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

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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-EULA4
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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 key**: Tap to return to the Home screen.

- **Menu**: Tap to access sub-menus with additional options for different features and applications such as Home screen, Phone, Contacts, Messages, and Internet.

- **Power/Lock key**: Press and hold to turn the device on or off. Press to lock or wake up the screen. Press and hold to turn the device off or restart it, or for quick access to Airplane Mode, Emergency Mode, and to Mute, Vibrate, and Sound modes.

- **Proximity and gesture sensors**: Detects the presence of objects near the device.

- **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 camera**: Take pictures and record videos.

• **Flash**: Illuminate subjects in low-light environments when taking a photo or recording video.

• **Headset jack**: Connect an optional headset (not included).

• **Infrared transmitter**: Controls external devices using infrared light.

• **Microphone**: Records audio and detects voice commands.

• **S Pen**: A stylus that assists you in performing various functions.

• **Speaker**: Plays music and other sounds.

• **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 device 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

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

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

For more information, 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 back cover onto the back of the phone and press down.
2. Press along the edges 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.

1. Connect the USB cable to the charging head.
2. Locate the USB Charger/Accessory port.
3. Insert the USB cable into the port.

Note: If you are using the older style USB 2.0 cable to charge your battery, plug the flat end of the cable into the smaller port in the device's Charger/Accessory port.
4. Plug the charging head into a standard AC power outlet. The device turns on with the screen locked and indicates both its charge state and percent of charge.

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

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

When to Charge the Battery

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

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

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

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

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

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

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

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 > 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 > Accounts > Add account > Samsung account.
Know Your Device

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

Warning: Please note that a touch screen responds best to a light touch from the pad of your finger or a 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

- **Apps Screen**: Allows quick access to all of your applications.

- **App Shortcuts**: Shortcuts to your favorite applications.

- **Home Screen Indicator**: Indicates which Home screen is presently displayed.

- **Notification Icons**: Display new messages and emails, notifications, available software updates, and so on.

- **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 the 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 -

   Tap Menu.

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 it to a new position.
   - Touch Home screen settings for options:
     - **Transition effect**: Change the visual effect used when you move between Home screens.
     - **My Magazine**: Display all My Magazine updates on the Home screen when you swipe upward from the bottom of the 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 to place additional apps in the folder.
5. Tap DONE. A folder is created with the shortcuts inside.

**Use Folders**

- Tap a folder to open it and access the shortcuts inside.
- To add shortcuts to an existing 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.
- Tap More options to change the folder’s color scheme.

---

**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 –
   Tap Menu.
2. Tap Wallpapers to customize your screens.

For more information, see Wallpaper Settings.
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

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🚩</td>
<td>Battery is fully charged.</td>
</tr>
<tr>
<td>🚩</td>
<td>Battery is low. The yellow area turns red as the charge level becomes critical.</td>
</tr>
<tr>
<td>🚩</td>
<td>Battery is charging.</td>
</tr>
<tr>
<td>🚩</td>
<td>Vibrate mode is enabled.</td>
</tr>
<tr>
<td>🚩</td>
<td>Mute mode is enabled.</td>
</tr>
<tr>
<td>🚩</td>
<td>The device is connected to a 4G LTE wireless network.</td>
</tr>
<tr>
<td>🚩</td>
<td>Signal strength.</td>
</tr>
<tr>
<td>🚩</td>
<td>Wi-Fi is active.</td>
</tr>
<tr>
<td>🚩</td>
<td>No wireless network is available.</td>
</tr>
<tr>
<td>🚩</td>
<td>NFC (Near-Field Communication) is enabled.</td>
</tr>
</tbody>
</table>

### Notification Icons

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📞</td>
<td>Missed call.</td>
</tr>
<tr>
<td>📞</td>
<td>Call in progress.</td>
</tr>
<tr>
<td>📞</td>
<td>Call is on hold.</td>
</tr>
<tr>
<td>📞</td>
<td>Call is using speakerphone.</td>
</tr>
<tr>
<td>📧</td>
<td>New email has arrived.</td>
</tr>
<tr>
<td>📧</td>
<td>New Gmail has arrived.</td>
</tr>
<tr>
<td>📰</td>
<td>New voicemail message has been received.</td>
</tr>
<tr>
<td>📰</td>
<td>New text or multimedia message has arrived.</td>
</tr>
<tr>
<td>🔽</td>
<td>Download of a file or app is in progress.</td>
</tr>
<tr>
<td>🔽</td>
<td>File is being uploaded or sent.</td>
</tr>
<tr>
<td>📍</td>
<td>Location service (GPS) is active.</td>
</tr>
<tr>
<td>🅸</td>
<td>App updates are available from the Google Play store.</td>
</tr>
<tr>
<td>🅸</td>
<td>App updates are complete.</td>
</tr>
<tr>
<td>📢</td>
<td>Keyboard is in use.</td>
</tr>
<tr>
<td>🌋</td>
<td>Connected to a computer using a USB cable.</td>
</tr>
</tbody>
</table>
Navigation, Motions, and Gestures

Touchscreen Navigation

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

**Touch and Hold**
Activate onscreen items by a touch and hold gesture. For example:
- Touch and hold a widget on the Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

**Swipe or Slide**
To swipe, lightly drag your finger vertically or horizontally across the screen.
- Swipe 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.
- Zoom in or out while viewing a picture or a web page.
- Zoom in or out while taking a picture.

Motions and Gestures

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

► From a Home screen, tap Apps > Settings > CONTROLS > Motions.

For details, see Motion Control Settings.
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 > Notification panel.

For more information, see Notification Panel Settings.
The S Pen is a stylus that assists you in performing different functions.

Remove S Pen

The S Pen stores inside your device for convenient access.

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

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 Quick Note and link it to actions. Action Memos are saved as Quick Notes in the S Note app.

- **Smart select**: Draw around an area of the screen to collect it in the Scrapbook app.

- **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.

- **Pen window**: Draw a window on the screen and then populate the drawn area with an application.
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: You can find Action Memos in the S Note app. They are saved here under Quick Note. See S Note 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:

1. Launch the Air command menu and tap Smart select.

2. Use the selection box to select your content. The selected item can be saved to the Scrapbook or shared. The following options are available:

- Tap Collect to store the content. It will appear in minimized form on the screen until you save or delete the capture.

- Tap Scrapbook to save the content in your Scrapbook. See Scrapbook for more information.

- Tap Share Via to share the captured content with your contacts.

- Tap More options > Help to learn more about using Smart select.

To use stored content:

When you tap Collect, 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.

- Touch and hold the thumbnail, and drag it to Delete to remove all of the collected items.

- Tap a thumbnail to view the content and see the options available. You can save the content to your Scrapbook, share it with others, or delete it.

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 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.

- To refine your selection, use the Transform options at the top of the screen.

3. Tap Share via or Scrapbook to save.
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. Press the Pen icon a second time to change the pen tip, size, color, and to save presets.
   - Eraser: Erase the writing or drawings on the screen shot. Tap the Eraser icon a second time to change the size of the eraser area and to see the CLEAR ALL option.
   - Crop: Crop the screenshot. Tap the Crop icon a second time to change the crop shape.
   - Undo: Undo the last action.
   - Redo: Redo the last action that was undone.
3. When you are finished writing, tap:
   - Share via to send the image to others.
   - Cancel to delete the shot.
   - Save to save the screen shot. The screen shot is saved in the Gallery app.

Pen Window

This feature allows you to draw an onscreen window and then populate the drawn area with a target application.

1. Launch the Air Command menu, and select Pen window.
2. Locate an onscreen area and use the S Pen to draw a rectangular shaped window.
3. Select an available application. The desired app then appears within the drawn area.

Air View

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

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

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

For more information on settings, see Air View.

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.
   - 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.
4. When finished, press the 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 Menu > 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’s not stored in your device:

- From a Home screen, tap Apps > Settings > CONTROLS > S Pen.

For more information, see S Pen Settings.

