player	73
Air Command.....	20	Voice Recorder.....	75
Entering Text	23	Settings	76
Emergency Mode.....	25	How to Use Settings	77
Calling	26	Wi-Fi and Wi-Fi Direct.....	78
Phone Screen.....	27	Download Booster.....	80
Make and Answer Calls.....	29	Bluetooth	81
Speed Dial.....	33	Tethering and Mobile HotSpot.....	83
Emergency Calls	34	Airplane Mode	85
Set Up and Access Voicemail.....	35	Data Usage.....	86
Applications	36	Location Services	87
Apps Screen	37	More Networks	88
Google Applications	40	NFC Settings.....	90
T-Mobile Applications.....	42	Nearby Devices.....	91
Other Applications	43	Printing.....	92
Calculator.....	44	Screen Mirroring.....	93
Calendar	45	MirrorLink	94
Camera and Video.....	46	Sounds and Notifications.....	95
Clock.....	49	Display	99
		Wallpaper.....	102

Lock Screen	103
Multi Window Settings	104
Notification Panel	105
One-Handed Operation.....	106
Easy Mode	107
Accessibility.....	108
Private Mode.....	110
Finger Scanner.....	111
Motions and Gestures.....	112
S Pen Settings	113
Accounts.....	114
Google Settings	115
Cloud	116
Backup and Reset.....	117
Language and Input Settings.....	118
Date and Time Settings	120
Safety Assistance	121
Accessories.....	122
Battery.....	123
Storage	124
Security.....	126
Help	129
About Your Device	130
Application Manager.....	131

Getting Started

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

Front View



- **Proximity and gesture sensors:** Detect the presence of objects near the device.
- **Front camera:** Take self-portraits and record videos of yourself.
- **Power key:** Press and hold to turn the device on or off, restart it, or for quick access to Airplane and Emergency modes. Press to lock or wake up the screen.
- **Back:** Return to the previous screen, or to close a dialog box, menu, or keyboard.
- **Home key/Finger scanner:** Return to the Home screen. Activate the Fingerprint security feature.
- **Recent:** Tap to display recent apps, or touch and hold for home screen options.
- **Volume key:** Adjust the volume of your device's sounds and audio.
- **Status light:** Display a light when the battery is low, charging, or fully charged, when a notification arrives, or when recording voice.
- **Earpiece:** Listen to a call.

Back View



- **Headset jack:** Connect an optional headset (not included).
- **Rear camera:** Take pictures and record videos.
- **Heart rate sensor:** Measure your heart rate using your fingertip when using the S Health™ app. For more information, see [S Health](#).
- **Microphone:** Record audio and detect voice commands.
- **USB charger/Accessory port:** Connect the Charger/USB™ cable (included), and other optional accessories (not included).
- **S Pen:** Access a variety of powerful functions on your device with the versatile S Pen™.
- **Speaker:** Play music and other sounds.
- **Flash:** Illuminate subjects in low-light environments when taking a photo or recording video.
- **Infrared transmitter:** Control external devices using infrared light.

Assemble Your Device

This section helps you to assemble your device.

Remove the Back Cover



1. Remove the back cover using the slot on the top of your phone.
2. Lift the cover up from 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: Please be careful when handling the SIM card to avoid damaging it. Keep all SIM cards out of reach of small children.



- ▶ Carefully slide the SIM card into the SIM card slot until the card locks into place.
- 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. Reorient the card and place it back into the slot if the SIM is not detected.

Install an Optional 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.

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 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. You can use the device while charging.

Note: For fastest charging times, use the Samsung Adaptive Fast Charger that comes with your device. This charger provides faster charging only when connected to devices that support Adaptive Fast Charging.

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



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 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 upper-right corner 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](#).

Set Up Your Device

Turn Your Device On and Off

Turning the device on:

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

Turning the device off:

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

Note: If your device is not responding, press and hold both the **Power** and **Volume Down** keys simultaneously for more than 7 seconds to restart the device.

Welcome Screen

The first time you turn your device on, the Welcome Screen 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** key.

Unlock the Device

The default Screen lock on your device is Swipe.

To unlock your device:

- ▶ Press the **Power** 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 [Set a Screen Lock](#).

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**.

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 capacitive stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Home Screen



- **Status icons:** Displays information about the device, such as the network signal strength, battery level, and the time.
- **Status bar:** Displays device status icons (right) and notification icons (left).
- **Apps folder:** Groups multiple apps into a folder.
- **Apps list:** Allows quick access to all of your applications.
- **Primary app shortcuts:** Displays these shortcuts on all Home screens.
- **Home screen indicator:** Indicates which Home screen is presently displayed.
- **App shortcuts:** Launches your favorite applications.
- **Widget:** Runs as a simple application extension (not a shortcut) on the Home screen.
- **Notification icons:** Displays new messages and emails, notifications, available software updates, and more.

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** icon.
 - **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.
 - Tap **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.

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 then release it.

Remove a Shortcut

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

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

Widgets

Widgets are simple application extensions 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 a 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 then release it.

Remove a Widget

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

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

Folders

Place folders on a Home screen to organize items.

Add a Folder to a Home Screen

1. From a Home screen, touch and hold an app shortcut.
2. Drag the shortcut onto  **Create folder** and release.
3. Enter a folder name.
4. Tap  **Add application** to place additional apps in the folder.
5. Tap **Done**.
 - A folder is created with the shortcut(s) inside.

Use Folders

- To open a folder and access the shortcuts inside, tap it.
- To add shortcuts to a 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 it.
- To change a folder's color scheme, tap  **Color palette**.

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. Touch and hold an empty space on the screen, and then tap **Wallpapers**.
2. Choose **Home screen**, **Lock screen**, or **Home and lock screen**.
3. Tap a wallpaper to see a sample, and then tap **Set as wallpaper**.

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

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



Full battery: Battery is fully charged.



Low battery: Battery is low.



Battery charging: Battery is charging.



Vibrate: Vibrate mode is enabled.



Mute: Mute mode is enabled.



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



Signal strength: Cellular signal strength.



Wi-Fi: Wi-Fi is active.



Network not available: No wireless network is available.



NFC enabled: NFC (Near-Field Communication) sharing is enabled.

Notification Icons



Missed call: Missed call.



Call in progress: Call in progress.



Call on hold: Call is on hold.



New email: New email has arrived.



New Gmail: New Gmail has arrived.



New voicemail: New voicemail message has been received.



New text: New text or multimedia message has arrived.



Download: Download of a file or app is in progress.



Upload: File is being uploaded or sent.



GPS: Location service (GPS) is active.



App updates available: App updates are available from the Google Play store.



App updates complete: App updates are complete.

Navigation, Motions, and Gestures

Learn the basics for how to navigate through your device.

Touchscreen Navigation

Use the following motions and gestures on your touchscreen to navigate the device.

Tap

Lightly tap items to select or launch them.

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

Touch and Hold

Touch and hold items on the screen to activate them.

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

Swipe

Lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

Drag

Touch and hold an item, and then move it to a new location.

- Drag an app shortcut to add it to a Home screen.
- Drag a widget to place it in a new location on a Home screen.

Pinch and Spread

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

- Pinch the screen to zoom out while viewing a picture or a web page.
- Spread your fingers on the screen to zoom in while viewing a picture or a web page.

Motions and Gestures

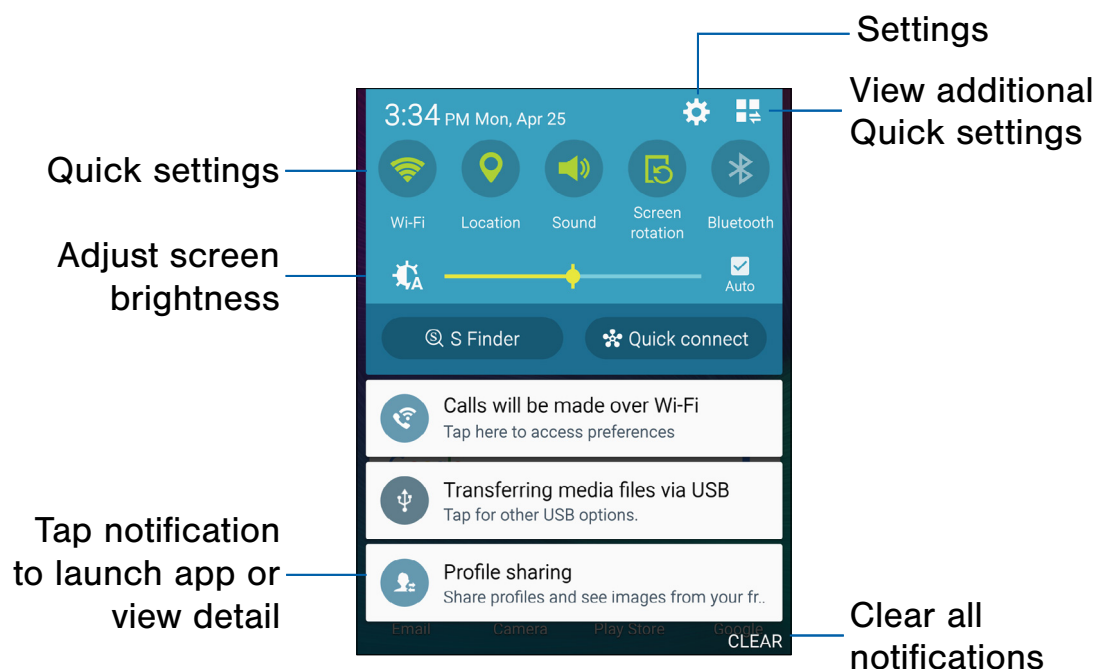
Control your device by making specific gestures with your hand above the device's screen.

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

To access the Motions and Gestures settings:

- From a Home screen, tap  **Apps** >  **Settings** > **Motions and gestures**.

Notification Panel



Notification icons on the Status bar display calendar events, device status, and more. For details, 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 tap **Back**.

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:

- Swipe left or right across the visible icons.

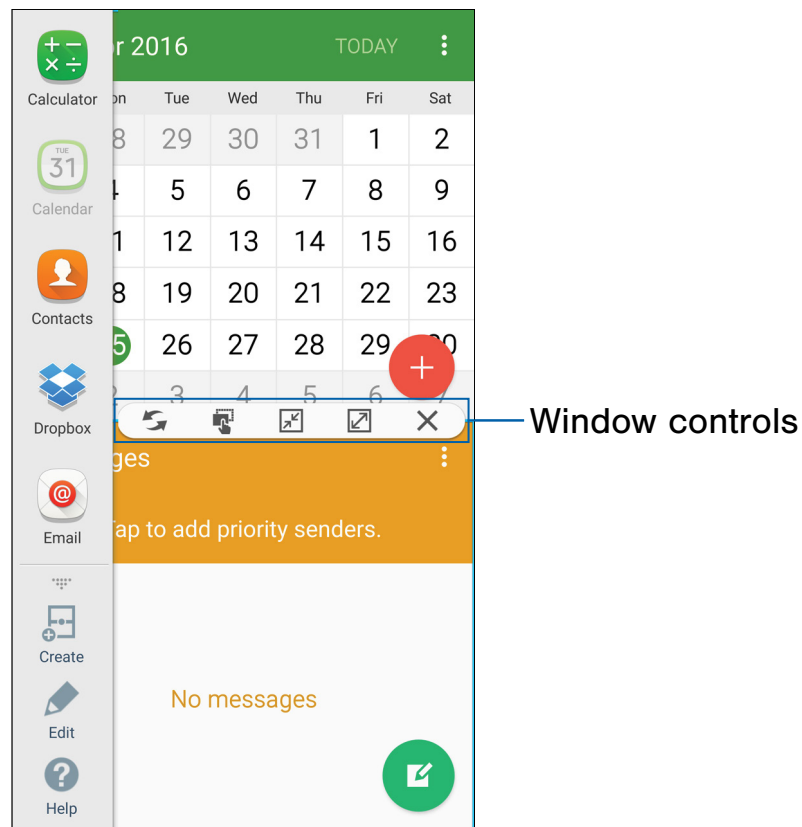
– or –

Tap  **View all**.

Notification Panel Settings

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

Multi Window



Multitask by using multiple applications at the same time.

Activate Multi Window

Apps that support Multi window™ 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.

Note: Multi window is not available for all apps.

1. From a Home screen, tap **Apps** > **Settings** > **Multi window**.
2. Tap **On/Off** to activate.
 - Tap **Open in split screen view** to automatically view content in Multi window when you open files from My Files or Video player, or attachments from email.
 - Tap **Pop-up view shortcut** to be able to swipe down diagonally from the corner of a window to put it in pop-up view.

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

Use Multi Window

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

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.

- Touch and hold  **Back** to display the Multi window tray, and then drag apps to the windows.

Window Controls

Select an application window and tap the  **Window controls** button in the middle of the window border.

Control Buttons



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



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



Minimize window: Collapse the selected window.



Maximize window: Open the selected window in full screen view.



Close application: Close the selected window.

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. Touch and hold  **Back** to display the Multi window tray.
2. Scroll to the bottom of the Multi window tray, and then tap  **Tray controls** >  **Create**.

Change the Order of Apps in the Multi Window Tray

1. Touch and hold  **Back** to display the Multi window tray.
2. Tap an 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.

