Samsung
GALAXY Note™
10.1

A N D R O I D   T A B L E T
User Manual

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

SAMSUNG

Intellectual Property

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

Open Source Software

Some software components of this product, including but not limited to 'PowerTOP' and 'e2fsprogs', incorporate source code covered under GNU General Public License (GPL), GNU Lesser General Public License (LGPL), OpenSSL License, BSD License and other open source licenses. To obtain the source code covered under the open source licenses, please visit:

http://opensource.samsung.com.

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE PERFORMANCE OF THE PRODUCT; THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING

addition, information technology security protection will be affected by features or functionality associated with, among other things the e-mail platform, master data management, and virtual private network solutions selected by the software provider, solution provider or user. Choice of an e-mail, master data management, and virtual private network solution is at the sole discretion of the software provider, solution provider or user and any associated effect on information technology security protection is solely the responsibility of the software provider, solution provider or user. For complete statement of limited warranty, please refer to www.samsung.com/us/safe, available on the web and where Samsung smartphone and Galaxy Tab™ devices are sold. [101212]

Samsung Telecommunications America (STA), LLC

Headquarters:
1301 E. Lookout Drive
Richardson, TX 75082

Customer Care Center:
1000 Klein Rd.
Plano, TX 75074
Toll Free Tel: 1.888.987.HELP (4357)

Internet Address:
http://www.samsung.com

Do you have questions about your Samsung Mobile Device?

For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at:

www.samsung.com/us/support

Nuance®, VSuite™, T9® Text Input, XT9® Smart Input, and the Nuance logo are trademarks or registered trademarks of Nuance Communications, Inc., or its affiliates in the United States and/or other countries.

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

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

Google, the Google logo, Android, the Android logo, Google Play, Gmail, Google Calendar, Google Latitude, Google Maps, Google Play Books, Google Play Music, Google Talk, Picasa, and YouTube and other marks are trademarks of Google Inc.

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

SRS◉ is a trademark of SRS Labs, Inc. WOW HD technology is incorporated under license from SRS Labs, Inc.

Peel and the Peel logo are marks owned by Peel Technologies, Inc. and may be registered.

DIVX, DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

DivX Certified® to play DivX® video up to HD 720p, including premium content.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu (**Apps** > **Settings**

> **About device** > **Legal information** > **License settings** > **DivX® VOD** > **Register**). Go to vod.divx.com for more information on how to complete your registration.

Table of Contents

2

Section 1: Getting Started

This section helps you to quickly start using your device.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 239.

Also included is important safety information, beginning on page 207, that you should know before using your device.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to *"Securing Your Device"* on page 17.

Note: Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device's settings.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

4

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, touch 🔲 **Apps** ➔ ⚙ **Settings** ➔ **Display** ➔ **Screen timeout**.

Battery

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

Warning! Use only approved charging devices. Approved accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Battery Indicator

The Battery icon 🔋 in the Status Bar shows the battery power level. When battery power is 15% or less, your device prompts you to charge the battery. If you continue to operate the device without charging, the device powers off. For battery use information, see *"Battery"* on page 186.

Tip: Touch the Time field to display battery charge status.
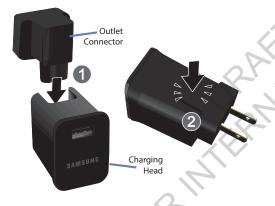
Charging the Battery

Your device comes with a Wall/USB Charger (Outlet Connector, Charging Head, and USB cable) to charge your device from any standard AC power outlet.
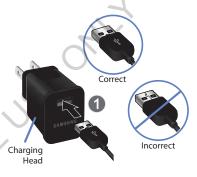
Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time.

After the first charge, you can use the device while charging.

1. Assemble the Wall/USB Charger by removing the protective plastic sheets from the Outlet Connector and the Charging Head and inserting the Outlet Connector (1) into the receptacle on the Charging Head (2) as shown.

Outlet Connector

Charging Head
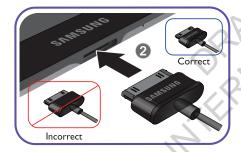
2. Insert the USB cable into the Charging Head (1).

Correct

Charging Head

Incorrect

3. Insert the USB cable into the device's Charger/Accessory Port (2).

Warning! While the device is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the device.

Correct

Incorrect

4. Plug the Charging Head into a standard AC power outlet.

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

Note: You cannot charge the battery using the USB cable and your PC.

Note: If the battery is completely discharged, you cannot turn on the device, even with the USB power adapter connected. Allow a depleted battery to charge for a few minutes before you try to turn on the device.

Installing the SIM Card

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

Important! The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

■ Carefully slide the SIM card into the SIM card socket (1) until the card locks into place (2). The illustration shows the screen facing up.

Caution! Make sure that the SIM card's gold contacts face downward and that the notched corner of the card goes in first.

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

Turning Your Device On and Off

Turning Your Device On

■ Press and hold the **Power/Lock Key** ⬤═══⓪.

For more information, refer to *"Unlocking the Device"* on page 17.

Note: Your device's internal antenna is located along the top back of the device. Do not block the antenna; doing so may affect signal quality and may cause the device to operate at a higher power level than is necessary. For more information, refer to *"GPS Applications"* on page 136.

Turning Your Device Off

1. Press and hold the **Power/Lock Key** ⬤═══⓪.
2. At the **Device options** prompt, touch **Power off**.
3. At the **Power off** prompt, touch **OK**.

Setting Up Your Device

When you first turn on your device, you are asked to set up a few things. To do that, the following screens appear. Some screens can be skipped (touch **Skip**) or re-displayed (touch **Back**). Some screens appear depending on the options you choose.

Welcome

1. Touch the **Select language** field, scroll through the list, and touch the language you want your device to use, such as, **English**.
2. Touch **Start**.

No SIM Card in Device

The **No SIM card in device** screen appears if you have not installed the SIM card that was provided with your tablet.

Ensure that you have an activated SIM card installed in your device prior to device set-up. For more information, refer to *"Installing the SIM Card"* on page 8.

■ Touch **Skip** to operate your tablet without the SIM card.

Wi-Fi

Make sure the Wi-Fi **OFF / ON** icon is set to ON `ON` and choose one of the following options:

- Touch **Add Wi-Fi network** to enter a Network SSID that is not listed.

- Touch **Scan** to make sure you have an accurate list of Wi-Fi networks.

- Touch one of the Wi-Fi networks in the list, enter the password, and touch **Connect**. Touch and connect to another Wi-Fi network or touch **Next** to continue.

- Touch **Skip** to perform this task later. (For more information, refer to *"Wi-Fi"* on page 169.)

Set Date and Time

1. Touch the time zone field (**GMT**) and select the correct time zone.

2. Under **Date**, set the date (month, day, year), if necessary.

3. Under **Time**, set the time (hour, minute, and AM or PM), if necessary.

4. Touch **Next**.

Samsung Account

Sign in to your Samsung account to use Samsung services.

1. Touch **variety of services** to learn more.

2. Touch **Create new account** to create a Samsung account.

    – or –

    Touch **Sign in** if you already have a Samsung account.

    – or –

    Touch **Skip** to perform this task later.

