


## Section 11: Settings

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This section explains Settings for customizing your device.

### Accessing Settings

- From a Home screen, tap  **Apps** →  **Settings**.  
– or –

From any screen, tap the Time in the System Bar, then tap  **Settings**. For more information, refer to “*Quick Settings*” on page 33.

The Settings screen displays.

### The Settings Screen

The Settings screen has tabs on the left side of the screen. Information related to the tabs displays on the right side of the screen. There are four major groups of settings: Wireless and network, Device, Personal, and System.

### Wireless and Network

Control your device’s wireless connections.

#### Wi-Fi

Your device supports Wi-Fi a/b/g/n. Use Wi-Fi settings to manage your device’s Wi-Fi connections.

For more information about using your device’s Wi-Fi features, see “*Wi-Fi*” on page 150.

#### Turning Wi-Fi On or Off

When you turn Wi-Fi service on, your device automatically searches for available, in-range Wireless Access Points (WAPs).

- From any Home screen, tap the time, then tap **Wi-Fi** from the Quick Settings menu.

For more information, refer to “*Quick Settings*” on page 33.




– or –

From a Home screen, tap  **Apps** →  **Settings**.

On the Wi-Fi tab, tap the **OFF / ON** icon  to turn Wi-Fi on or off.

## Add Wi-Fi Network

To open a dialog where you can add a Wi-Fi network by entering its Network SSID (the name it broadcasts), security type, and other properties:

1. From a Home screen, tap  **Apps** →  **Settings** → **Wi-Fi**, and then select  **Add Wi-Fi network**.
2. Use the keyboard to enter **Network SSID**.
3. Tap the **Security** field and then select a security type.

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**Note:** Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

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4. If necessary, tap **Password** and enter the password or hex key.

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**Note:** Confirm you have entered the correct password by placing a green check mark in the **Show password** field.

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5. Select **Save**.

## Advanced Settings

Set up and manage wireless access points.

1. From a Home screen, tap  **Apps** →  **Settings** → **Wi-Fi**.
2. Tap  **Menu** → **Advanced**.

The following options display:

- **Network notification:** Have your device alert you to new Wireless Access Points (WAPs). Tap **Network notification** to turn notifications On or Off. When enabled, a check mark  appears in the check box.
- **Keep Wi-Fi on during sleep:** Specify when to disconnect from Wi-Fi. Option are: Always, Only when plugged in, or Never.
- **MAC address:** View your device's MAC address, required when connecting to some secured networks (not configurable).
- **IP address:** View your device's IP address.

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## Bluetooth

Use Bluetooth settings to manage Bluetooth connections, set your device's name, and control your device's visibility.


### Turning Bluetooth On or Off

- From any Home screen, touch the time, then tap **Bluetooth** from the Quick Settings menu.

For more information, refer to “*Quick Settings*” on page 33.

– or –




From a Home screen, tap  **Apps** →  **Settings**.

On the Bluetooth tab, tap the **OFF / ON** icon  to turn Bluetooth on or off.

For more information about using Bluetooth to exchange information with other Bluetooth devices, see “*Bluetooth*” on page 154.

## Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.




- From a Home screen, tap  **Apps** →  **Settings** → **Bluetooth**.
- Tap **Scan** to scan for nearby discoverable devices. After searching, tap a device to pair with it. For more information, refer to “*Pairing with a Bluetooth Device*” on page 155.
- Tap  **Menu** and select a Bluetooth setting to configure:
  - **Rename device:** Your device's default name displays on screen. Tap to change the device name. Available when Bluetooth is turned On.
  - **Visible time-out:** Use this setting to control when to automatically turn off the Discoverable option: 2 min, 5 min, 1 hour, or Never timeout.
  - **Received files:** Show the list of files received by using Bluetooth.

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## Data Usage

From this screen you can view the Wi-Fi or Ethernet data usage.

1. From a Home screen, tap  **Apps** →  **Settings** → **Data usage**.
2. Tap the **OFF / ON** icon  to turn the Mobile data on or off.

### To set a mobile data limit:

1. Tap the **OFF / ON** icon  to turn the Mobile data on or off.
2. Place a check mark in the **Set mobile data limit** field.
3. Read the on-screen disclaimer info and tap **OK**.
4. Touch and drag the far right ends of the red or orange horizontal lines to manually adjust both the Warning and Maximum data limits.
5. Touch and drag the bottom grey vertical lines to adjust the time frames.
6. Tap the **Data usage cycle** button and select either the current cycle or define your own by selecting **Change cycle**.

7. Tap **Upgrade data service** to access your account information and review your current plan information and possible upgrade options.
8. Tap an application link (bottom of screen) to review application settings and access restrict background data options.
9. Tap  **Menu** and then select from the available on-screen options:
  - **Data roaming** allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage. For more information, refer to "*Data Roaming*" on page 207.
  - **Restrict background data** prevents background data usage. This can help prevent over usage of your data minutes.
  - **Show Wi-Fi usage** activates an additional Wi-Fi tab that shows you your Wi-Fi data usage.

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

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## More Settings

This tab displays additional wireless and network information.

- From a Home screen, tap  **Apps** →  **Settings** → **More settings**.

Options display for Airplane mode, Mobile networks, Wi-Fi Direct, Data usage, VPN, Kies via Wi-Fi, and Nearby devices.

## Airplane Mode

Airplane mode allows you to use many of your tablet's features, such as Camera, Games, and more, when you are in an airplane or in any other area where accessing data is prohibited.

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**Important!** When your tablet is in Airplane Mode, it cannot access online information or applications.

---



- Press and hold the **Power/Lock Key**  then select **Airplane mode**.

– or –

From any Home screen, touch the time, then tap Airplane mode from the Quick Settings menu.

– or –

From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Airplane mode**, tap the check box, and then select **OK** to turn on Airplane mode.

A check mark  appears in the check box when Airplane mode is On. The Airplane mode icon  is displayed at the top of your screen.

## Kies via Wi-Fi

Wi-Fi configuration and usage by Kies Air.

- From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Kies via Wi-Fi**.
- Select the source of the Wi-Fi connection for Kies air.

## Using Mobile networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

- From a Home screen, tap  **Apps** →  **Settings**  
→ **More settings** → **Mobile networks**.

The following options display:

### Mobile data

Allows you to activate data network usage on your device.

- From a Home screen, tap  **Apps** →  **Settings**  
→ **More settings** → **Mobile networks** → **Mobile data**.