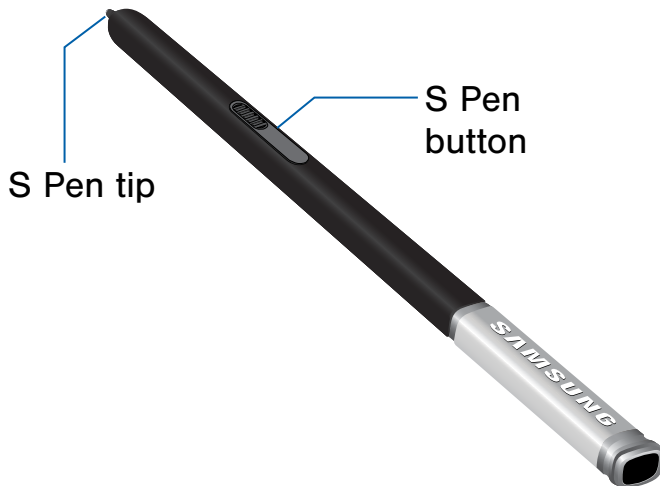
1. Touch and hold  **Back** to display the Multi window tray.
2. Tap  **Tray controls** >  **Edit** for options:
 - To remove an app from the tray, tap and drag it off of the tray and place it in the storage area.
 - To add an app to the tray, tap and drag it from the storage area to the tray.
 - To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

Multi Window Settings

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

S Pen

The S Pen is a stylus that assists you in performing different functions.



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.



Caution: When you insert the S Pen into the slot, insert the S Pen's tip first. Failure to do so can cause the S Pen to become stuck. Forcefully detaching the S Pen from the slot may cause damage to the S Pen and your device.

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 timeline 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.

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 an 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  **Handwriting**. The Handwriting window appears.
3. Use the space provided in the window to write an entry by hand using the S Pen. While writing, your entries will be converted into text.
 - To edit the converted text, use the Space, Delete, and Enter icons. To change the position of the cursor, drag the pointer below the cursor to the desired position for editing.
 - In Messages, tap **Drawing mode** to draw an image and attach it to your message.
4. When finished, tap **Done**.

Configure S Pen Settings

To configure S Pen settings, including options for sounds and for tracking S Pen when it is not stored in your device:

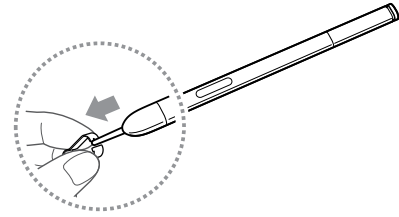
- From a Home screen, tap  **Apps** >  **Settings**.

Replace the S Pen Tip

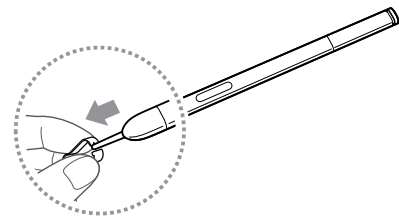
You can replace the tip of the S Pen.

To replace the tip:

1. Use tweezers to pull out the S Pen tip.

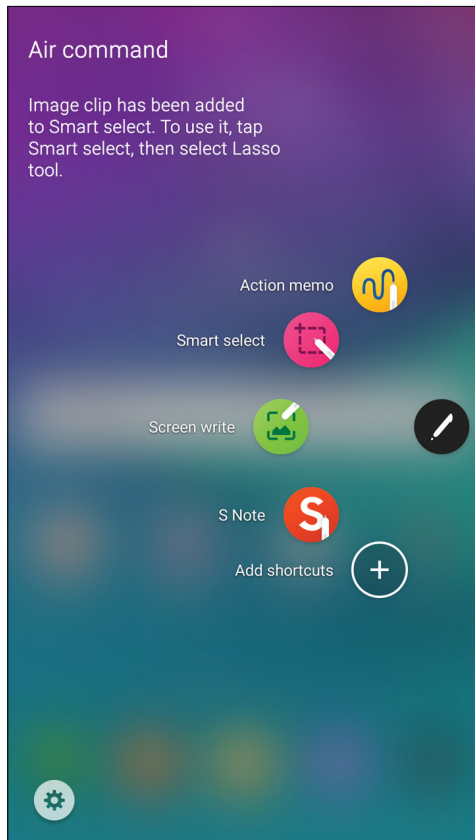


2. Insert the new pen tip on the top of the S Pen and press until it clicks in place.



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.

– or –

Hold the S Pen near the screen so that the pointer appears, and then press the **S Pen button** once.

– or –

Tap  **Air command**.

- To use Air Command, tap an option:

- **Action memo:** Launch an Action memo and link it to actions. Action memos are saved in the S Note app.
- **Smart select:** Draw around an area of the screen to collect it in the Scrapbook app.
- **Screen write:** Capture screenshots and write or draw on them.
- **S Note:** Tap to open the S Note app. For more information, see [S Note](#).
- **Add shortcuts:** Add up to three apps and functions to the Air command menu.
- **Settings:** Customize your Air command by adding apps and functions, and changing how it appears.

Action Memo

An Action memo is a special type of note that can turn 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 **Save** in order to close the memo.

Create an Action Memo

To create an Action memo:

1. Tap  **Air command** >  **Action memo**.

– or –

Press and hold the **S Pen button** and tap the screen two times with the pen.

2. Write your action memo, these editing tools are available:

- **List:** Tap to view all Action memos saved in the S Note app.
- **Pen:** Tap to change the pen color.
- **Eraser:** Use the pen to erase part of the memo, or tap **Clear all** to erase all content.

3. Tap  **Share**, and then choose a sharing method to share the action memo.

4. Tap **More** for additional options:

- **Link to action:** Turn written text into actions.
- **Minimize:** Minimize the action memo by making a small thumbnail on the main Home screen.
- **Pin to Home screen:** Pin the Action memo to the Home screen.
- **Set reminder:** Set a time to remind you about the action memo.
- **Edit as S Note file:** Open the action memo in the S Note app.
- **Change background color:** Change the color of the action memo.
- **Discard:** Close the current Action memo without saving it.

5. When you are finished, tap **Save**.

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

Link an Action Memo

Turn text into actions. For example, you can write a phone number, and then save it to Contacts.

To link a memo to an action:

1. Tap  **Air command** >  **Action memo**.
2. Write on the memo.
3. Tap **More** > **Link to action** and select an action to perform.
4. Draw around the content you want to use for the action. The selected content is boxed and highlighted.
5. On the menu bar that appears, tap the action you want to take. Options include Phone, Contacts, Messages, Email, Internet, and More.

Screen Off Memo

You can write quick memos without turning your device on.

Note: The screen off memo setting must be enabled. For more information, see [S Pen Settings](#).

To create a screen off memo:

1. Detach the S Pen while the screen is off.
2. Write on the screen.
 - Tap **Save** to save your memo to the S Note app.
 - Tap **Delete** to discard the memo.

Smart Select

The Smart select feature provides a capture tool to select content on a screen. You can then add it to your Scrapbook app or share it with your contacts.

To launch the Smart select tool:

1. Tap  **Air command** >  **Smart select**.
2. Tap a shape at the top of the screen, and then drag a box with the S Pen to select content. The following options appear:
 - **Write:** Add notes to the screen using the S Pen.
 - **Share:** Choose a sharing method to share your content.
 - **Save in Scrapbook:** Save the content in the Scrapbook app.
 - **Save in Gallery:** Save the content to the Gallery app.

Screen Write

Screen write allows you to capture a screen shot and then write notes on the screen shot.

To use Screen Write:

1. Tap  **Air command** >  **Screen write**.
2. The current screen is captured, and a pen tool appears. The following editing tools are provided:
 - **Pen:** Draw on the screen shot. Press the **Pen** icon 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 the **Eraser** icon a second time to change the size of the eraser area and to see the **Erase all** option.
 - **Undo:** Tap to undo the last action.
 - **Redo:** Tap to redo the last action that was undone.

3. When you are finished writing, tap an option:

- **Share:** Choose a sharing method to share your content.
- **Save in Scrapbook:** Save the content in the Scrapbook app.
- **Save in Gallery:** Save the content to the Gallery app.

S Note App

Create notes and edit Action memos.

To access S Note:

1. Tap **Air command** > **S Note**.
 - or –
2. From a Home screen, tap  **Apps** >  **S Note**.

For more information, see [S Note](#).

Add Shortcuts

You can add shortcuts to apps and functions to the Air Command menu.

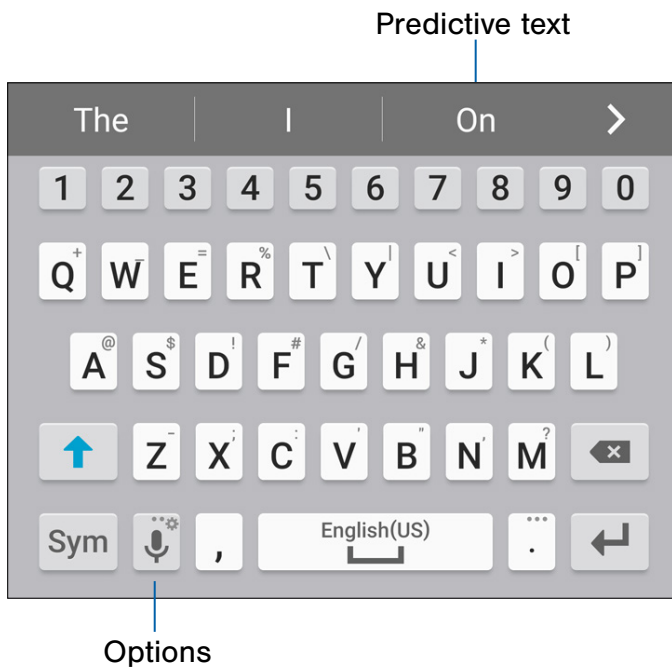
To use Add shortcuts:

1. Tap  **Air command** >  **Add shortcuts**.
2. Swipe across the screens, and tap the apps or functions you would like to add to the Air command menu.
 - To delete an app shortcut tap  **Remove**.
3. Tap  **Back** to save your selection.

Entering Text

Using the Samsung Keyboard

Type your text input using a QWERTY keyboard.



Note: The available options depend on the application in use. Not all options are available for all apps.

Predictive Text

Predictive text suggests words that match your text entries, and can automatically complete common words. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites—improving the accuracy of predicting text entries.

Configure the Samsung Keyboard

To customize the Samsung keyboard:

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

For more information, see [Samsung Keyboard](#).

Special Keys

Sym Symbol: Tap to insert symbols.

Touch and hold **Options** for the following:



Voice input: Enter text using Google Voice™ typing.



Handwriting: Use your handwriting to enter text.



Clipboard: Access the clipboard.



Keyboard settings: Access keyboard settings.



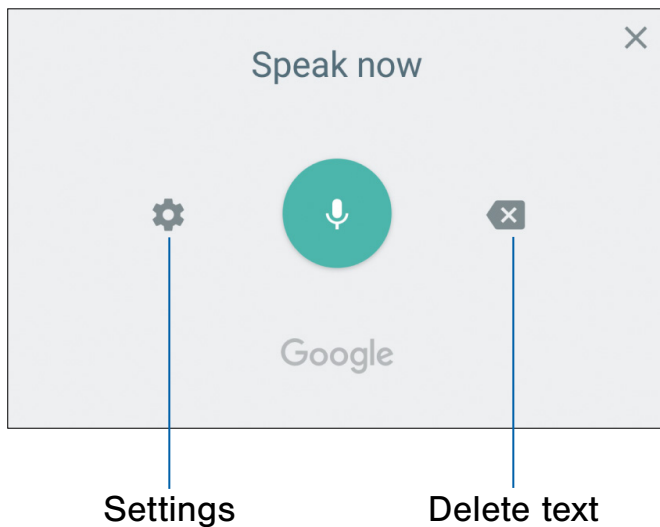
Emoticon: Insert an emoticon at the cursor position.



Keyboard layout: Change the layout of the keyboard.

Using Google Voice Typing

Instead of typing, speak your text input.



To enable Google voice typing:

1. Tap  **Voice input** on the Samsung keyboard.
 - You may need to touch and hold **Options** (left of the Space bar) to find it.
2. Speak your text.

Note: Tap  **Settings** > **Languages** to download additional languages for use with Google voice typing.

Configure Google Voice Typing

To customize Google voice typing:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Google voice typing** for options.

For more information, see [Google Voice Typing](#).

Emergency Mode

Emergency mode conserves your device's remaining power when you are in an emergency situation.

Emergency mode saves battery power by:

- Changing the color of the screen to grayscale.
- Restricting application usage to only essential applications and those you select.
- Turning off Mobile data when the screen is off.
- Turning off connectivity features such as Wi-Fi and Bluetooth®.

Note: When Emergency mode is turned off, the Location settings may stay the same as they were in Emergency mode.

Activate Emergency Mode

To activate Emergency mode:

1. Press and hold the **Power** key to display the Device options window.
2. Tap **Emergency mode**.
 - When accessing for the first time, read the Terms and conditions. If you accept them, tap the  **Checkbox**, and then tap **Agree**. Confirm when prompted.
3. Tap **Turn on**.

Turn Off Emergency Mode

- From the Emergency mode Home screen, tap **More > Turn off Emergency mode**.