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).
Multitask by using multiple applications at the same time.

Activate Multi Window

1. From a Home screen, tap Apps > Settings > DEVICE > 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:** Not all apps can be used in Multi Window.

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.

Window Controls

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

**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.** A shortcut to this window group will be stored in the Multi Window tray.

Customize 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 > Multi Window.**

For more information, see [Multi Window Settings](#).
Use the Samsung Keyboard

Type your text input using a QWERTY keyboard.

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 > CONTROLS > Language and input.
2. Tap Samsung keyboard for options.

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.
Use Google Voice Typing

Instead of typing, speak your text input.

To use 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 > CONTROLS > 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 and Configure 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 Google Voice Typing:
1. From a Home screen, tap Apps > Settings > CONTROLS > 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.
   – or –
   From a Home screen, tap Apps > Contacts.
2. While viewing your contact list, swipe your finger across a contact to the right call the contact.

Dial a Recent Number

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

1. From 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.

End a Call

► When you are ready to end your call, tap End.

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

Multitask 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:

► Swipe the Status Bar downward to reveal the Notification Panel, and then tap Reactivate.

To end a call from any application:

► Swipe the Status Bar downward to reveal the Notification Panel, and then tap End call.
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 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 Personalize call sound.
– or –
Tap Menu > Settings > 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.
   • 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 > Logs tab.
2. Tap the call that contains the information that you want to save to your contacts list.
3. Tap CREATE CONTACT.
   – or –
   If you want to replace the number for an existing contact, tap UPDATE EXISTING.
Delete a Call from the Call Log
1. From a Home screen, tap Phone > Logs tab.
2. Touch and hold the call you want to delete from the Call log.
3. Tap Delete in the popup menu.

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 > Logs tab.
2. Touch and hold the caller you want to add to the Reject list.
3. Tap 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 make a call using Speed Dial:
1. From a Home screen, tap Phone > Keypad.
2. 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.

Create a Speed Dial
1. From a Home screen, tap Phone > Contacts tab.
   - or -
   From a Home screen, tap Apps > Contacts.
2. Tap Menu > Speed dial. The Speed dial screen displays showing the numbers 1 through 100. Number 1 is reserved for voicemail.
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 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 a secured Lock screen, tap the phone icon and swipe upward.
2. Enter 911 and tap Dial.
3. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
4. Tap End call.

Make an Emergency Call with a SIM Card

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

Call Settings

To access the Call settings menu:

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

– or –

From a Home screen, tap Apps > Settings > DEVICE > 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.
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 Menu > Uninstall/disable apps. Apps that can be uninstalled show Delete on their icon.
3. Tap Delete and follow the prompts to either uninstall or disable the app.

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 Menu > View as.
3. Tap an option:
   - **Custom**: Allows you to touch and hold on apps to move them from screen to screen.
   - **Alphabetical order**: Apps are arranged in a grid, in A-Z order.
Use Folders to Organize Apps

To create a folder:
1. From a Home screen, tap Apps.
2. Tap Menu > Create folder.
3. Enter a folder name.
4. Tap Add application, select apps to include in the folder, and then tap DONE.
5. Tap More options to select a background color.

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 > Menu > Remove folder
2. Select the folder to delete and tap DONE.

Hide and 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 Menu > 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 Menu > Show hidden apps.
3. Tap apps to unhide, and then tap DONE.

Apps Screen Options

1. From a Home screen, tap Apps.
2. Tap Menu 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.
     – Disable or Uninstall to remove the app
   • Create folder: Create a new folder to hold the app icon.
   • Remove folder: Remove folders that you have created. This option appears only if folders have been created.
   • View as: Configure the Apps screen.
   • Uninstall/disable apps: Uninstall an app that you downloaded to your device, or disable a preloaded app (preloaded apps cannot be uninstalled). Touch Delete to remove or disable the selected app.
   • Hide apps: Hide apps from the Apps screen.
   • Show disabled apps: Display disabled apps. This option appears only if apps have been disabled.
   • Show hidden apps: Display hidden apps. This option appears only if apps have been hidden.
   • GALAXY Essentials: GALAXY Essentials is a collection of specially chosen applications available through Samsung Apps. From GALAXY Essentials, you can access and download a collection of premium content, free of charge.
   • Help: View information about your device.
Enjoy these applications from Google.

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

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

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

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

Visit drive.google.com to learn more.

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

Visit gmail.com to learn more.

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

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

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

▶ Press and hold the Home key.

**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.

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

**Hangouts**
Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/hangouts to learn more.
Maps
Use Google Maps to find your current location, get directions, and other location-based information.

Visit google.com/maps to learn more.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Voice Search
Use voice commands to search the web with Google.

YouTube
View and upload YouTube videos right from your device.

Visit youtube.com to learn more.
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 Code Scanner
Download the AT&T Code Scanner app to scan QR, Data Matrix, or UPC barcodes with your camera.

### 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.

**Messages**
With AT&T Messages, you can send and receive text and picture messages from your phone, tablet or computer. Your messages are stored in the network so you can continue the conversation even when you switch devices. AT&T Messages uses your AT&T mobile number, so whether you send messages from a phone, tablet, or computer, everyone will know the message is from you.

**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.
Other Applications

Action Memo
Action Memo has merged with the S Note application. For more information, see S Note.

ChatON
Spend time connecting with your buddies via ChatON. With a Samsung account, you can enjoy ChatON across your smartphone, tablet, and computer. ChatON features free text, voice, and video messaging.

Downloads
This is a shortcut to see a list of all downloads made to your device.

Flipboard
Use this application to access your personalized magazines.

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

Group Play
Share documents, photos, or music in real-time with other connected friends.

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

Kids Mode
Kids Mode creates a child-friendly environment on your device. The following apps are available: Drawing, Gallery, Camera, Music. All content available to the child is controlled in the Parental Controls section.

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

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.

POLARIS Office 5
Polaris Office 5 is a Microsoft Office-compatible office suite for managing your documents online or offline. It can also open Adobe PDF (Portable Document Format) files.
S Translator
You can easily translate words and phrases (verbal or text messages) into many different languages with S Translator.

Samsung Link
This application wirelessly synchronizes your Samsung device with your TV, streams content and even keeps tabs on who calls or sends text messages with real-time, onscreen monitoring. Samsung’s Samsung Link makes staying connected easy.

SketchBook for Galaxy
Use this application for drawing and sketching designed specifically for your S Pen.

Story Album
With Story Album, you can create a digital album of your story in media. Special moments will be on a time line, and if you wish, you can have your album published as a hard copy.

TripAdvisor
With the TripAdvisor, you can plan and have your perfect trip. With over 75 million reviews and opinions by travelers, it is easy to find the best hotels, restaurants, and fun things to do.

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.

WatchON
WatchON turns your device into a remote control. Not only can you control your TV, set-top box, DVR and other devices from your device, but it will recommend great shows and movies based on your preferences and past viewing behavior.

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.

Visit yellowpages.com/products to learn more.
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 C Clear.

To clear the calculator history:
▸ Tap View history > Clear history.

To copy all or part of the calculation to the clipboard:
▸ Touch and hold an entry in the display field, and tap Copy.