### Data Roaming

Connects to your service provider's partner networks and accesses data services when you are out of your service providers area of coverage.

1. From a Home screen, tap  **Apps** →  **Settings**  
→ **More settings** → **Mobile networks**.



2. Tap **Data roaming** to connect to data services while roaming outside your network.

– or –

Tap **Data roaming** again to remove the green check mark and deactivate the feature.

## Access Point Names

To access a wireless access point:

- From a Home screen, tap  **Apps** →  **Settings**  
→ **More settings** → **Mobile networks** → **Access Point Names**. A list of the Access point names display. The active access point displays a bright green, filled circle to the right of the name.

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## Network mode

You can configure your device to either manually detect and use either an Auto (GSM/WCDMA), 2G (GSM only) or 3G (WCDMA only) data network connection.

- From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Mobile networks** → **Network mode**.



## Using the 4G Network

To confirm you are always using the fastest possible connection, the device has an automatic detection method where it finds both the fastest and most stable connection/communication method. This device is capable of using either 4G/3G services for this connection.

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**Note:** WCDMA is only available on the 4G network.

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- From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Mobile networks** → **Network mode**.
- Tap **GSM/WCDMA (Auto mode)**. A check mark displays next to this option to indicate that it is active. This is the default mode for this device.

## Using the 2G (EDGE) Network

If you are not using applications that require the 3G network speed (any application that accesses the network or uses a browser), using the 2G network saves battery life.

- From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Mobile networks** → **Network mode**.
- Tap **GSM only**. A check mark displays next to this option to indicate that it is active.



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**Note:** Connecting to 2G networks slows the data transfer speed and time.

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## Using the 3G Network



If you are using applications that require the 3G network speed, follow these instructions to connect to the 3G network.

- From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Mobile networks** → **Network mode**.
- Tap **WCDMA only**. A check mark displays next to this option to indicate that it is active.

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## Network Operators

Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Mobile networks**.
2. Tap **Network operators**. The current network connection displays at the bottom of the list.

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**Important!** You must deactivate data service prior to searching for an available network.

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3. Tap **Search now** to manually search for a network.
4. Tap **Select automatically** to automatically select a network connection.



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**Note:** Connecting to 2G networks slows the data transfer speed and time.

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## Default Setup Options

Your device default is set to Automatic (to automatically search for an available network. You can set this option to Manual to select a network each time you connect.

1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Mobile networks** → **Network operators**.
2. Tap **Default setup**.
3. Tap **Manual** to locate and connect to a network manually.  
– or –
4. Tap **Automatic** to allow the device to automatically select a network.

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## Tethering and Portable HotSpot

The Tethering option allows you to share your device's mobile data connection via a direct USB connection between your device and computer.

The Portable HotSpot feature allows you to turn your device into a Wi-Fi hotspot. The feature works best when used in conjunction with HSPA+ (4G) data services (although 3G service can also be used).

For more information, see “USB Tethering” on page 157 or see “Portable Wi-Fi HotSpot” on page 158.




## Wi-Fi Direct Settings

You can configure your device to connect directly with other Wi-Fi capable devices. This is an easy way to transfer data between devices. These devices must be enabled for Wi-Fi Direct communication. This connection is direct and not via a hot spot or WAP.

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**Note:** Activating this feature will disconnect your current Wi-Fi network connection.

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1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Wi-Fi Direct**.
2. Tap the **OFF / ON** icon  to turn Wi-Fi Direct on. If you are currently connected to a Wi-Fi network, a prompt displays **Start Wi-Fi Direct operation. This will turn off Wi-Fi client/hotspot operation.**
3. Tap **OK** to continue. Your device will begin to search for other devices enabled with Wi-Fi direct connections.

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**Note:** Confirm  (**Wi-Fi Direct On**) appears at the bottom of the screen.

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4. Tap the Wi-Fi Direct tab to display Available devices.

5. Enable Wi-Fi Direct (similar to Steps 1 and 2) on the device to which you want to connect.

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**Note:** The target device must also have Wi-Fi Direct service active and running before it is detected by your device.

---

6. Tap **Scan** and select the single device name to begin the connection process to another Wi-Fi Direct compatible device.
7. Once the device you want to connect to is displayed, tap it.  
An Invitation to connect displays on the device to which you want to connect.
8. On that target device, tap **Accept**.  
You have 2 minutes to tap **Accept** on the device to which you want to connect for the connection to be made.
9. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the  icon will display at the bottom of your screen.

For more information, refer to “*Wi-Fi Direct*” on page 152.

## VPN

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

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**Important!** Before you can use a VPN you must establish and configure one.

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### Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP, L2TP/IPSec PSK, L2TP/IPSec RSA, IPSec Xauth PSK, IPSec Xauth RSA, IPSec Hybrid RSA.



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**Note:** You must also set a screen unlock PIN or password before you can use credential storage via VPN. For more information, refer to “*Screen Lock*” on page 225.



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1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **VPN**.
2. Tap **Add VPN network**.
3. In the form that appears, fill in the information provided by your network administrator.
4. Tap **Save** to save your VPN settings.



## Connecting To a VPN

1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **VPN**.
2. Tap the VPN to which you want to connect.
3. In the pop-up that opens, enter any requested credentials.
4. Tap **Connect**.

## Edit a VPN

1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **VPN**.
2. Touch and hold the VPN that you want to edit.
3. In the pop-up that opens, touch **Edit network**.
4. Make the desired VPN setting changes.
5. Touch **Save**.

## Delete a VPN

1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **VPN**.
2. Touch and hold the VPN that you want to delete.
3. In the pop-up that opens, touch **Delete network**.

## Kies via Wi-Fi

This feature provides Wi-Fi configuration and usage by Kies Air.

1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Kies via Wi-Fi**.
2. Select the source of the Wi-Fi connection for Kies air.

## Nearby Devices



This option allows you to share your media files with nearby DLNA (Digital Living Network Alliance) enabled devices.


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**Warning!** If file sharing is enabled, other devices can access your data. Use the Wi-Fi network and this option with care.

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### To configure this option:

1. From a Home screen, tap  **Apps** →  **Settings** → **More settings** → **Nearby devices**.
2. Tap **File sharing** to turn File sharing on.

A check mark  appears in the check box when File sharing is On.

