Samsung

GALAXY Note® 4

SMARTPHONE

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 and reproductive toxicity. 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: http://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.

IF YOUR CARRIER PROHIBITS THIS, IF YOU ATTEMPT TO DOWNLOAD SOFTWARE ONTO THE DEVICE WITHOUT AUTHORIZATION, YOU WILL BE NOTIFIED ON THE SCREEN THAT UNAUTHORIZED SOFTWARE HAS BEEN DETECTED. YOU SHOULD THEN POWER DOWN THE DEVICE AND CONTACT YOUR CARRIER TO RESTORE THE DEVICE TO THE CARRIER AUTHORIZED SETTINGS.

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: www.samsung.com/us/knox. [030115]

Samsung Electronics America (SEA), Inc

Address:

85 Challenger Road
Ridgefield Park,
New Jersey 07660

Phone:
1-800-SAMSUNG (726-7864)

Internet Address:
www.samsung.com

©2015 Samsung Electronics America, Inc.
Samsung, Galaxy, Galaxy Note, S Pen, Multi window, and S Health are registered trademarks of Samsung Electronics Co., Ltd.

Do you have questions about your Samsung Mobile Device?

For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at: www.samsung.com/us/support

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.

Nuance®, VSuite™, T9® Text Input, and the Nuance logo are trademarks or registered trademarks of Nuance Communications, Inc., or its affiliates in the United States and/or other countries.

The Bluetooth® word mark, figure mark (stylized "B Design"), and combination mark (Bluetooth word mark and "B Design") are registered trademarks and are wholly owned by the Bluetooth SIG.

microSD™ and the microSD logo are Trademarks of the SD Card Association.

Google, the Google logo, Android, the Android logo, Google Play, Gmail, Google Maps, Google Music, Google Hangouts, Picasa, Play Newsstand, YouTube, and other marks are trademarks of Google Inc.

Wi-Fi is a registered trademark of the Wireless Fidelity Alliance, Inc.

Swype and the Swype logos are trademarks of Swype, Inc.

Devices purchased for use on AT&T's system are designed for use exclusively on AT&T's system. You agree that you won't make any modifications to the Equipment or programming to enable the Equipment to operate on any other system. A voice plan is required on all voice-capable devices, unless specifically noted otherwise in the terms governing your agreement. Some devices or plans may require you to subscribe to a data plan.

Your phone is designed to make it easy for you to access a wide variety of content. For your protection, AT&T wants you to be aware that some applications that you enable may involve the location of your phone being shared. For applications available through AT&T, AT&T offers privacy controls that let you decide how an application may use the location of your phone and other phones on your account. However, AT&T's privacy tools do not apply to applications available outside of AT&T. Please review the terms and conditions and the associated privacy policy for each location-based service to learn how location information will be used and protected.

Your phone may be used to access the Internet and to download, and/or purchase goods, applications, and services from AT&T or elsewhere from third parties. AT&T provides tools for you to control access to the Internet and certain Internet content. These controls may not be available for certain devices which bypass AT&T controls.

AT&T may collect certain types of information from your device when you use AT&T services to provide customer support and to improve its services. For more information on AT&T's Privacy Policy, visit www.att.com/privacy.

Online Legal Information

The online version of the Health/Safety and Warranty guide for your device can be found at:

English
www.samsung.com/us/Legal/Phone-HSGuide

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

The online version of the **End User Licensing Agreement** for your device can be found online at: www.samsung.com/us/Legal/SamsungLegal-EULA1.

Table of Contents

Getting Started 1
- Front View 2
- Back View 3
- Assemble Your Device 4
- Set Up Your Device 7
- Set Up Accounts on Your Device 8
- Set Up and Access Voice Mail 9

Know Your Device 10
- Home Screen 11
- Status Bar 14
- Navigation, Motions, and Gestures 15
- Notification Panel 16
- S Pen 17
- Multi Window 21
- Enter Text 24

Calling 26
- Make and Answer Calls 27

Applications 31
- Apps Screen 32
- Google Applications 34
- AT&T Applications 36
- Other Applications 38
- Calculator 40
- Calendar 41
- Camera and Video 42
- Clock 45
- Contacts 46
- Email 50
- GALAXY Apps 51
- Gallery 52
- Internet 54
- Messages 56
- Music Player 59
- My Files 60
- PEN.UP 62
- S Health 63
- S Note 64
- S Voice 66
- Scrapbook 67
- Smart Remote 68
- Video Player 69
- Voice Recorder 70

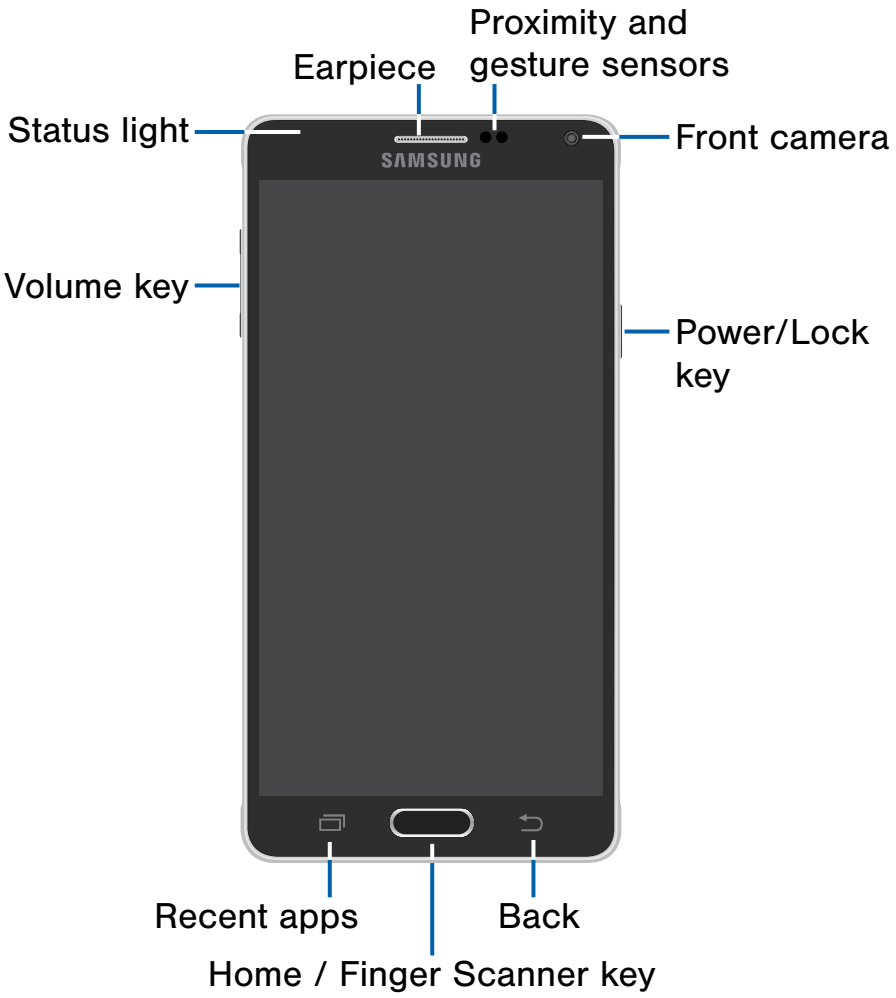
Settings 71
- How to Use Settings 72
- Wi-Fi Settings 73
- Wi-Fi Direct 75
- Bluetooth 76
- Tethering and Wi-Fi Hotspot 78
- Airplane Mode 79
- Data Usage 80
- Location Settings 81
- More Networks 82
- Share Files with NFC 83
- Nearby Devices 84
- Printing 85
- Screen Mirroring 86
- MirrorLink 87
- Sounds and Notifications 88
- Display Settings 91
- Wallpaper Settings 94
- Home Screen Settings 95
- Lock Screen 96
- Multi Window Settings 98

Notification Panel 99
One-Handed Operation 100
Easy Mode 101
Accessibility 102
Private Mode 104
Finger Scanner 105
Motions and Gestures 106
S Pen 107
Accounts 108
Backup and Reset 109
Language and Input Settings 110
Date and Time Settings 113
Safety Assistance 114
Accessories 116
Battery 117
Power Saving 118
Storage 119
Security 121
Help 124
About Your Device 125
Application Manager 126
Default Applications 128
Applications Settings Shortcuts 129

Getting Started

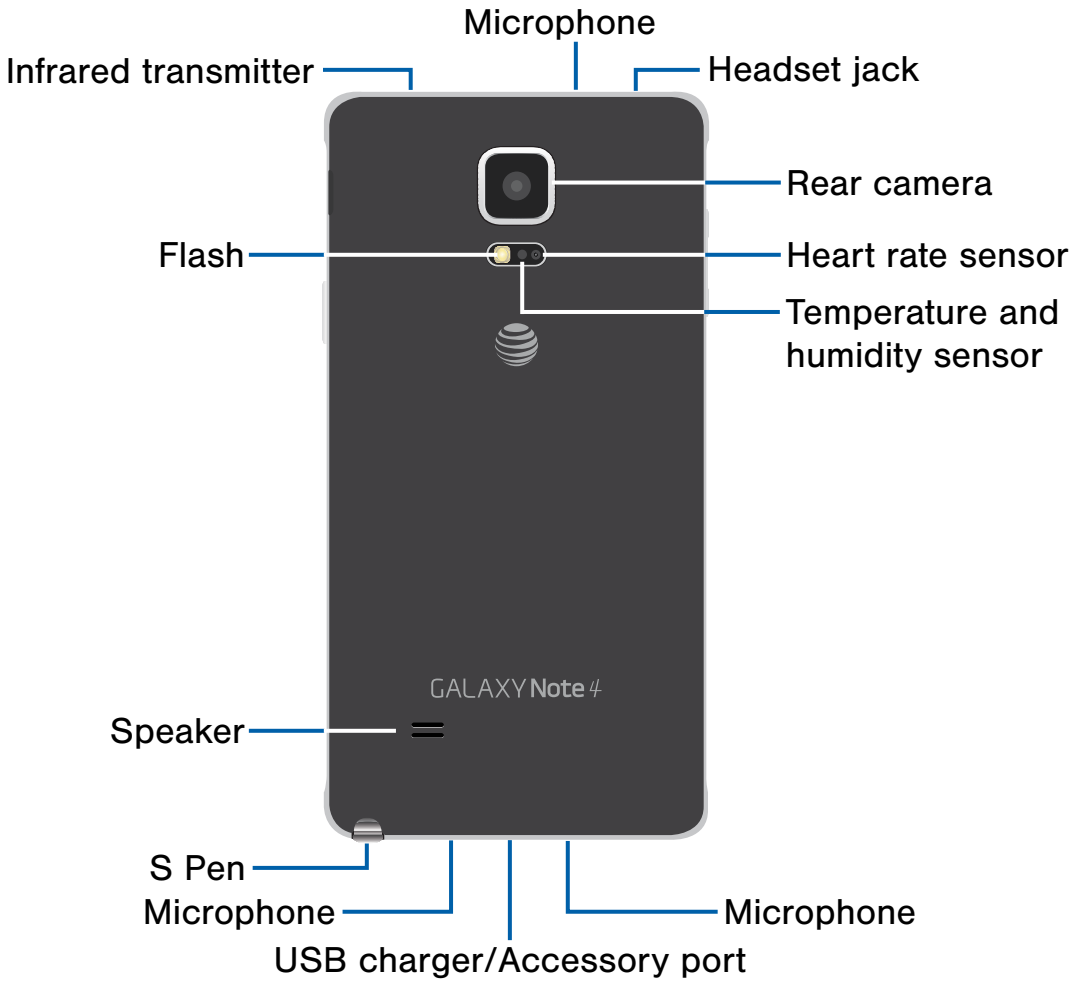
Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

Front View



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

Back View

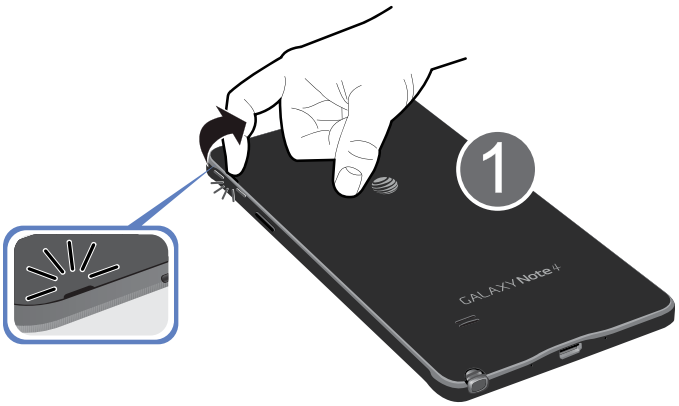


- **Flash**: Illuminate subjects in low-light environments when taking a photo or recording video.
- **Headset jack**: Connect an optional headset (not included).
- **Heart rate sensor**: When using the S Health app, this sensor measures your heart rate via your fingertip.
- **Infrared transmitter**: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

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 and to the right of the phone.