Got Google?

To use all of the Android features of your tablet, you need to create a Google™ Account the first time you use your device. With a Google Account, Google applications, including Gmail, Maps, Navigation, Google Talk, and Google Play™, will always be in sync between your tablet and computer.

The **Got Google?** screen lets you create and sign in to a new Google account or simply sign in to an existing Google account.

Note: If you skipped Wi-Fi setup, the Wi-Fi setup screen displays and you must connect through a Wi-Fi network.

1. Respond to the "**Do you have a Google Account?**" as follows:
   • If you already have a Google account, touch **Yes**. The **Sign in** screen appears.
   • Touch the **Email** field.
      – Enter your Google account Email ID and touch **Next** on the keyboard.
      – Enter your Google account password and touch **Done** on the keyboard.

• If you do not have a Google account, touch **No**. The **Make it Google** screen appears.
   – To create and sign in to a new Google account, touch **Get an account**.
   – To bypass this step and proceed, touch **Not now**.
• Once you enter your Google account information, you are prompted to agree to the Google Terms of Service and Privacy Polich. Touch **OK**.

The **Signing in** screen appears until your tablet is linked to your Google account. For more information, refer to *"Setting Up Your Gmail Account"* on page 76.

Enable Purchases

This screen displays if you signed in to your Google account.

■ Enter purchase information for your Google Play account and touch **Save**.

  – or –

  Touch **Skip**.

Backup and Restore

This screen also displays if you signed in to your Google account.

1. Read the backup and restore information.
2. Enable either or both options.
3. Touch **Next**.

   The Restoring screen displays while your information is being restored.

Use Google Location

1. Read the information on the screen and enable either or both of the Google location services.
2. Touch **Next** to continue.

This Tablet Belongs To ...

To personalize the tablet with your name:

1. Touch the First and Last fields and use the on-screen keyboard to enter you first and last name.
2. Touch **Next**.

Free Dropbox Account

Dropbox is a cloud file storage subscription service. Using a Dropbox account, you can save files and access them with multiple devices from multiple locations.

To get a free 50 GB Dropbox account for two years:

1. Touch **Disclaimer** to read a short disclaimer about this offer.
2. Touch **OK**.
3. Touch **Create a new Dropbox account**, enter the required fields, and touch **Register for Dropbox**.

   – or –

   Touch **I already have an account** to sign in to Dropbox.

   – or –

   Touch **No thanks** to skip this offer.

Google Services

This screen displays if you did not sign in to your Google account. The use of this device is subject to the privacy policy and other terms.

1. Touch **Learn more** to read the privacy policy and other terms.

2. Touch **Next**, if you agree that your device may receive and install updates from Google.

Setup Complete

Congratulations! Your device is set up and ready to use.

■ Touch **Finish**.

The main Home screen displays.

Creating a New Google Account

Your new device uses a Google account to fully use its Android features, including Gmail, Maps, Navigation, Google Talk, and Google Play™.

If you did not create a new account during the setup procedure when you first turned your tablet on, follow these steps:

1. From a Home screen, touch **Apps → Gmail**. The **Add a Google Account** screen displays.

2. Touch **New** to create a new Google account.

For more information, refer to *"Setting Up Your Gmail Account"* on page 76.

Retrieving Your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.

2. Once the web page loads, click on **Can't access your account?** and follow the on-screen instructions.

Using Google Maps

In order to use some applications related to Google Maps, you must first connect Wi-Fi. (For more information, refer to *"Wi-Fi"* on page 169.)

You must also enable location services to use Google Maps. Some features require Standalone or Google location services. (For more information, refer to *"Location services"* on page 187.)

Task Manager

Your device can run applications simultaneously and some applications run in the background.

Use Task Manager to see which applications are running on your device and to end running applications to extend battery life. You can also uninstall applications from your device and see how much memory is used by applications.

Task Manager Pop-Up

The Task manager pop-up provides information about **Active applications** and includes a **RAM manager**. It also has a link to the Task Manager application.

To access the Task manager pop-up:

1. From a Home screen, touch **Mini App Tray** ➔ **Task manager**.

   – or –

   From any screen, touch and hold **Home**.
   The Task manager pop-up displays.

2. Touch the **Active applications** tab to view applications running on your device. Touch to end an application or **End all** to stop all running applications.

3. Touch the **RAM manager** tab to display the amount of Random Access Memory (RAM) currently in use. Touch **Clear memory** to clear inactive and background processes.

4. Touch in the top right corner of the Task manager pop-up to close the application.

5. Touch in the top left corner to display the Task Manager application.

Task Manager Application

The Task Manager application provides information about applications, including **Active applications**, **Downloaded**, **RAM manager**, **Storage**, and **Help**.

To access the Task Manager:

1. Access Task Manager from the Task manager pop-up. For more information, refer to *"Task Manager Pop-Up"* on page 14.

   – or –

   Add the Application monitor widget to a Home screen and then touch **Application monitor** on the Application monitor widget. For more information, refer to *"Widgets"* on page 41.

   – or –

   Touch ![Navigation icon] **Navigation** and then touch **Task manager**.

2. Touch **Active applications** to view applications running on your device. Touch **End** to end an application or **End all** to end all running applications.

3. Touch **Downloaded** to view applications installed from Google Play. Touch **Uninstall** to remove an application from your device.

4. Touch **RAM manager** to display the amount of Random Access Memory (RAM) currently in use. Touch **Clear memory** to clear inactive and background processes.

5. Touch **Storage** to view internal (Device memory) and external (SD card) storage memory statistics.

6. Touch **Help** to view useful tips for extending battery life.

Memory Card

Your device supports removable microSD™ or microSDHC™ memory cards with maximum capacities of 32 GB (depending on the memory card manufacturer and type). Memory cards are used to store music, photos, videos, and other files.

Note: You can only store music files that you own (from a CD or purchased with the device) on a memory card.

Installing a Memory Card

1. Open the Memory Card Slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot (1), pushing gently until it clicks into place (2).
3. Replace the Memory Card Slot cover.

Removing a Memory Card

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

1. From a Home screen, touch ▦ **Apps** ➔ ⚙ **Settings** ➔ **Storage**.
2. Under **SD card**, touch **Unmount SD card**.
3. Open the Memory Card Slot cover and turn to expose the slot.

4. Gently press down on the memory card (1), so that it pops out from the slot, and carefully pull the card out (2).

5. Replace the Memory Card Slot cover.

For more information, refer to *"Memory Card"* on page 133.

Galaxy Tab Accessories

To find accessories for your Galaxy Tab:

1. Go to http://www.samsung.com/us/mobile/galaxy-tab-accessories.

   Galaxy Tab accessories display.

2. Use your model number to find compatible accessories.

Securing Your Device

By default, the device locks automatically when the screen times out or you can lock it manually. You can unlock the device using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see *"Lock screen"* on page 188.

For other settings related to securing your device, see *"Location services"* on page 187.

Note: Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the Home screen.

Locking the device manually

■ Press the **Power/Lock Key** ⬤.

Unlocking the Device

1. Press the **Power/Lock Key** ⬤.

The Lock screen displays.