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3. In the Advanced section, set the following options:
- **Shared contents:** Select the content to share. Choices are: Videos, Photos, and Music.
  - **Device name:** Enter the name for your device. The default is the model number: SAMSUNG-SGH-XXX.
  - **Allowed devices list:** Indicate the devices accessible to your device.
  - **Not-allowed devices list:** Indicate the devices not accessible to your device.
  - **Download to:** Set whether to download data to USB storage or SD card.
  - **Upload from other devices:** If a nearby device attempts to upload data, this setting indicates the response. Options are: Always accept, Always ask, and Always reject.

## Sound Settings






### General Volume

Set the volume level for all types of sounds.

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**Note:** You can only set volume when Silent Mode is disabled.

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1. From a Home screen, tap  **Apps** →  **Settings** → **Sound** → **Volume**.
  2. Touch and drag the sliders to set the volume for:
    -  **Music, video, games, and other media:** Sounds made by music apps, video apps, and more.
    -  **Notifications:** Sounds for alerts to new messages and other events.
    -  **System:** Application sounds and other sounds made by your device.
- 

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



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3. Tap **OK** to save your settings.

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## Setting a Default Notification

Select a default ringtone for message, alarm, and other notifications.

1. From a Home screen, tap  **Apps** →  **Settings** → **Sound** → **Default notifications**.
2. Tap a ringtone to hear a sample and select it.
3. Tap **OK** to save the setting.

## Audible System Tone Settings

These options are used when you use the dialing pad, make a screen selection, lock your screen, or tap the screen. Each time you press a key or make a selection the selected tone sounds. You can activate or deactivate both touch and screen lock sounds.

1. From a Home screen, tap  **Apps** →  **Settings** → **Sound**.
2. Tap **Touch sounds** to activate a tone when you touch the screen. A check mark displayed next to this feature indicates active status. When enabled, a check mark  appears in the check box.

3. Tap **Screen lock sound** to activate a tone when you use the Lock screen. A check mark displayed next to this feature indicates active status. When enabled, a check mark  appears in the check box.



## Display Settings

In this menu, you can change various settings for the display such as the font, orientation, pop-up notifications, puzzle lock feature, animation, brightness, screen timeout, and power saving mode.

### Adjusting the General Display Features



#### Brightness

Set the default screen brightness.

1. From a Home screen, tap  **Apps** →  **Settings** → **Display** → **Brightness**.
2. Touch and drag the slider to set the brightness or tap **Automatic brightness**.
3. Tap **OK** to save the setting.



#### Screen Timeout

Set the length of delay between the last key press or screen tap and the automatic screen timeout (dim and lock).

1. From a Home screen, tap  **Apps** →  **Settings** → **Display**.
2. Tap **Screen timeout** and select the screen delay time. The screen delays shutting off after inactivity for the selected period of time.
  - Selections are: 15 seconds, 30 seconds, 1 minute, 2 minutes, 5 minutes, 10 minutes, or 30 minutes.

#### Auto-Rotate Screen

When this option is checked, the screen orientation changes when you rotate the device. When this option is not checked, the screen orientation locks in the current orientation (landscape or portrait) and the orientation does not change when you rotate the device.

1. From a Home screen, tap  **Apps** →  **Settings** → **Display**.
2. Tap **Auto-rotate screen** to enable or disable the auto-rotate feature.

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**Tip:** Tap the Time in the System Bar to display the Quick Settings pop-up. Tap **Screen rotation** to enable or disable the auto-rotate feature. For more information, refer to “*Quick Settings*” on page 33.

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## Font Style and Size

Set the font for screen displays and the size you want it to display.

1. From a Home screen, tap  **Apps** →  **Settings** → **Display**.
2. Tap **Font style** then select a font.
  - Selections are: **Default font**, **Choco cooky**, **Helvetica S**, **Rosemary**, or **Get fonts online**.  
Tap **Get fonts online** to download additional fonts.
3. Tap **Font size** and select a font size.

## Quick Launch

The Quick Launch feature allows you to set multifunctional softkey to open applications.

1. From a Home screen, tap  **Apps** →  **Settings** → **Display**.
2. Tap **Quick launch**.
3. Tap **None**, **Screen capture**, **Applications**, **Search**, or **Camera**.

If you choose Screen capture, tap the softkey to capture an image of the current screen and edit the image. Touch and hold to capture and add an image of the current screen to the clipboard.

The screen image is saved in the /Root/Pictures/Screenshots folder. For more information, refer to “*My Files*” on page 182.

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## Wallpaper

### To set the Home Screen and Lock Screen Wallpaper:

You can choose a picture to display on the Home Screen or Lock screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.





1. From a Home screen, tap  **Apps** →  **Settings** → **Wallpaper**.
2. Tap **Home screen wallpaper** or **Lock screen wallpaper**.

The Select wallpaper from screen displays the following options: **Gallery**, **Live wallpapers**, and **Wallpapers**.

For more information, refer to “*Wallpapers*” on page 42.

## Power Saving Mode

This feature allows you both automatically set the device to use a power saving mode and configure additional power saving options manually, all in an effort to conserve battery power. When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

1. From a Home screen, tap  **Apps** →  **Settings** → **Power saving**.
2. On the Power saving tab, tap the **OFF / ON** icon  to turn Power saving on or off.
3. Tap **Custom power saving** to enable or disable the mode. When enabled, a check mark  appears in the check box.
4. Tap **Screen timeout** to set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).
5. Tap **Learn about power saving** to display more information about saving power.

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## Storage

From this menu you can view the device memory or mount, unmount, or format an SD card.

### Device Memory

- From a Home screen, tap  **Apps** →  **Settings** → **Storage**.


The Device memory displays as Total space, Apps, Pictures, videos, Audio (music, ringtones, podcasts, etc.), Downloads, Miscellaneous files, and Available space.

### To view the memory allocation for your external SD card:

- From a Home screen, tap  **Apps** →  **Settings** → **Storage**.

The available SD card memory displays under the SD card heading.

### To mount the SD card:



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

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**Important!** When formatting an SD card you will want to backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

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### To Format the SD Card:

1. Ensure the SD card is mounted.
2. From a Home screen, tap  **Apps** →  **Settings** → **Storage**.
3. Tap **Format SD card** → **Format SD card** → **Delete all** to format the SD card. The SD card formats and erases all the data stored on it.


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## Battery

This option allows you to view a list of those components using battery power. The amount of time the battery was used also displays. Battery usage displays in percentages per application.

1. From a Home screen, tap  **Apps** →  **Settings** → **Battery**.

The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.