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

Install the SIM Card

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

Warning: 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.

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

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

Install a Memory Card

Your device supports removable microSD or microSDHC memory cards (not included) to expand available memory space with maximum capacities of 64 GB (depending on the memory card manufacturer and type)..

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



Charge the Battery

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

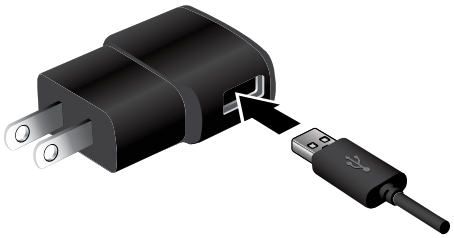
The battery comes partially charged. A fully discharged battery requires up to four hours of charge time. You can use the device while charging.

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

Note: For fastest charging times, use the Adaptive Fast Charging charger that came with your phone. This charger provides faster charging only when connected to devices that have Adaptive Fast Charging.



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



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

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

When to Charge the Battery

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

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

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

► For a quick check of your battery level, view the battery charge indicator located in the 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 or Off

Turn the Device On

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

Turn the Device Off

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

AT&T Ready2Go

The first time you turn your device on, the AT&T Ready2Go 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.

If you touch **not now** > **exit**, you can set up your device later. You can access Ready2Go by tapping **Apps** > **AT&T Ready2Go**.

Secure Your Device

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

Lock the Device

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

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

Unlock the Device

The default Screen lock on your device is Swipe.

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

Set Up a Secure Screen Lock

The default Screen lock is Swipe, which offers no security. To choose a more secure screen lock, see 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** > **GENERAL** tab > **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** > **GENERAL** tab > **Accounts** > **Add account** > **Samsung account**.

Set Up and Access Voice Mail

Set Up Your Voice Mail

1. From the Home screen, tap **Phone**, then tap **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 Voice Mail

1. From the Home screen, tap **Phone**, then tap **Voicemail**.

   You may be prompted to enter a password.
2. When connected, follow the voice prompts from the voice mail center.

Access Your Voice Mail From Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your password and you are connected to your Voice Mail.

Visual Voicemail

Use AT&T 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, share, delete, or save.

To get started:

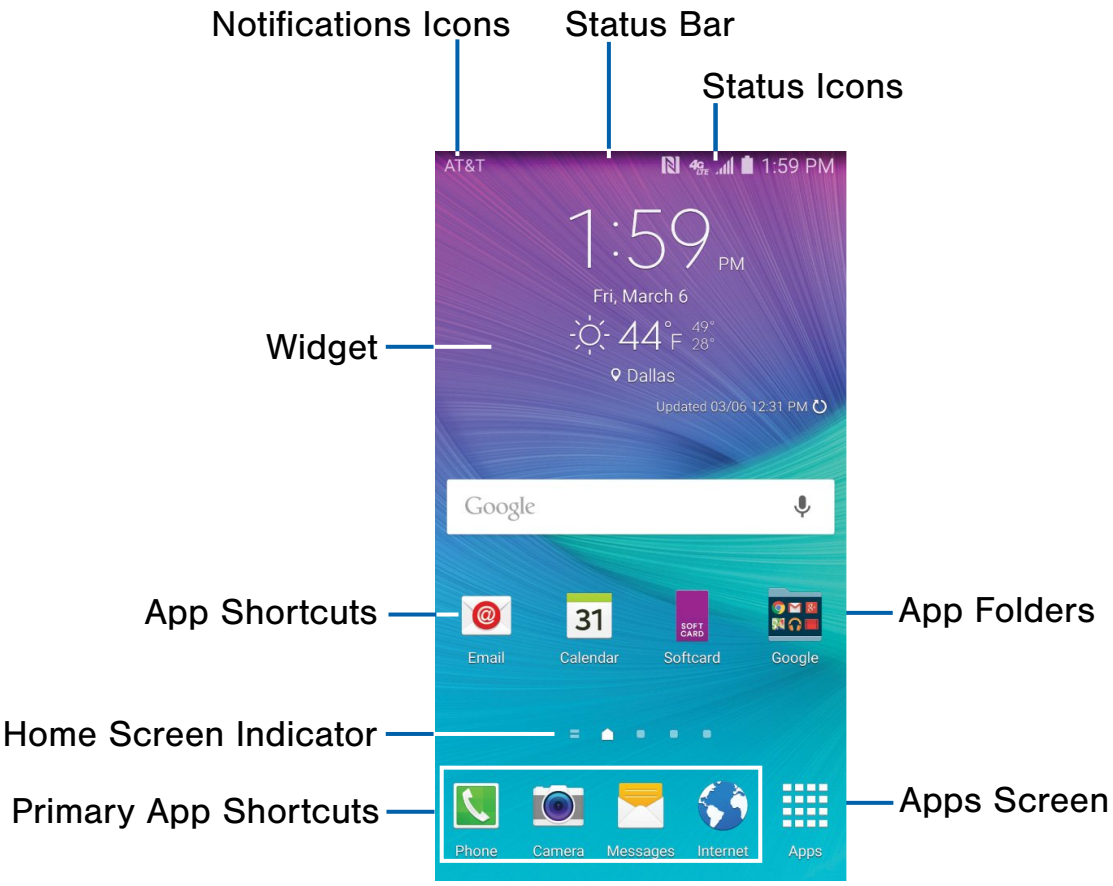
1. From a Home screen, tap **Apps** > **Visual Voicemail**.
2. Read the onscreen instructions and touch **START**.

Know Your Device

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

Warning: Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Home Screen



- **App Folders**: For your convenience, there are several Google applications grouped into a folder on the Home screen.
- **App Shortcuts**: Shortcuts to your favorite applications.
- **Apps Screen**: Allows quick access to all of your applications.
- **Home Screen Indicator**: Indicates which Home screen is presently displayed. Swipe across the screen to the right to open the Flipboard Briefing screen.
- **Notification Icons**: Display new messages and emails, notifications, available software updates, and so on.
- **Primary App Shortcuts**: App shortcuts that appear on all Home screens.
- **Status Bar**: Displays device status icons (right) and notification icons (left).
- **Status Icons**: Display information about the device, such as the network signal strength, battery level, the time, and so on.
- **Widget**: Self-contained application that runs on a Home screen (not shortcuts).

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 **Remove**.
   - **Set a screen as the main Home screen**: Tap **Main Home screen** at the top of a screen. This screen displays when you press the Home key.
   - **Change the order of screens**: Touch and hold on a screen, and then drag to a new position.
   - 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 **Remove** and release it.

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

Widgets

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

Add a Widget to 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 **Remove** 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 shortcuts inside.

Use Folders

1. Tap a folder to open it and access the shortcuts inside.
   - Tap **More options** to change the folder's color scheme.

- 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.

Change the Wallpaper

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

1. From a Home screen, pinch the screen.

   – or –

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

	Battery is fully charged.
	Battery is low.
	Battery is charging.
	Vibrate mode is enabled.
	Mute mode is enabled.
	The device is connected to a 4G LTE wireless network.
	Signal strength.
	Wi-Fi is active.
	No wireless network is available.
	NFC (Near-Field Communication) is enabled.

Notification Icons

	Missed call.
	Call in progress.
	Call is on hold.
	Call is using speakerphone.
	New email has arrived.
	New Gmail has arrived.
	New voicemail message has been received.
	New text or multimedia message has arrived.
	Download of a file or app is in progress.
	File is being uploaded or sent.
	Location service (GPS) is active.
	App updates are available from the Google Play Store.
	App installation or updates are complete.
	Keyboard is in use.
	Connected to a computer using a USB cable.

Navigation, Motions, and Gestures

Touchscreen Navigation

Tap

Lightly tap items to select or launch them.

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

Touch and Hold

Activate onscreen items by a touch and hold gesture. For example:

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

Swipe or Slide

To 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

To drag, touch and hold on 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 in or out while viewing a picture or a web page.
- Spread the screen to zoom in or out while taking a picture.

Motions and Gestures

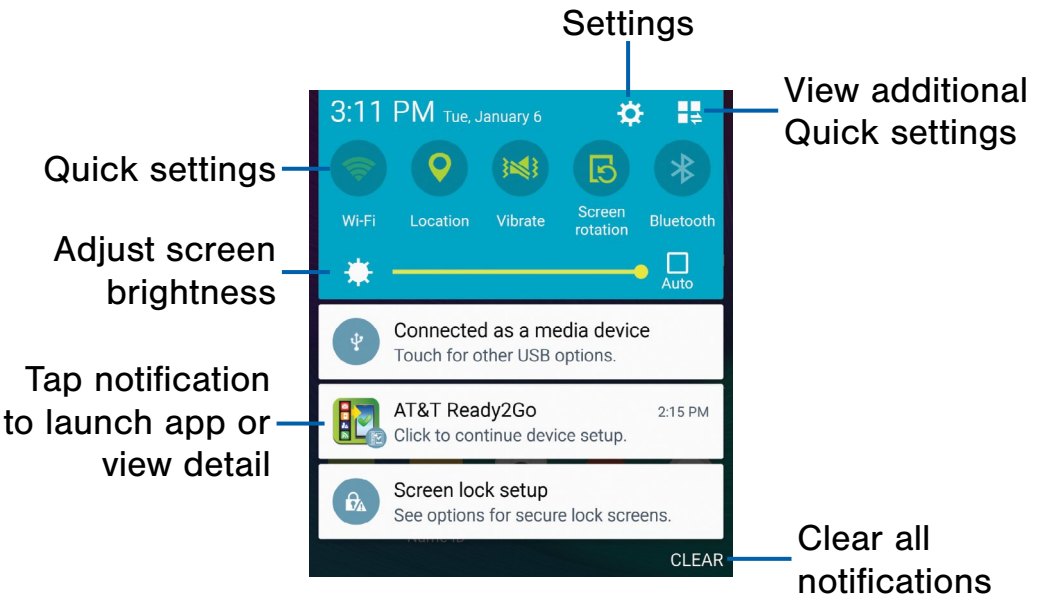
Control your device by making specific gestures with your hand above the device's screen.

Enable Motions and Gestures

1. From a Home screen, tap **Apps** > **Settings** > **CONTROLS** tab > **Motions and gestures**.
2. Tap each option and then tap **ON/OFF** to enable each feature.

For details, see 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:

► From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab > **Notification panel**.

S Pen

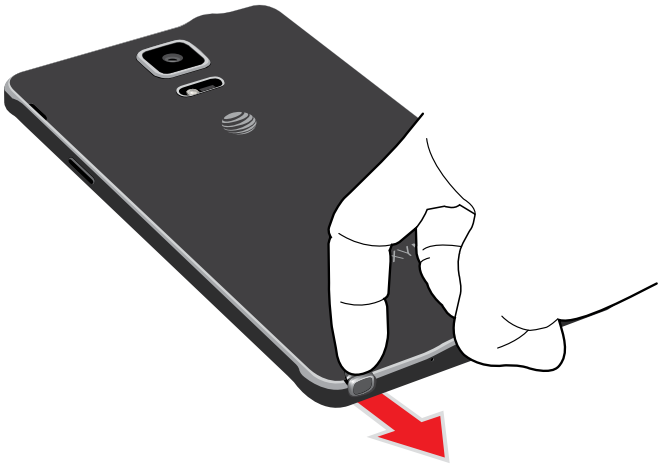
The S Pen is a stylus that assists you in performing different functions. Switch between touch and pen input by using the S Pen button.