2. Swipe across the screen as shown.

The last accessed screen displays.

Tip: You can launch any of five applications from the Lock screen. Just touch and swipe one of the app shortcut icons to launch its associated application.

You can change your Lock screen settings to enable access to the Popup Note application by using your S Pen. (For more information, refer to *"Lock screen"* on page 188.)

Note: You can customize the Lock screen and set the type of Screen Unlock you want to use (Face unlock, Pattern, PIN, or Password). For more information, see *"Lock screen"* on page 188 and see *"Security"* on page 191.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

• If your device is frozen and unresponsive, press and hold the **Power/Lock Key** for 8 to 10 seconds.

Section 2: Understanding Your Device

This section outlines key features of your device and describes the screen and the icons that appear when the device is in use. It also shows how to navigate through the device.

Features

- 10.1-inch WXGA (1280x800) TFT (PLS) LCD touch screen
- Android™ Version 4.0.4, Ice Cream Sandwich
- SAFE™ Certified
- CDMA 1X/EV-DO Rev-A /LTE Wireless Technology
- Bluetooth® 4.0 Wireless technology. For more information, refer to *"Bluetooth"* on page 170.
- Built-in Wi-Fi technology (802.11 b/g/n)
- 3.2 Megapixel camera and camcorder plus 0.3 Megapixel forward-facing VGA camera
- Full integration of Google applications (Gmail, YouTube™, Google Maps™, and Voice Search)
- Messaging Features:
  – Gmail™
  – Email (corporate and personal)

  – Google Talk™ (Instant Messaging and Video Chat)
- Photo Gallery that supports GIF, AGIF, JPEG, PNG, BMP, WBMP, and WEBP formats
- HD Video Player (720p)
  – Codec: MPEG4, H.264, H.263, VC-1, DivX, VP8, WMV7/8, Sorenson Spark
  – Format: 3GP (MP4), WMV (ASF), AVI (DivX), MKV, FLV, WEBM
- DivX Certified® to play DivX® video up to HD 1080p, including premium content
- Supports HDMI/MHL connections to connect electronic devices to high-definition televisions (HDTVs) and displays.
- Music player that supports MP3, AAC/AAC+/EAAC+, WMA, OGG (vorbis), FLAC, AC-3 (only with video), and Vorbis formats
- 1GB RAM memory and 16GB on-board memory, which is used for data storage and access
- Support for microSD™ and microSDHC™ Memory Cards

FOR INTERNAL USE ONLY

DRAFT

• Preloaded applications such as AllShare Play™, Google Play™ Books, Google Play™ Store, Polaris® Office, and Samsung Media Hub. (For more information, refer to *"Applications and Widgets"* on page 134.)

Warning! This device does not support some USB storage media devices. (For more information, refer to *"Galaxy Tab Accessories"* on page 17.)

Front View

The following items can be found on the front of your device as illustrated.

1. **External Speakers**: Used in music or video playback, notification tones, and for other sounds.

2. **Light Sensor**: Used to control screen brightness automatically and when taking photos with the front-facing Camera.

3. **Front-facing Camera Lens**: Used when taking photos or recording videos.

4. **Display Screen**: The orientation of the display screen rotates with the tablet as you turn it. You can turn this function on or off. (For more information, refer to *"Quick Settings"* on page 36.)

Top View

The following items can be found on the top of your device as illustrated.

1. **Power/Lock Key**: Press and hold to turn the device on or off. Press to lock the device or to wake the screen for unlocking.

2. **Volume Key**: From a Home screen, press to adjust Master Volume. During music playback, press to adjust volume.

3. **Memory Card Slot**: Install a memory card for storage of files.

4. **Infrared Blaster**: Used to emit infrared signals used for controlling external devices. For more information, refer to *"Smart Remote"* on page 161.

5. **3.5mm Headset Jack**: Plug in for headphones.

6. **SIM Card Port**: Insert your SIM card here.

Back and Bottom Views

The following items can be found on the back and bottom of your device.

1. **Camera Lens**: Used when taking photos or recording videos.

2. **Microphone**: Used for video chat.

3. **Charger/Accessory Port**: Plug in a USB cable for charging or to sync music and files.

S Pen

With the S Pen stylus, you can do anything you can do with one finger, only more accurately.

You can also use the S Pen with compatible applications, such as S Note or Photoshop Touch, to do things you cannot do with your finger.

1. **Stylus tip**: Used for touching and dragging accross the screen.
2. **Pen button**: Used to access additional functions for the S Pen. (For more information, refer to *"Using the S Pen"* on page 25.)

Removing the S Pen From Your Tablet

The S Pen is conveniently stored in your tablet to protect it and to keep it available.

Tip: Removing the S Pen awakens your tablet's screen (if dark), unlocks the screen if the lock is set to Swipe, and launches the S Pen App Tray. (For more information, refer to *"S Pen App Tray"* on page 46.)

To remove the S Pen, follow these steps:
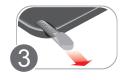
1. Locate the S Pen at the lower right corner of the device (1).

2. Use your fingernail or a sharp object to pull the end of the S Pen out of the device (2).

3. Pull the S Pen out of the device (3).

Rich S Pen Functionality

- **Air View**: Hover S Pen over the screen to preview information.
- **Effectively express yourself**: Write/Draw directly into an email, or the calendar, annotate Word, Excel, PowerPoint, and PDF documents, capture your ideas in S Note, write a note on the back of the picture.
- **Quick Command**: Launch Quick Command to activate frequently used applications or actions. Press the S Pen button and then drag the S Pen up the screen to display the Quick Command window.
- **Easy Clip**: Instantly outline and crop anything on the screen and freely edit or share with others.

Using the S Pen

There are several different functions you can perform using the S Pen.

S Pen Screen Operations

The S Pen can be used for various screen operations.

- Touch a command button, such as ⬅ **Back**, or icons, such as ▦ **Apps** or ◉ **Email**, with the S Pen instead of your finger. The result is the same at touching the button or icon with your finger.

- To sweep a list or menu, touch and drag the screen up or down.

- To sweep to the next Home screen panel, touch and drag the screen to the left or right.

Back Function

To move to a previous screen, hold the S Pen button and touch and drag the screen as shown in the illustration below. The previous screen displays.

Press S Pen Button

Menu Button

To display the menu from any screen, hold the S Pen button and touch and drag the screen as shown in the illustration below. The menu displays.

Press S Pen button

Launch Popup Note

Popup Note is an application that you can launch from any screen to take quick notes or jot down ideas. To open Popup Note, hold the S Pen button and double-tap the screen.

Tip: You can also change the Lock screen's settings to let you launch Popup Note from the Lock screen. (For more information, refer to *"Lock screen"* on page 188.)

Press S Pen button

Tip: To take more complex notes, access the full S Note application. (See *"S Note"* on page 158.)

Screen Capture

To take a screen capture, press and hold the S Pen button and touch and hold the S Pen anywhere on the screen. Files are saved in the **My Files** ➔ **All files** ➔ **sdcard0** ➔ **Pictures** ➔ **Screenshots** folder. You can also find them in your Gallery in the **Screenshots** album.