2. From the upper-right tap  **Refresh** to update the list.  
– or –  
Tap an entry to view more detailed information.
3. Tap **Screen**, **Android OS**, or **Android System** to view how the display and the Android system are affecting battery use.

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

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## Application Manager

You can download and install applications from Google Play or create applications using the Android SDK and install them on your device. Use Applications settings to manage applications.



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**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** → **Application manager**.
2. Tap the **Downloaded** or **Running** tabs to display memory usage for that category of applications.




The graph at the bottom of the Downloaded tab shows used and free device memory. The graph at the bottom of the Running tab shows used and free RAM.

– or –

Tap **All** to see all current applications.

## Downloaded Apps

Displays apps you have downloaded onto your device.

1. From a Home screen, tap  **Apps** →  **Settings** → **Application manager**.
2. Tap **Downloaded** to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the Downloaded tabs, tap  **Menu** → **Sort by size**.
4. 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**: Stops an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
  - **Uninstall**: Deletes the application from the tablet.
  - **Clear data**: Clears application data from memory.
  - **Clear cache**: If the app stores data in a temporary area of the device's memory, and the amount of information stored is displayed, touch this button to clearing the temporary storage.



- **Clear defaults:** If you have configured an app to launch certain file types by default, clear that setting.
- **Permissions:** Lists the kinds of information about your device and data to which the app has access.

## Uninstalling Third-party Applications

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**Important!** You must have downloaded applications installed to use this feature.

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1. From a Home screen, tap  **Apps** →  **Settings** → **Application manager**.
2. Tap the **Downloaded** tab and select your desired application.
3. Tap **Uninstall** (from within the top area of the Application info page).
4. At the prompt, tap **OK** to uninstall the application.
5. Select a reason for uninstalling the application, then tap **OK**.

## Running Services

**To view and control services running on your device:**

1. From a Home screen, tap  **Apps** →  **Settings** → **Application manager**.
2. Tap the **Running** tab.  
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.
4. Tap **Show services in use** to switch back.
5. Select one of the applications to view application information.

The following options display:

- **Stop:** Stops the application from running on the device. This is usually done prior to uninstalling the application.

---

**Warning!** 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.




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**Note:** Options vary by application.

---

## Storage Used




This option allows you to view a list (on the current tab) of current applications as sorted by size.

1. From a Home screen, tap  **Apps** →  **Settings** → **Application manager**.
2. Tap the **All** tab to display all available applications.
3. Tap  **Menu** → **Sort by size** to change the current list to show items based on the amount of storage they occupy.




## Accounts and Synchronization

Set up and manage accounts, including your Google and email accounts.




### To activate Accounts and sync

1. From a Home screen, tap  **Apps** →  **Settings** → **Accounts and sync**.
2. Tap the **Auto sync** icon  to turn the feature on.

### To deactivate Accounts and sync

1. From a Home screen, tap  **Apps** →  **Settings** → **Accounts and sync**.
2. Tap the **Auto sync** icon  again to turn the feature off.

### Adding an Account

1. From a Home screen, tap  **Apps** →  **Settings** → **Accounts and sync**.
2. Tap  **Add account**.
3. Select one of the account types.
4. Use the keyboard and follow the prompts to enter your credentials and set up the account.

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**Tip:** For more information about the types of accounts that you can add, see “*Accounts*” on page 65.




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## Removing an Account

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**Important!** Removing an account also deletes all of its messages, contacts, and other data from the device.

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1. From a Home screen, tap  **Apps** →  **Settings** → **Accounts and sync**.
2. Tap an account to display its settings.
3. Tap  **Remove account** → **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.



## Synchronizing All Accounts

Select the items you want to synchronize on your account such as Books, Calendar, Contacts, and more.

1. From a Home screen, tap  **Apps** →  **Settings** → **Accounts and sync**.
2. Tap **Sync all** to synchronize all your accounts. Tap **Cancel sync** to stop the synchronization.
3. On the **Auto-sync** field, tap the **OFF / ON** icon  to turn Auto-sync on or off, which controls whether changes you make to information on your device or on the web are automatically synced with each other.

## Data and Synchronization

To sync account information manually:

1. From a Home screen, tap  **Apps** →  **Settings** → **Accounts and sync**.
2. Tap an account to display its settings.
3. Tap **Sync now** to synchronize all data for the selected account.  
– or –



Under **Data and synchronization**, tap the account data to synchronize it, such as, Calendar, Contacts, etc...

## Location Services



You value your privacy. So, by default, your device only acquires your location when you allow it. To use Location-Based Services, you must first enable location services on your device.

### Use Wireless Networks



Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

1. From a Home screen, tap  **Apps** →  **Settings** → **Location services**.
2. Tap **Use wireless networks** to enable location information using the wireless network.

### Use GPS Satellites

1. From a Home screen, tap  **Apps** →  **Settings** → **Location services**.
2. Tap **Use GPS satellites** to enable the GPS satellite.

## Location and Google Search

1. From a Home screen, tap  **Apps** →  **Settings** → **Location services**.
2. Touch **Location and Google search** to use your location data for improved Google Search results and other Google services.

## Security

This menu contains features that allows you to configure the device's security parameters.

### Screen Unlock Pattern Overview

To secure data and limit access, set the device to require a screen unlock pattern each time you turn on the device, or every time the device wakes up from sleep mode (when the screen automatically turns off).

The Screen lock menu allows to choose from a variety of locking features such as: **Swipe**, **Face Unlock**, **Pattern**, **PIN**, **Password**, and **None**.

## Screen Lock

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see “*Securing Your Device*” on page 20.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Screen lock** for these settings:
  - **None**: No pattern, PIN, or password is required.
  - **Swipe**: Swipe the screen to unlock it.
  - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
  - **PIN**: Select a PIN to use for unlocking the screen.
  - **Password**: Create a password for unlocking the screen.

---

**Note:** Additional options are available only if you set **Screen lock** to display the lock screen (any setting other than **Swipe** or **None**).

---



## Using Swipe

This feature is the least secure locking method and only requires that a user swipe the screen to unlock the device.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Screen lock** → **Swipe**.

## Using Face Unlock

This feature used facial recognition to unlock your device. This feature is less secure than PIN, Pattern, and Password locks and can be bypassed by someone else who looks similar to you.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Screen lock** → **Face unlock**.
3. Read the on-screen notification and tap **Set it up**.
4. Follow the on-screen instructions.