Use Emergency Mode

While in Emergency mode, your device conserves power. The following apps and features are available on the Home screen:

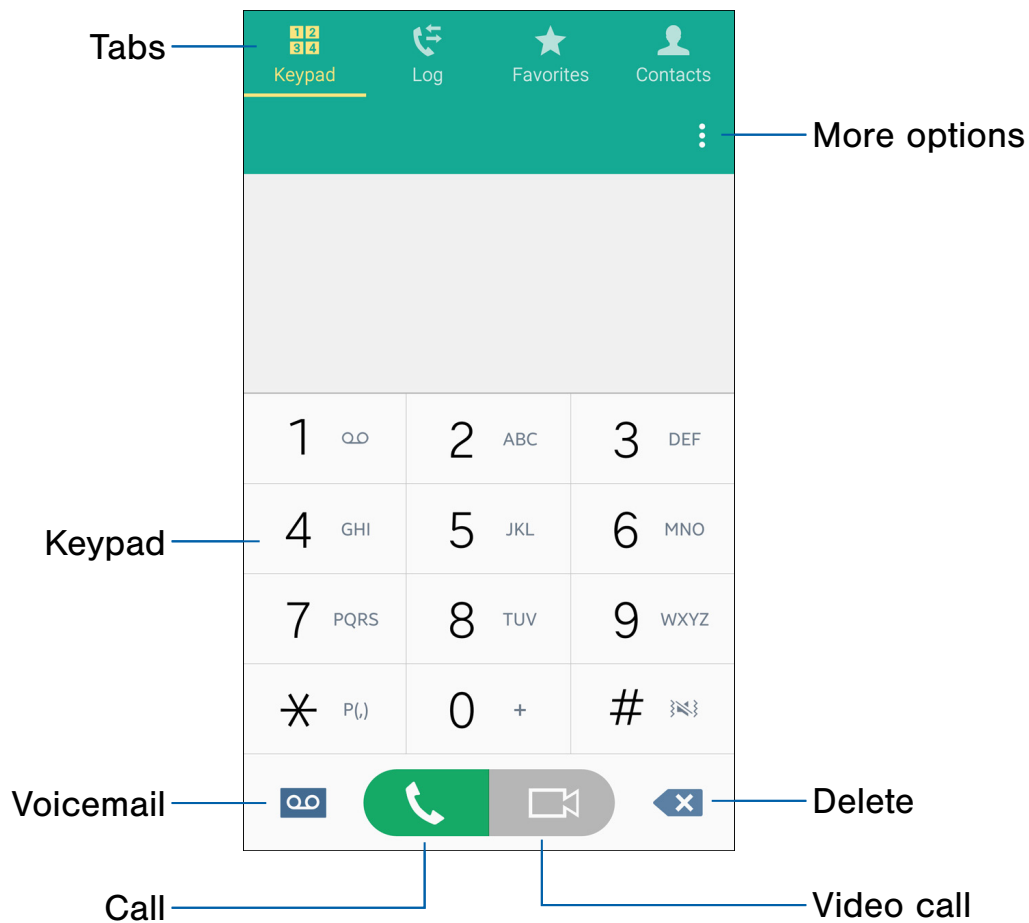
- **Flashlight:** Use the device's flash as a steady source of light.
- **Emergency alarm:** Sound an audible siren.
- **Share my location:** Send your location information to your emergency contacts.
- **Phone:** Launch the call screen.
- **Internet:** Launch the Web browser.
-  **Add:** Add other available apps.
 - **Facebook:** Launch Facebook™.
 - **Maps:** Launch Google Maps™.
- **Battery percentage:** Display estimated battery charge remaining.
- **Emergency call:** Dial the emergency telephone number (for example, 911). This kind of call can be made even without activated cellular service.
-  **More options:**
 - **Turn off Emergency mode:** Disable Emergency mode and return to standard mode.
 - **Remove:** Choose apps to remove from the screen.
 - **Manage emergency contacts:** Add emergency contacts if none have been set in Safety Assistance.
 - **Settings:** Configure the available settings. Only a limited number of settings are enabled in Emergency mode.

Calling

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

Phone Screen

Use the Phone screen to access the dialer keypad, recent calls, favorites, and contacts.



- **More options:** Access Speed dial and Call settings.
- **Delete:** After entering a number using the keypad, if you make a mistake, tap to erase a single character or touch and hold to erase the entire string of numbers.
- **Video call:** Make video calls.
- **Call:** Make a call.
- **Voicemail:** Set up and check your voicemail. For more information, see [Set Up and Access Voicemail](#).
- **Keypad:** Dial the number that you want to call.
- **Tabs:** Display a log of all dialed, received, and missed calls. Display contacts marked as favorites. Display your contacts and select a contact to call.

Access Phone

There are a couple of ways to access Phone.

► From a Home screen, tap  **Phone**.

– or –

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

Display Your Phone Number

Your phone number can be found in Settings.

► From a Home screen, tap  **Apps** >  **Settings** > **About device** > **Status**.

- Your phone number is displayed in the My phone number field.

Call Settings

There are also a couple of ways to access the Call settings menu.

► From a Home screen, tap  **Phone** >  **More options** > **Settings** > **Call**.

– or –

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

Make and Answer Calls

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

Make a Call

You can make a call from a Home screen.

1. From a Home screen, tap  **Phone**.
2. Enter a number on the keypad and tap either  **Dial** or  **Video call**.

Note: Not all devices support video calling.

Dial a Number from Your Contacts List

You can quickly dial a phone number from your Contacts list.

1. From a Home screen, tap  **Apps** >  **Contacts**.
– or –
From a Home screen, tap  **Phone** > **Contacts**.
2. Swipe your finger across a contact to the right to 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 a Home screen, tap  **Phone**.
2. Tap **Log**. A list of recent calls is displayed.
3. Tap a contact, and then tap  **Call**.

Video Calls

To make Video calls:

1. From a Home screen, tap  **Phone**.
2. Enter a number and tap  **Video call**.

Note: Not all devices support video calling. The caller has the option to accept the video call or answer the call as a regular voice call.

To switch from a Phone call to a Video call after dialing:

- ▶ Tap **Call type** >  **Video call** to request two-way video calling.

– or –

Tap **Call type** >  **Show me** to only send video of yourself to your recipient.

Answer a Call

When a call is received, the phone rings and the caller's phone number or name is displayed, if it is stored in the Contacts list.

► At the incoming call screen:

- Drag  **Answer** to the right to answer the call.
- Drag  **Video answer** to the right to answer the call as a video call.
- Drag  **Reject** to the left to reject the call and send it to your voicemail.
- Drag **Reject call with message** upward and select a message.

If you are using an app, a pop-up screen is displayed for the incoming call.

► On the incoming call pop-up screen:

- Tap  **Answer** to answer the call.
- Tap  **Reject** to reject the call and send it to your voicemail.
- Tap **Reject call with message** and select a message.
- Tap  **Expand** to exit the app and view the main incoming call screen.

End a Call

To finish your call:

- Tap  **End** when you are ready to end your call.

Multitask While on a Call

If you exit the call screen and return to a Home screen, your active call is indicated by  **Call** 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, or locate a picture.

To return to the call screen:

- Drag the Status bar down to display the Notification panel, and then tap **Call notification**.

To end a call from any application:

- Drag the Status bar down to display the Notification panel, and then tap  **End call**.

Options During a Call

Your phone provides several options that you can use during a call.

Adjust the Call Volume

- Press the **Volume** keys to increase or decrease the volume.

– or –

Tap  **More options** > **Extra volume** to quickly add more volume to the incoming audio.

Listen with the Speaker or Bluetooth Headset

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

- Tap  **Speaker** to hear the caller using the speaker.

– or –

Tap  **Bluetooth** to hear the caller using a Bluetooth headset.

Place a New Call While on 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.
2. Dial the new number and tap  **Dial**. When the call is answered:
 - 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. Drag  **Answer** in any direction to answer the new call.
2. Tap an option:
 - **Put [caller] on hold** to place the previous caller on hold while you answer the new incoming call.
 - **Merge with [caller]** to add the new caller to the current call.
 - **End call with [caller]** to end the previous call and answer the new call.
3. 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.

Video Call Options

To change the call type during a video call:

- ▶ Tap  **Call type**. The following options are available:
 -  **Show me** or  **Hide me**: Turn your camera on or off.
 - The option depends on whether your camera is currently on or off.
 -  **Voice call**: Change the video call to a voice-only call.
 -  **Cancel**: Do not change the call type.

Call Log

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

1. From a Home screen, tap  **Phone**.
2. Tap **Log**. A list of recent calls is displayed. If the caller is in your Contacts list, the caller's name is displayed.

Save a Recent Call to Your Contacts List

Use recent call information to create a contact or update your Contacts list.

1. From a Home screen, tap  **Phone** > **Log**.
2. Tap the call that contains the information that you want to save to your Contacts list.
3. Tap **Create contact**.
 - or –

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

Delete a Call from the Call Log

To delete Call log entries:

1. From a Home screen, tap  **Phone > Log**.
2. Touch and hold the call you want to delete from the Call log.
3. Tap **Delete**.

Block a Number

By adding a caller to your Block list, future calls from this number are sent directly to your voicemail, and messages are not received.

1. From a Home screen, tap  **Phone > Log**.
2. Tap the caller you want to add to the Block list.
3. Tap  **More options > Add to auto reject list**.

Speed Dial

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

Create a Speed Dial

You can assign 100 speed dial numbers.

1. From a Home screen, tap  **Phone**.
2. Tap **More > Speed dial**. The Speed dial screen displays the numbers 1 through 100. Number 1 is reserved for Voicemail.
3. Tap an unassigned number ( **Add contact**).
4. Tap a contact to assign to the number.
 - The selected contact is displayed in the Speed dial number box.

Use Speed Dial to Make a Call

You can make a call using Speed dial.

1. From a Home screen, tap  **Phone**.
2. Touch and hold the Speed dial number.
 - If the Speed dial number is more than one digit long, enter the first digits, and then hold the last digit.

Remove a Speed Dial Number Assignment

You can remove an assigned Speed dial number.

1. From a Home screen, tap  **Phone**.
2. Tap **More > Speed dial**.
3. Find the contact to remove from Speed dial.
4. Tap  **Remove**.

Emergency Calls

You can dial the emergency telephone number in your region regardless of the phone's cellular service status.

Make an Emergency Call

You can dial the emergency telephone number from your phone whether or not cellular service has been activated. If your phone is not activated, you can only make an emergency call.

1. From a Home screen, tap  **Phone**.
2. Enter the emergency telephone number (911 in North America) and tap  **Dial**.
3. Complete your call. During this type of call, you have access to most in-call features.

Call Emergency Services from a Locked Screen

The emergency telephone number can be dialed even if the phone is locked, allowing anyone to use your phone to call for help in an emergency. When accessed from a locked screen, only the emergency calling feature is accessible to the caller. The rest of the phone remains secured.

Swipe Lock Screen

If the Lock screen is set to Swipe, you can access the call screen in a couple of ways.

1. Drag  **Phone** upward to open the call screen.
- or -

Swipe across the screen to unlock it, and then tap  **Phone**.

2. Enter the emergency telephone number (911 in North America) and tap  **Dial**.
3. Complete your call. During this type of call, you have access to most in-call features.

Secure Lock Screens

You can make calls even if your phone has a secure lock screen.

Note: The first step differs depending on the device and Lock screen settings.

1. Drag  **Phone** upward to open the call screen.
2. Tap **Emergency call** to display the Emergency dialer.
3. Enter the emergency telephone number (911 in North America) and tap  **Dial**.
4. Complete your call. During this type of call, you have access to most in-call features.

Set Up and Access Voicemail

Set up and configure your voicemail.

Set Up Your Voicemail

You can access your voicemail from a Home screen.

1. From the Home screen, tap  **Phone** >  **Voicemail**.
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Access Your Voicemail

You can access your voicemail from a Home screen.

1. From the Home screen, tap  **Phone** >  **Voicemail**.
 - You may be prompted to enter a password.
2. Follow the voice prompts from the voicemail center.

Access Your Voicemail from Another Phone

You can access your voicemail from another phone.

1. From another phone, dial your wireless phone number. Wait until you hear your voicemail greeting.
2. Press the **asterisk** or **star** (*) key on the phone you are using.
3. Enter your password and you are connected to your voicemail.

Visual Voicemail

Use Visual Voicemail to:

- Review and manage your voicemail messages directly from your phone without dialing into voicemail.
- See a list of your messages on your phone and select, in any order you choose, which ones you want to play, call back, forward, delete, or save.

To get started:

1. From the Home screen, tap  **Apps** >  **Visual Voicemail**.
2. Follow the prompts.

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.

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 apps 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 samsung.com/levant/apps/mobile/galaxyapps 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  **Remove** on their icon.
 3. Tap  **Remove** and follow the prompts to either uninstall or disable the app.

To enable apps after disabling them:

1. From a Home screen, tap  **Apps** >  **Settings** > **Application manager**.
2. Tap **All apps** > **Disabled**, and then tap the app you want to enable.
3. Tap **Enable**. The app is displayed again in the Apps list.

For more information, see [Application Manager](#).

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:** Allows you to touch and hold on apps to move them from screen to screen.
 - **Alphabetical order:** Apps are arranged in a grid, in A-Z order.

Use Folders to Organize Apps

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Create folder**.
 - **Enter folder name:** Name the folder.
 -  **Palette:** Change the folder color.
 -  **Add application:** Place more apps in the folder. Tap apps to select them, and then tap **Add**.
3. Tap **Done** to close the folder.

Remove Folders

Remove folders from an Apps screen without deleting the apps inside.

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Remove folder**.
3. Select the folder to delete and tap **Done**.

Hide or Show Apps

Hide Apps from View

You can hide (rather than uninstall or disable) any apps you do not want to see on the Apps screen.

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

Show Hidden Apps

You can unhide apps you have hidden and put them back on the Apps 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, and then drag it to:
 - **Create folder:** Create a new folder.
 - **App info:** View information about this app.
 - **Turn off:** Disable the app.
 - **Uninstall:** Uninstall the app. Preloaded apps cannot be uninstalled.
 - **Create folder:** Create a new folder to hold the app icon.
 - **Remove folder:** Delete a folder.
 - **Sort by:** Configure the Apps screen.
 - **Downloaded apps:** Display only downloaded apps.
 - **Uninstall/disable apps:** Uninstall an app that you downloaded to your device, or disable a preloaded app (preloaded apps cannot be uninstalled). Tap  **Remove** 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:** Download free premium apps that are compatible with your Galaxy device.
 - **Help:** View information about your device.