Scientific Calculator
Turn the device landscape to use advanced arithmetic functions, such as sin, cos, and tan.
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.
   - or -
   To delete multiple events or tasks, tap Menu > Delete, select events or tasks, and then 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 Menu > 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: The Volume key is set as a zoom key by default. You can reassign the Volume key and press it to take a picture. You can also set the Volume key to act as the video record key.
Quick Settings

1. From a Home screen, tap Apps > Camera.

2. Tap Quick settings at the top of the display to quickly change Camera settings. The available options vary by mode.

3. Touch and hold a Quick settings icon to display a table of all possible Quick settings.

4. Touch and drag a Quick setting icon to change the position of the icon or to change which Quick settings to use.

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 to display the following options:

   - **Auto**: Automatically adjusts the exposure to optimize the color and brightness of pictures. You can take singles or burst shots.
   - **Beauty face**: Take a picture with lightened faces for gentler images.
   - **Best photo**: Take a series of pictures, and then select the best to save.
   - **Best face**: Select the best picture of each person from 5 consecutive pictures to get the best merged group picture.
   - **Sound & shot**: Enrich pictures by adding background sounds for a few seconds.
   - **Drama**: Take multiple pictures of a moving subject and merge them into one dramatic picture.
   - **Animated photo**: Create a picture containing selected moving objects by animating parts of the picture.
   - **Golf**: Take pictures of a golf swing. You can then play the pictures forward or backward.
   - **Rich tone (HDR)**: Enhances the realism of your pictures by capturing greater intensity and contrast of both color and light.
   - **Eraser**: Save the best picture after erasing moving objects from 5 consecutive pictures.
   - **Panorama**: Take pictures in either a horizontal or vertical direction to create a linear panorama.
   - **Surround shot**: Take 360 degree pictures to create a spherical panorama.
   - **Sports**: Take pictures of fast movement.
   - **Virtual tour**: Create interactive virtual tours of your surroundings.

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 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 to configure settings for Camera. Available options vary depending on the camera/recording mode used.

Camera

- **Photo size**: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
- **Burst shot**: Take a series of pictures of moving subjects.
- **Tap to take pics**: Tap the image on the preview screen to take pictures.
- **Face detection**: Detect faces in pictures for tagging with the person’s name.
- **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.
- **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.
- **Smart stabilization**: Activate anti-shake. Anti-shake helps to keep the focus steady when the camera is moving.
- **Save as**: Save the photo as Rich tone and original or Rich tone only.

Video

- **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Video stabilization**: Activate anti-shake. Anti-shake helps to keep the focus steady when the camera is moving.
- **Audio zoom**: While recording videos, zooming in on an object will amplify sound from that area and diminish the surrounding sound.

General

- **Location tag**: Attach a GPS location tag to the picture.
- **Review pics/videos**: Set to show pictures or videos after taking them.
- **Volume key**: Use the Volume key as the zoom key, the camera key, or the record key.
- **Timer**: Take time-delayed pictures or videos.
- **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.
- **Exposure value**: Change the exposure value. This determines how much light the camera’s sensor receives. For low light situations, use a higher exposure.
- **Guidelines**: Display viewfinder grid lines to help composition when selecting subjects.
- **Flash**: Activate or deactivate the flash.
- **Voice control**: Set the camera to take pictures with voice commands.
- **Contextual filename**: Have your location added as part of the filename. You must first activate Location tag described above.
- **Save as flipped**: Save the self-portrait or self-recording as a reversed, or mirrored, image.
- **Storage**: Select the memory location for storage.
- **Shutter sound**: Turn the shutter sound on or off.
- **Reset**: Reset the camera settings.
Clock

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

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

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.
   - **Days**: Choose the days to use this alarm.
   - **Repeat weekly**: When enabled, the alarm repeats every week.
   - **Alarm type**: Choose whether the alarm will use sound, vibration, or vibration and sound to alert you.
   - **Alarm tone**: If you have chosen an alarm type that includes sound, choose a sound to play for the alarm.
   - **Volume**: If you have chosen an alarm type that includes sound, drag the slider to set the volume of the alarm.
   - **Location alarm**: The alarm will only be activated when you are at a specified location. Tap to enable.
   - **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 assign a ringtone. Tap ADD ANOTHER FIELD to add additional contact information.
     – Tap Add to enter additional entries.
     – Tap Delete to remove an entry.
     – Tap Expand for additional fields.
     – Tap 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 Menu > 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 Link.
3. Tap LINK ANOTHER CONTACT, and then select contacts to link to the original contact.
4. Tap DONE.

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 a contact to select it, and then tap Delete.
   – or –
   Tap Menu > Delete, tap contacts to delete or tap the selected checkbox at the top of the screen to select all contacts, and then tap DONE.

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 a contact, and then tap Remove from Favorites.
   – or –
   Tap Menu > Remove from Favorites, tap contacts to remove or tap the selected checkbox at the top of the screen to select all contacts, and then tap DONE.
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 a contact to select it.
3. Tap 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 Add member and select contact(s) to add to the new group, and then tap DONE.
   - Tap Group ringtone to choose a ringtone specific to members of this group.
   - Tap Group message tone to choose a message tone specific to members of this group.
   - Tap Group vibration pattern to choose a vibration pattern specific to members of this group.
4. Tap SAVE.

Rename a Group

1. From a Home screen, tap Apps > Contacts.
2. Tap Groups, and then tap a group.
3. Tap Menu > 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 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 Menu > 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. 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 Menu > 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 Menu > 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 Menu > 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 Menu > 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 view: 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 > Settings > Manage accounts.
3. Tap Remove account.
4. Tap accounts to remove or tap the selected checkbox at the top of the screen to select all accounts, and then tap Done.

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 Menu > 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.
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 View by, and then tap to choose the way items display.
   • Tap View by > Albums, and then tap New album to create a new album.
   • Tap an album to open it.
   • Tap an image or video to view it in full screen. Scroll left or right to view the next or previous image or video.

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 Menu:
   • Edit: Use basic tools to edit your picture.
   • Write on image: Write directly on the image.
   • Favorite/Unfavorite: Add or remove the image to or from your Favorites.
   • Slideshow: Start a slideshow with the images and videos in the current folder.
   • Photo Frame: Add a frame around the image and write or draw on it.
   • Add note on back of image: Write a note on the back of the image.
   • Signature: Add a signature with text, handwriting, or an image to the picture.
• **Copy to clipboard**: Place a copy on the clipboard.

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

• **Rename**: Rename the file.

• **Buddy photo share**: Share the photo with contacts who appear in it. Your device attempts to match the faces in the image with photos of your contacts.

• **Rotate left**: Rotate the picture counterclockwise.

• **Rotate right**: Rotate the picture clockwise.

• **Crop**: Resize the frame to crop the image.

• **Set as**: Set the image as wallpaper or as a contact’s photo.

• **Details**: View image details.

• **Settings**: Change the Gallery settings.

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### 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 Menu > Select item, 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 to send it to others or share it via social network services.

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### Gallery Settings

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

1. From a Home screen, tap Apps > Gallery.
2. Tap Menu > Settings.
3. Tap an option to customize.
4. Tap Add account to add a Google or Facebook account.

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### Delete Images

1. From a Home screen, tap Apps > Gallery.
2. Tap a folder to open it.
3. In a folder, tap Menu > Select item, select images, and then tap Delete.

   – or –

   When viewing a single image, tap Delete.
Internet

Access the Internet with a fully featured web browser.

Access the Internet

- From a Home screen, tap Apps > Internet.

Command Keys

The following command keys are available:

- Left or Back key 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 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 Menu.

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 Menu > New tab.

To close a tab:
- Tap Tab manager and tap Close.

Bookmarks

To bookmark the current web page:
- Tap Bookmarks, then choose a folder, and tap Add bookmark.

To open a bookmarked web page:
- Tap Bookmarks and tap a folder, then an entry.

History

To view a list of recently visited web pages:
- Tap Bookmarks > History.

Saved Pages

To save a web page:
- Tap Menu > Save web page.

To view a list of saved web pages:
- Tap Saved pages.
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 📷 Menu > Incognito mode.

**To open a new incognito tab:**

► Tap 📷 Menu > 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 📷 Menu > Settings.

3. Tap an option and follow the onscreen instructions.
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 > Messaging.

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.

   - 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.

   - If manually typing additional recipients separate each entry with a semicolon (;). More recipients can be added at any time before the message is sent.

   - For the Groups option, tap a group and select members to add to the message. The maximum number of recipients is 10.

4. Tap the Enter message field and use the onscreen keypad to enter a message.

   - Tap and hold the Options key on the keyboard and then tap Insert emoticons to choose an available emoticon from an onscreen list and then add it into your message (at the cursor location) if desired.