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## Setting an Unlock Pattern



Creating a screen unlock pattern increases security on the device. When you enable the User visible pattern field, you will draw an unlock pattern on the screen whenever you want to unlock the device's touch screen.

The feature is now paired with a backup PIN code that acts as a backup to the pattern lock. If you forget your pattern, you can regain access to the device by entering a PIN code.

---

**Note:** Make sure the Require Pattern field is activated.



---

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Screen lock** → **Pattern**.
3. Review the on-screen animation procedure for drawing a pattern and tap **Next** when you are ready to draw a pattern.
4. Draw your pattern by touching your first on-screen point. Then, **without removing your finger from the screen, drag your finger over adjacent points until the gray trace line overlaps each point** and they are highlighted with a green circle.



5. When you have connected at least four dots in a vertical, horizontal or diagonal direction, lift your finger from the screen and tap **Continue**.
6. Confirm the new pattern by redrawing it and then tapping **Confirm**. The Unlock pattern is set.
7. Enter the backup PIN code and tap **Continue**. Reenter the PIN to reconfirm the previous entry and tap **OK**.

## Changing the Screen Lock Pattern



This feature allows you to change the previously stored unlock pattern and update it if necessary. This process is similar to changing your password from time to time.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Screen lock**.
3. Retrace your current pattern on the screen.
4. Tap **Pattern** and repeat steps 3 - 7 from the previous section.



## Deleting the Screen Lock Pattern

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Screen lock**.
3. Retrace your current pattern on the screen.  
Tap **None**.

## PIN Lock and Unlock




1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Screen lock** → **PIN**.
3. Enter a PIN number using the numeric keypad and touch **Continue** to confirm the password.
4. Confirm the PIN by re-entering it and tap **OK** to confirm.  
Your device now requires you to enter this PIN number in order to unlock the device.

## Password Lock and Unlock

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Screen lock** → **Password**.
3. Enter a password using the keypad and tap **Continue** to confirm the password.  
Confirm the password by re-entering it and tap **OK** to confirm.

## With Swipe Lock

Display a lock screen that has to be swiped and then display a lock screen on which the face unlock, pattern, PIN, or password has to be entered.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap the **With swipe lock** check box to activate or deactivate the option. When enabled, a check mark  appears in the check box.

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## Lock Screen Options

You can customize the Lock screen with the lock screen options.

---

**Note:** This feature is not active until **With swipe lock** is activated.

---

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Lock screen options** and set the following options:
  - **Clock:** Activate or deactivate the Lock screen clock. When enabled, a check mark  appears in the check box.
  - **Dual clock:** Tap the **OFF / ON** icon  to turn this option on or off. This option shows a dual clock on the lock screen when roaming.
  - **Help text:** Display help text on the lock screen.

---

**Note:** After a screen lock feature has been enabled, additional on-screen features appear such as: Make pattern visible, Lock automatically, etc..

---

## Make Pattern Visible

When the **Make pattern visible** option is enabled, the device displays the on-screen lock grid that is used for unlocking.

---

**Note:** This option only appears when a screen lock option is active.

---

## Locking Automatically

This option allows you to define the amount of time that must pass before the device can automatically lock on its own.

---

**Note:** This option only appears when a screen lock option is active.

---

## Lock Instantly With Power Key

Use this option to enable the lock screen when the power key is pressed. If this option is not enabled, the screen dims or brightens when the power key is pressed.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Lock instantly with power key**.

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**Note:** When enabled, a green check mark appears in the adjacent box.

---



## Owner Information

Use this option to enable or disable whether to show owner information on the lock screen.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security** → **Owner information**.
2. Tap the **Show owner info on lock screen** checkbox to create a checkmark if you want your owner information displayed.
3. Enter text that you would like displayed on your Lock screen.
4. Tap  **Back** twice to save the new text and return to the previous screen.

## Encrypt device

To require a numeric PIN or password to decrypt your tablet each time you power it on:

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Encrypt device**. For more information, read the displayed help screen.



---

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

---

## Encrypt SD card

To require a numeric PIN or password to decrypt the data on the SD card:



1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Encrypt external SD card**.
3. Follow the on-screen instructions.

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## Setting up SIM Card Lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Set up SIM card lock**.
3. Tap **Lock SIM card**, enter your SIM PIN code, then tap **OK**.

---

**Note:** You must activate Lock SIM card before you can change your SIM PIN code.



---

### To change an existing SIM Card PIN:

1. Tap **Change SIM PIN**.
2. Enter the old SIM PIN code and tap **OK**.
3. Enter the new SIM PIN code and tap **OK**.
4. Re-type the new SIM PIN code and tap **OK**.



## Password Settings

When you create a device password you can also configure the device to display the password as you type it instead of using an asterisk (\*).

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Make passwords visible** to activate this feature.  
When enabled, a check mark  appears in the check box.

## Device Administration

### To add or remove device administrators:




1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Device administrators** to begin configuring this setting.
3. Select an administrator device and follow the prompts.

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## Unknown Sources

Before you can download a web application you must enable the Unknown sources feature (enables downloading). Developers can use this option to install non-Play Store applications.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Unknown sources** to active this feature.  
An informational pop-up displays.
3. Read the message and tap **OK** to allow installation of non-Google Play applications.  
When enabled, a check mark  appears in the check box.

---

**Warning!** Enabling this option causes your tablet and personal data to be more vulnerable to attack by applications from unknown sources.

---

**Note:** If you are notified that you can not download a Play Store application because it comes from an “Unknown source”, enabling this option corrects this issue.



---

## Credential Storage

This option allows certain applications to access secure certificates and other credentials. Certificates and credentials can be installed to the SD card and password protected.

### Trusted Credentials

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** → **Security**.
2. Tap **Trusted credentials** to display only trusted CA certificates. A check mark displayed next to the feature indicates secure credentials.  
The trusted credentials screen has two tabs:
  - **System:** Displays CA certificates that are permanently installed in the ROM of your device.
  - **User:** Displays any CA certificates that you installed, for example, in the process of installing a client certificate.
3. Tap a CA certificate to examine its details.  
A scrolling screen displays the details.

4. Scroll to the bottom of the details screen and touch **Disable** to disable a System certificate or **Remove** to remove a User certificate.

---

**Caution!** When you disable a system CA certificate, the **Disable** button changes to **Enable**, so you can enable the certificate again, if necessary. When you remove a user-installed CA certificate, it is permanently deleted and must be re-installed, if needed.