Google Applications

Enjoy these apps from Google.

Note: Certain apps require a Google Account.
Visit google.com to learn more.



Chrome

Browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.

Visit google.com/chrome/mobile to learn more about Chrome™.



Drive

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

Visit drive.google.com to learn more about Google Drive™.



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

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/search/about/learn-more/now to learn more.

Note: When Google Now™ is enabled, you can access it by tapping  **Google**.



Google+

Chat with friends and family, post photos, and see what others are sharing.

Visit google.com/mobile/+ to learn more about Google+™.



Hangouts

Meet friends and family online, share photos, host video calls, and send SMS and Hangouts messages.

Visit hangouts.google.com to learn more.



Maps

Find your current location and get directions and other location-based information.

Visit google.com/maps to learn more.

Note: You must enable location services to use Google Maps. For more information, see [Location Services](#).



Photos

Automatically backs up your photos and videos to your Google Account.

Visit photos.google.com to learn more about Google Photos™.



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.



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/store/movies to learn more.



Play Music

Play music and audio files on your device.

Visit play.google.com/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.

T-Mobile Applications

Enjoy these apps from T-Mobile.

Note: Certain apps require a data plan or paid subscription. Visit t-mobile.com to learn more or contact your service provider for additional information.



Mobile HotSpot

Use your device as a mobile hotspot, sharing data with other devices through a Wi-Fi connection.



T-Mobile

Get online access to account information such as your current activity, billing information, service plans, downloads, and more.



T-Mobile Name ID

Modify Caller ID information. Name ID identifies unknown callers by Name, City, and State.



T-Mobile TV

Watch live TV and Video On Demand.

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



Visual Voicemail

Easily manage your inbox without ever dialing into your voicemail.

Other Applications



Amazon

Shop at amazon.com™ from your device.



Dropbox

Use this application to save and share files with others through the Dropbox™ cloud storage. When you save files to Dropbox, your device automatically syncs with the web server and any other computers that have Dropbox installed.

Visit dropbox.com to learn more.



Facebook

Keep up with friends and family with the Facebook app.



Flipboard

Use this application to access your personalized magazines.



Hancom Office 2014

Opens and manages Hancom™ Office Hanword (*.hwp) and Hanshow (*.show) documents.



Lookout

Configure and manage key security options, such as anti-virus and anti-malware technology, a lost and stolen device locator service, an application privacy adviser, and a backup service.



Peel Smart Remote

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 and off functions, channel navigation, and volume control from the same Samsung device you already know.



PEN.UP

Share photos, comment on other creations, or just browse through the pages for something to add to your personal collection.



Samsung Milk Music

Stream music with Samsung Milk Music™, a radio service that offers a simple way to find the music that is right for you. With a library of over 13 million songs and 200+ stations, the interactive dial makes it easy to skim through stations to find the perfect soundtrack for the moment.



Samsung+

Gain all the benefits of owning a Samsung Galaxy device and to get any guidance and support you need along the way.



Smart Manager

Access your Battery, RAM, Storage, and Device security information.

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

To clear the results:

- Tap  **Clear**.

To clear the calculator history:

- 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*.

Calendar

Manage your events and tasks.

Create an Event or Task

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

Deleting Events or Tasks

To delete an event or task:

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap to view an event or task.
3. Tap  **Delete**.

To delete multiple events or tasks:

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap  **More options** > **Delete**.
3. Tap events or tasks to select them.
4. Tap **Done**. Confirm if prompted.

Sharing Events

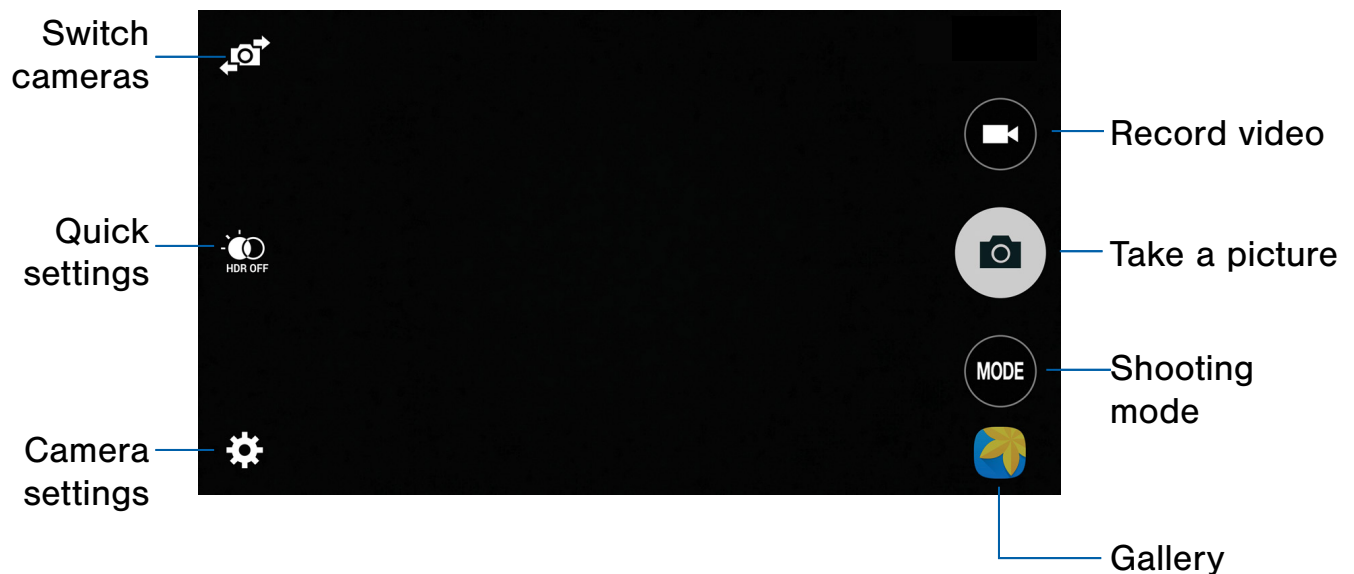
1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap to view an event or task.
3. Tap  **Share via**, select a sharing method, and follow the prompts.

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.

Camera and Video



Taking Pictures

Take pictures 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 picture, use the following options or gestures:
 - Touch 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 **Capture** to take the picture.

Note: You can press the **Volume** key up or down to take a picture. You can also set the Volume key to act as the video record key or as a zoom key.

Shooting Mode

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

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **Mode**, and then scroll up or down the screen at the right side of the screen.

Rear Camera

- **Auto:** Allow the camera to evaluate the surroundings and determine the ideal mode for the picture.
- **Rear-cam selfie:** Set the rear camera to automatically detect and focus on your face when you take self-portrait pictures using the rear camera.
- **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:** Create a linear image by taking pictures in either a horizontal or vertical direction.

- **Slow motion:** Record videos at a high frame rate for viewing in slow motion. You can play a specific section of each video in slow motion after recording it.
- **Fast motion:** Record videos for viewing in fast motion. You can play a specific section of each video in fast motion after recording.
- **Manage modes:** Select which shooting modes to display when you tap **Mode**.
- **Download:** Download additional shooting modes from the Galaxy Apps store.

Front Camera

- **Selfie:** Tap the screen, or place your finger over the heart rate sensor to take selfies.
- **Wide selfie:** Take wide-angle selfie shots to fit more people into your pictures.
- **Download:** Download additional shooting modes from the Galaxy Apps store.

Camera Settings

1. From a Home screen, tap  **Apps** >  **Camera**.
2. Tap  **Settings**. Available options vary depending on the camera/recording mode used.
 - **Picture size:** Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
 - **Effects:** Add special graphical effects.
 - **Timer:** Take time-delayed pictures or videos.
 - **Flash:** Activate or deactivate the flash (rear camera only).
 - **Interval shot:** Select the best picture from a series of continuous shots (front camera only).

3. Tap  **Menu** to display the following additional options.

Rear Camera Only

- **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.
- **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.
- **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.
- **HDR (rich tone):** Save the picture in HDR (rich tone) only.
- **Video stabilization:** Activate anti-shake. Anti-shake helps to keep the focus steady when the camera is moving.

Front Camera Only

- **Beauty face:** Take a picture with lightened faces for gentler images.
- **Save as flipped:** Automatically save images as flipped in the Gallery.

Both Cameras

- **Exposure value:** Change the exposure value. This determines how much light the camera's sensor receives. For low light situations, use a higher exposure.
- **Tap to take pics:** Tap the image on the preview screen to take pictures.
- **Video size:** Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Location tags:** Attach a GPS location tag to the picture.
- **Storage location:** Select the memory location for storage.
- **Grid lines:** Display viewfinder grid lines to help composition when selecting subjects.
- **Voice control:** Set the camera to take pictures with voice commands.
- **Shutter sound:** Turn the shutter sound on or off.
- **The Volume key:** Use the Volume key as the camera key, the record key, or as a zoom key.
- **Review pictures:** Set to show pictures or videos after taking them.
- **Reset settings:** Reset the camera settings.

Clock

The Clock app offers features for keeping track of time and setting alarms.

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:** You can use this option to measure intervals of time.
 - **Timer:** You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Alarm

Set alarms by using the **Alarm** tab.

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**.
2. Tap  **Create alarm** to configure:
 - **Time:** Choose a time for the alarm.
 - **Repeat:** Choose the days to use this alarm.
 - **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.
- **Snooze:** Enable 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. Available when you have chosen an alarm type that includes sound.
- **Name:** Enter a name for the alarm.

3. Tap **Done**.

Delete an Alarm

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

World Clock

The World clock lets you keep track of the current time in multiple cities around the globe.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap **World clock**.
3. Tap the **Search cities** field, and enter the name of a city. Tap the city to view it on the globe.
4. Tap  **Add city** to add the city to your world clock.
5. Repeat to add more cities.

Tip: Tap **Search cities** and use the keyboard to find a city. Tap an entry to add the city to your list.

To remove a city from the World clock list:

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap **World clock**.
3. Tap  **List view**.
4. Touch and hold a city you want to remove from the list until it is selected.
5. Tap  **Delete**.

Stopwatch

The Stopwatch lets you time events down to a hundredth of a second.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap **Stopwatch** and use the following options:
 - **Start:** Begin timing.
 - **Stop:** Stop timing.
 - **Lap:** Keep track of lap times.
 - **Resume:** Continue timing after stopping the clock.
 - **Reset:** Reset the stopwatch to zero.

Timer

The Timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap **Timer**.
3. Use the keypad to set the length of the timer. The following options are available:
 - **Start:** Begin the timer.
 - **Stop:** Stop the timer.
 - **Resume:** Resume the timer after stopping it.
 - **Reset:** Reset the countdown timer.

Contacts

Store and manage your contacts with the Contacts app, which can be synchronized with a variety of your existing personal accounts, including Google, Email, Facebook, and your Samsung account.

For more information on connecting with and managing your accounts through your device, see [Accounts](#).

Contacts

Access your list of contacts by using the Contacts app, which is a shortcut to the Contacts tab. To access your Contacts list:

- 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.

– or –

Tap a letter on the side of the list to jump directly to that letter in the alphabetical list. You can also press and slide across the alphabetical list to select a letter with better precision.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Create contact**, and then tap contact fields to enter information.
 - Choose a storage account for the contact. You can store the contact on the device, or sync it with an account.
 - Tap  **Contact 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 new** to enter additional entries.
 - Tap  **Delete** to remove an entry.
 - Tap  **Expand** for additional fields.
 - Tap  **Label** to the right of the contact entry to change the label for the field (for example, **Home** or **Mobile**).
3. Tap **Save**.

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 through 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 more), you may have multiple similar entries for a single contact. Contacts 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  **Linked contact**.
3. Tap **Link another contact**, and then select contact(s) to link to the original contact.
4. Tap **Done**.

Unlink Contacts

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

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 tap the **selected** box at the top.
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  **Add to Favorites** (the star brightens ).

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.
3. Tap  **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**. The new shortcut displays in an empty area of the home screen.

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 messages to the members of a group.

Create a Group

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Groups**, and then tap  **Create group**.
3. Tap fields to enter information about the group:
 - **Create group in [location]:** Tap to choose where to save the group. You can save it to a specific account, to the device memory, or to all accounts.
 - **Group name:** Tap to enter a name for the new group.
 - **Group ringtone:** Tap to choose a ringtone specific to members of this group.
 - **Group message tone:** Tap to choose a tone specific to members of this group.
 - **Group vibration pattern:** Tap to choose a vibration pattern specific to members of this 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  **Groups**, 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  **Groups**, and then tap a group.
3. Tap  **Add member**, and then tap the contact(s) you want to add.
4. Tap **Done**.

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  **Groups**, and then tap a group.
3. Tap  **More options** > **Send message or email**.
4. Tap **Email**.
5. Tap contacts to select them, or tap **Select all**, and then tap **Done**. Only group members that have email addresses in their records are shown.
6. 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  **Groups**.
3. Tap  **More options** > **Delete group**.
4. Tap one or more groups to select, and then tap  **Delete**.
5. Tap **Group only** to delete just the group, or tap **Groups and members** to delete both the group and its members.

Contact Settings

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

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

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 prompts to set up your email account.

To add another email account:

1. From a Home screen, tap  **Apps** >  **Email**.
2. Tap  **More options** > **Settings** > **Manage accounts**.
3. Tap  **Add account**.