Remove S Pen

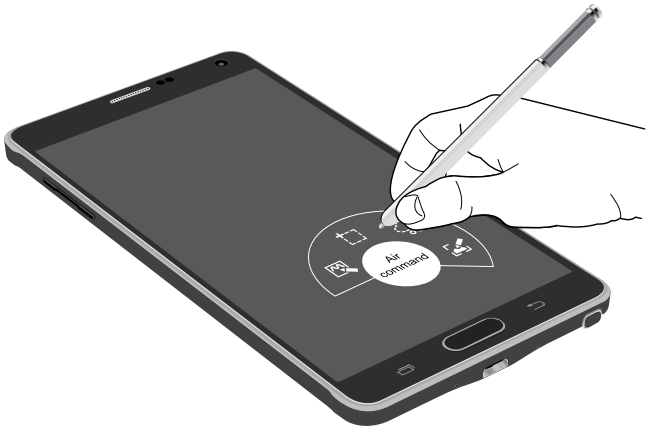
The S Pen stores inside your device for convenient access.

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



Air Command

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



To launch the Air command menu:

► Remove the S Pen from the S Pen slot, hold the S Pen near the screen so that the pointer appears, and press the **S Pen** button once.

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

Smart select: Draw around an area with the S Pen to collect a variety of content.

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

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

Action Memo

An Action memo is a Quick Note that is linked to actions. To open a Quick Note:

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

– or –

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

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

See Action Memos for more information.

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:

► Launch the **Air command** menu and select **Smart select**.

To capture an item on the screen:

► Simply draw around the item. The captured item appears on the screen and can be saved to the Scrapbook or shared. The following options are available:

- Tap the **Collect** icon to collect the content. It will appear in minimized form on the screen until you save or delete the capture.
- Tap the **Scrapbook** icon to save the content in the Scrapbook. See Scrapbook for more information.
- Tap the **Share via** icon to share the captured content with your contacts.

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

- Tap the **Collect more** icon to take another Smart Select capture.
- If more than one capture has been taken, tap the **Expand** arrow to view all of the capture thumbnails.
- Tap a thumbnail to view the capture and see the options available. You can save the captured content to the Scrapbook, share the capture, or delete it.
- To delete captured content, tap the thumbnail to view it. Touch and hold the capture to be deleted, select all items to delete, and then tap the **Delete** icon.

Image Clip

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

To use Image clip:

1. Launch the **Air command** menu and select **Image clip**.
2. Use the S Pen to draw around the content you want to capture.

   The selected clip is centered on the screen. To refine your selection, use the Transform buttons. You can choose your hand drawn shape, regular shapes, or a magnetic auto shape.
3. Once you decide on a shape, select one of the following options:
   - Tap the **Scrapbook** icon to save the content in the Scrapbook. See Scrapbook for more information.
   - Tap the **Share via** icon to share the captured content with your contacts.

Screen Write

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

1. Launch the **Air command** menu and select **Screen write**.
2. The current screen is captured and a pen tool appears. The following editing tools are provided:
   - **Pen**: Draw on the screen shot. Tap 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 Clear all option.
   - **Crop**: Crop the screenshot. Tap the **Crop** icon a second time to change the crop shape.
   - **Undo**: Tap to undo the last action.
   - **Redo**: Tap to redo the last action that was undone.
3. When you are finished writing, tap:
   - **Share via** to share the image using another app. The screen shot is saved in the Gallery app.
   - **Cancel** to delete the shot.
   - **Save** to save the screen shot.

Air View

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

- Hover over an email in a list to preview the message before opening it.
- Hover over a photo album to preview the contents or see a picture enlarged.
- Hover over the time line during video playback to preview and navigate to specific scenes.
- Hover over an icon or screen button to view the item's name or description.

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

Direct Pen Input

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

To use the Handwriting window:

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

Add Annotations to Your Photos

Use S Pen to annotate your photos.

Note: Adding annotations to a photo creates a copy of the photo. The original photo is not modified.

1. From a Home screen, tap **Apps** > **Gallery**.
2. While viewing a photo, tap **More options** > **Write on image**.
3. Use the S Pen to annotate the photo. Tap

   Save to save the annotated photo.

Configure S Pen Settings

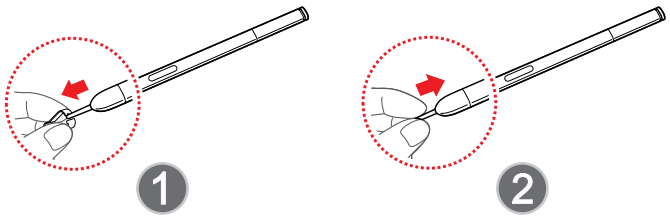
To configure S Pen settings, including options for sounds and for tracking S Pen when it is not stored in your device:

► From a Home screen, tap **Apps** > **Settings** > **CONTROLS** tab > **S Pen**.

Replace the S Pen Tip

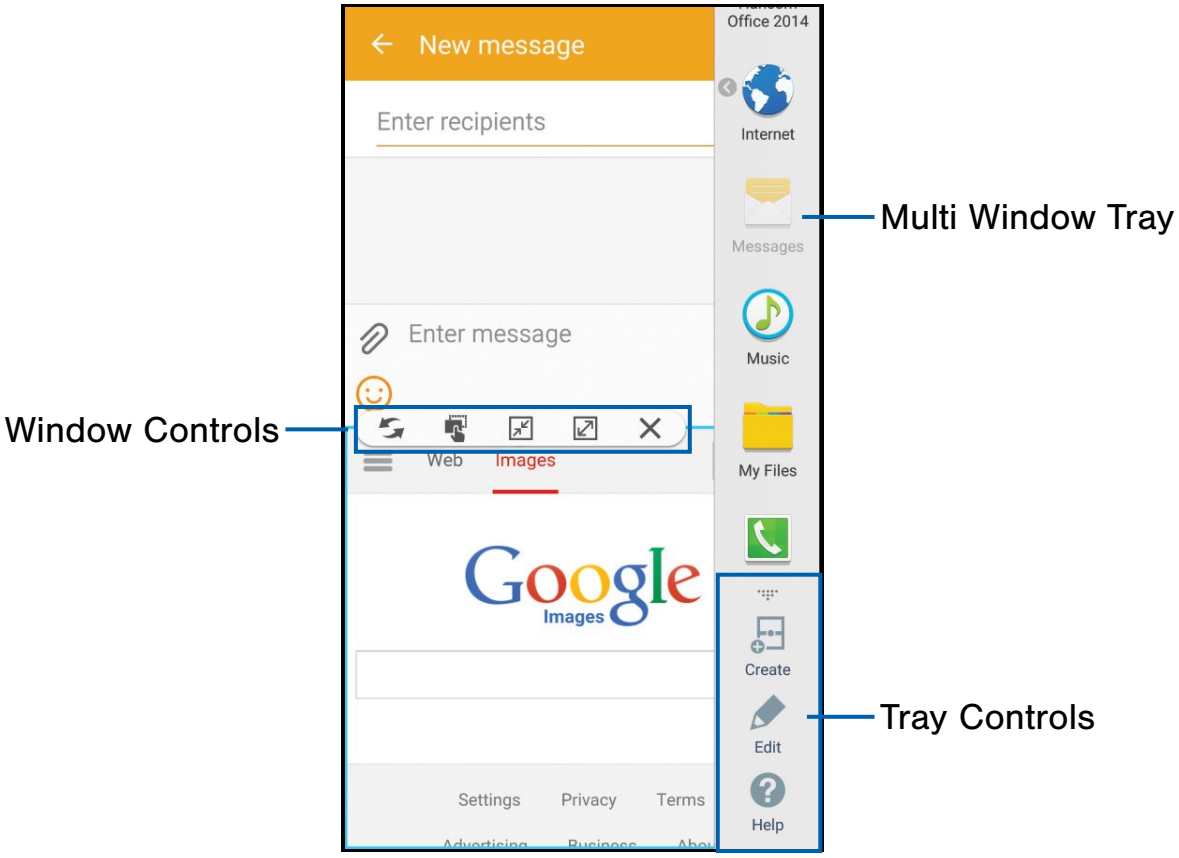
You can replace the tip of the S Pen.

To replace the tip:



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

Multi Window



Multi-task by using multiple applications at the same time.

Activate Multi Window

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab > **Multi window**.
2. Tap **ON/OFF** to activate.
3. Tap the following options if you want to activate them:
   - **Open in split screen view**: Automatically view content in Multi Window when you open files from My Files or Video player, or attachments from email.
   - **Pop-up view shortcut**: Change apps in pop-up view by swiping down diagonally from the edge.

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.

Note: Only apps located on the Multi Window tray can be used together. Additional Multi Window apps are available from the Google Play Store.

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

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

You can also launch recently used apps directly into Multi window view:

1. Tap **Recent apps**.
2. Recently used apps that support Multi Window have a **Multi Window** icon in the title bar. Tap the Multi window icon in the title bar to launch the application in Multi window view.
3. Other recently used apps that support Multi window appear below the launched app. Tap the app icon to add it to the Multi window view.

Note: Only applications that support Multi Window have the Multi Window icon.

Window Controls

Select an application window and tap **Control** in the middle of the windows to display the window controls:

Control Buttons	
	Switch windows: Switch the positions of two Multi window applications.
	Move content: Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.
	Collapse window: Collapse the selected window.
	Expand: Open the selected window in full screen view.
	Close application: Close the selected app.

Customize Multi Window

You can customize Multi Window to suit your preferences.

Create a Window Group

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

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

1. Touch and hold **Back** to display the Multi Window tray, and then drag apps to the windows.
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 show the Multi window tray.
2. Tap **Tray Controls** > **Edit**:
3. Touch and hold an app, drag it to a new position in the tray and then drop it.

Choose Apps to Display in the Multi Window Tray

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

1. 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

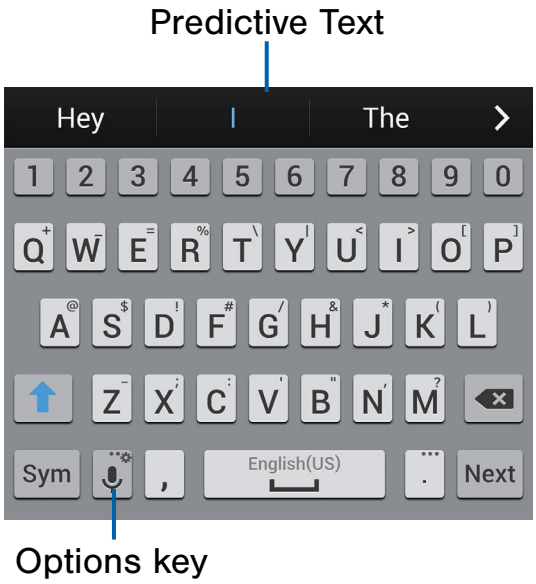
To customize Multi Window:

► From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab > **Multi window**.

Enter Text

Use the Samsung Keyboard

Type your text input using a QWERTY keyboard.



Special Keys	
Sym	Tap to enter numbers and symbols.
ABC	Tap to enter letters.

Touch and hold the **Options** key to:

	Use Google Voice Typing.
	Use your handwriting to enter text.
	Access the clipboard.
	Access keyboard settings.
	Insert emoticons.
	Change the layout of the keyboard.

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

Predictive Text

Predictive text suggest words matching your text entries, and, optionally, completes common words automatically. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites—improving its accuracy of predicting your text entries.

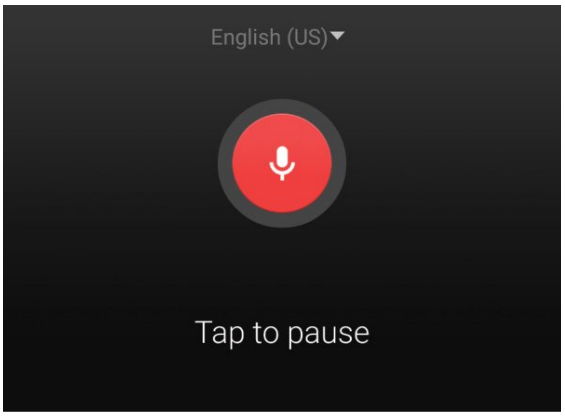
Configure the Samsung Keyboard

To customize the Samsung Keyboard:

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

Use Google Voice Typing

Instead of typing, speak your text input.