---

5. Tap **OK** to return to the certificate list.

When enabled, a check mark  appears in the check box.

### Install from Device Storage

Install encrypted certificates from a storage device, such as a PC, with the USB cable.

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Install from device storage**, then choose a certificate and follow the prompts to install.



### Clear Credentials

Clear stored credentials.

---

**Note:** This setting only appears if you have installed encrypted certificates.

---

1. From a Home screen, tap  **Apps** →  **Settings** → **Security**.
2. Tap **Clear credentials** to remove all certificates.



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## Language and Input



This setting allows you to configure the language in which to display the menus. You can also set on-screen keyboard options.

### Language Settings





To set the language that the menus display on the device:

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

### Select Input Method

1. From a Home screen, tap  **Apps** →  **Settings** → **Language and input** → **Default**.
2. Select an input method.  
– or –  
Tap **Configure input methods** to alter/modify the available input methods.

## Configure Google Voice Typing

1. From a Home screen, tap  **Apps** →  **Settings** → **Language and input**.
2. Tap **Google voice typing** to automatically enable use of Google voice typing.
3. Tap  next to the Google voice typing entry.
4. Select a language by tapping **Select input languages** area.
5. Remove the check mark from the **Automatic** field. This allows you to select additional languages.
6. Select the desired languages.
7. Activate **Block offensive words** to block recognition of known offensive words or language. (A green check mark indicates the feature is active).  
When enabled, a check mark  appears in the check box.



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## Configuring the Samsung keyboard

1. Tap  (bottom-right of screen) → **Set up input methods** in the Status bar and tap  adjacent to **Samsung keyboard**.

2. Set any of the following options:



- **Input language:** Used to set a default text entry language. Tap this field, scroll through the options, and select the desired input language. When activated, a check appears in the box.
- **Predictive text:** Enable or disable XT9 predictive text. When enabled the system suggests words matching your text entries, and, optionally, completes common words automatically. When XT9 is enabled, tap the **Predictive text** field to set the following options:
  - **Word completion:** Enable or disable automatic word completion for words matching your text entries.
  - **Word completion point:** Choose the number of letters for the system to use to predict words for automatic completion.
  - **Spell correction:** Enable or disable automatic spell checking and correction.
  - **Next word prediction:** When enabled, the system predicts the next word based on common usage patterns.

- **Auto-append:** When enabled, the most common predicted word is automatically added to your text.
- **Auto-substitution:** When enabled, the system automatically replaces words you enter with words from the XT9 auto-substitution list.
- **Regional correction:** When enabled, the system automatically changes the spelling of words based on norms for your locale.
- **Recapture:** When enabled, the system re-displays matching words when you make corrections to a word inserted by the system.
- **Auto substitution list:** Manage the list of words the system uses for auto-substitution (Auto-substitution setting must be enabled).
- **My word list:** Add words to your XT9 predictive text dictionary.
- **Continuous input:** Allows you to enter text by sliding your finger across the keyboard.
- **Handwriting:** Activate the feature then tap to display the following options:
  - **Recognition time:** Set the recognition time to 100, 300, 500, 1000, or 2000 milliseconds.
  - **Pen thickness:** Set the pen thickness to 1, 3, 5, 7, or 9 pixels.

- **Pen color:** Choose a pen color.
- **Recognition type:** Set the recognition after each stroke or after completion.
- **Gesture guide:** Displays examples of the various gestures that can be used to edit handwriting.
- **Tutorial:** Help for using Handwriting recognition.
- **About:** Displays information about the handwriting software.
- **Voice input:** Enable or disable the Voice input feature. When enabled, you can choose to enter text by speaking the words, using Google's networked speech recognition feature.
- **Auto capitalization:** Enable or disable auto-capitalization. When enabled, the system automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
- **Auto-punctuate:** Enable or disable automatic insertion of a "full stop" (period and space to end a sentence) by touching the space bar twice.
- **Character preview:** Check to display an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.

- **Key-tap sound:** Check to play a brief sound each time you touch a key on the on-screen keyboard.
- **Tutorial:** Displays help for using the Samsung keyboard and XT9 predictive text.
- **Reset settings:** Reset keyboard settings except XT9 my words and auto-substitution.

## Configuring the Swype Keypad

1. Tap  (bottom-right of screen) → **Set up input methods** in the Status bar and tap  adjacent to **Swype**.
  - For more information, refer to "*Language and Input*" on page 233.
2. Tap **How to Swype** to view an on-screen manual for Swype. Displays Swype help information. Tap a topic to view the information.
3. Tap **Preferences** to alter these settings:
  - **Sound on keypresses:** turns on sounds generated by the Swype application.
  - **Show helpful tips:** turns on a flashing indicator for quick help.
  - **Auto-spacing:** When enabled, inserts spaces automatically when you pause entering text.

- **Auto-capitalization:** When enabled, automatically capitalizes the first letter of the first word in a sentence.
- **Show complete trace:** When enabled, briefly display the Swype trace.
- **Next word prediction:** When enabled, suggests the next word based on your currently entered text.

---

**Note:** If incorrect words are being entered as you type, disabled this feature.


---

- **Remove:** Delete all words you have added to the Swype dictionary.
  - **Version:** View the current Swype software version.
4. Tap **Language Options** to activate and select the current text input language. Default language is US English.
    - Allows you to select the languages available from the Swype keyboard.
    - You are now also able to download additional language sets.
  5. Tap **Swype Connect** to activate social media personalization and configure data settings.

- **Facebook:** allows you to log into your current Facebook account from where contact names are added to your Swype's personal dictionary for later use when you enter names into text fields. Helps recognize familiar names.
  - **Twitter:** allows you to sign into your existing Twitter account from where names and words are added to your personal dictionary. Helps recognize familiar names and words.
  - **Gmail:** allows you to sign in to your existing Gmail account from where existing contact information is added to your personal dictionary. Helps recognize familiar names.
  - **Contribute data usage:** when enabled, allows the Nuance<sup>®</sup> application to collect usage data for better word predictions.
  - **Cellular data:** when enabled, activates cellular data usage by the Swype application so it can receive program updates, language downloads, and other related features via your existing data connection.
6. Tap **Personal dictionary** to access and manage your personal dictionary.
  7. Tap **Updates** to update the application if new software is available.