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 **Manage accounts** and then tap the account to display Account settings.

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**.

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  **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.

Deleting Email Accounts

To delete an Email account:

1. From a Home screen, tap  **Apps** >  **Email**.
2. Tap  **More options** > **Settings** > **Manage accounts**.
3. Tap  **More options** > **Select**.
4. Tap one or more accounts to delete, and then tap  **Remove**. Confirm if prompted.

Email Settings

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

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

Galaxy Apps

Samsung Galaxy Apps provides a quick and easy way to find and download free premium apps that are compatible with your Galaxy device.

To access the Samsung Galaxy Apps:

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

Galaxy Essentials

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

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

To access Galaxy Essentials:

1. From a Home screen, tap  **Apps** >  **Galaxy Apps**.
2. Swipe across the Galaxy Apps screens and locate and tap Galaxy Essentials.
3. Follow the prompts to download Galaxy Essentials apps.

Note: A Samsung account is required to purchase and download apps.

Gallery

View, edit, and manage pictures and videos.

View Images and Videos

Launching Gallery displays available folders. When another application, such as Email, saves an image, a 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  **Menu**, and then tap **Time** or **Album** to choose the way items display.
 - Tap  **Menu** > **Album**, and then tap  **More options** > **Create album** to create a new album.
 - Tap a folder to open it.
3. Tap an image or video to view it in full screen. Scroll left or right to view the next or previous image or video.

Zoom 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. Using the sliders at the bottom of the screen to trim the video. Move the start bracket to the desired starting point, move the end bracket to the desired ending point.
3. Tap **Done** to save the video.

Editing Images

- While viewing an image, tap  **More options**:
- **Edit**: Use basic tools to edit your picture.
 - **More info**: View image details.
 - **Write on image**: Write directly on the image.
 - **Rotate left**: Rotate the photo counter-clockwise.
 - **Rotate right**: Rotate the photo clockwise.
 - **Crop**: Resize the frame to crop the image.
 - **Rename**: Rename the file.
 - **Slideshow**: Start a slideshow with the images and videos in the current folder.
 - **Add tag**: Add a tag to your image.
 - **Studio**: Edit your picture with advanced tools.
 - **Set as**: Set the image as wallpaper or as a contact's photo.
 - **Print**: Print the image through 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 a folder to open it.
3. In a folder, tap  **More options** > **Delete**, select images, and then tap **Done**.

– or –

When viewing a single image, 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 through social network services.

– or –

When viewing a single image, tap  **Share via** to send it to others or share it through social network services.

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 prompts.
4. Tap  **More options** > **Add account** to add a Samsung, Dropbox, Google, or Facebook account.

Internet

Access the Internet with a fully featured web browser.

Access the Internet

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

Command Keys

The following command keys are available:

-  **Back** or  **Back** key: Return to the previous page.
-  **Forward**: Go forward to a recent page.
-  **Home** to display your Internet Home screen.
-  **Bookmarks** to bookmark your favorite web sites.
-  **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** on the keyboard.

To share, save, or print the current web page:

- ▶ Tap **More**.

To zoom in or out:

- ▶ Tap the screen twice 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  **Tabs** > **New tab**.

To close a tab:

- ▶ Tap  **Tabs**, and then tap  **Close** on the tabs you want to close.

Bookmarks

To bookmark the current web page:

- ▶ Tap  **Bookmarks** > **Add**.

To open a bookmarked web page:

- ▶ Tap  **Bookmarks** and tap an entry.

Saved Pages

To save a web page:

- ▶ Tap **More** > **Save web page**.

To view a list of saved web pages:

- ▶ Tap  **Bookmarks** > **Saved pages**.

History

To view a list of recently visited web pages:

- ▶ Tap  **Bookmarks** > **History**.

Sharing Pages

To share a web page address with others:

- ▶ Tap **More** > **Share** and follow the prompts.

Secret Mode

Pages viewed in Secret mode are not listed in your browser history or search history, and leave no traces (such as cookies) on your device. Secret tabs are a darker shade than the normal tab windows.

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

To enable Secret mode:

1. From a Home screen, tap  **Apps** >  **Internet**.
2. Tap  **Tabs**.
3. Tap **Turn on secret**.
4. Tap **Create password** to protect your Secret mode data with a password.

– or –

Tap **Do not use password**.

To turn off Secret mode:

1. From a Home screen, tap  **Apps** >  **Internet**.
2. Tap  **Tabs**.
3. Tap **Turn off secret**.

Internet Settings

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

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

Messages

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

Types of Messages

Your default Messaging 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 and send a message using the Messaging app.

1. From a Home screen, tap  **Messages** >  **Compose**.
2. Tap the **Enter recipients** field to manually enter a recipient or tap  **Add from Contacts** to select a recipient from your Contacts. You can also select the recipient based on Groups, Favorites, or Logs.
 - If adding a recipient from your Contacts, tap the contact to place a checkmark then tap **Done**. The contact will be placed in the recipients field.
 - If manually typing additional recipients separate each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
 - For the Groups option, tap a group and select members to add to the message. The maximum number of recipients is 10.
3. Tap the **Enter message** field and use the keypad to enter a message.
 - Tap  **Add emojis** to choose an available emoji from a list and then add it into your message (at the cursor location) if desired.
4. 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 new message icon appears on the Status bar.

To view the message:

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

– or –

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

Deleting Messages

To delete messages, follow these steps:

1. From a Home screen, tap  **Apps** >  **Messages**.
2. Tap  **More options** > **Select**.
3. Tap each message you want to delete or tap the **selected** checkbox at top.
4. Tap  **Delete**.
5. At the **Delete conversations** prompt, tap **Delete**.

Message Search

1. You can search through your messages by using the Message Search feature.
2. From a Home screen, tap  **Apps** >  **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, push messages, and more.

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

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)

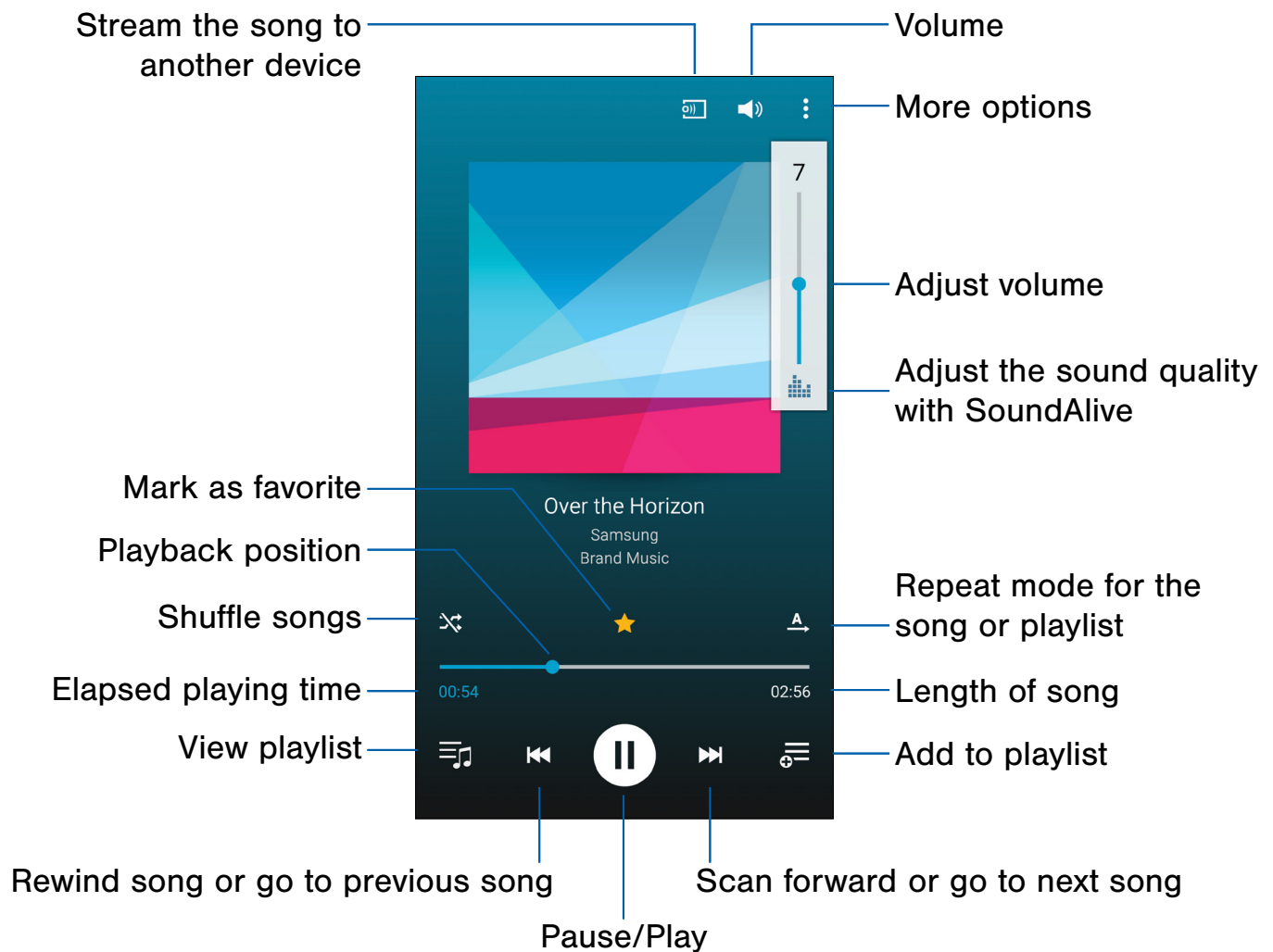
Users may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled.

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

1. From a Home screen, tap  **Messages**.
2. Tap  **More options** > **Settings** > **Emergency alerts**.
3. Tap **Emergency alerts**.
4. All alerts are enabled by default (checkmark showing). Tap an alert option to disable it.

Note: Presidential alerts cannot be disabled.

Music Player



Listen to your favorite songs with the 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.

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:

- 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).
- **Cloud storage:** Contains shortcuts to FTP servers or other cloud storage locations that you have added. This option only appears if you have added shortcuts to the My Files main screen.

To view files in My Files:

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

My Files Options

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

-  **Search:** Search for a file or folder.
-  **Storage usage:** View memory information for your device and memory card (if installed).
- Tap  **More options** for these options:
 - **Add shortcut:** Add a shortcut on the My Files main screen to any folder.
 - **Settings:** Change the settings for viewing files.

Category Options

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

1. From a Home screen, tap  **Apps** >  **My Files**.
2. Tap a category to view the relevant files or folders.
 -  **Home**: Return to the main My Files screen.
 -  **Search**: Search for a file in the selected category.
 - Tap  **More options** to find the following options:
 - **Select**: Select files or folders.
 - **Create folder**: Add a folder. 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.
 - **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.

Note: Available options vary by category.

Options for Selected Files and Folders

1. From a Home screen, tap  **Apps** >  **My Files**.
2. Tap a category to view the relevant files or folders.
3. 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 a file or folder to the Home screen.
 - **Details**: View details of the selected file(s) or folder(s).

Note: Available options vary by folder and file type.

S Health

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

Caution: The information gathered from this device, S Health, or related software is not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment or prevention of disease.

The accuracy of the information and data provided by this device and its related software, including heart rate readings, may be affected by factors such as environmental conditions, skin condition, specific activity performed while using/wearing the device, settings of the device, user configuration/user-provided information, placement of the sensor on the body, and other end-user interactions. For more information on proper wear and use, see samsung.com/us/heartratesensor.

From Home, tap  **Apps** >  **S Health**.

1. Read and accept the terms and conditions.
2. 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.

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.

S Note

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

Sign in to your Samsung 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.

Create a Note

To create a note with S Note:

1. From a Home screen, tap  **Apps** >  **S Note**.
2. Tap the  **Create new note**.
3. Use the S Pen to create content.
 - Tap **More** > **Background settings** to add templates, change the background color, and add images.
4. Tap **Save**.

Note Tools

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

Note: To use your finger to write and draw on S Notes, tap **More** > **Settings** > **S Pen only mode** to disable this restriction.



- **Pen:** Write or draw freehand with the S Pen. Tap the Pen icon once to change the Pen settings.
 - Tap  **Favorite pens** to save pen settings at the bottom of the screen.
- **Eraser:** Erase content from the note. Tap once to select the eraser. Tap again to change the Eraser settings.
- **Text:** Type text using the keyboard. Tap once to select Text mode.
- **Undo:** Undo the last action.
- **Redo:** Redo the last action.
- **Save:** Name and save the note.
- **More:** View more options for the note.

Edit a Note

To edit an S Note:

1. From a Home screen, tap  **Apps** >  **S Note**.
2. Tap a note to view it.
3. Tap **Edit** to edit the note.

Note: Action memos behave differently from other notes. When you tap on an Action memo to view it, you can edit the memo immediately.

View Action Memos

You can view S Notes and Action memos together, or you can narrow your view to Action memos.

To view Action memos in S Note:

- ▶ Tap the drop-down menu and tap **Action memos**.
 - Tap **Search** to search for action memos.
 - Tap **More** for additional options:
 - **Share:** Select action memos to share.
 - **Edit:** Select memos to delete, export, or save as an S Note.
 - **Filter by background color:** Sort action memos by background color.
 - **Settings:** Customize S Note settings.
 - **Help:** View help topics on how to use S Note.

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 the Internet app.

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

Scrapbook

The Scrapbook app provides a place for you to manage the multimedia content you capture with the S Pen tools.

Scrapbook provides storage and organization tools for content you capture while using your mobile device.

With the S Pen tools, 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.