5. Review your 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 > Messaging, 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 > Messaging.
2. Tap Menu > Delete.
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 DONE.
5. At the Delete conversation 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 > Messaging.
3. Tap Search.
4. Enter a word or phrase to search for, and then tap Search on the keyboard.

Messaging Settings

Configure the settings for text messages, multimedia messages, push messages, and so on.
1. From a Home screen, tap Apps > Messaging.
2. Tap Menu > 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 > Messaging.

2. Tap 🎛️: Menu > Settings > Emergency alerts.

3. Tap Emergency alerts.

   All alerts are enabled by default (check mark showing).

4. Tap an alert option to disable it.
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.
Access files stored on your device, including images, videos, songs, and sound clips.

To access the My Files app:
► From a Home screen, tap Apps > My Files.

File Groups
Files stored in the device are sorted into groups:
- All: View all files.
- Images: View image files.
- Videos: View video files.
- Music: View music and audio files.
- Documents: View document files.
- Downloaded apps: View downloaded apps.
- FTP: View FTP files.
- Recent files: View recently saved files.

Shortcuts
Shortcut folders display on the main My Files screen. When you add shortcuts to files or folders, Shortcut displays.
► Touch and hold a Shortcut to rename or delete the shortcut.

View Files in My Files
1. From a Home screen, tap Apps > My Files.
2. Tap a group.
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: At the bottom of the screen, Total, Device, and SD card available storage is displayed in graphs. The graphs are color coded to show how much storage is used and how it is used (by images, videos, music, documents, and other). Swipe across the screen to view all information.

  • Tap Menu for these options:
    - Scan for nearby devices: Search for devices that have media sharing activated.
    - Settings: Change the settings for viewing files.
Group Options

After selecting a group and selecting **Device storage** or **SD card**:

1. Tap 🏡 **Home** to return to the main My Files screen.
2. Tap 🔍 **Search** to search for a file or folder.
3. Tap 📖 **Menu** for options:
   - **Select item**: Select files or folders.
   - **Create folder**: Add a folder.
   - **View as**: Change the appearance of the files or folders.
   - **Sort by**: Sort files or folders.
   - **Add shortcut**: Add a shortcut to the main My Files screen.
   - **Settings**: Change the settings for viewing files.

**Note**: Options vary by category.

File Options

1. Tap 📖 **Menu** > **Select item**, 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.

2. Tap 📖 **Menu** 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.
   - **Zip**: Create a zip folder containing the selected files. A selected zip folder has the additional options of **Extract** and **Extract to current folder**.
   - **Details**: View file or folder details.
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 prediabetes.

**When in Doubt — Check It Out**

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

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

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

Create a Note

To create a note with S Note:

1. From a Home screen, tap Apps > S Note.
2. Tap the Create new note icon.
3. Use the S Pen to create content.
   - To use a template tap Menu > Add template.
4. 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 Tools

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

- **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 wish to select. Depending on the selection, several options are available to move, edit, or reshape the content.
- **Undo**: Tap to undo the last action.
- **Redo**: Tap to redo the last action.
- **S Pen (and finger) Mode**: Tap to switch between S Pen only edit mode and S Pen and finger edit mode.
- **Save**: Tap to save the note. The note switches to View mode. To edit the note again, tap Edit.
- Tap Menu to 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 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 **Contacts** button, and then select **Contacts** to save the number to an existing contact or create a new contact.
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, if the device does not hear you, or to give it another command.
4. Tap Voice Feedback to disable the feature and allow voice feedback.
5. Tap Help to view example commands.

S Voice Settings

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

1. From a Home screen, tap Apps > S Voice.
2. Tap Menu > Settings.
3. Tap an option and follow the onscreen instructions.
Samsung Apps is now Galaxy Apps. When you access Samsung Apps, GALAXY Apps will be installed on your device.

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 GALAXY Apps screen and then tap GALAXY Essentials.
   – or –
   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.
The Scrapbook app provides a place for you to manage the multimedia content you capture with the Scrapbooker tool.

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

For details on capturing content, see Air Command.

Edit the Scrapbook

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

1. 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 add a Category:

1. From a Home screen, tap Apps > Scrapbook.
2. Tap Menu > Manage categories.
3. Tap Add.

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 Menu > Edit category.
4. You can edit the Title and the Layout. Change them as desired. When finished, tap DONE.
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 Play
Multi task with Pop-Up Play—transform your video player into a pop-up window. The video will continue to play, and the pop-up window can be resized or moved anywhere on the screen.

1. From a Home screen, tap Apps > Video.
2. Tap a video to view it.
3. Tap Pop-up play 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 Menu > 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.
  - Conversation: 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 file in the list view.

Manage Recordings

To display a list of recordings:
1. From a Home screen, tap Apps > Voice Recorder.
2. Tap List.

To select one or more voice recordings:
1. Tap Menu > Select.
2. Tap each recording you want to delete or tap the selected checkbox at the top of the screen to select all recordings.

- Tap Share via to share the recordings or tap Delete to delete the recordings.
- Tap More options to change the category, rename the file, set as a sound notification, write to voice label, or for details.

To search through available recordings
► Tap Search to search through available recordings.

For additional options:
► Tap Menu:

- 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 (ён) or off (офф).
- 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.
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.
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).

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

Turn Wi-Fi On or Off

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

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

3. When Wi-Fi is first turned on, your device will automatically scan for available networks and display them.
4. Tap the network you want to connect to.
   • When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.
   • To manually scan for networks, tap Menu > Scan.

Manually Connect to a Wi-Fi Network

1. From a Home screen, tap Apps > Settings > CONNECTIONS.
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, or IP settings.
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.

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 Menu for options:
   - Scan: Search for available Wi-Fi networks.
   - Wi-Fi Direct: Direct device-to-device connections via Wi-Fi, without having to connect to a Wi-Fi network.
   - 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 an AT&T Wi-Fi Hotspot as soon as your phone detects it.
     - 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.

2. Tap Wi-Fi, and then tap ON/OFF to turn Wi-Fi on. Wi-Fi must be on to configure settings.

3. Tap Menu > 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 Menu > 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.
2. Tap Bluetooth, and then tap ON/OFF to turn Bluetooth on or off.

Bluetooth Status Indicators

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

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.
2. Tap Bluetooth > Menu > Rename device.

Make Your Device Visible to Other Bluetooth Devices

When you make your device visible, other Bluetooth devices 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.
2. Tap Bluetooth, and then tap ON/OFF to turn Bluetooth on.
3. Tap Bluetooth > Menu > 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.
2. Tap Bluetooth, and then tap ON/OFF to turn on Bluetooth.
3. When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
   • To manually perform a new scan, tap SCAN.
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.
2. Tap Bluetooth, and then tap ON/OFF to turn on Bluetooth.
3. Make sure that the target device is discoverable, so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
4. Tap SCAN. Your device will start to scan for Bluetooth devices within range.
5. When you see the name of the target device displayed in the Bluetooth devices section, tap the name. Your device then automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

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

Delete a Paired Device (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 your Bluetooth is active.
2. From the Bluetooth settings page, tap Settings next to the previously paired device, and then tap Unpair to delete the paired device.

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.
2. Tap Bluetooth > Menu > Received files.
Tethering and Wi-Fi Hotspot

Share your device’s Internet connection with a computer that connects to your device using a USB cable.

Use Portable Wi-Fi hotspot to share your device’s Internet connection with other devices using your device as a Portable Wi-Fi hotspot.

Use Your Device as a Portable Wi-Fi Hotspot

**Note:** You must have a tethering plan on your service account in order to use the Portable Wi-Fi hotspot.

**Warning:** Portable Wi-Fi hotspot consumes battery power and uses data service.

Turn Portable Wi-Fi Hotspot On or Off

Activate your device’s Portable Wi-Fi hotspot application to allow other devices to use your device’s Internet connection.