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## Configure Google Voice Typing

1. Tap  (bottom-right of screen) → **Set up input methods** in the Status bar and tap  adjacent to **Google voice typing**.
2. Select a language by tapping **Select input languages** area.
3. Remove the check mark from the **Automatic** field. This allows you to select additional languages.
4. Select the desired languages.
5. Activate **Block offensive words** to block recognition of known offensive words or language. (A green check mark indicates the feature is active).

## Configuring Voice Input Recognition

This feature allows the device to correctly recognize verbal input.




1. From a Home screen, tap  **Apps** →  **Settings** → **Language and input** → **Voice search**.
2. Configure the available options to alter the settings associated with this feature:
  - **Language:** selects an input language and associated dialect recognition (if available).
  - **SafeSearch:** sets the explicit image filter settings. These settings apply to only Google voice search results. Choose from: **Off**, **Moderate**, or **Strict**.
  - **Block offensive words:** allows you to block recognition of known offensive words or language. (A green check mark indicates the feature is active).
  - **Personalized recognition:** improves the accuracy of the speech recognition feature.
  - **Google Account dashboard:** manages your Google collected data.

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## Configuring Text-to-speech



This feature allows the device to provide a verbal readout of on-screen data such as messages and incoming caller information. This action is called TTS (Text To Speech).

1. From a Home screen, tap  **Apps** →  **Settings** → **Language and input** → **Text-to-speech output**.
2. Select a current Preferred TTS engine from the list of available options. The default is Google Text-to-speech.
3. Tap  next to the preferred TTS engine and configure.
4. Configure the General options to alter the settings associated with this feature:
  - **Speech rate:** adjusts the rate at which on-screen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
  - **Listen to an example:** plays a short example of what the text-to-speech feature sounds like on your device when activated.

- **Driving mode:** when enabled, incoming calls and new notifications are automatically ready out loud.
  - Once active, tap the Driving mode field to reveal the associated settings.
- **Driving mode settings:** Tap the Driving mode field and select which applications can use TTS while the Driving Mode is enabled. Choose from: New emails, Alarm, Schedule, or Unlock screen.

## Configuring the Mouse-TrackPad


This feature allows you to configure the pointer speed for the mouse/trackpad.

1. From a Home screen, tap  **Apps** →  **Settings** → **Language and input**.
2. Tap **Pointer speed** then drag the slide to the right to go faster or to the left to go slower.
3. Tap **OK** to save your setting.

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## Back up and Reset

Location settings, backup configurations, or reset the device to erase all personal data.

- From a Home screen, tap  **Apps** →  **Settings** → **Back up and reset**.

## Device Backup and Restore

The device can be configured to back up your current settings, application data and settings.

1. From a Home screen, tap  **Apps** →  **Settings** → **Back up and reset**.
2. Tap **Back up my data** to create a backup of your current device settings and applications.
3. Tap **Backup account** to assign the account being backed up.
4. Tap **Automatic restore** to assist in the re-installation of a previously installed application (including preferences and data).
5. Tap **Factory data reset** to reset your device and sound settings to the factory default settings.



## Prior to doing a Factory Reset

Before initiating a factory reset, it is recommended that you backup your personal data prior to use.

## Factory Data Reset

From this menu you can reset your device and sound settings to the factory default settings.

Use Factory data reset to return your device to its factory defaults. This setting erases all data from the device, including Google or other email account settings, system and application data and settings, and downloaded applications, as well as your music, photos, videos, and other files. If you reset the tablet in this way, the next time you turn on your tablet you are prompted to reenter the same kind of information as when you first started Android.

1. From a Home screen, tap  **Apps** →  **Settings** → **Back up and reset** → **Factory data reset**.
2. Tap **Reset device**.
3. If necessary, enter your password and tap **Delete all**. The device resets to the factory default settings automatically and when finished displays the Home screen.

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**Note:** If you have set up your Samsung account, it has to be deleted before performing this function. For more information, refer to “*Removing an Account*” on page 223.

---

## Collect Diagnostics

This feature only collects diagnostic data for troubleshooting use.

1. From a Home screen, tap  **Apps** →  **Settings** → **Back up and reset** → **Collect diagnostics**.
2. Read the on-screen System Manager Application information.

---

**Note:** This software collects only diagnostic data from your device so that T-Mobile technicians can better troubleshoot issues with your device.

---

3. Choose to enable or disable the feature by placing a check mark in the **Allow Diagnostics** field.
4. Select either **More Info..** (to read additional information) or **Close** to close the message screen.

---


**Important!** Selecting **Close** only closes the current description screen and does not disable data collection. To disable data collection, go to **Settings** → **Back up and reset** → **Collect diagnostics** and turn off the **Allow Diagnostics** feature.

---

## Accessory

This menu allows you to assign external speakers when the device is docked.



1. From a Home screen, tap  **Apps** →  **Settings** → **Dock**.

Tap **Dock sound** to play sounds when inserting or removing the device from the dock. When enabled, a check mark  appears in the check box.

2. Tap **Audio output mode** to set the HDMI (High-Definition Multimedia Interface) audio setting. Choose from: Stereo or Surround.

## Date and Time

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 & time settings.

1. From a Home screen, tap  **Apps** →  **Settings** → **Date and time**.
2. Tap **Automatic date and time** to allow the network set the date and time.

---

**Important!** Deactivate **Automatic date and time** to manually set the rest of the options.

---

3. Tap **Automatic time zone** to allow the network set the time zone information automatically. Configure the following settings:
  - **Set date:** Enter the current date (only available when the Automatic setting is disabled).
  - **Set time:** Enter the current time (only available when the Automatic setting is disabled).
  - **Select time zone:** Choose your local time zone (only available when the Automatic setting is disabled).

- **Use 24-hour format:** Set the format for time displays.
- **Select date format:** Set the format for date displays.

## Accessibility



Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

---

**Note:** You can download accessibility applications from Google Play and manage their use here.

---

## System

1. From a Home screen, tap  **Apps** →  **Settings** → **Accessibility**.
2. Configure the following settings:
  - **Auto-rotate screen:** Automatically rotates the screen from landscape to portrait orientation and vice versa.
  - **Speak passwords:** Speaks passwords to enter them.
  - **Accessibility shortcut:** Add a shortcut to Accessibility settings that displays when you press and hold the Power key.
  - **Screen timeout:** Select the screen delay time The screen delays shutting off after inactivity for the selected period of time.