Edit the Scrapbook

Categories and content files 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:

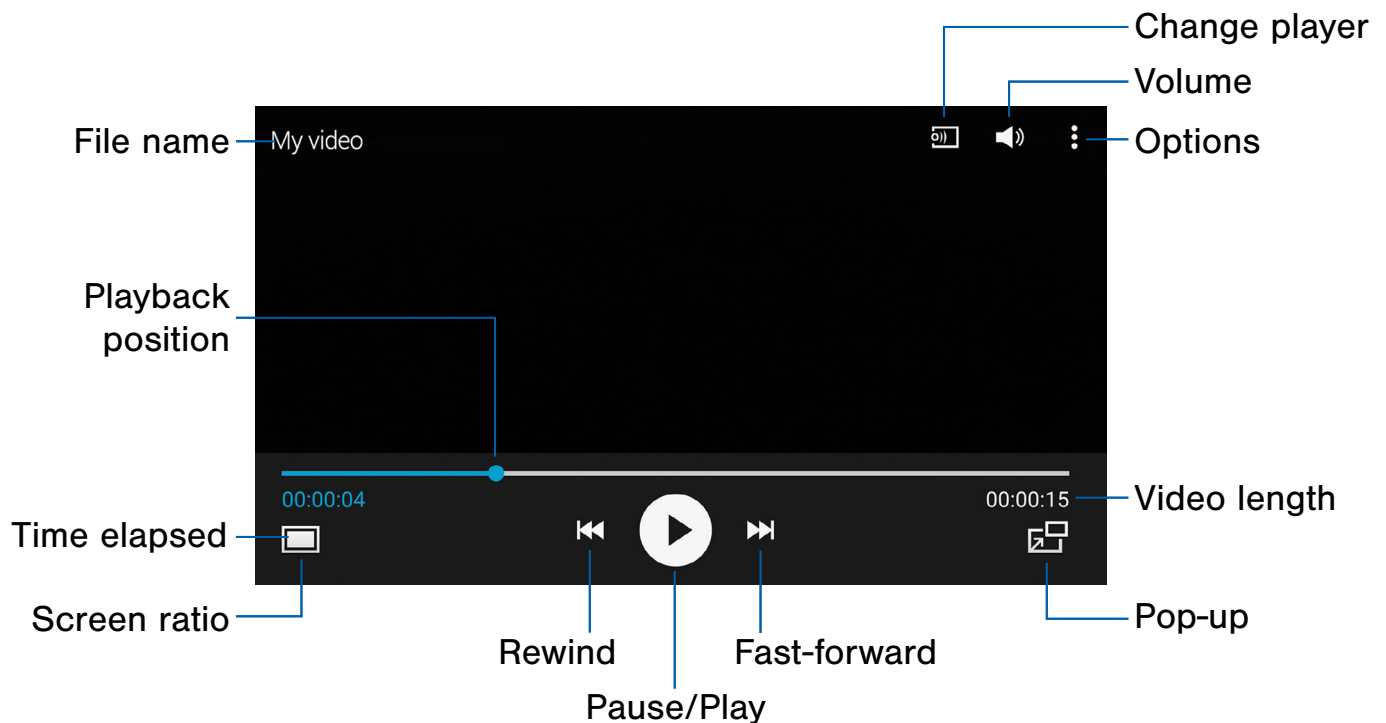
1. Tap the drop-down menu in the top left corner.
2. Select either the category or tag that contains the file to edit.
3. Tap the file to edit.
4. Tap **Edit** to change the Title, Text, or Tags as desired.
5. When finished, tap **Save**.

To edit categories:

1. From a Home screen, tap  **Apps** >  **Scrapbook**.
2. Tap  **More options** > **Manage categories**.
 - Tap  **Create category** to create a new category.
 - To delete a category, tap **Edit**, select the category, and tap **Delete**.
3. When you are finished tap  **Back**.

Video Player

Play and manage videos stored on your device.



- **Change player:** Play the video on a nearby device.
- **Volume:** Adjust the volume.
- **Options:** View more options.
- **Video length:** View the total length of the video.
- **Pop-up:** Open the video in a pop-up window.
- **Fast-forward:** Skip to the next video or fast-forward through the current video.
- **Pause or Play:** Pause or play the current video.
- **Rewind:** Restart the video, skip to a previous video or rewind the video.
- **Screen ratio:** Change the screen ratio.
- **Time elapsed:** View the time elapsed for the current video.
- **Playback position:** Skip to another part of the video.
- **File name:** View the name of the video file.

Access the Video Player

1. From a Home screen, tap  **Apps** >  **Video**.
2. Swipe 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 Player

Multitask with Pop-up player by transforming your video player into a pop-up window. The video will continue to play, and the pop-up player 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  **Pop-up player** 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.

Change the Video Screen Size

You can change the size of the video during video playback.

1. From a Home screen, tap  **Apps** >  **Video**.
2. Tap a video to view it.
3. Tap the screen ratio icon to cycle through the screen size options.

Voice Recorder

Record voice memos and notes.

Create a Voice Recording

- ▶ From a Home screen, tap  **Apps** >  **Voice Recorder**.
 - Tap  **More options** > **Settings** > **Recording quality** to adjust the recording quality.
 - Tap  **Select mode** to choose the appropriate recording mode:
 - **Normal**: This 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. Microphones 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  **Block calls** to block incoming calls while recording.
- 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  **Bookmark** to add a bookmark to this location in the recording.

View Recordings

1. From a Home screen, tap  **Apps** >  **Voice Recorder**.
2. Tap  **List** to display a list of recordings.
3. Tap  **Search** to search through available recordings.
4. Tap  **More options**:
 - **Select**: Tap recordings to select them and see the following options:
 - Tap  **Share** to share a recording.
 - Tap  **Delete** to delete one or more voice recordings.
 - Tap  **More options** to choose **Change category**, **Rename**, **Set as**, **Write to Voice Label**, or view **Details**.
 - **Sort by**: Sort the list of recordings.
 - **Filter by category**: Filter entries by category.
 - **Edit categories**: Add or edit categories.
 - **Settings**: Configure Voice Recorder.

Settings

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

How to Use Settings

Some options use an **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  checkbox. When enabled, a checkmark displays. Tap the checkmark to remove it and disable the option.

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**.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Setting search feature.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap  **Search**.
3. Enter a word or words in the Search box. As you type, settings that match will appear on the screen.
4. Tap an entry to go to that setting.

Customize the Quick Settings Menu

Quick settings are the settings that you are most likely to frequently use. When you first access the Settings menu, the Quick settings are set to a default list of settings.

Changing the Quick Settings

You can change the Quick settings list to include your most frequently used settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap  **More options** > **Edit quick settings**.
 - Select additional settings to appear in your Quick settings menu. Settings that are already in the Quick settings menu are checked.
 - Uncheck an item to remove it.
 - Check an item to add it to the Quick settings menu.
3. Tap **Done** to save your new Quick settings menu.

Change How Settings Are Listed

Settings can be listed in a list view or a tab view.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap  **More options** > **View as**.
3. Select a different view.

Wi-Fi and Wi-Fi Direct

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

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

Turn Wi-Fi On or Off

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

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on or off.

Wi-Fi Status Indicators

These Status bar icons show your current Wi-Fi connection status:

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

 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 (AP).

Scan and Connect to a Wi-Fi Network

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on.
3. When Wi-Fi is first turned on, your device will automatically scan for available networks and display them.
4. Tap the network you want to connect to.
 - When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.
 - To manually scan for networks, tap  **More options** > **Scan**.

Manually Connect to a Wi-Fi Network

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on.
3. Tap **Add Wi-Fi network**.
4. Enter information about the Wi-Fi network:
 - **Network SSID:** Enter the name of the Wi-Fi network.
 - **Security:** Tap the field and select a security option and enter your password.
 - **Show advanced options:** Tap the checkbox if you need to add advanced options such as Proxy settings, IP settings, or Key management.
5. Tap **Connect** to store the new information and connect to your target wireless AP.

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 **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on.
3. Tap **Smart network switch** to automatically switch between Wi-Fi and mobile networks to maintain a stable Internet connection.
4. Tap  **More options** for options:
 - **Scan**: Start another scan for nearby Wi-Fi networks.
 - **Wi-Fi Direct**: Configure a Wi-Fi Direct connection with a nearby device.
 - **Advanced**:
 - **Network notification**: Receive a notification when new wireless Access Points are available.
 - **Hotspot 2.0**: Connect to Hotspot 2.0 enabled Wi-Fi access points without needing a password.
 - **Sort by**: Sort Wi-Fi networks by Alphabet or Signal strength.
 - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
 - **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).
 - **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).

- **Share Wi-Fi profile**: Share Wi-Fi profiles you have created with others.
- **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 through 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 **On/Off** 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.
 - To rename your device (as seen by other devices), tap  **More options** > **Rename device**.

Wi-Fi Direct Status Indicator



Displays when connected to another device using Wi-Fi Direct.

Download Booster

Download large files (over 30 MB) faster by using Wi-Fi and LTE networks at the same time.

Note: Downloading using mobile networks may result in additional charges depending on your payment plan.

To enable Download booster:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Download booster**, and then tap **On/Off** to enable the feature.

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.

Turn Bluetooth On and Off

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn Bluetooth on or off.

Bluetooth Status Indicators

The Status bar displays  when Bluetooth is turned on.

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 **On/Off** to turn on Bluetooth.
3. When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
 - To manually perform a new scan, tap **Scan**.

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**, and then tap **On/Off** to turn Bluetooth on.
3. Tap **Bluetooth** >  **More options** > **Visibility timeout**.
4. Select a time period for your device to remain visible after you turn on visibility.

Review Files Received Through Bluetooth

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

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

Change Your Device's Name

Change the name others will use when pairing with your device through Bluetooth.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth** >  **More options** > **Rename device**.
3. Tap the current device name to edit it.
4. When finished, tap **OK**.

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 **On/Off** 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 (Unpair)

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. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap  **Settings** next to the previously paired device, and then tap **Unpair** to delete the paired device.

Tethering and Mobile HotSpot

Share your device's Internet connection with a computer that connects to your device using a USB cable or through Bluetooth.

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

Use Your Device as a Mobile Hotspot

Note: You must have a tethering plan on your service account in order to use the Mobile hotspot.

Warning: Mobile hotspot consumes battery power and uses data service.

Turn Mobile 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**.
2. Tap **Tethering and mobile hotspot** > **Mobile hotspot**.
3. Tap **On/Off** to turn the feature on or off.

Warning: By default, your device's Mobile hotspot has no security applied, and any device can connect.

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**.
2. Tap **Tethering and mobile hotspot** > **Mobile hotspot**.
3. Tap **On/Off** to turn on Mobile hotspot.
4. Activate Wi-Fi on the target device.
5. Scan for mobile hotspots, and select the target device from the list.
6. On the target device, enter your device's Portable Wi-Fi hotspot password. By default, the password is your device's phone number.

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.

Note: 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.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Tethering and mobile hotspot** > **Mobile hotspot**.
3. Tap **On/Off** to turn on the feature.
4. Tap  **More options** > **Allowed devices**, and then tap  **Add** to enter the other device's Device name and MAC address.
5. Tap **OK** to add the device.

Change the Mobile Hotspot Password

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Tethering and mobile hotspot** > **Mobile hotspot**.
3. Touch **On/Off** to turn on the feature.
4. Tap  **More options** > **Configure**.
5. Tap the **Security** field and select **WPA2 PSK** and enter a new password.

Configure Mobile Hotspot Settings

Manage your Mobile hotspot security and connecting settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Tethering and mobile hotspot** > **Mobile hotspot**.
3. Tap  **More options** > **Configure** to display options:
 - **Network SSID:** View and change the name of your Portable Wi-Fi hotspot.
 - **Broadcast network name (SSID):** Allow other devices to see your network name.
 - **Security:** Choose the security level for your Portable Wi-Fi hotspot.
 - **Password:** If you choose a security level that uses a password, enter the password. By default, the password is your device's phone number.
 - **Show password:** Display your password instead of masking it.
 - **Show advanced options:** Access advanced options, including Broadcast channel, to specify the channel your device uses for Portable Wi-Fi hotspot, Maximum connections, and Timeout settings.

Connect Your Device to a Computer Using Tethering

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Tethering and mobile hotspot**.
3. Choose a tethering method:
 - **USB tethering:** Connect the computer to the device using the USB cable, and then touch **USB tethering** to turn tethering on.

Airplane Mode

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

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

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Airplane mode**.
3. Tap **On/Off** to enable or disable the option.

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

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.
 - **Set mobile data limit:** Disable your mobile data connection when the specified limit is reached. Drag the red limit line to set the data usage 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.
 - **Upgrade data service:** Explore data plan upgrade options for your rate plan.
3. Tap  **More options:**
 - **Restrict background data:** Restrict some apps and services from working unless you are connected to a Wi-Fi network.
 - **Show Wi-Fi usage:** Display a Wi-Fi tab that shows Wi-Fi usage.
 - **Mobile hotspot:** 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.

Location Services

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

Locating Method

1. From a Home screen, tap  **Apps** >  **Settings** > **Location**.
2. Tap **On/Off** to turn on 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.
4. Tap **Improve accuracy** to use other connections for determining your location:
 - **Wi-Fi scanning:** Allow apps and services to scan for Wi-Fi networks automatically, even when Wi-Fi is turned off.
 - **Bluetooth scanning:** Allow apps to scan for and connect to nearby devices automatically through Bluetooth, even when Bluetooth is turned off.

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 turn on Location services.
3. Tap an entry to view the app's settings.

Location Services

Google Location History™ stores and uses 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 turn on Location services.
3. Tap **Google location history** and sign in to your Google Account for more options.