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Tethering and Wi-Fi hotspot.
2. Tap ON/OFF to turn Mobile Hotspot on or off.

**Warning:** By default, your device’s Portable Wi-Fi hotspot has no security applied, and any device can connect. For more information, see Configure Mobile Hotspot Settings.

Connect a Device to Your Mobile Hotspot

Use the other device’s Wi-Fi control to connect to your device’s Portable Wi-Fi hotspot.

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Tethering and Wi-Fi hotspot.
2. Tap ON/OFF to turn on Mobile Hotspot.
3. Activate Wi-Fi on the target device.
4. Scan for Wi-Fi hotspots and select the target device from the list.
5. On the target device, enter your device’s Portable Wi-Fi hotspot password. By default, the password is your device’s phone number.

Allowed Device List

Control whether devices connect to your Portable Wi-Fi hotspot with the Allowed device list. After you add devices to the list, they can scan for your device and connect using your device’s Portable Wi-Fi hotspot name and password.

**Note:** Using your device as a Portable Wi-Fi hotspot consumes battery power and uses data service. While Portable Wi-Fi hotspot is active, your device’s applications will use the Portable Wi-Fi hotspot data service. Roaming while using your device as a Portable Wi-Fi hotspot will incur extra data charges.

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Tethering and Wi-Fi hotspot > Mobile Hotspot.
2. Tap ON/OFF to turn on Mobile Hotspot.
3. Tap Menu > Allowed devices, and then tap Add to enter the other device’s Device name and MAC address.
4. Tap OK to add the device.
Change the Mobile Hotspot Password

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Tethering and Wi-Fi hotspot > Mobile Hotspot.
2. Tap ON/OFF to turn on Mobile Hotspot.
3. Tap Menu > Configure.
4. Tap the Security field and select WPA2 PSK and enter a new password.

Configure Mobile Hotspot Settings

Manage your Portable Wi-Fi hotspot security and connecting settings.

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Tethering and Wi-Fi hotspot > Mobile Hotspot.
2. Tap Menu > Configure:
   - Network SSID: View and change the name of your Portable Wi-Fi hotspot.
   - Hide my device: Make your Portable Wi-Fi hotspot invisible to other Wi-Fi devices during a scan. Other devices can still connect to your Portable Wi-Fi hotspot, but will have to set up the connection manually with your Network SSID and Password.
   - Security: Choose the security level for your Portable Wi-Fi hotspot.
   - Password: If you choose a security level that uses a password, enter the password. By default, the password is your device’s phone number.
   - Show password: Display your password instead of masking it.
   - Show advanced options: Access advanced options, including Broadcast channel, and to specify the channel your device uses for Portable Wi-Fi hotspot.

Turn Off Mobile Hotspot Automatically

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

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Tethering and Wi-Fi hotspot > Mobile Hotspot.
2. Tap ON/OFF to turn on Mobile Hotspot.
3. Tap Menu > Timeout settings and select an amount of time.

Use Tethering to Connect Your Device to a Computer

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Tethering and Wi-Fi hotspot.
2. Connect the computer to the device using the USB cable, and then tap USB tethering to turn tethering on.
Airplane Mode

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

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

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

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** > **Data usage** for options:
   - **Mobile data:** Enable mobile data. You can also control Mobile Data at the Notification Panel.
   - **Set mobile data limit:** Disable your mobile data connection when the specified limit is reached. Drag the red limit line to set the data usage limit.
   - **Data usage cycle:** Tap the 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 **Menu**:
   - **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.
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 > Location.
2. Tap ON/OFF to turn on Location services.
3. Tap Mode to select how your location is determined:
   - High accuracy: Use GPS, Wi-Fi, and mobile networks.
   - Power saving: Use Wi-Fi and mobile networks (no GPS).
   - GPS only: Use GPS only.

Recent Location Requests
Apps that have requested your location are listed under Recent location requests.
1. From a Home screen, tap Apps > Settings > CONNECTIONS > Location.
2. Tap ON/OFF to turn on Location services.
3. Tap an entry under Recent location requests to view the app’s settings.

Location Reporting
Google uses Location Reporting to store and use your device’s most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.
1. From a Home screen, tap Apps > Settings > CONNECTIONS > Location.
2. Tap ON/OFF to turn on Location services.
3. Tap Google Location Reporting for options:
   - Location Reporting: Allow Google apps to use your device’s most recent location data.
   - Location History: Allow Google to store a history of your location data. Tap DELETE LOCATION HISTORY to permanently delete your location history.
### My Places

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

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Location.
2. Tap ON/OFF to turn on Location services.
3. Tap My places.
   - To add a location, tap a category (Home, Work, or Car).
   - To add additional categories, tap Add.
   - To delete a custom category, tap Menu > Select, select categories, and tap Delete.

**Note:** Home, Work, and Car cannot be deleted.

### Tag Locations

Allow the Camera, S Note, Scrapbook, and Voice Recorder to use your current location data.

1. From a Home screen, tap Apps > Settings > CONNECTIONS > Location.
2. Tap ON/OFF to turn on Location services.
3. Under Tag current location tap the apps you would like to allow access to your location data.
More Networks

This option displays additional connectivity information.

Default Messaging App

If you have multiple messaging apps installed, you can select which app should be your default messaging app.

1. From a Home screen, tap Apps > Settings > CONNECTIONS.
2. Tap More networks > Default messaging app to select a default.

Printing

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

1. From a Home screen, tap Apps > Settings > CONNECTIONS.
3. Tap a print service and follow the prompts.

Note: Tap Download plug-in to install additional print service drivers.

Mobile Networks

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

1. From a Home screen, tap Apps > Settings > CONNECTIONS.
2. Tap More networks > Mobile networks for options:
   - Mobile data: Allow your device to connect to a mobile data network.
   - International Data Roaming: Allow your device to connect to data services while roaming. Significantly higher charges may result.
   - Access Point Names: Create and edit Access Point names (APNs).
   - Network operators: Search for available networks.
Virtual Private Networks (VPN)

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

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

Add a VPN

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

Connect to a VPN

1. From a Home screen, tap Apps > Settings > CONNECTIONS > More networks > VPN.
2. Tap Basic VPN or Advanced IPSec VPN.
3. Tap the VPN, enter your log in information, and tap CONNECT.

Edit or Delete a VPN

1. From a Home screen, tap Apps > Settings > CONNECTIONS > 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 > 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 > NFC.
2. Tap ON/OFF to turn NFC on.
3. Tap ON/OFF to turn Android Beam on.
4. Touch the back of your device with another NFC-capable device and the content is transferred.
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.
2. Tap ON/OFF to turn S Beam on.
3. Touch the back of your device with another NFC-capable device and the content is transferred.
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 > 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.
Share Your Device’s Screen with Another Device.

1. From a Home screen, tap ☰ Apps > ☰ Settings > CONNECTIONS.
2. Tap Screen Mirroring. Available devices are listed.
3. Tap SCAN to find more devices.
4. Tap a device and follow the prompts to connect.
Sounds and Notifications

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

Adjust the Volume

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

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

1. From a Home screen, tap Apps > Settings > DEVICE.
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 have made.

1. From a Home screen, tap Apps > Settings > DEVICE.
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 will not make sounds or vibrations to notify you of notifications or alerts.

Set the Vibration Intensity

Set the amount of vibration for incoming calls, notifications, and haptic feedback.

1. From a Home screen, tap Apps > Settings > DEVICE.
2. Tap Sounds and notifications > Vibration intensity.
3. Drag the sliders to set the various vibration intensities.
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.
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.
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 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.
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 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.
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.
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.
4. To modify sound settings associated with several frequently used apps, tap one of the following to access the app’s sound settings:
   • Call: Configure call notifications and alerts.
   • Messaging: Configure messaging notifications and alerts.
   • Email: Configure email account notifications.
   • Calendar: Configure event notifications.
**Do Not Disturb**

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

1. From a Home screen, tap 📲 Apps > 📦 Settings > DEVICE.
2. Tap Sounds and notifications > Do not disturb.
3. Tap ON/OFF to enable this option.