To enable Google Voice Typing:

1. On the Samsung Keyboard, tap **Google Voice Typing**. You may need to touch and hold the **Options** key (left of the **Space** key) to find it.
2. Speak your text.

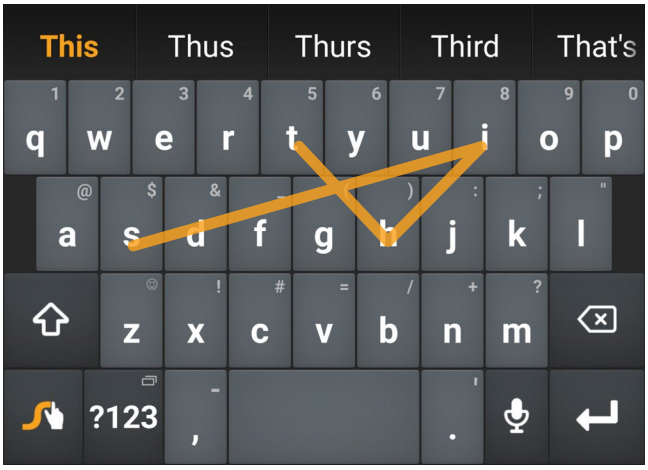
Configure Google Voice Typing

To customize Google Voice Typing:

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

Use Swype

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



Enable Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward to display the Notification Panel.
2. Tap **Select keyboard**.
3. Tap **Swype**.

Configure Swype

To customize Swype:

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab > **Language and input**.
2. Tap **Swype** for options.

Calling

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

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

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

Quickly Dial a Number from Your Contact List

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

Dial a Recent Number

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

1. From a Home screen, tap **Phone.**
2. Tap the **Logs** tab.

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

Answer or Reject a Call

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

At the incoming call screen:

► Touch and drag **Answer** in any direction to answer the call.

– or –

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

End a Call

When you are ready to end your call:

► Tap **End call**.

Multi-task While on a Call

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

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

To return to the call screen:

► Tap **Reactivate** to return to the call screen.

To end a call from any application:

► Swipe the Status bar downward to reveal the Notification Panel, and then tap **End**.

Options During a Call

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

Adjust the Call Volume

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

– or –

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

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 use a Bluetooth headset (not included).

Personalize the Call Sound Setting

Adjust the sound by using an audio equalizer.

► From the currently active call, tap **More options** > **Personalize call sound**.

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

Call Waiting

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

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

1. Slide **Answer** in any direction to answer the new call.
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 hear both callers at once.
   - **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.

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 the **Logs** tab. 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

1. From a Home screen, tap **Phone.**
2. Tap the **Logs** tab.
3. Tap the call that contains the information that you want to save to your contacts list.
4. 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

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

Add a Call to the Reject List

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

1. From a Home screen, tap **Phone.**
2. Tap the **Logs** tab.
3. Touch and hold the caller you want to add to the Reject list.
4. Tap **More options** > **Add to Auto reject list**.

Use Speed Dial to Make a Call

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

To create a Speed Dial:

1. From a Home screen, tap **Phone.**
2. Tap **More options** > **Speed dial**. The Speed dial screen displays showing the numbers 1 through 100. Number 1 is reserved for voicemail.
3. Tap an unused number. A list of contacts displays.
4. Tap a contact to assign to the number. The selected contact displays in the speed dial number box.

To make a call using Speed Dial:

1. From a Home screen, tap **Phone**.
2. Tap the **Keypad** tab.
3. Touch and hold the speed dial number.

   If the speed dial number is more than 1 digit long, enter the first digits, then hold the last digit.

To remove a Speed Dial number assignment:

► Tap **Remove**.

Make an Emergency Call

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

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

Make an Emergency Call without a SIM Card

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

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

Make an Emergency Call with a SIM Card

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

Call Settings

To access the Call settings menu:

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

– or –

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

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.

Access 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.

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

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
- Apps that are disabled are turned off and hidden from view.

1. From a Home screen, tap **Apps**.
2. Tap **More options** > **Uninstall/disable apps**. Apps that can be uninstalled show **Uninstall** on their icon.
3. Tap **Turn off/Uninstall** and follow the prompts to either uninstall or disable the app.

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 apps to rearrange them.
   - **Alphabetical order**: App icons are arranged in alphabetical order.

Use Folders to Organize Apps

To create a folder:

1. From a Home screen, tap **Apps**.
2. Tap **More options** > **Create folder**.
3. Enter a folder name.
4. Tap **Add application**, select apps to include in the folder, and then tap **DONE**.

To launch apps in a folder:

► Tap a folder and then tap an app to launch it.

To delete a folder:

1. From a Home screen, tap **Apps** > **More options** > **Remove folder**.
2. 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 then drag it to:
     - **Create folder** to create a new folder.
     - **App info** to view information about this app.
     - **Turn off/Uninstall** to remove the app. Preloaded apps cannot be uninstalled.
   - **Create folder**: Create a new folder to hold apps.
   - **Remove folder**: Remove folders that you have created. This option appears only if folders have been created.
   - **Sort by**: Choose how apps are listed.
   - **Downloaded apps**: View only the apps that you downloaded.
   - **Uninstall/disable apps**: Uninstall an app that you downloaded to your device, or disable a preloaded app (preloaded apps cannot be uninstalled). Tap **Turn off/Uninstall** to remove or disable the selected app.
   - **Hide apps**: Hide apps from the Apps screen.
   - **Show disabled apps**: Display disabled apps. This option appears only if apps have been disabled.
   - **Show hidden apps**: Display hidden apps. This option appears only if apps have been hidden.
   - **Help**: View information about your device.

Google Applications

Enjoy these applications from Google.

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

Chrome

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

Drive

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

Gmail

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

Google

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

Google Now

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

► Press and hold the **Home** key.

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

Google Settings

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

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

Google+

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

Hangouts

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

Maps

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

Note: You must enable location services to use Maps. Please see Location Settings.

Photos

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

Play Books

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

Play Games

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

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.

Play Music

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

Play Newsstand

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

Play Store

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

Voice Search

Use voice commands to search the web with Google.

YouTube

View and upload YouTube videos right from your device.

AT&T Applications

Enjoy these applications from AT&T.

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



AT&T FamilyMap

AT&T FamilyMap provides peace of mind by being able to conveniently locate a family member from your wireless device or PC and know that your family's location information is secure and private.

FamilyMap requires a paid subscription. Visit att.com/familymap for more information or contact your AT&T Customer Service Representative.



AT&T Live

Access *AT&T Live/Yahoo!* on the Internet.



AT&T Locker

AT&T Locker allows you to store, share, and sync all of your photos, videos, and documents in one safe, convenient place: the AT&T cloud.



AT&T Mail

Instantly get your mail anytime, anywhere. Read, respond to, and organize your messages quickly, whether you are at home or on the go.



AT&T Mobile Locate

With the AT&T Mobile Locate app you can access the Mobile Protection Pack and with a paid subscription, replace your phone if it is lost or damaged, locate your phone if it is lost, and receive backup and phone support.

In order to take advantage of the AT&T Mobile Locate application, you must purchase the Mobile Protection Pack within 30 days of purchase/activation of a new device. For more information, see att.com/mpp.



AT&T Navigator

AT&T Navigator provides you with access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches.

Note: You must have a data plan to use this feature. These services require the purchase of a subscription.



AT&T Ready2Go

AT&T Ready2Go allows you to quickly and easily setup your device by using the web browser on your PC. You can set-up email accounts, import contacts, set wallpaper, configure Wi-Fi and many more features.

AT&T Smart Wi-Fi

With AT&T Smart Wi-Fi, you can maximize your battery performance, simplify access to AT&T Hot Spots and Wi-Fi networks, automate your Wi-Fi connections, and track your data use.

Device Help

Device Help provides online information to help with your device questions.

DriveMode

With the AT&T DriveMode application, you can set your phone to auto reply when you are driving and do not want to answer the phone. You can auto reply to messages, emails, and phone calls. You can also allow up to five of your contacts to contact you while using DriveMode.

Mobile Hotspot

Use Mobile Hotspot to share your device's mobile data connection using a USB cable or as a portable Wi-Fi hotspot.

Mobile TV

Mobile TV is a subscription service that allows you to watch your favorite TV shows using your handset.

myAT&T

The myAT&T application allows you to manage your AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your plan.

Visual Voicemail

Use Visual Voicemail to review and manage your voicemail messages directly from your phone without dialing into voicemail. You can also see a list of your messages on your phone and select which ones you want to play, call back, share, delete, or save.

Other Applications

Amazon

Shop at Amazon.com from your device.

Evernote

Create, synchronize, and share multimedia notes. You can add tags to the notes, or sort the notes into a notebook so that you can manage your ideas efficiently.

Facebook

Keep up with friends and family with the Facebook app. Share updates, photos, and videos, as well as text, chat, and play games.

Flipboard

Use this application to access your personalized magazines.

Games

Play full version games for free. Use Wild Coins to rent or buy games and in-game items. Enjoy new games every week.

Hancom Office 2014

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

Instagram

Capture and share photos and videos with your friends. Customize what you capture, then share it on your feed or post it directly to your friends.

Keeper

Keeper is a secure password manager for your device and works seamlessly across your mobile phones, tablets, computers, and web browsers.

Lookout

Lookout Mobile Security provides key security options, such as anti-virus and anti-malware technology, a lost and stolen device locater service, an application privacy adviser, and a backup service.

Milk

Exclusive to Galaxy owners, MilkMusic is a radio service that gives you more of the music you love, curated by top DJs and industry pros and all for free.

Softcard

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

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

Uber

An entirely new and modern way to travel is at your fingertips. Uber is your private driver in more than 130 cities and 30 countries.

Usage Manager

The Usage Manager app is a shortcut to your battery, apps, and data usage settings so you can manage your data.

YP

The Yellow Pages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. Use YP to touch into local businesses, locations, and events, and connect to your search in real-time.

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 **History** > **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** 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**.

Delete an Event or Task

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

To delete multiple events or tasks:

1. Tap **More options** > **Delete**.
2. Select events or tasks.
3. Tap **DONE**.

Share Events

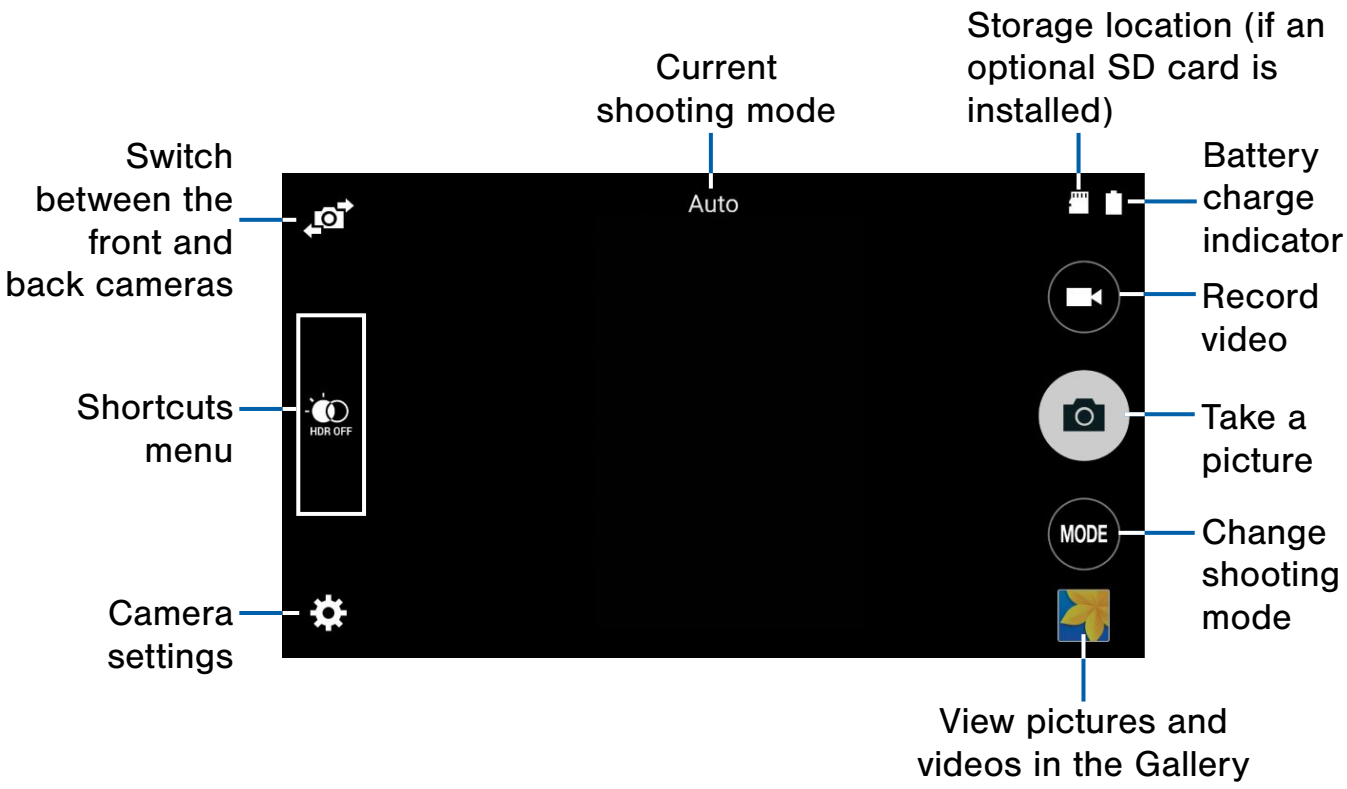
1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap to view an event or task.
3. Tap **Share via**, select a sharing method, and follow the prompts.