Press
S Pen
button

Write on any Screen after Capture

To write on a screen capture, use the pen to draw or write. Files are saved in the **My Files** ➔ **All files** ➔ **sdcard0** ➔ **Pictures** ➔ **Screenshots** folder.

Press
S Pen
button

For information on using your S Pen with the S Note application, see *"S Note"* on page 158.

Air view

When you hold the S Pen near the screen, a pointer appears on the screen. Move the pointer to files, subjects, or options to preview the contents or view information in pop-up windows.
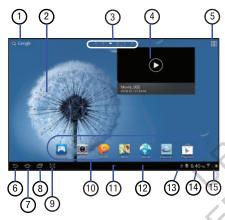
You can scroll through panels or lists by moving the pointer to an edge (top/bottom/left/right) of the screen.

Home Screen

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

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

1. **Google Search**: Search the web by typing or speaking. For more information, refer to *"Google"* on page 149.

2. **Home screen**: The starting point for using your device. Place shortcuts, widgets and other items to customize your device to your needs.

3. **Panel Indicator**: Indicates which Home screen panel is displayed. For more information, refer to *"Extended Home Screen"* on page 30.

4. **Widget**: Applications that run on the Home screen panels. (For more information, refer to *"Widgets"* on page 41.)

5. **Apps**: Display the Apps screen.

6. **Back**: Return to the previous screen or option.

7. **Home**: Display the central Home screen. Touch and hold to display the Task Manager pop-up.

8. Recent Apps: Open a list of thumbnail images of apps you have worked with recently. Touch an App to open it. Touch **Task manager** to display the Task Manager.

9. Quick Launch: This soft key can be set to launch several different applications. The default setting is **Screen capture**. (For more information, refer to *"Quick launch"* on page 183.)

10. App Shortcuts: Shortcuts to applications. (For more information, refer to *"App Shortcuts"* on page 40.)

11. Mini App Tray: Shortcuts to apps that you can use anytime, such as a Alarm, Calculator, and Calendar. (For more information, refer to *"Mini App Tray"* on page 44.)

12. System Bar: The area along the bottom of the Home screen where you can find navigation buttons and icons that show notifications, battery power, and connection details.

13. Notification Icons: Presents icons to show notifications from the system or from an application. Touch a Notification Icon to display more detail. (For a list of icons, see *"Status Bar"* on page 39.)

14. Time: The current time. (For more information, refer to *"Date and time"* on page 201.)

15. Status Icons: Indicate the status of your tablet. Touch the Time / Status Icons area to display the Status Details panel. (For more information, refer to *"Status Bar"* on page 39.)

Display Settings

You can customize display screen settings to your preferences. (For more information, refer to *"Display"* on page 182.)

Extended Home Screen

The Home screen consists of the Home panel and four additional panels that extend beyond the display width to provide more space for adding shortcuts and widgets.

Slide your finger left and right across the screen to scroll to other Home screen panels. As you scroll, the indicator at the top of the screen shows the currently displayed Home screen panel.

Customizing the Home Screen Panels

To customize the Home screen panels to suit your preferences:

1. Navigate to one of the Home screen panels.
2. Touch and hold on the screen until the **Home screen** pop-up appears.
3. To change the Home screen and/or Lock screen wallpaper, touch **Set wallpaper**. (For more information, refer to *"Wallpapers"* on page 43.)

4. Under **Add to Home screen** the following options are available:
   • **Apps and widgets**: Add application shortcuts or widgets to the current Home screen panel.
   • **Folder**: Add a folder to the current Home screen panel. (For more information, refer to *"Folders"* on page 42.)
   • **Page**: Add a Home screen panel. (For more information, refer to *"Adding Home Screen Panels"* on page 31.)

Note: The center panel displays when you touch ⬚ **Home**.

Adding Home Screen Panels

Your device comes with five active Home screen panels. You can add panels to a maximum of 7.

Note: Home screen panel 3, the center panel, displays when you touch **Home**.

1. Touch and hold on a Home screen panel until the **Home screen** pop-up displays. Under **Add to Home screen**, touch **Page**.

   – or –

   From a Home screen panel, pinch the screen from the left and right side to the center to display the editing screen. Then touch on a panel to add (enable) it.

Removing Home Screen Panels

You can remove (disable) Home screen panels you aren't using.

1. From a Home screen panel, pinch the screen from the left and right side to the center to display the editing screen.

2. To remove (disable) a Home screen panel, touch the unwanted panel and drag it over the **Remove** icon. The contents of the selected panel are erased and replaced with .

3. Touch **Back** to return to the Home screen.

Rearranging Home Screen Panels

You can change the order the Home screen panels appear when you swipe across the home screen.

1. From a Home screen panel, pinch the screen from the left and right side to the center to display the editing screen.

2. To rearrange the order of panels, touch and drag a panel to a new location.

3. Touch **Back** to return to the Home screen.

Selecting a New Home Screen

You can change which Home screen panel appears you touch
⌂ **Home**.

1. From a Home screen panel, pinch the screen from the
   left and right side to the center to display the editing
   screen.

2. To select a new Home screen, touch ⌂ in the upper
   right corner of the desired panel.

3. Touch ⟳ **Back** to return to your new Home screen.

Navigating Your Device

Use command buttons and the touch screen to navigate.

Command Buttons

Back

Touch ⟳ **Back** to return to the previous screen, option, or
step.

Note: When the on-screen keyboard is active, ✉ **Close
Keyboard** replaces ⟳ **Back**.

Home

Touch ⌂ **Home** to return to the Home screen.

Recent Apps

Touch ⊟ **Recent Apps** to open a list of thumbnail images of
apps you have worked with recently. Touch an App to open it.

Touch **Remove all** to clear all thumbnail images.

Touch **Task manager** to display the Task Manager.

Screen Capture

1. Touch ![icon] **Screen Capture** to capture and add an image of the current screen to the clipboard.

2. Touch and hold ![icon] **Screen Capture** to capture an image of the current screen and edit the image, then touch ![icon] **Save** to save the image.

Note: A copy of the screenshot is automatically saved to the clipboard.

To view the screen shots:

1. From a Home screen, touch ![icon] **Apps**
   ➔ ![icon] **My Files**.

2. Touch **sdcard** ➔ **Pictures** ➔ **Screenshots**.

3. Touch a screen capture file to display it.

Note: This soft key can be modified to launch other applications. (For more information, refer to *"Quick launch"* on page 183.)

Other Buttons

Google Search

Touch ![icon] **Google** to search the web or your device.

Context-Sensitive Menus

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

• Touch ![icon] **Menu** to display a list of options.

• Touch an option in the list.

Application Bar

The Application Bar is the area along the top of various application screens. It usually contains Search and Menu buttons, as well as other buttons that are used to display options and settings.

Screen Navigation

Touch

Touch items to select or launch them. For example:

• Touch the on-screen keyboard to enter characters or text.

• Touch a menu item to select it.

• Touch an application icon to launch the related application.

Touch and Hold

Activate on-screen items. For example:

● Touch and hold a widget on the home screen to move it.

● Touch and hold on a field to display a pop-up menu of options.

Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

● Unlocking the screen.