**Allow Exceptions**

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

1. From a Home screen, tap 📲 Apps > 📦 Settings > DEVICE.
2. Tap Sounds and notifications > Do not disturb.
3. Tap Allow exceptions, and tap ON/OFF to enable the exceptions you want to allow.

**Scheduling**

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

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

1. From a Home screen, tap 📲 Apps > 📦 Settings > DEVICE.
2. Tap Sounds and notifications > Do not disturb.
3. Tap Set schedule, and set the Days, Start time, and End time.

**Set Application Notifications**

To set whether application notifications are displayed:

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

**Notification Access**

Allow apps to read notifications.

1. From a Home screen, tap 📲 Apps > 📦 Settings > DEVICE.
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.

**More Sound Settings**

Customize your call sounds. Touch

1. From a Home screen, tap 📲 Apps > 📦 Settings > DEVICE.
2. Tap Sounds and notifications > Adapt sound.
3. Read the instructions and touch START.
4. Follow the onscreen instructions to set up your personal call sound.

**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.
2. Tap Sounds and notifications > While locked
3. Select an option: Show all content, Hide sensitive content, or Do not show notifications.
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.
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 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.

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.
2. Tap Display > Screen timeout, and then choose a time period.

Set the Touch Key Light Duration

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

1. From a Home screen, tap Apps > Settings > DEVICE.
2. Tap Display > Touch key light duration to choose a timeout 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.
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 Adapt display.
   – or –
   Choose a specific type of screen mode based on what you are viewing.

Reading Mode

Optimize the screen for reading with selected applications.

1. From a Home screen, tap Apps > Settings > DEVICE.
2. Tap Display > Reading mode.
3. Tap ON/OFF to enable the feature.
4. Tap EDIT to select additional applications for use with Reading mode.
Auto Adjust the Screen Tone

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

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

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.
2. Tap Display > Auto rotate screen 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.
2. Tap Display > Daydream. Tap ON/OFF to turn Daydream on. Configure options:
   - Colors: Tap the selector to display a changing screen of colors.
   - Flipboard: Display pictures from Flipboard. Tap Settings for options.
   - Google Photos: Display pictures from your Google Photos account. Tap Settings for options.
   - Photo Frame: Display pictures in a photo frame. Tap Settings for options.
   - Photo Table: Display pictures in a photo table. Tap Settings for options.
3. Tap Menu > Preview to see a demonstration of Daydream.
4. Tap Menu > Select when to daydream and tap While docked, While charging, or Both.

Show Battery Percentage

Display the battery charge percentage next to the battery icon on the Status Bar.

1. From a Home screen, tap Apps > Settings > DEVICE.
2. Tap Display.
3. Tap the checkbox next to Show battery percentage to enable the feature.

Edit After Screen Capture

This feature allows you to go edit a screen immediately after taking a screen capture.

1. From a Home screen, tap Apps > Settings > DEVICE.
2. Tap Display.
3. Tap the checkbox next to Edit after screen capture to enable the feature.
Multi Window Settings

*Turn on the Multi Window feature.*

For more information, see Using Multi Window.

1. From a Home screen, tap Apps > Settings > DEVICE > Multi window.

2. Tap ON/OFF to enable. The following options are available:

- **Open in split screen view:** Automatically open content in split screen view when an application is open in full screen view. Applications must support Multi Window.

- **Pop-up view shortcut:** Change to pop-up view by swiping down diagonally from either corner at the top of the screen.
LED Indicator

Allows you to turn on your LED lights for charging, missed events, and incoming notifications. The light will turn on by default unless you turn it off.

Select which functions the LED indicator on the front of the device will display.

1. From a Home screen, tap Apps > Settings > DEVICE.
2. Tap LED indicator.

The following options display:

- **Charging**: LED lights up when the device is connected to the charger.
- **Low battery**: LED lights up when the battery level is low.
- **Notifications**: LED lights up when you have missed calls, messages, or application events.
- **Voice recording**: LED lights up when you are recording voice. The LED only lights up when the screen is off.
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.
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.
   - Signature: Write your signature to unlock the screen.
   - 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.
   - None: Never use a Lock screen.

Screen Lock Options

**Swipe Only**
- Phone shortcut: Display a phone shortcut on your Lock screen.
- Wake up in lock screen: Unlock the screen using wake-up command when swipe is enabled.
- Help text: Show help information on unlocking the screen on the Lock screen.

**Signature Only**
- Make signature visible: Display the signature as you write it.
- Accuracy level: Set the accuracy level required of your signature: High, Medium, or Low.

**Swipe and Pattern Only**
- Unlock effect: Set the visual effect used when unlocking the screen.

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

**All Screen Locks**
- Clock widget options: Show the dual clock on the lock screen, adjust the Clock size, and show the date.
- Camera shortcut: Display a camera shortcut on your Lock screen.
- Personal message: Enter a customized personalized message that is displayed on the lock screen. Tap ON/OFF to turn it on.
- Owner Information: Show owner information on the Lock screen.
- Action memo on lock screen: Enable Action memos while the screen is locked.
- Additional information: Display Weather information or the step count when Pedometer in S Health is turned on.
- Secured lock time: Lock the screen instantly when the Power Key is pressed, or set the time delay before the screen automatically turns off. (Not shown on Swipe screen.)
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.

2. Tap Wallpaper.

3. Tap Home screen, Lock screen, or Home and lock screen.

4. Tap a 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 Travel wallpaper to set up that option (Lock screen only).
Font Settings

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.

2. Tap Font to choose a font style and font size.
   - Tap Font style > DOWNLOAD to find new fonts from the Google Play store.
Notifications Panel Settings

Customize which Quick setting buttons appear on the Notification Panel.

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

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

– or –

From the Notification Panel, tap View all > Edit.

The following options are available:

• Brightness adjustment: Adjust the screen brightness from the Notification Panel.

• Recommended apps: Show selected apps on the Notification Panel after certain actions, such as connecting earphones. Tap ON/OFF to turn the feature on.

To customize which shortcuts appear on the Recommended apps menu:

1. From a Home screen, tap Apps > Settings > DEVICE > Notification panel.

2. Tap Recommended apps.

3. Tap ON/OFF to turn the feature on.

4. Tap EDIT and choose which apps to display on the Notification Panel when you insert earphones or when docking your device.

Recommended Applications

When you perform certain actions, such as plugging in earphones, the Notification Panel can display shortcut to your favorite related apps, such as Music Player or Google Play Music.

To customize which shortcuts appear on the Recommended apps menu:

1. From a Home screen, tap Apps > Settings > DEVICE > Notification panel.

2. Tap Recommended apps.

3. Tap ON/OFF to turn the feature on.

4. Tap EDIT and choose which apps to display on the Notification Panel when you insert earphones or when docking your device.

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

► Tap and drag buttons to reorder them.

To use the default layout:

► Tap RESET.
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 > Easy mode.

2. Tap ON/OFF to enable this feature.
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.
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.
- **Notification reminder:** Play a beep when a notification for a call, message, and so on, has been missed.

**Hearing**
- **Flash notification:** Set your camera light to blink whenever you receive a notification.
- **Turn off all sounds:** For privacy, turn off all notifications and audio.
- **Hearing aids:** Improve the sound quality 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.
- **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.

**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.
**Dexterity and Interaction**

- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.

- **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**

Additional accessibility apps may be downloaded from the Google Play store. Certain accessibility services you install may be configured here.
Call Settings

Configure the various settings used to make and receive calls.

To access Call settings:
► From a Home screen, tap Apps > Settings > DEVICE > Call.
– or –
From a Home screen, tap Phone, and then tap Menu > Settings > Call.