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



Take 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 onscreen options or these 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. If desired, before taking the photo, you can touch onscreen icons to access various camera options and settings. You can also touch the screen to move the focus field to the area you touch.
4. Tap to take the picture.

Note: You can also press the **Volume** key up or down to take a picture. This is the default action of the Volume key. 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** **MODE** to display the following options:
   - **Auto**: Allow the camera to evaluate the surroundings and determine the ideal mode for the picture.
   - **Beauty face**: Take a picture with lightened faces for gentler images.
   - **Shot & more**: Take a quick burst of pictures and apply effects to them.
   - **Rear-cam selfie**: Take a selfie 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.
   - **Virtual tour**: Create interactive virtual tours of your surroundings.
   - **Dual camera**: Take pictures and record videos using the front and rear cameras at the same time. A variety of picture-in-picture styles are available.
   - **Slow motion**: Record a slow motion video.
   - **Fast motion**: Record a fast motion (time-lapse) video.
   - **Manage modes**: Select which shooting modes to display when you tap **MODE**.
   - **Download**: Download additional shooting modes from the GALAXY Apps store.

Note: The shooting modes that appear vary depending on which modes are selected in **Manage modes**.

Dual Camera Mode

Take pictures and record videos using the front and rear cameras at the same time. A variety of picture-in-picture styles are available.

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **MODE** **MODE** > **Dual camera**.
3. Touch and drag the inset picture to another position on the screen.
4. Tap the inset picture, and then touch and drag the corners to enlarge or reduce the size of the inset.
5. Tap **Effects**, and then tap a style for the inset picture

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**: Take multiple pictures at a timed interval. (Front camera only.)

   Tap **Menu** to display the following additional options:

Settings available on Both Cameras

- **Location tags**: Attach a GPS location tag to the photo.
- **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 photos 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 after taking them.
- **Reset settings**: Reset the camera settings.
- **Help (icon)**: View information on using the camera.

Rear Camera Only

- **Exposure value**: Change the exposure value. This determines how much light the camera's sensor receives. For low light situations, use a higher exposure.
- **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.
- **Tap to take pics**: Tap the image on the preview screen to take photos.
- **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.

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.

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**: Measure intervals of time.
   - **Timer**: Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Create an Alarm

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

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Create alarm** to configure:
   - **Time**: Set 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**: Allow snoozing, and set interval and repeat values for the alarm while snoozing.
   - **Smart alarm**: When on, the alarm will start playing a tone at a low volume at an interval before the alarm time, and slowly increase in volume. Choose a time interval and a tone to use with smart alarm. 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**.

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.

Manage 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**.

Find 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, your SIM card, or sync it with an account.
   - Tap **Contact photo** to assign a picture to the new contact.
   - Enter a name, phone number, email address, assign the contact to a group, and choose a default ringtone. 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 choose a label for the field.
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 via Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

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

Link Contacts

When you have contacts from various sources (Gmail, Facebook, and so on), you may have multiple similar entries for a single contact. 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 contacts 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 each contact to unlink it 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** checkbox at the top of the screen to select all.
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 turns gold).

Remove Contacts from Favorites

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the **Favorites** tab, and then touch and hold on a contact to select it. You can also tap other contacts or tap the **selected** checkbox at the top of the screen to select all.
3. Tap **Delete**.

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:
   - Tap **Create group in <location>** to choose where to save the group. You can save it to a specific account, to the device memory, or to all accounts.
   - Tap **Group name** to enter a name for the new group.
   - Tap **Group ringtone**, **Group message tone**, and **Group vibration pattern** to assign notification preferences for the group.
4. Tap **Add member** and select contacts 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 contacts you want to add.
4. Tap **DONE**.

Send a Message or an Email to a Group

You can send a message or 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 **Message** or **Email**.
5. Tap contacts to select them, or tap the **selected** checkbox at the top of the screen to select all, and then tap **DONE**. Only group members that have phone numbers (Message) or email addresses (Email) 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 groups to select them or tap the **selected** checkbox at the top of the screen to select all, and then tap **DONE**.
5. Tap **Group only** to only delete the group or tap **Groups and members** to delete the groups and the contacts in the groups.

Contact Settings

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

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

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**.

Configure Email Accounts

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

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

To add additional accounts:

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.

Refresh Your Email Account

Refresh your account to update your email accounts.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **Refresh**.

Manage 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 inbox**: View all email in a combined inbox.
   - **<Account Name>**: View email for only this account.

Delete Email Accounts

To delete an Email account:

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **Menu** > **MANAGE ACCOUNTS**.
3. Tap **More options** > **Select**.
4. Select the account you want to remove and tap **Remove**.

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. Under **General settings**, tap an option and follow the onscreen instructions.
4. To configure settings for each account, tap **Manage accounts**, and then tap the account to configure.

GALAXY Apps

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

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

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

To access the Samsung GALAXY Apps website:

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

To access GALAXY Essentials:

1. Swipe across the Home screens and locate and tap the GALAXY Essentials widget.
2. Follow the onscreen instructions to download GALAXY Essentials apps specially chosen from Samsung 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.
3. Tap a folder to open it.
4. 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.

Play Videos

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

Trim Segments of a Video

1. Select a video, and then tap **Trim**.
2. Use the sliders at the bottom of the screen to trim the video. Move the left bracket to the desired starting point, move the right bracket to the desired ending point.
3. Tap **DONE** to save the video.

Edit 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 picture counter-clockwise.
- **Rotate right**: Rotate the picture 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 via a USB or Wi-Fi connection. Some printers may not be compatible with the device.
- **Settings**: Change the Gallery settings.

Delete 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**.

Share Images

Use one of the following methods:

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

   – or –

   When viewing a single image, tap **Share via** to send it to others or share it via 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 onscreen instructions.
4. Tap **More options** > **Add account** to add a Samsung, Facebook, or Google account.

Internet

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

View a Web Site

To view a web site:

► Tap the address field, enter the web address, and then tap **Go**.

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

► Tap **More options**.

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 **More options** > **New tab**.

To close a tab:

1. Tap **Tab Manager**.
2. Tap **Close** by the tabs you want to close.

Bookmarks

To bookmark the current web page:

1. Tap **Bookmarks** > **Add bookmark**.
2. Type a name for the bookmark and tap **SAVE**.

To open a bookmarked web page:

► Tap **Bookmarks** and tap an entry.

History

To view a list of recently visited web pages:

► Tap **Bookmarks** > **History**.

Saved Pages

To save a web page:

► Tap **More options** > **Save web page**.

To view a list of saved web pages:

► Tap **Saved pages**.

Share Pages

To share a web page address with others:

► Tap **More options** > **Share via** and follow the prompts.

Incognito Tabs

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

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

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

To start Incognito mode:

► Tap **More options** > **Incognito mode**.

To open a new incognito tab:

► While in Incognito mode, tap **More options** > **New incognito tab**.

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 options** > **Settings**.
3. Tap an option and follow the onscreen instructions.

Messages

Learn how to send and receive different messages using the default messaging 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.

Create and Send Messages

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

1. From a Home screen, tap **Apps** > **Messages**
2. Tap **Compose**.
3. Tap the **Enter recipients**field to manually enter a recipient or tap **Add Recipient** to select a recipient from your Contacts. You can also select the recipient based on Groups, Favorites, or Logs.
   - Enter additional recipients manually by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
   - If adding a recipient from your Contacts, tap the contact to place a check mark then tap **DONE**. The contact will be placed in the recipients field.
   - For the Group option, if the number of recipients is less than 10, all members in the group can be added.
4. Tap the **Enter message** field and use the onscreen keyboard to enter a message.
5. Tap **Add emoticons** to choose an available emoticon from an onscreen list and then add it into your message (at the cursor location) if desired.
6. Review the message and tap **Send**.

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

View 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.

Delete 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 the top of the screen to select all messages.

4. Tap **Delete**.

5. At the **Delete conversations** prompt, tap **DELETE** or **CANCEL**.

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 so on.

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

2. Tap **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)

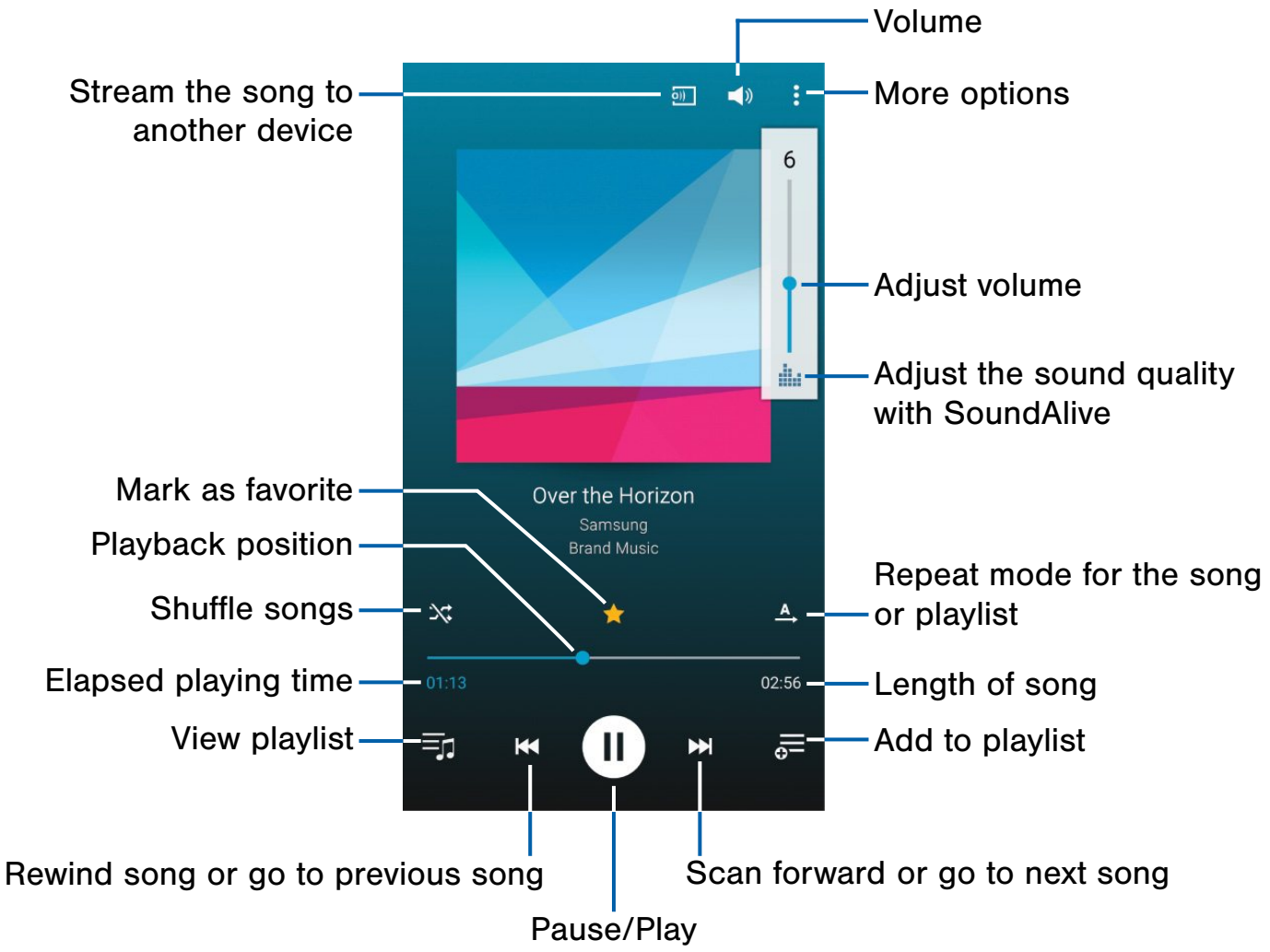
Users may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled.