- **Lock automatically:** Lock the screen after it automatically turns off. Options are: Immediately; 5, 15, or 30 seconds; or 1, 2, 5, 10, or 30 minutes.

---

**Note:** The Lock automatically option only appears depending on the Screen lock setting.

---

## Services

Enable or disable accessibility services.

---

**Note:** You must activate **Accessibility** before enabling services.

---

1. From a Home screen, tap  **Apps** →  **Settings** → **Accessibility**.
2. Tap **TalkBack** to activate TalkBack.

---

**Note:** TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

---

3. Tap the **OFF / ON** icon  to turn TalkBack on.
4. Tap **Settings** to configure TalkBack.

---

**Important!** 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.



---

## Vision

To install Web scripts:

1. From a Home screen, tap  **Apps** →  **Settings** → **Accessibility**.
2. Touch **Install Web scripts**.
3. Touch **Allow** to allow applications to install scripts from Google that make their Web content more accessible.



To set the font size:

1. From a Home screen, tap  **Apps** →  **Settings** → **Accessibility**.
2. Touch **Font size**.
3. Touch a font size. Options are: Tiny, Small, Normal, Large, and Huge.

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## Hearing

When Mono audio is enabled, you can listen through one earphone to mono audio sound.

1. From a Home screen, tap  **Apps** →  **Settings** → **Accessibility**.
2. Touch **Mono audio**.

When enabled, a check mark  appears in the check box.



### To turn off all sounds including receiver voice:

1. From a Home screen, tap  **Apps** →  **Settings** → **Accessibility**.
2. Touch **Turn off all sounds**.

When enabled, a check mark  appears in the check box.

## Mobility

This option allows you to set the Press and hold delay time.

1. From a Home screen, tap  **Apps** →  **Settings** → **Accessibility**.
2. Tap **Press and hold delay**, and then touch a delay time.

Options are: Short, Medium, and Long.

## Developer Options

Set options for application development.




### USB Debugging

When enabled, allows debugging when the device is attached to a PC by a USB cable.

---

**Note:** This setting is used for development purposes.

---

1. From a Home screen, tap  **Apps** →  **Settings** → **Developer options**.
2. Tap **USB debugging** to enable or disable the setting.  
When enabled, a check mark  appears in the check box.

### Development Device ID

The identification number for your tablet when using it as a development tool displays in this field.




## Allowing Mock Locations

This setting is used by developers when developing location-based applications. If you are a developer who is testing a GPS applications using this device, you can tell the device that the device is at different GPS locations. In other words, the device is allowed to “mock” the coordinates.

---

**Note:** This setting is used for development purposes.

---

1. From a Home screen, tap  **Apps** →  **Settings** → **Developer options**.
2. Tap **Allow mock locations** to enable or disable the setting.  
When enabled, a check mark  appears in the check box.

## Desktop Backup Password



Protect the desktop with a backup password ID.

1. From a Home screen, tap  **Apps** →  **Settings** → **Developer options**.
2. Tap **Desktop backup password**.

3. In the Settings screen, enter the current full backup password, the new password for full backups, then enter the new password again.
4. Tap **Set backup password** to save the password change.



## User Interface Options

Configure the user interface by setting the behavior for the way the screen behaves when using applications or displaying data.

1. From a Home screen, tap  **Apps** →  **Settings** → **Developer options**.
2. Tap the check box next to each option to enable:
  - **Strict mode:** Makes the screen flash when applications perform long operations on the main thread.
  - **Show pointer location:** Highlights the data that was touched on the screen.
  - **Show touches:** Displays touch interactions on the screen.
  - **Show screen updates:** Areas of the screen flash when they update.
  - **Show CPU usage:** Screen highlights the current CPU usage.
  - **Force GPU rendering:** Uses a 2D acceleration in applications.



- **Window animation scale:** Configure the scale for animation (ranges from off to 10x).
- **Transition animation scale:** Configure the scale for transitioning when using animation (ranges from off to 10x).

## Application Options

1. From a Home screen, tap  **Apps** →  **Settings** → **Developer options**.
2. Tap **Do not keep activities** to destroy every activity as soon as the application is closed.
3. Tap **Limit background processes** to set the number of processes that can run in the background. Options are: Standard limit, No background processes, and 1 to 4 processes at most.
4. Tap **Show all ANRs** to display a prompt when applications running in the background are not responding.

## About Device

View information about your device, including status, legal information, hardware and software versions, and battery use.

1. From a Home screen, tap  **Apps** →  **Settings** → **About device**.
2. Tap items to view details:
  - **Software update:** Connect to the network and download new software. For more information, refer to “*Software Update*” on page 246.
  - **Status:** displays the Battery status, the Battery level (percentage), the Network connection, Signal strength, Mobile network type, Service state, Roaming status, Mobile network state, MDN, ERI, IMEI number, IMEI SV, IP address, Wi-Fi MAC address, Bluetooth address, Serial number, Up time, and Device status.
  - **Legal information:** Display **Open source licenses**, **Google legal**, and **License settings** information.

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**Tip:** To find your device's DivX<sup>®</sup> registration code and information about registering your device to play DivX protected video, touch **License settings** → **DivX<sup>®</sup> VOD**.

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- **Model number:** displays the device's model number.
- **Android version:** displays the firmware version loaded on this device.
- **Baseband version:** displays the baseband version loaded on this device.
- **Kernel version:** displays the kernel version loaded on this device.
- **Build number:** displays the software, build number.

## Software Update

The Software Update feature enables you to use your device to connect to the network and download any new software directly to your device. The device automatically updates with the latest available software.

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**Note:** Before you can check for system updates, you must set up a Gmail account. For more information, refer to *"Setting Up Your Gmail Account"* on page 84.

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### Software Update Options

Once you have set up your Gmail account, you can check for a software update.

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**Note:** The software update notification appears as  at the bottom-right of the screen.

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1. From a Home screen, tap  **Apps** →  **Settings** → **About device** → **Software update**.
2. Read the Software update information screen.
3. Select an available option:

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**Note:** You configure the device's software update parameters.

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- **Cancel:** Tap this option to cancel the operation.
- **Wi-Fi settings:** Enable this option to only download available updates via an active Wi-Fi connection. If disabled, the device will begin available downloads via its' T-Mobile connection.
- **OK:** Tap this option to connect to the remote server, detect if there is an available update, the begin the download over your existing data connection.
  - Software updates can include bug fixes, enhancements to services, to the device or currently installed software.

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