Call Rejection
1. From a Home screen, tap Apps > Settings > DEVICE > Call > Call rejection.
2. Tap Auto reject mode and tap one of the following options:
   • Off: Do not reject incoming calls.
   • All incoming calls: Reject all calls.
   • Auto reject numbers: Reject all calls in your Reject list.
3. Tap Auto reject list.
   • Tap Add to manually add numbers to the Reject list.
   • Tap Unknown to create a check mark and automatically reject all calls that are not in your Contacts list.

Set Reject Messages
1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Call rejection > Rejection messages.
3. Tap Add to manually add a reject message.
   – or –
   Tap one of the pre-written messages to be displayed when you want the call to be rejected. You can edit the message if desired.
4. Tap SAVE to save the reject message.
5. Tap Delete to delete reject messages.

Answer and End Calls
1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Answering/ending calls.
3. The following options display:
   • Pressing the home key: Press the Home key to answer the phone.
   • Voice control: Answer incoming voice calls using your voice.
   • Pressing the Power key: Press the Power key to end the current call.
Turn Off Screen During Calls

This option turns on the proximity sensor during calls so that your phone will know to turn the screen off to save power.

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Turn off screen during calls to create a check mark and enable the feature.

Call-Related Pop-Ups

To show incoming call notifications as pop-ups if another application is already open in full screen view:

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Call-related pop-ups.
3. Tap the Call notification pop-ups checkbox to enable the feature.

Show Caller Information

To display my history of communications with the caller:

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap the Show caller information checkbox to enable the feature.

Call Alerts

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Call alerts.
3. Call vibrations options enable your phone to vibrate when the called party answers the phone.
   - Choose from Vibrate when answered and Vibrate when call ends.
4. Call status tones can be set to sound during a call.
   - Choose from: Call connect tone, Minute minder, and Call end tone.
5. Tap Notify during calls to allow alarms and notifications to sound during calls.

Accessory Settings for Call

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Call accessories.

The following options display:

- **Automatic answering**: Configures the device to automatically answer an incoming call when a headset is detected.
- **Automatic answering timer**: Configures the time delay before the device automatically accepts the incoming call.
- **Outgoing call conditions**: Make calls even when the device is locked.
### Additional Call Settings

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

2. Tap More settings.

The following settings display:

- **Caller ID**: Set whether your number is displayed when someone answers your outgoing call. Choose from: Network default, Hide number, or Show number.
- **Call forwarding**: Configure call forwarding settings.
- **Auto area code**: Automatically add a specific area code to all outbound calls.
- **Call waiting**: Notifies you of an incoming call while you are on another call.
- **Auto redial**: Automatically redial the dialed number if it is unable to connect or the call is cut off.
- **Fixed dialing numbers**: Manages fixed dialing numbers.
- **TTY mode**: A TTY (also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your device is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it is compatible with digital cell phones.

Your phone and TTY device will connect via a special cable that plugs into your phone’s headset jack. If this cable was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

Tap **TTY mode** and then tap **TTY Full**, **TTY HCO**, or **TTY VCO** to activate the feature, or **TTY Off** to deactivate the feature. Off is the default setting.

- **Hearing aids**: Turn on Hearing aid compatibility on your device.

### Ringtones and Keypad Tones

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

2. Tap Ringtones and keypad tones.

3. Tap Ringtones, select a ringtone, and tap OK.

    - Tap ADD to locate an audio file to create as a ringtone.

4. Tap Vibrations, select a vibration type, and tap OK.

    - Tap CREATE to begin creating your own custom vibration.

5. Tap **Vibrate when ringing** to create a check mark if you want your phone to vibrate when a call is incoming.

6. Tap **Dialing keypad tone** to create a check mark if you want tones to play when the keypad is pressed.

### Personalize Call Sound

This option allows you to personalize the sounds you hear during a call with and without earphones.

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

2. Tap **Personalize call sound** and activate the feature by selecting an available option.

### Noise Reduction

This option allows you to suppress background noise during a call.

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

2. Tap **Noise reduction** to create a check mark and enable the feature.
**Increase Volume in Pocket**

This option increases the ringtone volume when the device is in a pocket or a bag. It uses the proximity sensor to detect its location.

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Increase volume in pocket to create a check mark and enable the feature.

**Voicemail**

You can view your voicemail number from this menu.

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Service provider.
3. If an additional voicemail service is in use (other than carrier), tap Voicemail settings to view your selected voicemail number and information.

**Sound - Voicemail Ringtone**

This option allows you to assign your default voicemail notification tone.

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Alert sound.
3. Select a voicemail notification tone and tap OK.

**Vibrate**

This option allows you to activate a vibration for an incoming voicemail.

1. From a Home screen, tap Apps > Settings > DEVICE > Call.
2. Tap Vibrate to toggle the feature on or off.
Configure your device's language and input settings.

Set Your Default Language
1. From a Home screen, tap Apps > Settings > CONTROLS.
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 > CONTROLS.
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 > CONTROLS.
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 > CONTROLS.
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 > CONTROLS.
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 > CONTROLS.
2. Tap Language and input.
3. Under Handwriting Recognition, tap Language.
4. Tap MORE LANGUAGES to select a new language.

Voice Input

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

To perform a voice search, tap Microphone 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 > CONTROLS.
2. Tap Language and input > Voice input for options.
3. Tap Enhanced Google services for full voice interaction or Basic Google recognition or Samsung powered by Vingo for simple voice recognition.
4. Tap Settings next to the selected option to configure its options.
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 > CONTROLS.

2. Tap Language and input > Text-to-speech options for options:
   - Choose either the Samsung or Pico TTS 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.

Mouse/Trackpad Settings

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

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

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.
Set up voice commands to control your device.

1. From a Home screen, tap Apps > Settings > CONTROLS.
2. Tap Voice control.
3. Tap ON/OFF to turn the feature on.

The following options are available. Tap an option to create a check mark and activate the feature.

- **Incoming calls**: Answer or reject calls using the commands Answer and Reject.
- **Alarm**: Stop or snooze an alarm by using the commands “Stop” and “Snooze”.
- **Camera**: Take pictures using the voice commands “Capture”, “Shoot”, “Smile”, “Cheese”, or “Record video”.
- **Music**: allows you to control your Music player using the voice commands “Next”, “Previous”, “Pause”, “Play”, “Volume up”, and “Volume down”.

**Note**: If you set the alert type for calls or alarms to vibration, voice control will not be available.
Hands-Free Mode

When enabled, incoming calls and new notifications will be read aloud.

1. From a Home screen, tap Apps > Settings > CONTROLS > Hands-free mode.

2. Tap ON/OFF to turn the feature on and configure these options:

   • **Incoming call**: Read out callers’ information when receiving incoming calls.

   • **Air call-accept**: Wave your hand over the screen to accept incoming calls.

   • **Messages**: Read out senders’ information when receiving incoming calls.

   • **Alarm**: Read out alarm information when alarms sound.

   • **Calendar event info**: read out scheduled alarm information when alarms sound.

**Note**: When Hands-Free mode is active, displays in the Status Bar.
S Pen Settings

Configure options and settings for the S Pen.

To configure settings for the S Pen:

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

2. Tap S Pen to configure the following settings:
   - **Disable pen detection**: Turn off pen detection when the S Pen is attached. This can help extend battery life.
   - **S Pen keeper**: Enable a sound alert and onscreen notification when you walk away with the device without the pen inserted in its slot.
   - **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.
   - **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.
One-Handed Operation

Adjust the screen size and layout for easy control of your device with one hand.

To enable One-Handed Operation features:
1. From a Home screen, tap Apps > Settings > CONTROLS > One-handed operation.
2. Tap any of the following features to turn it on or off:
   - **Use for all screens**: Adjust the scale and position of all screens by swiping the edge of the screen.
   - **Keypad and in-call buttons**: Adjust the position of the dialing keyboard and in-call buttons for one-handed operation.
   - **Samsung keyboard**: Adjust the position of the Samsung keyboard for one-handed operation.
   - **Calculator**: Adjust the position of the Samsung calculator for one-handed operation.
   - **Unlock pattern**: Adjust the scale of the unlock pattern screen for use with one hand.
   - **Learn about one-handed operation**: Provides an onscreen tutorial for the use of these one-handed features/functions.
Motion Control Settings

You can control your device by using various hand motions and gestures. You can also control your device’s screen based on the orientation of your face.