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

1. From a Home screen, tap **Apps** > **Messages**.
2. Tap **More options** > **Settings** > **Emergency alerts**.
3. Tap **Emergency alerts**.

   All alerts are enabled by default (check mark showing).
4. Tap an alert option to disable it.

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:

- **QUICK SEARCH**: Files are grouped into the following categories:
  - **Recent files**: View recently saved files.
  - **Images**: View image files.
  - **Videos**: View video files.
  - **Audio**: View audio files.
  - **Documents**: View document files.
  - **Downloaded apps**: View downloaded apps.
- **Download history**: View all apps and files that have been downloaded to the device.
- **Shortcuts**: Contains shortcuts to files or folders that you have added. This option only appears if you have added shortcuts to the My Files main screen.
- **Local storage**: View folders and files in their storage locations.
  - **Device storage**: View folders and files located on the device.
  - **SD card**: View folders and files located on the memory card (if installed).
- **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:
  - **Select**: Select items to edit or delete. This option only appears if you have shortcuts on the My Files main screen.
  - **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:

- **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 (**Local storage** only).
  - **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 the My Files main screen or a Home screen. This option only appears in Local Storage categories.
  - **Settings**: Change the settings for viewing files.

Options for Selected Files and Folders

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

  Share via: Send files to others or share them.

  Delete: Delete files or folders.

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

PEN.UP

The Pen.Up application allows you to join an online community, follow your favorite artists, share your S Note creations, and connect with other creative people.

Join the Pen.Up community through your Samsung, Facebook, or Google+ accounts. Share your original art, comment on others' creations, or browse for something unique to add to your personal collection.

► From a Home screen, tap **Apps** > **PEN.UP**.

S Health

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

Note: This device and related software are not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment or prevention of disease.

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

Before You Start Exercising

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

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

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

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

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 pre-diabetes.

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 notes.

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

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

Create a Note

To create a note with S Note:

1. From a Home screen, tap **Apps** > **S Note**.
2. Tap **Create new note**.
3. Use the S Pen to create content.

To use a template:

1. Tap **More options** > **Add template**.
2. When finished, tap **Save**.

Edit a Note

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

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

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

Note Tools

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

Note: The available tools are different for Action Memos.



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

Action Memos

An Action Memo is a special type of note that turns your written text into actions on your device.

For example, if someone tells you the name of a restaurant, you can launch a new memo, write the name of the restaurant, and then have the memo locate it on a map.

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

To open an Action Memo:

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

– or –

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

To view your saved Action memos:

1. From a Home screen, tap **Apps** > **S Note**.
2. Tap **Menu** > **All** > **Action memo**.

To edit an Action memo:

► When you tap on an Action memo to view it, you can edit the memo immediately.

To link a memo to an action:

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

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

Action Memo Tools

When creating or editing an Action memo, some helpful modes and tools are provided.



- **Pen color**: Select a pen color.
- **Eraser**: Erase content from the memo.
- **Link to action**: Select an action to perform.
- **Pin to Home screen**: Touch and hold to add the Action memo to the Home screen as a widget.
- **Discard**: Discard all changes and exit Action memo.
- **Save**: Tap to save the memo.
- Tap **More options** to view more options for the memo.

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 S Voice app.

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

Scrapbook

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

Scrapbook provides storage and organization tools for content you capture while using your mobile device. With the Smart Select or Image Clip 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.

For details on capturing content, see Smart Select.

Edit the Scrapbook

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

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

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

To edit a file:

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

To edit a Category:

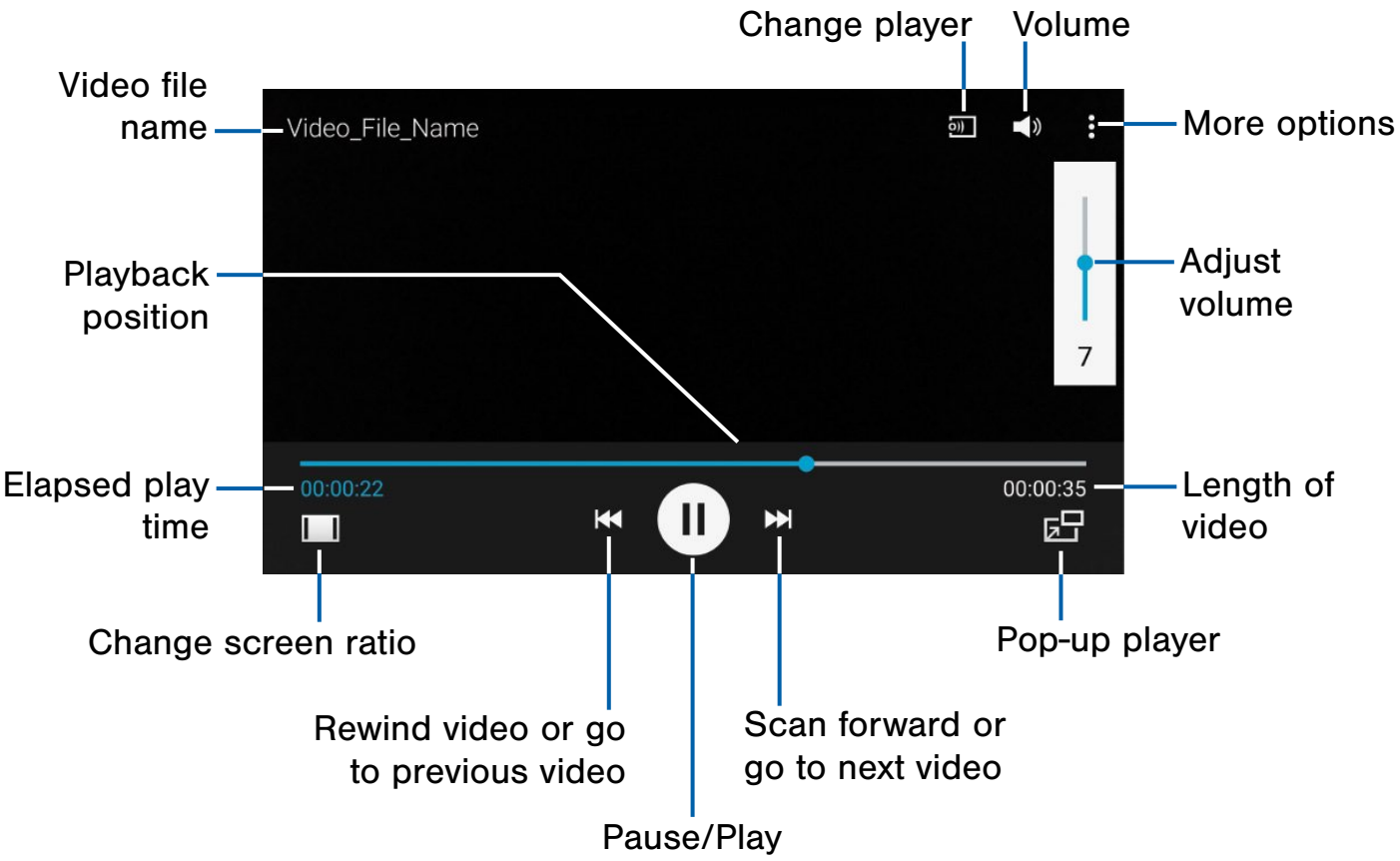
1. Tap **Show categories** in the top left corner. Categories and tags are listed in the menu, along with the number of content files contained.
2. Tap a category to open it.
3. Tap **More options** > **Edit category**.
4. You can edit the Category name and the Layout. Change them as desired.
5. When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

Smart Remote

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

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

Video Player



Play and manage videos stored on your device.

To access video:

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

Use Pop-up Player

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

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

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 recording and 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 recording and playback.
  - **Voice memo**: Voice input is converted to text on screen. The maximum recording time is five minutes.
- Tap **Record** to record an audio file.
- Tap **Stop** to stop recording. The file is automatically saved.
- Tap **Pause** to pause the recording of an audio file.
- Tap **Cancel** to cancel the recording of an audio file.
- Tap **Bookmark** to add a bookmark to the recording.
- Tap **Block** to block incoming calls while recording.

Manage Recordings

To display a list of recordings:

1. From a Home screen, tap **Apps** > **Voice Recorder**.
2. Tap **List**.

To share or delete one or more voice recordings:

1. Tap **More options** > **Select**.
2. Tap each recording you want to delete or tap the **select** checkbox at the top of the screen to select all recordings.
3. Tap **Share via** to share the recordings or tap **Delete** to delete the recordings.

To search through available recordings:

► Tap **Search**.

For additional options:

► Tap **More options**.

- **Select**: Choose desired recordings.
- **Sort by**: Sort the list of recordings.
- **Filter by category**: Filter entries by category.
- **Edit categories**: Modify your categories.
- **Settings**: Configure Voice Recorder.

Settings

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

- 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 check mark displays. Tap the check mark to remove it and disable the option.

How to Use Settings

Access 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**.
   - Enter a word or words in the Search box. As you type, settings that match will appear on the screen.
   - Tap an entry to go to that setting.

Change How Settings Are Listed

Settings can be listed in a iist view or a tab view (default).

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

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 setting menu has not been defined.

Create the Quick Settings Menu

You can set up the Quick settings menu to include your most frequently used settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **More options** > **Edit quick settings**.
   - Select settings to appear in your Quick settings menu.

     Settings that are checked appear in the Quick settings menu.
   - Uncheck a setting type to remove it.
3. Tap **DONE** to save your new Quick settings menu.

   A QUICK SETTINGS tab displays.

Wi-Fi Settings

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 (WAP).

Turn Wi-Fi On or Off

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

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

Scan and Connect to a Wi-Fi Network

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.

   When Wi-Fi is first turned on, your device will automatically scan for available networks and display them.
3. 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.
4. To manually scan for networks, tap **More options** > **Scan**.

Manually Connect to a Wi-Fi Network

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Scroll to the bottom of the screen and tap **Add Wi-Fi network**.
4. Enter information about the Wi-Fi network:
   - **Network SSID**: Enter the name of the Wi-Fi network.
   - **Security**: Select a security option and enter your password.
   - **Show advanced options**: Tap 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 WAP.

Wi-Fi Options

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** > **CONNECTIONS** tab.
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 (WAPs) are available.
     - **Passpoint**: Connect to passpoint-enabled Wi-Fi Access Points automatically.
     - **Sort by**: Sort Wi-Fi networks by Alphabet or Signal strength.
     - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
     - **Always allow scanning**: Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
     - **Auto connect**: Automatically connect to AT&T Wi-Fi networks, even when Wi-Fi is off.
     - **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 Status Indicators

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

- When Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP), displays.
- If a Wi-Fi access point is available, but your device is not connected to it, displays. It may also display if there is a communication issue with the target Wireless Access Point (WAP).