● Scrolling the Home screens or a menu.

Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out.

For example, pinch a photo in the **Gallery** app or a web page in the **Internet** app to zoom in or out.

Using Motions

By activating the various gesture features within the Motion Settings menu, you can access a variety of time saving functions.

To activate motion:

   1. From the Home screen, touch the Time / Status Icons area to display the Status Details panel. (For more information, refer to *"Status Bar"* on page 39.)

   2. Touch **Settings** ➔ **Motion**.

   3. Touch the ON/OFF slider [OFF] located at the top of the screen to activate motion.

   4. Touch the check box located to the right of each motion option you wish to activate. A check mark will appear.

The following is a description of the available gestures:

● **Tilt to zoom**: Once enabled, you must be on a screen where content can be zoomed.

  – In a single motion, touch and hold two points on the display.

  – Tilt the tilt the device back and forth to zoom in or out.

● **Pan to move icon**: Once enabled, you must be on a Home screen panel.

  – Touch and hold a desired application shortcut icon or widget on the screen until it detaches.

34

- Move the device left or right to migrate it to a new location.
- **Pan to browse images**: Once enabled,
  - Touch and hold a desired on-screen image to pan around it.
  - Move the device left or right to pan vertically.
  - Move the device up and down to pan horizontally around the large on-screen image.

Notifications

When you receive a notification, the Notification icon displays in the System Bar, to the left of the Time. Notifications indicate the arrival of Gmail, Email, alarms, and more.

- For more detail, touch a Notification icon.
  For example, touch a Gmail Notification icon to see who sent the message.
- To open the Notifications list to view all of your current notifications, touch the Time field.
  - To display a Notification in the list, touch the item.
    For example, touch a Gmail entry to open the Gmail application and view the message.

Most apps that send notifications, such as Email and Gmail, have individual settings that can be configured. See the settings for individual applications in the applicable section of this user manual.

Status Details
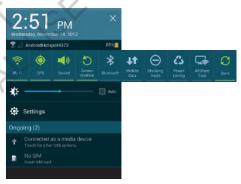
To display the current date and time, battery status, and Wi-Fi connectivity status, open Status Details.

1. Touch the Time in the Status Bar.

   The Status Details display. If you have any current notifications, their summaries are listed below the Notifications title.

2. Touch a notification summary to respond to it.

3. Touch outside the Status Details screen to close the window.

Quick Settings

To view and control the most common settings for your tablet, as well as accessing the complete Settings application, open the Quick Settings panel.

1. Touch the Time in the System Bar.

   The Quick Settings pop-up displays.

2. Touch the time at the top of the pop-up to display a Date and time pop-up. The following options are available:

   • Touch **Automatic date and time** or **Automatic time zone** to use network-provided date and time or time zone.

   • Touch **Use 24-hour format** to enable the 24-hour format.

   • Touch **Manual setup** to display the Date & time settings screen. (For more information, refer to *"Date and time"* on page 201.)

3. The Quick Settings are:

   • **Wi-Fi**: Touch to enable or disable Wi-Fi. For more information, refer to *"Wi-Fi"* on page 120.

   • **GPS**: Touch to enable or disable Standalone GPS services. (For more information, refer to *"Location services"* on page 187.)

   • **Sound / Mute**: Touch to enable or disable sound mode.

   • **Screen rotation**: When On the screen rotates automatically from landscape to portrait and vice versa. When Off the screen is fixed in the current mode, either portrait or landscape. (For more information, refer to *"Quick Settings"* on page 36.)

   • **Bluetooth**: Touch to enable or disable Bluetooth. For more information, refer to *"Bluetooth"* on page 122.

   Sweep the pop-up to the left to see additional settings.

   • **Mobile data**: Disables mobile data so you can no longer use applications such as Browser, Email, and YouTube using a mobile network.

   • **Blocking mode**:

   • **Power saving**: When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power. (For more information, refer to *"Power saving mode"* on page 185.)

   • **AllShare Cast**:

   • **Sync**: Synchronizes your device with the network. Synchronizes contacts, email, time, and a variety of accounts.

   These additional options are available:

   • **Brightness**: Touch and drag the slider to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status. (For more information, refer to *"Brightness"* on page 182.)

   • **Settings**: Touch to open the Settings application. For more information, refer to *"Settings"* on page 168.

- **Notifications**: Displays system notifications. For more information, refer to *"Notifications"* on page 35.

4. Touch **Clear** to remove Notification Icons from the System Bar.

5. Touch a notification entry to display the details.

6. Close the Quick Settings by touching **X** in the upper, right corner of the Quick Settings pop-up or by touching outside the Quick Settings screen.

Notifications

Quick Settings also displays icons under the **Notifications** heading to alert you to activity on the tablet such as new messages, application downloads, software updates, and more. The following table lists those icons.

Download Successful: A recent application download or update completed successfully.

New Email Message: You have new email. Touch Reply to view and answer the email.

New Gmail Message: You have new Gmail. Touch the icon for additional information.

Google Talk Invitation: Someone has invited you to chat using Google Talk.

Wi-Fi networks available: An open Wi-Fi network is in range.

Wi-Fi Connected: Your device is connected to a Wi-Fi network.

Samsung account: Set up your Samsung account. (For more information, refer to *"Samsung Account"* on page 10.)

Software update: There is a software update available for this device.

Updates Available: Updates to the applications you have downloaded are available.

SIM Installed: A SIM card is installed in your tablet.

No SIM: A SIM card has not been installed in your tablet.

Status Bar

The Status Bar is part of the System Bar and displays icons to show network status, battery power, and other details.

Battery Fully Charged: When the battery is fully charged, this indicator is displayed.

Battery Level: Shown fully charged.

Charging Indicator: Battery is charging.

Device Power Critical: Battery has only three percent power remaining. At about 15 percent power remaining, a popup is displayed to remind you to charge immediately.

USB Connection Indicator: The device is connected to a computer using a USB cable, but it is not charging. The battery is only charged while connected to a computer, if the device is turned off. When the device is off, press the Power/Lock key to see the battery charging indicator.

Download in progress: An application is being downloaded to the device.

Airplane Mode: Indicates that the Airplane Mode is active, which allows you to use many of your device's features, but it cannot access online information or applications.

Set up input methods: When the keyboard is being displayed, touch this icon to display a menu of quick keyboard settings.

Bluetooth Active: Bluetooth is turned on. For more information, refer to *"Bluetooth"* on page 122.

Bluetooth Connected: Your device is connected to a Bluetooth device.

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

Signal Strength: Displays your current signal strength. The greater the number of bars, the stronger the signal.

GPS Active: Displays when GPS is active.

Alarm Set: Displays when you set an alarm to ring at a specified time. (For more information, refer to *"Alarm"* on page 137.)

Event: This is a notification for one or more events. (For more information, refer to *"Creating an Event or Task"* on page 142.)

Screenshot Captured: A screenshot has been captured. (For more information, refer to *"Screen Capture"* on page 33.)

Nearby Devices: The Nearby devices setting is enabled. (For more information, refer to *"Nearby devices"* on page 178.)

App Shortcuts

Use App Shortcuts for quick access to applications or features, such as Email or Camera.