Air Gesture
Control your device by making specific gestures with your hand.

1. From a Home screen, tap Apps > Settings > CONTROLS.
2. Tap Air gesture.
3. Tap ON/OFF to turn the feature on.
4. Tap ON/OFF to turn on each option, and then tap the option to try it.

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

1. From a Home screen, tap Apps > Settings > CONTROLS.
2. Tap Air view.
3. Tap ON/OFF to turn the feature on.
4. Tap an option and following the onscreen instructions.

Air Command
When you press the pen button while hovering your pen over the screen, the air command feature will appear.

1. From a Home screen, tap Apps > Settings > CONTROLS.
2. Tap Air command.
3. Tap ON/OFF to turn the feature on.
4. Read the onscreen instructions for more information.

Motions
Control your device with natural movements.

1. From a Home screen, tap Apps > Settings > CONTROLS.
2. Tap Motions.
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.
   - Zoom: Zoom in or out of the screen when in Gallery or Internet.
   - Browse an image: Move around an image when zoomed in.
   - Mute/pause: Mute or pause sounds and video by covering the screen or turning over the device.
Palm Motion

Capture a screen or mute or pause sounds by using the palm of your hand.

1. From a Home screen, tap \Apps \Settings > CONTROLS.
2. Tap Palm motion.
3. Tap ON/OFF to enable each of the following:
   - **Capture screen**: Capture an image of the screen when you swipe your hand left or right across the screen.
   - **Mute/pause**: Mute or pause sounds and video by covering the screen or turning over the device.

Smart Screen

The Smart screen options allow you to customize your screen settings to make the screen more responsive and easier to use.

1. From a Home screen, tap \Apps \Settings > CONTROLS.
2. Tap Smart screen.
3. Tap any of the following options to create a check mark and activate the feature:
   - **Smart stay**: Disables the screen timeout if your phone detects that your face is watching the screen.
   - **Smart rotation**: Disables the auto screen rotation by checking the orientation of your face and the device.
   - **Smart pause**: Pauses videos when your device detects that your head has moved away from the screen.

Increase Touch Sensitivity

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

1. From a Home screen, tap \Apps \Settings > CONTROLS.
2. Tap Increase touch sensitivity to turn the feature on.
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.
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.
2. Tap Accounts > (account type).
3. Tap an account to configure that account’s settings.
   - or –
   Tap Settings and then tap an account to configure settings for that account.
   - or –
   Tap other available options for 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.
2. Tap Accounts > (account type).
3. Tap an account to configure that account’s settings.
   - or –
   Tap Settings and then tap an account to configure settings for that account.
   - or –
   Tap other available options for the account.

Delete an Account

1. From a Home screen, tap Apps > Settings > GENERAL.
2. Tap Accounts > (account type).
3. Tap the account and then tap Menu > 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.
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.
2. Tap Backup and reset > Factory data reset.
3. Tap RESET DEVICE and follow the prompts to perform the reset.
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.
2. Tap Date and time.
3. Set the date, time, time zone, time format, and date format.
Configure options when using HDMI audio devices (not included) or a car or desk dock (not included).

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

2. Tap Accessories for options:

**Dock**
- **Dock sound**: Play a sound when inserting and removing the device from a dock.
- **Audio output mode**: Use the external dock speakers when the phone is docked.
- **Desk Home screen display**: Display the desk home screen whenever the phone is docked.

**S View Cover**
- **Automatic unlock**: Flip the cover open to unlock the screen when secure lock is disabled.
- **Set style clock**: Choose a clock style.
- **S View window wallpaper**: Choose a wallpaper.
- **Select items to show**: Choose to show a Camera shortcut, Weather, or Pedometer.

**HDMI**
- **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.
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 > GENERAL > Application manager.
2. Tap DOWNLOADED to view a list of all the downloaded applications on your device.
   - To switch the order of the DOWNLOADED list, tap Menu > Sort by size or Sort by name.
   - To reset all of your application preferences, tap Menu > Reset app preferences.
   - 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.
     - DISABLE: Disable apps that cannot be uninstalled.
     - MOVE TO SD CARD: Move this app to your microSD card.

Downloaded
Displays apps you have downloaded onto your device.

1. From a Home screen, tap Apps > Settings > GENERAL > Application manager.
2. Tap DOWNLOADED to view a list of all the downloaded applications on your device.
   - To switch the order of the DOWNLOADED list, tap Menu > Sort by size or Sort by name.
   - To reset all of your application preferences, tap Menu > Reset app preferences.
   - 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.
     - DISABLE: Disable apps that cannot be uninstalled.
     - 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 ➔ GENERAL ➔ Application manager.
2. Tap **SD CARD** to view a list of all the downloaded applications on your SD card.
   - To switch the order of the SD CARD list, tap ➔ Menu ➔ Sort by size or Sort by name.
   - To reset your application preferences, tap ➔ Menu ➔ Reset app preferences.

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

3. 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 ➔ GENERAL ➔ 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.
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 > GENERAL > 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.
Battery

View how battery power is used for device activities.

1. From a Home screen, tap Apps > Settings > GENERAL.
2. Tap Battery for options:
   - **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, Android OS, or an app to view they are affecting battery use.
2. Tap Refresh to update the listing.

**Note**: Other applications may be running that affect battery use.
Power Saving Mode

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

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

1. From a Home screen, tap Apps > Settings > GENERAL.
2. Tap Power saving mode.
3. Tap ON/OFF to turn the feature on.
4. Tap Select when enabled and tap Always or Auto enable.
5. Tap the following options to create a check mark and conserve power:
   - **CPU performance**: Limit the maximum performance of the CPU.
   - **Screen output**: Decrease the screen brightness.
   - **Turn off haptic feedback**: Turn off vibration when you tap or touch the screen.
6. Tap Learn about power saving to learn about various ways to conserve battery power.

**Tip**: Tap Menu > 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.

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.
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.
2. Tap Storage > Unmount SD card.
3. Remove the back cover. For more information, see Remove the Back Cover.
4. Carefully 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 backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

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

Locate a Lost Device
Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely.

**Note**: You must sign up for a Samsung account and enable Google location service to use Remote controls.

1. From a Home screen, tap Apps > Settings > GENERAL.
2. Tap Security > Remote controls and follow the prompts to set up Remote controls.

Receive an Alert When Your SIM Card Is Changed
Prevent unauthorized changes to your SIM card by being alerted whenever an app or service attempts to change data on your SIM card.

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

Find My Mobile Web Page
To access your device remotely, visit findmymobile.samsung.com.

Set Up or Change Your Factory Data Password
Protect your device from being reset accidentally by requiring a special password before it can be reset to its factory defaults.

1. From a Home screen, tap Apps > Settings > GENERAL.
2. Tap Security > Set up/change password and follow the prompts.
Set Up or Change Your SIM Card Lock

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

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

View Passwords

Display password characters briefly as you type them.

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

Advanced Security Settings

Use these options to configure advanced security settings.

1. From a Home screen, tap Apps > Settings > GENERAL.
2. Tap Security for options:
   - Trusted agents: View or disable trusted agents.
   - Access application usage data: View the applications that can access your device’s usage history.
   - Smart Lock: Add trusted devices and places. Your phone will be kept unlocked when in these locations or connected to these devices.

Note: To view Trusted agents or Smart Lock, set up a screen lock (pin, password, or pattern). For more information, see Set a Screen Lock.
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.

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**: Report diagnostic information when you are having technical problems.
   - **Device name**: View and change your device’s name.
   - Additional device information includes the Model number, Android version, Build number, and more.

Software Updates

Use Software update to update your device’s software.

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

2. Tap About device > Software updates.

3. Follow the prompts to check for available software updates to download and install.