Wi-Fi Direct

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

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

To disconnect from a device:

► Tap **END CONNECTION**.

Wi-Fi Direct Status Indicator

When your device is connected to another device using Wi-Fi Direct, displays in the Status Bar.

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 or Off

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

Change Your Device's Name

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

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab.
2. Tap **Bluetooth** > **More options** > **Rename device**.
3. Tap the device name field and edit your device name.

Make 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** > **CONNECTIONS** tab.
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.

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** > **CONNECTIONS** tab.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on.
3. When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
   - To manually perform a new scan, tap **SCAN**.

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** > **CONNECTIONS** tab.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on.
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 phone then automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Delete a Paired Device (Unpairing)

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

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

Review Files Received via Bluetooth

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

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

Bluetooth Status Indicators

When Bluetooth is turned on, displays in the Status Bar.

Tethering and Wi-Fi Hotspot

Share your phone's mobile data connection with a Mobile Hotspot or USB tethering.

Use Mobile Hotspot to share your device's Internet connection with other devices using your device as a portable Wi-Fi hotspot.

Mobile Hotspot

Note: To enable Mobile Hotspot on your phone, dial 611 or go to att.com/mywireless to set up the service.

1. From a Home screen, tap **Apps** > **Mobile Hotspot**.

   – or –

   From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab > **Tethering and Wi-Fi hotspot** > **Mobile Hotspot**.

   The Mobile Hotspot screen displays.

2. Tap **ON/OFF** at the top of the screen to turn Mobile Hotspot ON.

Note: When enabled, the Mobile Hotspot icon displays in the Status Bar.

3. Follow the onscreen instructions to use Mobile Hotspot.

USB Tethering

Note: To enable USB tethering on your phone, dial 611 or go to att.com/mywireless to set up the service.

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab > **Tethering and Wi-Fi hotspot**.
2. Connect your phone to your PC using a USB cable.
3. Tap **USB tethering** to add a check mark and activate the feature.

Note: When enabled, the USB tethering icon displays in the Status Bar.

4. Follow the onscreen instructions to use USB tethering.

Help

For more information:

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab > **Tethering and Wi-Fi hotspot**.
2. Tap **More options** > **Help**.

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** > **CONNECTIONS** tab.
2. Tap **Airplane mode**, and then 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/Lock** 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** > **CONNECTIONS** tab > **Data usage** for options:
   - **Mobile data**: Enable mobile data. You can also control Mobile Data at the Notification Panel.
   - **International Data Roaming**: Enable data roaming on your device.
   - **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 drop-down 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.
2. 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 hotspots**: Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.
   - **Mobile networks**: Display mobile network settings: Mobile data, International Data Roaming, Access Point Names, and Network operators.

Location Settings

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

Location Method

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab > **Location**.
2. Tap **ON/OFF** to turn Location services on.
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.

Recent Location Requests

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

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab > **Location**.
2. Tap **ON/OFF** to turn Location services on.
3. Tap an entry to view the app's settings.

Location Services

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

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

Location Sources

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** > **CONNECTIONS** tab > **Location**.
2. Tap **ON/OFF** to turn Location services on.
3. Tap **My places**.
4. Tap **Add** to add additional categories.
5. Tap a category (Home, Work, Car, School, or Gym) to add a location:
6. To delete a custom category, tap **More options** > **Select**, select the category to delete, then tap **Delete**.

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.

Set the Default Messaging App

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

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

Configure Mobile Networks

You can control your device's access to networks and mobile data services as follows:

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab.
2. Tap **More networks** > **Mobile networks** for options:
   - **Mobile data**: Allow your device to connect to a mobile data network.
   - **International Data Roaming**: All 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 operators**: Choose available and preferred networks.

Virtual Private Networks (VPNs)

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

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

Add a VPN

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

Connect to a VPN

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

Edit or Delete a VPN

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab > **More networks** > **VPN**.
2. Tap **Basic VPN** or **Advanced IPSec VPN.**
3. Touch and hold the VPN that you want to edit or delete.

Share Files with NFC

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

To activate NFC:

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab > **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** > **CONNECTIONS** tab > **NFC**.
2. Tap **ON/OFF** to turn NFC on.
3. Tap **Android Beam**.
4. Tap **ON/OFF** to turn Android Beam on.
5. 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** > **CONNECTIONS** tab > **NFC**.
2. Tap **ON/OFF** to turn NFC on.
3. Tap **S Beam**.
4. Tap **ON/OFF** to turn S Beam on.
5. 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 purchases on your phone.

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

Nearby Devices

Share your media files with nearby devices via Wi-Fi, 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** > **CONNECTIONS** tab > **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.

Printing

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

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

1. From a Home screen, tap **Apps** > **Settings** > **CONNECTIONS** tab > **Screen Mirroring**.
2. Tap **SCAN** to find available devices.
3. Tap a device and follow the prompts to connect.

MirrorLink

Mirror your device's display on your car's entertainment and information screen using a USB connection. To use this feature, your car system must support MirrorLink.

To activate MirrorLink:

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

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 media.

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Sounds and notifications,** and then drag the sliders to set the default volume for:
   - Ringtone
   - Media
   - Notifications
   - System

Change the Sound Mode

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

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

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

Set the Vibration Intensity

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

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

Vibrate When Ringing

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Sounds and notifications** > **Vibrate when ringing** to turn the feature on.

Select a Default Ringtone

Choose from preset ringtones or add your own.

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

Select a Default Vibration Pattern

Choose from preset vibration patterns or create your own pattern.

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

   – or –

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

Change the Notification Sound

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

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

Set various other sound options.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Sounds and notifications** > **Other sounds**.
3. Tap the checkbox next to the options under **Feedback** and **Samsung keyboard** to indicate whether to enable the sound or vibration.

Do Not Disturb Mode

You can set your phone to silence all calls and alerts except for times you schedule.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **ON/OFF** to turn the feature on.
4. Tap **Allow exceptions** to allow alarms, calls, messages, or events and reminders.
5. Tap **Scheduling** and then tap **Days**, **Start time**, and **End time** to set up a do not disturb schedule.

Set the Screen Lock Sound

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Sounds and notifications** > **While locked** and select an option: Show all content, Hide sensitive content, or Do not show notifications.

Set Application Notifications

To set whether application notifications are displayed:

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

Notification Access

Allow apps to read notifications.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Sounds and notifications** > **Notification access** to turn the feature on.
3. Tap the checkbox next to an app to turn the feature on.

Display Settings

Adjust the Screen 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** > **DEVICE** tab.
2. Tap **Display** > **Brightness** for options:
   - Tap **Automatic brightness** to allow the device to adjust brightness automatically.
   - To set a custom brightness level, clear the Automatic brightness check mark and then tap and drag the **Brightness level**.

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

Change the Font Style and Size

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Display** > **Font** to choose a font style and font size.
3. Tap **Font style** > **DOWNLOAD** to find new fonts from the Google Play Store.
4. Tap **Font size** and tap a font size.

Automatically Rotate the Screen

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
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** > **DEVICE** tab.
2. Tap **Display** > **Smart stay** to turn the feature on.

Set the Screen Timeout Delay

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

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

Select a Screen Mode

Choose a screen mode to match your type of viewing. 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** > **DEVICE** tab.
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 your are viewing.

Auto Adjust the Screen Tone

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Display** > **Auto adjust screen tone** to turn the feature on.

Daydream (Screen Saver)

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Display** > **Daydream**.
3. Tap **ON/OFF** to turn Daydream on and configure the following options:
   - **Colors**: Tap the selector to display a changing screen of colors.
   - **Flipboard**: Display pictures from Flipboard. Tap **Settings** for options.
   - **Google Photos**: Display pictures from your Google Photos account. Tap **Settings** for options.
   - **Photo Frame**: Display pictures in a photo frame. Tap **Settings** for options.
   - **Photo Table**: Display pictures in a photo table. Tap **Settings** for options.
4. Tap **More options** > **Preview** to see a demonstration of Daydream.
5. Tap **More options** > **Select when to daydream** and tap **While docked**, **While charging**, or **Both**.

Configure the LED Indicator

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Display** > **LED indicator** to turn the feature on.

Set the Touch Key Light Duration

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

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

Increase the Touch Sensitivity of the Screen

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Display** > **Increase touch sensitivity** to turn the feature on.

Wallpaper Settings

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

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
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.
   - Tap **Bubbles** or **Phase beam** for animated wallpaper. (Animated wallpaper consumes additional battery power.)
   - Tap **Live weather** or **My interests** to set up those options (Lock screen only).

For more information, see Change the Wallpaper.

Home Screen Settings

Use Home screen settings to set up a Home screen transition effect and to indicate how Flipboard briefings are to be handled on your Home screen.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Home screen** for options:
   - **Transition effect**: Choose an effect to be used when you swipe across the Home screen. Select None, Card Stack, or 3D Rotation.
   - **Flipboard Briefing**: View all Flipboard Briefing updates on the Home screen.

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** > **DEVICE** tab.
2. Tap **Lock screen**
3. 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.

Show or Hide Sensitive Notification Content

After choosing, you can select whether to show or hide sensitive notification content on the lock screen.

1. Tap **Show all content**, **Hide sensitive content**, or **Do not show notifications**.
2. Tap **DONE**.

Screen Lock Options

Swipe Only

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

Pattern Only

- **Pattern type**: Select a pattern type.
- **Make pattern visible**: Display the pattern as your draw it.
- **Vibration feedback**: Vibrate when the pattern is incorrect.

All Screen Locks

- **Show information**: Display Weather information or the step count when Pedometer in S Health is turned on.
  - **Show clock and date**: Display the time and date on your Lock screen.
  - **Dual clock**: Display a dual clock on your Lock screen when roaming.
  - **Clock size:** Select the size of the clock that will appear on your Lock screen.
  - **Weather**: Show the weather on the Lock screen.
  - **Pedometer**: Show your step count on the Lock screen.
  - **Owner Information**: Show owner information on the Lock screen.
  - **Help text**: Show help information on unlocking the screen on the Lock screen. (Swipe only.)
- **Camera shortcut**: Display a camera shortcut on your Lock screen.
- **Action memo on lock screen**: Enable Action memos while the screen is locked.
- **Unlock effect**: Select an effect to display when you unlock the phone.

Multi Window Settings

Turn on the Multi window feature.

For more information, see Use Multi Window.

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Multi window**.
3. Tap **ON/OFF** to enable. The following options are available:
   - **Open in split screen view:** Automatically view content in a split screen when you open files from My Files or Video, or attachments from email.
   - **Pop-up view shortcut**: Change to popup view by swiping down diagonally from either corner at the top of the screen.

Notification Panel

Customize which Quick setting buttons appear on the Notification Panel.

► From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab > **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:

► Touch and drag buttons 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.

To enable One-Handed Operation features:

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab > **One-handed operation**.
2. Tap any of the following features and then tap **ON/OFF** for each to turn it on or off:
   - **Reduce screen size**: Reduce the screen size so that you can reach all parts of the screen with one hand.
   - **One-handed input**: Adjust the size and position of the dialing keypad, in-call buttons, Samsung keyboard, Calculator, and unlock pattern (if configured).
   - **Side key panel**: Activate a panel of buttons that includes the **Home** key, **Recent apps**, and **Back** key. The panel appears at the side of the screen. When enabled, you can customize the transparency, minimize behavior, and keys that appear on the panel.

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** > **DEVICE** tab > **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.
3. Tap the checkbox next to the apps you want to add or remove.
4. When finished, 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** > **DEVICE** tab.
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. Tap **SETTINGS** for more options.
- **TalkBack**: Speak feedback aloud to help blind and low-vision users.
  - TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
- **Dark screen**: Keep the screen turned off at all times for privacy.
- **Rapid key input**: Release your finger to enter selection instead of double tapping.
- **Speak passwords**: Read the characters aloud as you enter your passwords.
- **Font size**: Set the font size.
- **Magnification gestures**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Hover zoom**: Magnify content by hovering your finger or pen over it.
- **Notification reminder**: Play a beep when a notification for a call, message, and so on, has been missed.
- **Negative colors**: Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Color adjustment**: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color. Tap **Color adjustment** for options.
- **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**: Turn off all sounds including receiver voice.
- **Hearing aids**: Automatically adjusts to attempt to improve the sound quality for use with hearing aids.
- **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available Tap Samsung subtitles (CC) for options.
- **Google subtitles (CC)**: Use Google subtitles with multimedia files when available. Tap Google subtitles (CC) for options.
- **Sound balance**: Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio**: Switch audio from stereo to mono for use with one earphone.