1. Navigate to the Home screen on which you want to place the App Shortcut.

2. Touch ▦ **Apps**.

   – or –

   Touch and hold on the screen until the **Home screen** options pop-up displays.

   Under **Add to Home screen** touch **Apps and widgets**.

3. Touch the **Apps** tab.

4. Touch and hold the application icon, then slide your finger where you want to place the icon and release it. (For a list of applications, see *"Apps Screen"* on page 134.)

5. Touch and hold the App Shortcut and then drag the application icon to reposition it on the Home screen.

Removing App Shortcuts

■ Touch and hold the App Shortcut until 🗑 **Delete** displays at the top of the screen, then drag the App Shortcut to the **Delete** icon.

Widgets

When you first turn on your tablet, there are various widgets on the center Home screen. They can also appear on the Home screens to the left and right of the center Home screen.

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

Adding Widgets to a Home screen

1. Navigate to the Home screen panel on which you want to place the Widget.

2. From that Home screen panel, touch ▦ **Apps**.
   – or –

   Touch and hold on the Home screen panel until the **Home screen** options pop-up displays.

   Under **Add to Home screen** touch **Apps and widgets**.

3. Touch the **Widgets** tab.

Note: Swipe across the screen horizontally to view all Widgets.

4. Touch and hold the Widget's icon, then slide your finger where you want to place the icon and release it.

Note: There must be room on the screen where you want to place the widget, otherwise the widget will not add to the Home screen.

5. Touch ⬅ **Back** to return to the Home screen.

Removing Widgets

- Touch and hold the Widget until the 🗑 **Remove** icon displays at the top of the screen, then drag the Widget and drop it over the **Remove** icon.

Folders

Place Folders on the Home screen to organize items together on the Home screen.

Adding Folders

To create a folder on a Home page:

1. Navigate to the desired Home screen.

2. Touch and hold on the screen until the **Home screen** pop-up displays.

3. Under **Add to Home screen** touch **Folder**.

A new folder displays on the Home screen.

Managing Folders

To name a folder:

■ Touch the folder, touch the **Unnamed folder** field, and use the keyboard to enter a name for the folder.

To add an App shortcut to a folder:

1. Add the App shortcut to the Home screen that the folder is on.

2. Touch and hold the App shortcut, drag it to the folder, and drop it.

To remove an App shortcut from a folder:

1. Touch the folder to view the contents.

2. Touch the App shortcut, drag it out of the folder, and drop it on the Home screen.

Removing a Folder

■ Touch and hold the folder until the 🗑 **Delete** icon displays, then drag the folder toward the top of the screen and drop it over the **Delete** icon.

Note: Any App shortcuts in the folder are deleted.

Wallpapers

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

1. From a Home screen, touch and hold on the screen.

The **Home screen** options pop-up displays.

2. Touch **Set wallpaper for**.

The Set wallpaper for pop-up displays.

3. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.

The **Select wallpaper from** pop-up displays the following options:

- **Gallery**: Access the Gallery to select a photo. Touch a photo to select it. Crop and resize the picture, if desired. Touch **Done** to save the picture as wallpaper. Touch **Cancel** to cancel.

- **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch ⤺ **Back** to return to the Live wallpapers menu.

- **Wallpapers**: Choose from pre-loaded wallpaper images. Touch an image to view it. Touch **Set wallpaper** to save it as wallpaper. Touch ⤺ **Back** to return to the Home screen.

Note: Live wallpapers is not available for the Lock screen.

Mini App Tray

There are shortcuts available that link to apps that you might need while working in other apps, such as Alarm, Calculator, Calendar, Email, Music Player, Task manager, and World Clock. In some cases, these shortcuts are actually links to the part of the app you need most and they contain a link to the actual app where you can use other functions.

1. From any screen, touch ▢▢ **Mini App Tray** at the bottom, center of the screen.

   The Mini App Tray icons display.

2. Touch one of the icons to display a mini app pop-up.

   The pop-up varies depending on the application. Various controls display at the top of the pop-up and other information is displayed in the body of the pop-up.

3. Touch options (such as ▢) to create new app items (such as alarms or events).

4. Touch items in the body of the pop-up, such as an email entry or keys on the Calculator.

5. Touch ▢ to link to the application. (For more information, refer to *"Changing the Apps Screen"* on page 134.)

6. Touch ▢ to close the mini app pop-up.

7. Touch **Edit** at the right side of the tray to customize the Mini App Tray. (For more information, refer to *"Customizing the Mini App Tray"* on page 45.)

Customizing the Mini App Tray

You can choose applications to display on the Mini App Tray and arrange them in any order.

1. From any screen, touch ▢ **Mini App Tray** at the bottom, center of the screen. The Mini App Tray pops up at the bottom of the screen.

2. Touch **Edit** at the right side of the tray.

3. To remove an app from the Mini App Tray, touch the app icon. The icon disappears from the Mini App Tray and "jumps" to the Mini App Tray applications list.

4. To change the location of an app icon in the Mini App Tray, touch and drag the icon to another position in the tray.

5. Touch ✓ **Done** to save your changes.

S Pen App Tray

The S Pen App Tray gives you quick access to the S Pen-enabled applications on your tablet.

1. Remove the S Pen from its storage slot at the bottom right side of your tablet.

    The S Pen App Tray pops-up on the side of the display, with the following applications available:

    • **Popup Note**: Handwrite, draw, save, and share quick memos.

    • **S Note**: Create notes with productivity tools that turn handwriting into typed text and correct drawn shapes, lines, and formulas to make them perfect. (For more information, refer to *"S Note"* on page 158.)

    • **Calendar**: Record events and appointments to manage your schedule. A shortcut to Calendar displays on a Home screen by default. (For more information, refer to *"Calendar"* on page 141.)

    • **Crayon physics**: Your drawings are transformed into physical objects in a game in which you solve puzzles with your artistic vision and creative use of physics.

• **PS** (Photoshop) **Touch**: Combine images, apply effects, and share your results with friends and family through social networking sites.

• **Polaris Office**: Manage your Office documents online or offline. (For more information, refer to *"Polaris Office"* on page 157.)

• **S Pen Settings**: Tailor your tablet's responses to your use of the S Pen, such as, when you remove the S Pen from its slot, whether to play sounds and what action to take or app to launch. (For more information, refer to *"S Pen"* on page 200.)

2. To launch an app in the S Pen App Tray, touch the app's icon with your S Pen.

Section 3: Entering Text

This section describes how to enter words, letters, punctuation and numbers when you need to enter text.

Samsung Keyboard

Your device uses a virtual QWERTY keyboard for text entry called the *Samsung keyboard*. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

The keyboard displays at the bottom of the screen. By default, when you rotate the device, the screen orientation updates to display the keyboard at the bottom of the screen.

Text Input Methods

Your device offers two text input methods.

- **Google voice typing**: You can use your voice to enter text using the Voice input feature. Your device recognizes your speech and enters text for you. For more information, refer to *"Using Speech Recognition"* on page 55.
- **Samsung keyboard**: The Samsung keyboard is also a virtual QWERTY keyboard that allows you to enter text by touching keys on the screen. The Samsung keyboard includes predictive text, which matches your key touches to common words so that you can select the word to enter it into your text.