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 turn on Location services.
3. Tap **My places**.
 - Tap a category (**Home**, **Work**, **Car**, **School**, or **Gym**) to add a location.
 - Tap  **Add** to add additional categories.
 - To delete a custom category, tap  **More options** > **Select**, tap the category to delete, and tap  **Delete**. Confirm if prompted.

Note: Home, Work, Car, School, and Gym cannot be deleted.

More Networks

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

Nearby Device Scanning

Scan for nearby devices to connect to and set them up easily. You receive a notification when there are available devices to connect to.

Note: This function uses Bluetooth Low Energy scanning even if Bluetooth is turned off on your device.

To enable nearby device scanning:

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Nearby device scanning**.
2. Tap **On/Off** to enable the feature.
3. Tap an available device and follow the prompts.

Mobile Networks

Control your device's access to networks and mobile data service.

► From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Mobile networks** for options:

- **Mobile data:** Allow your device to connect to a mobile data network.
- **Data roaming:** Allow your device to connect to data services while roaming. Significantly higher charges may result.
- **Access Point Names:** Select the Access Point Name for mobile connection to the Internet.
- **Network mode:** Choose a preferred network mode.
- **Network operators:** Choose available and preferred networks.

Virtual Private Networks (VPN)

Set up and manage your Virtual Private Networks (VPNs).

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 VPN**.
3. Tap  **Add** and follow the prompts to set up your VPN.

Connect to a VPN

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

Edit or Delete a VPN

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

Wi-Fi Calling

Your device is equipped with Wi-Fi Calling functionality.

Note: Wi-Fi Calling is a service provided by your mobile carrier. Please contact your mobile service provider for details on cost and functionality.

To configure Wi-Fi Calling:

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks** > **Wi-Fi Calling**.
2. Tap the **On/Off** button to either enable or disable this feature.
3. Tap one of the available options to set Wi-Fi and cellular network preferences.

NFC Settings

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.

NFC and Sharing

To activate NFC:

1. From a Home screen, tap  **Apps** >  **Settings** > **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** > **NFC**.
2. Tap **On/Off** to turn NFC on.
3. Tap **Android Beam** and then 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** > **NFC**.
2. Tap **On/Off** to turn NFC on.
3. Tap **S Beam** and then 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.

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** > **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 through Wi-Fi, Wi-Fi Direct, or Mobile Hotspot.

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** > **NFC and sharing** > **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.
 - **Denied devices:** Indicate devices not allowed access to your device.
 - **Download to:** Allow downloading of data to your device or optional memory card (not included).
 - **Receive files from other devices:** Warn if a device attempts to upload data to your device.
4. Tap  **More options** > **Rename device** to rename your phone.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

To set up a printer:

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.

Screen Mirroring

Share your device's screen with another device.

To enable Screen Mirroring:

1. From a Home screen, tap  **Apps** >  **Settings** > **Screen Mirroring**.
 - Available devices are listed.
2. 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.

Note: 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** > **MirrorLink**.
3. Tap **On/Off** and follow the prompts.
4. Tap **More** > **MirrorLink device ID** to view the MirrorLink ID for your device.

Sounds and Notifications

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

Adjust the Volume

Set the system volume level, and set default volume for call ringtones, notifications, and other audio.

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 **Sounds and notifications**, and then drag the sliders to set the default volume for:
 - Ringtone
 - Media
 - Notifications
 - System

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** key, and then choose Mute, Vibrate, or Sound from the Device options.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **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. Reminders will still occur.

Vibration Intensity

Set the vibration intensity of incoming calls, notifications, and Haptic feedback.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Vibration intensity**, and then drag the sliders to set the default volume for:
 - Incoming call
 - Notifications
 - Haptic feedback
3. Tap **OK** when finished.

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 **Sounds and notifications** > **Vibrate when ringing** to turn the feature on.

Ringtones

Choose from preset ringtones or add your own.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Ringtones**.
3. Tap a ringtone to hear a preview, and then tap **OK** to set it as your default ringtone.

– or –

Tap **Add** to use a use an audio file as a ringtone.

Vibrations

Choose from preset vibration patterns or create your own pattern.

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

Notification Ringtone

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

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Notification ringtone**.
3. Tap a sound to preview it, and then tap **OK** to set it as your default notification sound.

Other Sounds

Configure out sound options.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Other sounds** for the following options:
 - **Dialing keypad tone:** Tap to play a tone when the dialing keypad is tapped.
 - **Screen lock sound:** Tap to play a sound when you unlock the screen.
 - **Charging sound:** Play a sound when a charger is connected.
 - **Touch sounds:** Play tones when you touch or tap the screen to make selections.
 - **Haptic feedback:** Tap to set the device to vibrate when you tap the **Back** key or **Recent apps** key, and for certain screen interactions.
 - **Sound when tapped:** Tap to enable auditory feedback when you touch a key.
 - **Vibrate when tapped:** Tap to enable the device to vibrate when you touch a key.

Sound Quality and Effects

You can enable sound effects when connected to a headset.

Note: Sound effects are only available when headphones or a compatible Bluetooth headset (not included) is connected.

Choose from advanced sound options to customize your audio experience.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Sound quality and effects**.
3. Tap **Adapt sound** and follow the prompts to customize your sound settings.
4. Tap **On/Off** to enable each option:
 - **UHQ upscaler:** Enhance the sound resolution of music and videos for a clearer listening experience.
 - **SoundAlive+:** Recreate the effects of rich surround sound.
 - **Tube Amp Pro:** Simulate the soft timbre of a tube amplifier.

Do Not Disturb

This setting allows you to block all notifications and alerts. The options below determine what notifications can make sounds, and during what time periods you want to enter this mode.

To activate Do not disturb mode:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Turn on now** to enable this option.

Scheduling

This option allows you to turn Do not disturb mode on or off automatically at scheduled times.

Note: Scheduling is not available if Do not disturb mode has been turned on manually.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Turn on as scheduled**, and set the Days, Start time, and End time.

Allow Exceptions

This option lets you customize which notifications are allowed while your device is in Do not disturb mode.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Allow exceptions**, and tap one of the following options:
 - No exceptions
 - Alarms only
 - Custom

Lock Screen Notifications

To define how notifications should be displayed on your phone's lock screen:

1. From a Home screen, tap  **Apps** >  **Settings**.
- ▶ Tap **Sounds and notifications** > **Notifications on lock screen** and select an option:
 - Show content
 - Hide content
 - Do not show notifications

Application Notifications

To set whether application notifications are displayed:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Application notifications**.
3. Swipe through the alphabetical list of apps and tap an app.
4. Tap **On/Off** to block all notifications from this app or to show priority notifications for the selected app.

Notification Access

To see which applications can read notifications:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Notification access**.
3. Tap **On/Off** to enable or disable access to notifications.

Display

Configure your display's brightness, screen timeout delay, and other display settings.

Brightness

Adjust the screen brightness to suit your surroundings or 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 checkmark 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.

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**.
3. Tap **Font style** to change the font.
 - Tap **Download** to find new fonts online.
4. Tap **Font size** and tap a font size.

Screen Rotation

Use the front camera to rotate the screen based on the orientation of your face.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Screen rotation** to turn the feature 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 turn the feature on.

Screen Timeout

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.

Screen Mode

Choose a screen mode to match your type of viewing. You can choose to have the 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**.

– or –

Choose a specific type of screen mode based on what you are viewing.

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 turn the feature on.

Daydream

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**.
3. 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.
 - **Photo table**: Display pictures in a photo table. Tap  **Settings** for options.
 - **Photo frame**: Display pictures in a photo frame. Tap  **Settings** for options.
 - **Photos**: Display pictures from your Google Photos account. Tap  **Settings** for options.
4. Tap **Preview** to see a demonstration of Daydream.
5. Tap **Select when to daydream** and tap **While docked**, **While charging**, or **Both**.

LED Indicator

Enable the LED indicator, which illuminates on the front of the device for such functions as charging or low battery.

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

Touch Key Light Duration

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

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

Increase Touch Sensitivity

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 turn the feature on.

Wallpaper

Change the look of the Home and Lock screens with wallpaper.

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

To change wallpaper:

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

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** > **Lock Screen**
2. Tap **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 use a Lock screen.

Screen Lock Options

All Screen Locks

- **Show information:** Display information on the Lock screen.
- **Camera shortcut:** Display a camera shortcut on your Lock screen.
- **Action memo on lock screen:** Double tap the lock screen while pressing the pen button to open Action memo.

Swipe Only

- **Phone shortcut:** Check the box to display a phone shortcut on your Lock screen.
- **Unlock effect:** Set the visual effect used when unlocking the screen.

Pattern Only

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

Pattern, PIN, Password, and Fingerprint

- **Lock automatically:** Set a time-out for the lock screen.
- **Lock instantly with power key:** Lock the screen by pressing the Power key.

Multi Window Settings

Turn on the Multi window feature.

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

1. From a Home screen, tap  **Apps** >  **Settings** > **Multi window**.
2. Tap **On/Off** to enable.
 - Tap **Open in split screen view** to automatically view content in split screen when you open files from My Files or Video, or attachments from email. The applications must support Multi window.
 - Tap **Pop-up view shortcut** to be able to swipe down diagonally from the corner of a window to put it in pop-up view.

Note: These features only work on apps that support Multi window functionality.

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.

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

– or –

From the Notification panel, tap  **View all** >  **Edit**.

To customize which quick setting buttons appear at the top of the Notification panel:

- Tap and drag buttons to between the Active buttons and Available buttons trays to reorder them.

To use the default layout:

- Tap **Reset**.

One-Handed Operation

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

1. From a Home screen, tap  **Apps** >  **Settings** > **One-handed operation**.
2. Tap **On/Off** to enable or disable the following:
 - **Reduce screen size:** Press the **Home** key three times in quick succession to reduce the size of the display.
 - **One-handed input:** Adjust the size and position of the keyboard and other input methods for easier input with one hand.
 - **Side key panel:** User your device more easily with one hand by having the hardkeys and other selected functions appear as buttons at the side of the screen.

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.
 - 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 checkbox next to the apps you want to add or remove.
3. When finished, tap **Done**.

To disable Easy mode:

1. Swipe through the Home screens and tap  **Settings** > **Easy mode**.
2. Tap **Standard mode** to switch back.
3. Tap **Done**.

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

- **Switch Access:** Use this option to control your device using configurable key combinations. Tap **On/Off** to turn the feature on.
- **TalkBack:** Speak feedback aloud to help blind and low-vision users.

Note: 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. This feature is available when TalkBack is enabled.
- **Rapid key input:** Release your finger to enter selection instead of double tapping. This feature is available when TalkBack is enabled.
- **Speak passwords:** Read the characters aloud as you enter your passwords. This feature is available when TalkBack is enabled.
- **Font size:** Set the font size.
- **High contrast fonts:** Adjust the color and outline of fonts to increase the contrast with the background.

- **Magnification gestures:** Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Hover zoom:** Magnify content by hovering the S Pen over it.
- **Notification reminder:** Play a beep when a notification for a call, message, or other communication has been missed.
- **Negative colors:** Reverse the display of screen 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.
- **Accessibility shortcut:** Quickly enable accessibility features in two quick steps. Tap **On/Off** to turn the feature on.
- **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:** For privacy, turn off all notifications and audio.
- **Hearing aids:** Improve the sound quality of your device 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.

Dexterity and Interaction

- **Assistant menu:** Improve the device accessibility for users with reduced dexterity.
- **Air wake up:** Move your hand above the sensor to turn the screen on.
- **Press and hold delay:** Select a time interval for this tap gesture.
- **Interaction control:** Block areas of the screen from touch interaction. Disable Auto rotate screen and hard key functions. Only show application notifications in the Notification panel and the Status bar.

More Settings

- **Direct access:** Open your accessibility settings by pressing the Home key three times in quick succession.
- **Answering and ending calls:** Choose shortcuts for answering and ending calls.
- **Single tap mode:** Dismiss or snooze alarms, calendar events, and timer alerts, and answer or reject incoming calls with a single tap.
- **Manage accessibility:** Import and export your accessibility settings, or 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.

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** > **Private mode**.
2. Follow the prompts to learn about and set up Private mode.

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.

Note: Fingerprint recognition uses the unique characteristics of each fingerprint to enhance the security of your device. The likelihood of the fingerprint sensor confusing even small areas of two different fingerprints is very low. **But, in rare cases the sensor may recognize a fingerprint that is similar to a registered fingerprint.**

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**.
 - If no fingerprints are registered, the manager automatically opens the **Register fingerprint** screen. To add a fingerprint, tap  **Add** and follow the instructions to register a fingerprint and password.
 - To rename a fingerprint, touch and hold the fingerprint, and then touch  **Edit**.
 - To delete a fingerprint, touch and hold the fingerprint, and then touch  **Done**.

Change Your Backup Password

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Finger Scanner** > **Change backup 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.

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 each of the following and then tap **On/Off** to enable:
 - **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:** Set the device to vibrate when you pick it up to notify you about missed calls and messages.
 - **Mute:** Mute sounds by covering the screen or turning over the device.
 - **Palm swipe to capture:** Capture an image of the screen when you sweep your hand left or right across the screen. The screenshot is saved to the clipboard and to the Screenshots folder in the Gallery app.

S Pen Settings

Configure options and settings for the S Pen.