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

Dexterity and Interaction

- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.
- **Air wake up**: Wake up your device by waving your hand over the sensor.
- **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/ending calls**: Select shortcuts for answering and ending calls.
- **Single tap mode**: Tap to stop/snooze alarms and calendar events.
- **Manage accessibility**: Export your accessibility settings and share them with another device.

Services

- **Keeper FastFill**: Enable this feature to securely and quickly auto-fill your login credentials on your websites and mobile apps. Simply tap the FastFill lock icon when logging in to a website or app.
- 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** > **DEVICE** tab.
2. Tap **Private mode**.
3. 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.

Register a Fingerprint

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

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
2. Tap **Finger Scanner** > **Fingerprint manager**.

To add a fingerprint:

If no fingerprints are registered, the manager automatically opens the **Register fingerprint** screen. Otherwise:

► Tap **Add** and follow the instructions to register a fingerprint and password.

To rename a fingerprint:

► Touch and hold the fingerprint, and then tap **Edit**.

To delete a fingerprint:

► Touch and hold the fingerprint, and then tap **Delete**.

Change Your Backup Password

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

Additional Settings

1. From a Home screen, tap **Apps** > **Settings** > **DEVICE** tab.
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** > **CONTROLS** tab.
2. Tap **Motions and gestures**.
3. Tap **ON/OFF** to enable each of the following:
   - **Direct call**: Call the contact whose call log, message, or contact details are currently on the screen by bringing the device close to your ear.
   - **Smart alert**: Set the device to vibrate when you pick it up to notify you about missed calls and messages.
   - **Mute/pause**: Mute or pause sounds and video 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.

S Pen

Configure options and settings for the S Pen.

To configure settings for the S Pen:

1. From a Home screen, tap **Apps** > **Settings** > **CONTROLS** tab.
2. Tap **S Pen** to configure the following settings:
   - **Air command**: Turn Air command on or off.
   - **Air view**: Turn Air view on or off. Select options for Air view and customize.
   - **Pointer**: Turn the pointer on or off. The pointer appears on the screen when the tip of the S Pen is hovering close enough. Holding the pointer over some features can reveal what an item is or what it does.
   - **Direct pen input**: Turn the Direct pen input feature on or off. This feature allows you to switch from the keyboard to the S Pen when filling in form fields.
   - **S Pen alerts**: Set your phone to sound an alert and show a popup when walk away without attaching the S Pen.
   - **Turn off pen detection**: Turn off pen detection when the S Pen is attached. This can help extend battery life.
   - **S Pen sound**: Make a sound when the S Pen recognizes certain functions.
   - **S Pen vibration feedback**: Vibrate when the S Pen recognizes certain functions.
   - **Detachment options**: Select an action for the device to take when the S Pen is detached from the device.
   - **Attach/detach sound**: Select a sound for the device to make when the S Pen is detached from the device.
   - **Attach/detach vibration**: Activate vibration feedback when the S Pen is attached and detached.

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** > **GENERAL** tab.
2. Tap **Accounts** > **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** > **GENERAL** tab.
2. Tap **Accounts** > (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** 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** > **GENERAL** tab.
2. Tap **Accounts** > (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** > **GENERAL** tab.
2. Tap **Accounts** > (account type).
3. Tap the account, and then tap **More options** > **Remove account**.

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

Factory Data Reset

Return your device to its factory defaults.

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

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

Language and Input Settings

Configure your device's language and input settings.

Set Your Default Language

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
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** > **GENERAL** tab.
2. Tap **Language and input** > **Default**.
3. Select a keyboard.

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

Samsung Keyboard Settings

Configure options for using the Samsung keyboard.

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Language and input**.
3. 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**: Allow Predictive text to suggest words matching your text entries, and, optionally, complete common words automatically. Predictive text can learn your personal writing style from your Contacts, 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.

Swype Keyboard Settings

Configure options for using the Swype keyboard.

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

Google Voice Typing Settings

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

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Language and input**.
3. Tap **Google voice typing** for options:
   - **Choose input languages**: Select languages for Google voice typing.
   - **Block offensive words**: Hide words many people find offensive are in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
   - **Offline speech recognition**: Download and install speech recognition engines, allowing you to use voice input while not connected to the network.

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** > **GENERAL** tab.
2. Tap **Language and input**.
3. Under Handwriting recognition, tap **Language** to select a language.

Voice Input

Use Google voice recognition to perform Google searches using spoken commands.

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

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Language and input** > **Voice input** for options.
   - **Enhanced Google services**: Full voice interaction.
   - **Basic Google recognition**: Simple voice recognition.
3. Tap **Settings** beside the recognition service to customize.

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** > **GENERAL** tab.
2. Tap **Language and input** > **Text-to-speech options** for options:
   - Choose either the Samsung or Goggle 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 New Notifications Aloud

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

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Language and input** > **Read notifications aloud**.
3. Tap the 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** > **GENERAL** tab.
2. Tap **Language and input** > **Pointer speed**.
3. Drag the slider to the right to go faster or to the left to go slower.
4. Tap **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** > **GENERAL** tab.
2. Tap **Date and time**.
3. Set the date, time, time zone, time format, and date format.

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 disable, but you are still able to send messages, use Contacts, and make emergency calls.

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab > **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** > **GENERAL** tab > **Safety Assistance**.
2. Tap **Geo News**.
3. Tap **ON/OFF** to turn the feature on.
   - **Geo News notification popups**: Receive popup 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** > **GENERAL** tab > **Safety Assistance**.
2. Tap **Send help messages**.
3. Tap **ON/OFF** to turn the feature on and configure the following options:
   - **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/Lock** 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** > **GENERAL** tab > **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) or using a book cover (not included).

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Accessories** for options:
   - **Dock sound**: Play a sound when inserting and removing the device from a dock.
   - **Audio output**: Select a sound output format to use when connecting your device to HDMI devices (not included). Some devices may not support the surround sound setting.

Battery

View how battery power is used for device activities.

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Battery** for options:
   - **Fast charging**: Enable fast charging mode.
   - **Show battery percentage**: Display the battery charge percentage next to the battery icon on the Status Bar.

Battery Chart

The battery level displays as a percentage. The amount of time the battery has been used also displays.

► Tap the **Battery chart** to view History details.

Apps and OS Usage

Battery usage displays in percentages per application.

1. Tap **Screen**, **Android System**, or an app to view how they are affecting battery use.
2. Tap **Refresh** to update the listing.

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

Power Saving

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

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

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Power saving** for options:
   - **Power saving mode**: Tap **Power saving mode** to select options.
   - **Ultra power saving mode**: Tap **Ultra power saving mode** for options.

Tip: Tap **More options** > **Help** to display more information about conserving power.

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** > **GENERAL** tab.
2. Tap **Storage**.
   - The Device memory displays Total space and Available space.
   - The amounts of memory used by Applications, Pictures and videos, Audio, Downloads, Cached data, and Miscellaneous files are also displayed.

To increase available memory:

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

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.
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** > **GENERAL** tab.
2. Tap **Storage** > **Mount SD card**.

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** > **GENERAL** tab.
2. Tap **Storage** > **Unmount SD card**.
3. Remove the back cover. For more information, see Remove the Back Cover.
4. Slide the card out.
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 back up 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** > **GENERAL** tab.
2. Tap **Storage** > **Format SD card** 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** > **GENERAL** tab.
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** > **GENERAL** tab.
2. Tap **Security** for options:
   - Tap **Encrypt device** and follow the prompts to encrypt all data on your device.
   - Tap **Encrypt external SD card** to 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.

Find My Mobile

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** > **GENERAL** tab.
2. Tap **Security** for options:
   - **Remote controls**: Lock and erase your data remotely if your device is lost or stolen.
   - **SIM change alert**: Enter another phone number to receive an alert if your SIM card is changed.
   - **Go to website**: Direct link to the Find my Mobile website.
   - **Reactivation lock**: Use your Samsung account to prevent anyone from reactivating your device.

Set Up or Change Password

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** > **GENERAL** tab.
2. Tap **Security** > **Set up/change password**.
3. Enter a new password and touch **Confirm**.
4. Enter the new password again and touch **Confirm**.

SIM Card Lock

Lock your SIM card by requiring a PIN.

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Security** > **Set up SIM card lock** > **Lock SIM card** and enter the PIN. Select **Change SIM PIN** to change the PIN.

View Passwords

Display password characters briefly as you type them.

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

Credential Storage

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

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

Knox Security

Protect your data and prevent others from rooting your device if it is lost or stolen.

To turn on KNOX active protection:

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Security** > **Turn on KNOX active protection**.
3. Tap **ON/OFF** to turn the feature on.

Advanced Security

Protect your device with these advanced security options.

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Security** for options:
   - **Trust agents**: (Only available when a secure screen lock is set.) Set screen lock type to use.
   - **Access application usage data**: View which applications can access your device's usage history.
   - **Smart Lock**: (Only available when a secure screen lock is set.) Set your phone to stay unlocked when you have trusted devices connected or when it's in a trusted place.

Help

View tips and guidelines for using your device.

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **Help** for information about new features, getting started, applications, settings, and so on.

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** > **GENERAL** tab.
2. Tap **About device**, and then tap items for more details:
   - **Software updates**: Check for and install available 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.
   - **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.

Software Update

Use Software update to update your device's software.

1. From a Home screen, tap **Apps** > **Settings** > **GENERAL** tab.
2. Tap **About device** > **Software updates**.
3. Follow the prompts to check for available software updates to download and install.

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, end-users operate these devices at their own risk.

Memory Usage

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

1. From a Home screen, tap **Apps** > **Settings** > **APPLICATIONS** tab > **Application manager**.
2. Swipe across the screen to display DOWNLOADED, SD CARD, RUNNING, or ALL to display memory usage for that category of applications.

   The graph on the RUNNING tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, tap **Apps** > **Settings** > **APPLICATIONS** tab > **Application manager**.
2. Tap **DOWNLOADED** to view a list of all the downloaded applications on your device.
3. To switch the order of the DOWNLOADED list, tap **More options** > **Sort by size** or **Sort by name**.
4. To reset all of your application preferences, tap **More options** > **Reset app preferences**.
5. Tap an application to view and update information about the application, including memory usage, default settings, and permissions. The following options are displayed:
   - **FORCE STOP**: Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
   - **UNINSTALL/UNINSTALL UPDATES**: Delete the application from the device or uninstall updates made to apps that cannot be deleted.
   - **MOVE TO SD CARD**: Move this app to your microSD card.
   - **CLEAR DATA**: Clear application data from memory.
   - **CLEAR CACHE**: Clear an application's temporary memory storage.
   - **CLEAR DEFAULTS**: Clear an application's customization.
   - **Permissions**: View information about the application's access to your device and data.

SD Card

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

1. From a Home screen, tap **Apps** > **Settings** > **APPLICATIONS** tab > **Application manager**.
2. Tap **SD CARD** to view a list of all the downloaded applications on your SD card.
3. To switch the order of the SD CARD list, tap **More options** > **Sort by size** or **Sort by name**.
4. To reset your application preferences, tap **More options** > **Reset app preferences**.

Note: When you reset app preferences, you will not lose any app data.

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

Running Services

View and control services running on your device.

1. From a Home screen, tap **Apps** > **Settings** > **APPLICATIONS** tab > **Application manager**.
2. Tap **RUNNING** to view a list of running services.

   All the applications that are currently running on the device display.
3. Tap **SHOW CACHED PROCESSES** to display all the cached processes that are running. Tap **SHOW SERVICES IN USE** to switch back.
4. Tap one of the applications to view application information.
   - **STOP**: Stops the application from running on the device. This is usually done prior to uninstalling the application. (Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.)
   - **REPORT**: Report failure and other application information.

Note: Options vary by application.

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 which provides an easier user experience for first-time smartphone users.

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

Applications Settings Shortcuts

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

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

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