Changing the Input Method

When entering text, you can select the text input method.
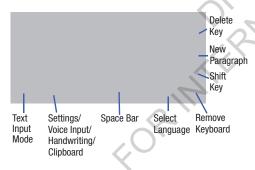
1. Touch   **Set up input methods** in the Status bar. The Set up input methods pop-up displays.

2. Touch an input method to activate it.

3. Touch   to display that input method's settings.

(For more information, refer to *"Keyboards and input methods"* on page 193.)

Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring predictive text. Input characters by touching the on-screen keys with your finger or use speech recognition.

As you enter characters, predictive text matches your key touches to common words and displays them. Select a word from the display to insert it into your text. For more information, refer to *"Using XT9 Predictive Text"* on page 49.

Your tablet also provides handwriting recognition to make the task of text entry that much easier.

Delete Key

New Paragraph

Shift Key

Text Input Mode

Settings/ Voice Input/ Handwriting/ Clipboard

Space Bar

Select Language

Remove Keyboard

Configuring the Keyboard

To configure the Samsung keyboard to your preferences:

■ Touch [ ] **Set up input methods** in the Status bar and then touch [ ] next to **Samsung keyboard** in the Set up input methods pop-up.

– or –

Touch and hold [ ] **Options** on the keyboard and slide to [ ] **Settings**.

The Samsung keyboard settings screen displays.

(For more information, refer to *"Keyboards and input methods"* on page 193.)

Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key [ ] to toggle the case, before touching the letter key(s).

● Touch once to switch from abc to Abc mode.

● Touch twice to switch to ABC mode. When ABC mode is enabled, the Shift key background turns blue.

Entering Symbols and Numbers

The number keys are displayed at the top of the keyboard and are always available.

To enter common symbols, touch [ ] to switch to Symbols mode, then touch the corresponding key.

There are two pages of symbols. Touch [ ] to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can chose an accented vowel or other alternate letter. Slide to the letter until it is highlighted, and release.

Touch and hold the Period key (.) to open a small window with a set of common symbols.

Other Keyboard Functions

Touch [ ] to select the language, if more than one language has been set. The current language displays on the space bar.

Touch and hold [ ] **Options** and slide to [ ] **Handwriting** to use the Handwriting feature. (For more information, refer to *"Using the Handwriting Feature"* on page 53.)

Touch and hold [ ] **Options** and slide to [ ] **Clipboard** to view the clipboard and manage saved text.

Using XT9 Predictive Text

XT9 is a predictive text system that has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

1. Touch [ ] **Set up input methods** in the Status bar. The Set up input methods pop-up displays.

2. Touch **Set up input methods**. The Language and input settings screen displays.

3. Touch [ ] next to Samsung keyboard to display Samsung keyboard settings.

4. Touch the Predictive text [ ] **OFF / ON** icon to turn Predictive text ON.

5. Touch the **Predictive text** field to modify XT9 associated settings. (For more information, refer to *"Keyboards and input methods"* on page 193.)

Note: The XT9 option is available only when ABC mode has been selected.

6. Begin typing a word.

A list of word options displays.

7. Touch ▢ to display more words.

To add more words, see *"Adding Words To Your Word List"* on page 50.

8. Continue typing your message. XT9 mode can be used in portrait or landscape mode.

Adding Words To Your Word List

To add more word options:

1. Touch ▢ **Set up input methods** in the Status bar.

The Set up input methods pop-up displays.

2. Touch **Set up input methods**.

The Language and input settings screen displays.

3. Touch ▢ next to Samsung keyboard to display Samsung keyboard settings.

4. Touch **My word list**.

5. Touch ▢ **Add**.

6. Use the on-screen keyboard to enter the word.

7. Touch **Done**.

Deleting Words From Your Word List

To delete words from your word list:

1. Navigate to My word list. For more information, refer to *"Adding Words To Your Word List"* on page 50.

2. Touch ▢ **Delete**.

3. Touch the existing words you want to delete or touch **Select all**, and then touch **Delete**.

4. Touch **Delete**.

Editing Text

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.

Editing Existing Text

To edit text that you have entered:

1. Touch the text at the point you want to edit.

   The ▮ **Cursor** displays at the point you touched.

2. Touch and drag the **Cursor** to a better position, if necessary.

3. Enter additional text or delete text by repeatedly touching the ▮ **Delete** key.

Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

1. Touch and hold the text or word you want to select.

   The selected text is highlighted with a ▮ ▮ tab at each end of the selection.

2. Touch and drag either tab to select more or less text.

Tip: Touch **Select all** in the Application bar to select all text in the field. Touch on another area of the screen or touch **Done** to deselect the text.

---

3. Depending on the action you want to take for the selected text, in the Application bar touch:

   • **Select all** to highlight all text in the field.

   • **Cut** to remove the selected text.

   • **Copy** to save the selected text to the clipboard.

   – or –

   Enter text by typing or speaking to replace the selection with what you type.

   – or –

   Touch the ▮ **Delete** key to delete the selected text.

Pasting Text

To paste previously copied text:

1. Touch the text at the point you want to paste the copied text.

   The ▌ **Cursor** displays at the point you touched.

2. Touch the Cursor.

   A pop-up displays.

3. Touch **Paste** in the pop-up.

To paste text directly from the clipboard:

1. Touch and hold ▌ **Options** and slide to ▌ **Clipboard** to display the text saved to the clipboard.

2. Touch a text block to paste that text where the **Cursor** is positioned.

Closing the Keyboard

To close the keyboard:

■ Touch ▌ **Close Keyboard**.

Using T9 Trace

T9 Trace allows you to enter words by gliding your finger over the virtual QWERTY keypad, lifting finger between words.

To enable T9 Trace:

1. From a Home screen, touch ▌ **Apps** ➔ 🔅 **Settings** ➔ **Language and input**.

2. Touch ▌ next to Samsung keyboard.

   The Samsung keyboard settings screen displays.

3. Touch **T9 Trace** to enable the T9 Trace option.

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

The following example shows how to enter the word "this". Put your finger down on the "t" and, without lifting, glide it to the "h", then to the "i", then over to the "s".

Here are a few tips to get you started:

- **Auto-spacing**: When you finish a word, just lift your finger and start the next word.
- **Double letters**: Just "scribble" on the key.
- **Auto-capitalization**: T9 Trace recognizes and capitalizes the first word of sentences. If you want to capitalize a word that is not at the beginning of a sentence, touch the Shift key and then glide over the letters in the word.
- **Contractions**: T9 Trace recognizes most words that include an apostrophe, just swipe the letters of the word, including the apostrophe.

- **Punctuation**: Touch and hold a key to view a punctuation menu and make a selection.
- **Error correction**: If you make a mistake, double-tap on the word you want to change and then glide over the letters of the correct word.
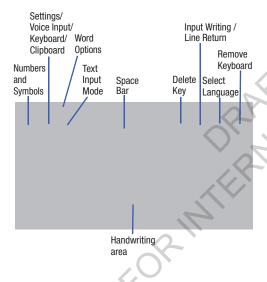
Using the Handwriting Feature

You can enter text simply by using your finger to handwrite letters on your screen.