To configure settings for the S Pen:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **S Pen** to configure the following settings:
 - **Air command:** Turn on the Air command feature.
 - **Air view:** Turn the Air view feature on.
 - **Direct pen input:** Turn the Direct pen input feature on. This feature allows you to switch from the keyboard to the S Pen when filling in form fields.
 - **Pointer:** Turn the pointer on. 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.
 - **Detachment options:** Launch Air command or create a new Action memo when you remove the S Pen.
 - **Screen off memo:** Create action memos by detaching the S Pen while the screen is off and writing on the screen.
 - **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.
 - **S Pen power saver:** Choose to turn off pen detection when the S Pen is attached to extend battery life.
 - **S Pen sound:** Tap the check box to enable sounds when writing with the S Pen.
 - **S Pen vibration:** Activate vibration feedback when writing with the S Pen. For more information on using the S Pen, see [S Pen](#).

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 one of the account types.
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 **[Account type]**.
3. Tap an account to view the sync settings for that account.
 - Check individual data items to sync.
 - Tap **More options** > **Sync now** or **Sync all** to synchronize the account.

Account Settings

Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Note: Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

1. From a Home screen, tap  **Apps** >  **Settings** > **Accounts**.
2. Tap **[Account type]**.
 - Tap an account to configure that account's settings.
 - Tap **Settings** or other available options to configure common settings for all accounts of this type.

Delete an Account

1. From a Home screen, tap  **Apps** >  **Settings** > **Accounts**.
2. Tap **[Account type]**.
3. Tap the account, and then tap  **More options** > **Remove account**. Confirm if prompted.

Google Settings

Configure your device's Google settings.

Customize Google

To customize your Google settings:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Google**, and select an option to customize:
 - **Ads**: Configure your Google advertising profile.
 - **Location**: Configure your Google location settings.
 - **Nearby**: Use your device's sensors to connect with nearby devices.
 - **Search & now**: Configure your Google search settings and Google Now settings.
 - **Security**: Configure the Android Device Manager and apps security settings.
 - **Set up nearby device**: Set up another device using Wi-Fi and Bluetooth.

Note: These options may change if you are signed in to your Google Account.

Cloud

Back up your personal data using your Samsung Account or Dropbox.

Using Your Samsung Account

1. From a Home screen, tap  **Apps** >  **Settings** > **Cloud**.
2. Tap your Samsung account to manage your sync settings and backup options.

– or –

If you have not signed in to your Samsung Account, tap **Add Samsung account**.

- **Backup:** Tap to manage your back up and restore options.
- **Restore:** Tap to retrieve data from your Samsung account.

Using Your Dropbox Account

For more information about Dropbox, visit dropbox.com.

1. From a Home screen, tap  **Apps** >  **Settings** > **Cloud**.
2. Tap your Dropbox account to manage your sync settings and backup options.
 - If you have not signed in to your Dropbox account, tap **Link Dropbox account**.
 - Follow the prompts to set up and use Dropbox.

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.

Reset Network Settings

You can reset Wi-Fi, Mobile data, and Bluetooth settings with Reset network settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** > **Reset network settings**.
3. Tap **Reset settings**, and confirm when prompted.

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.

Collect Diagnostics

This feature collects diagnostic data from your device so that T-Mobile technicians can better troubleshoot issues with your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** > **Collect diagnostics**.
3. Tap **Diagnostics** and read the information. Choose to enable the feature by checking **Agree**.
 - Tap **More info** to display additional information or tap **Next** to display the Issue Assist screen.
4. Tap **Issue assist** and read the information. Tap **Accept** or **Decline**.
5. Tap **Personalized offers** and read the information. Tap **Accept** or **Decline**.

Language and Input Settings

Configure your device's language and input 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**.
3. Select a keyboard.

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

Samsung Keyboard

Configure options for using the Samsung keyboard.

1. From a Home screen, tap  **Apps** >  **Settings** > **Language and input**.
2. Tap **Samsung keyboard** for options:
 - **English(US):** Set the keyboard type: Qwerty keyboard or 3x4 keyboard.
 - **Select input languages:** Choose which languages are available on the keyboard. To switch between languages, slide the Space bar sideways.

- **Predictive text:** Predictive text suggests words that match your text entries, and can automatically complete common words. Predictive text can learn your personal writing style from your contacts, messages, Gmail, and social networking sites—improving its accuracy of predicting your text entries.
- Additional keyboard settings provide assistance with capitalization, punctuation, and much more.

Google Voice Typing

Speak rather than type your text entries using Google voice typing.

1. From a Home screen, tap  **Apps** >  **Settings** > **Language and input**.
2. Tap **Google voice typing** for options:
 - **Languages:** Select languages for Google voice typing.
 - **“Ok Google” detection:** Launch a Google search whenever you say “OK Google”.
 - **Hands-free:** Allow requests with the device locked.
 - **Speech output:** Select options for spoken feedback.
 - **Offline speech recognition:** Download and install speech recognition engines, allowing you to use voice input while not connected to the network.
 - **Block offensive words:** Hide search results that contain offensive words.
 - **Bluetooth headset:** Use audio input from a Bluetooth headset (not included) if one is connected.

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** > **Language and input**.
2. Under **Handwriting recognition**, tap **Language**.
3. Tap **More languages** to select a new language.

Text-To-Speech Options

Configure your Text-to-speech (TTS) options. TTS is used for various accessibility features, such as TalkBack. For more information, see [Accessibility](#).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Text-to-speech options** for options:
 - Choose either the Samsung or Google text-to-speech engine. Tap  **Settings** 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 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**.
2. Tap **Language and input** > **Read notifications aloud**.
3. Touch a checkbox 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**.
3. Drag the slider to set the speed of the pointer.
4. Touch **OK** to save your setting.

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**. The following options appear:
 - **Automatic date and time**: Tap the checkbox to use the time on the mobile and/or Wi-Fi network. If this option is checked, you cannot manually set the date and time.
 - **Set date**: Tap to manually set the date. This option is locked if **Automatic date and time** is enabled.
 - **Set time**: Tap to manually set the time. This option is locked if **Automatic date and time** is enabled.
 - **Automatic time zone**: Tap the checkbox to use the time zone detected on the mobile and/or Wi-Fi network. If this option is checked, you cannot manually set the time zone.
 - **Select time zone**: Tap to manually set the time zone. This option is locked if **Automatic time zone** is enabled.
 - **Use 24-hour format**: Tap to use 24-hour format (as opposed to 12-hour with AM and PM).

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.
4. Tap **Geo News notification pop-ups** to receive pop-up alerts.

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.
 - **Send pictures:** Send photos taken with the front and back cameras to your emergency contacts.
 - **Send sound recording:** Send a short audio message to your emergency contacts.

To send a help message:

- Press the **Power** key quickly three times.

Manage Primary 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 primary contacts**.
3. Tap **Create primary contact** and choose one of the following options:
 - **Create contact:** Enter a name and phone number for a new emergency contact.
 - **Select from contacts:** Designate a contact to be an emergency contact.

Accessories

Configure options when using HDMI audio devices (not included).

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

Battery

View how battery power is used for device activities.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Battery** for options:
 - **Battery usage:** View battery usage since the battery was last fully charged.
 - **Power saving mode:** Save battery power by limiting your device's performance, limiting vibration feedback, and restricting location services and most background data.
 - **Ultra power saving mode:** Save battery power by applying a simplified grayscale theme to your Home screen and limiting the number of usable apps.
 - **Detail:** View details on apps that have an abnormal amount of battery usage.
 - **Percentage on status bar:** Display the battery charge percentage next to the battery icon on the Status bar.
 - **Fast cable charging:** Charge the battery more quickly.

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 bar displays total space and space used.
3. Tap **Internal storage** for the following:
 - **Total space**: The total space in your device's memory.
 - **Available space**: The amount of storage space currently available.
 - **System memory**: The minimum amount of storage space required to run the system.
 - **Used space**: The amount of storage space currently being used.
 - **Other**: The space used by app data, downloaded files, and Android system files.
 - **Cached data**: The amount of data currently cached.
 - **Explore**: Launch My Files to view content stored on your device.

To increase available memory:

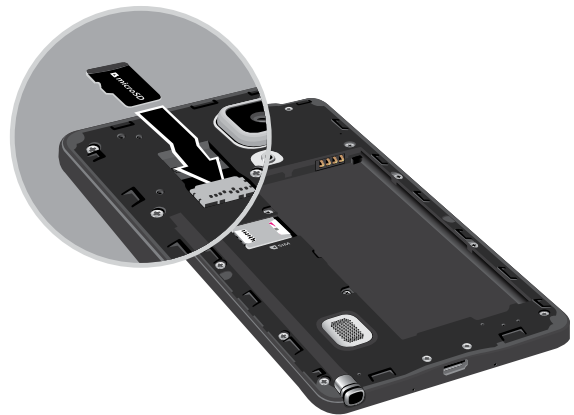
1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Internal storage**.
3. Tap **Cached data** to clear cached data for all apps.
4. Tap **Delete** to confirm.

Memory Card (SD Card)

Once an optional 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 an optional microSD or microSDHC card (not included) to add additional memory space to your device.



1. Remove the back cover. For more information, see [Remove the Back Cover](#).
2. With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place.
3. Replace the back cover. For more information, see [Replace the Back Cover](#).

Mount a Memory Card

When you install an optional memory card, 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** > **SD card** > **Mount**.

Unmount a Memory 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** > **SD card** > **Unmount**.

Remove a Memory Card

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

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **SD card** > **Unmount**.
3. Remove the back cover. For more information, see [Remove the Back Cover](#).
4. Carefully pull the memory card out of the slot.
5. Replace the back cover. For more information, see [Replace the Back Cover](#).

Format a Memory Card

Warning: When formatting an SD card, you should 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** > **SD card** > **Format** and follow the prompts.

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 applications.

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:
 - **Encrypt device:** Follow the prompts to encrypt all data on your device.
 - **Encrypt SD card:** Encrypt data on a memory card (not included).

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

Locate a Lost Device

Protect your device from loss or theft 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**.
2. Tap **Security** > **Remote controls** and follow the prompts to set up Remote controls.

Receive an Alert When Your SIM Card Is Changed

Prevent unauthorized changes to your SIM card by being alerted whenever an app or service attempts to change data on your SIM card.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** > **SIM change alert** and follow the prompts.

Go to the Find My Mobile Website

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** > **Go to website** and follow the prompts.
 - To access your device remotely, visit findmymobile.samsung.com.

Prevent Others from Reactivating Your Device

Stop others from reactivating your device after it has been reset remotely.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** > **Reactivation lock** to enable the feature.

Set Up or Change Your SIM Card Lock

Use this option to set up your password when one is first required or change your current password.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** > **Set up SIM card lock** and follow the prompts.

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 turn the feature on.

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 through 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.

Advanced Security

Protect your device with these advanced security options.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for options:
 - **Trust agents:** Set screen lock type to use.
 - Only available when a secure screen lock is set.
 - **Pin windows:** Pin a specific app on your device screen. Follow the prompts.
 - **Usage data access:** View which applications can access your device's usage history.
 - **Smart Lock:** Set your phone to stay unlocked when you have trusted devices connected or when it's in a trusted place.
 - Only available when a secure screen lock is set.
 - **Do not disturb permission:** View which apps have permission to change the Do not disturb settings.

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
 - Getting started
 - Applications
 - Settings

About Your Device

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 device**, and then tap items for more details:
 - **Download updates manually:** Check for and install available software updates.
 - **Scheduled software updates:** Set a time to automatically check for and install software updates.
 - **Status:** View the status of the battery, network, and other information about your device.
 - **Legal information:** View your device's open source licenses and Google legal information, including your embedded Samsung legal information.
 - **Report diagnostic info:** Give consent to provide diagnostic and usage data to Samsung to help improve the quality and performance of its products and services.
 - **Device name:** View and change your device's name.
 - Additional device information includes the Model number, Android version, Build number, and more.

Application Manager

Manage settings for applications on your device.

Application Manager

You can download and install new applications on your device. Use Application manager settings to manage 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, you operate this software at your own risk.

Application Manager Options

If you have disabled apps, you can choose whether to display them.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Applications** > **Application manager**.
3. If you have disabled applications:
 - Tap  **All apps** at the top left of the screen.
 - Tap **All apps**, **Enabled**, or **Disabled**.
4. Tap  **More options** for the following options:
 - **Show/Hide system apps:** Show or hide system (background) apps.
 - **App permissions:** View permission types for your device and which apps have those permissions.
 - **Apps that can appear on top:** Choose apps that can run on top of other running apps.
 - **Change system settings:** Select which apps can change system settings.

- **Reset app preferences:** Reset options that have been changed. Existing app data is not deleted.

Note: Options vary by application.

Manage Apps

You can view and update information about an application, including memory usage, default settings, and permissions.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Applications** > **Application manager**.
3. Tap an application to view and update information about the application. The following options are displayed:
 - **Uninstall/Disable:** Uninstall or disable the application. Preloaded apps can only be disabled.
 - **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.
 - **Storage:** Manage the app's storage usage.
 - **Data usage:** View mobile data usage.
 - **Permissions:** View permissions granted to the app for access to your device's information.
 - **Notifications:** Configure notifications from the app.
 - **Set as default:** Set the app as a default for a certain category of apps.
 - **Battery:** View battery usage since the last full charge.
 - **Memory:** View memory usage.

Default Applications

If you have multiple applications of the same type, such as email apps, you can select one app to be the default.

You can also use a simpler Home screen that provides an easier user experience for first-time smartphone users.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Applications** > **Default applications**.
3. Tap the following to choose default apps:
 - **Browser app**: Choose a default browser app.
 - **Calling app**: Choose a default calling app.
 - **Messaging app**: Choose a default messaging (text and multimedia) app.
 - **Set as default**: Choose default apps for other functions.
 - **Home**: Choose a Home screen type.
 - **Device assistance app**: Choose an app that provides assistance for using your device.

Application Settings

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

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