1. From a screen where you can enter text, activate the keyboard by touching a text input field on the screen.

2. If necessary, touch ☐ **Set up input methods** in the Status bar and then touch **Samsung keyboard**.

   The Samsung keyboard displays.

3. Touch and hold ☐ **Options** and slide to ☐ **Handwriting**.

   The handwriting pad displays.

4. Use your finger tip to write out each character.

Note: To properly recognize the written characters and to prevent scratching of the LCD, do not use script.

As you write, suggestions are offered in the word options area in case the correct letters were not recognized.

Settings/
Voice Input/
Keyboard/
Clipboard   Word
             Options

Numbers
and
Symbols   Text
             Input
             Mode   Space
                     Bar

Input Writing /
Line Return

Remove
Keyboard

Delete Select
Key   Language

Handwriting
area

Handwriting Tips

- For uppercase letters, write the letter larger than the lowercase letters.
- Write a dash (horizontal line) to add a space.
- Delete words by sweeping backward across them.
- To display numbers and symbols, touch   and then touch a number or symbol key. Touch the button marked 1/3, 2/3, or 3/3 to see more symbols and emoticons. Touch   to exit the numbers and symbols keyboard.
- To return to the Samsung keyboard, touch and hold   **Options** and slide to   **Keyboard**.

Handwriting Settings

To change the Handwriting settings:

1. Touch   and then touch **Set up input methods**.
   The Language and input settings screen displays.

2. Touch   next to Samsung keyboard to display Samsung keyboard settings.

3. Touch **Handwriting**.
   The following settings can be changed:

- **Recognition time**: Set the time it takes for your tablet to recognize what you write. Choose from 100ms, 300ms, 500ms, 1000ms, or 2000ms.

- **Pen thickness**: Change the pen thickness to 1, 3, 5, 7, or 9 pixels, as the examples demonstrate.

- **Pen color**: Change the pen color to black, red, blue, green, or brown.

- **Recognition type**: Set the way your tablet recognizes what you write.

  – **Complete recognition**: The letters are not entered in the text field until you touch   **Enter**, which gives you time to choose word options.

  – **Stroke recognition**: The letters are entered in the text field as you write.

- **Gesture guide**: Displays a list of gesture that can be used with the handwriting feature.

- **Tutorial**: Displays information for entering handwritten text.

- **About**: Describes the version, date, and manufacturer of the handwriting software.

4. Press   repeatedly to return to your message.

Using Speech Recognition

You can use your voice to enter text using the Voice input feature, which lets you enter text by speaking. The Samsung keyboard recognizes your speech and enters text for you.

1. Touch   **Set up input methods** in the Status bar and then touch **Google voice typing** in the Set up input methods pop-up to enable **Voice Input**.

   – or –

   Touch   **Settings** and slide to   **Voice Input**.

   (For more information, refer to *"Speech"* on page 196.)

2. At the **Listening** prompt, speak clearly and distinctly into the microphone.

   The software converts your voice to text, which is displayed in the message.

3. Keep speaking to add more test.

4. Touch **Done** to display the Samsung keyboard.

Note: The Speech Recognition feature works best when you break your message down into smaller segments.

Section 4: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

Your device can synchronize with a variety of accounts. With synchronization, information on your device is updated with any information that changes in your accounts.

- **Samsung account**: Add your Samsung account. (For more information, refer to *"Samsung Account"* on page 10.)
- **Email**: Add an Email account to sync Contacts. (For more information, refer to *"Email"* on page 68.)
- **Facebook**: Add your Facebook account to sync Contacts.
- **Google**: Add your Google account to sync your Contacts, Calendar, and Gmail. (For more information, refer to *"Gmail"* on page 76.)
- **LDAP**: Add an LDAP account to find entries in an LDAP directory server.
- **Microsoft Exchange ActiveSync**: Add your Exchange account to sync Contacts, Calendar, and Email.

Setting Up Your Accounts

Set up and manage your synchronized accounts with the **Accounts and sync** setting.

1. From a Home screen, touch   **Apps ➔**   **Settings ➔ Accounts and sync**.
2. Touch   **Add account**, then touch the account type.
3. Follow the prompts to enter your account credentials to complete the set-up process.
4. The device communicates with account servers to set up your account. When complete, your account displays in the **Manage accounts** area of the **Accounts and sync** screen.

Contacts
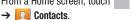
Store contact information for your friends, family, and colleagues to quickly access information or to send a message.

Tip: Contacts displays by default as a Primary shortcut on a Home screen.
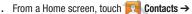
To access Contacts:

■ From a Home screen, touch **Contacts**.
– or –

From a Home screen, touch **Apps**
➔ **Contacts**.

Creating Contacts
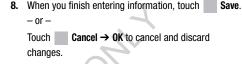
1. From a Home screen, touch **Contacts** ➔ .
2. Touch **Device** or an account.
3. Touch the Photo ID to set up a photo to identify the contact.
   • **Picture:** Choose a photo from the Gallery.
   • **Take picture**: Display the Camera and take a photo of the contact.
4. Touch contact fields to display the keyboard and enter information:

Tip: Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.

   • **Name**: Enter a first name for the contact. Touch to enter a **Name prefix**, **First name**, **Middle name**, **Last name**, and **Name suffix**.
   • **Phone**: Enter a telephone number, then touch the Label tab to choose a label from **Mobile**, **Home**, **Work**, **Work Fax**, **Home Fax**, **Pager**, **Other**, **Custom**, or **Callback**.

- **Email**: Enter an email address, then touch the ☐ **Label** tab to choose a label from **Home**, **Work**, **Other**, or **Custom** to create a custom label.
- **Address**: Enter an address, then touch the ☐ **Label** tab to choose a label from **Home**, **Work**, **Other**, or **Custom** to create a custom label.
- **Events:** Touch ☐ to display an event label and field. Enter the event date, then touch the ☐ **Label** tab to choose a label from **Birthday**, **Anniversary**, **Other**, or **Custom** to create a custom event. Touch ☐ to add additional events.
- **Groups**: Touch this field to display the Select group screen. To assign the contact to one or more groups, touch the check box next to each group. When enabled, a check mark ☐ appears in the check box. For more information about Groups, see *"Groups"* on page 63.

5. Touch ☐ to add additional fields. Touch ☐ to remove an unused field.

6. Touch **Add another field** to add these additional fields: **Phonetic name**, **Organization**, **IM**, **Notes**, **Nickname**, **Website**, **Internet call**, and **Relationship**.

7. Touch ☐ **Back** to remove the keyboard.

8. When you finish entering information, touch ☐ **Save**.
   – or –
   Touch ☐ **Cancel ➔ OK** to cancel and discard changes.

Tip: Display a contact's record and touch the **Email** field to send an email, touch the **Address** field to display the address on a map, or touch the **Website** field to link to the website.

Updating Contacts

To update an existing contact:

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch a contact in the Contacts list to view its information.
3. Touch **Edit**.
4. Continue entering contact information. For more information, refer to *"Creating Contacts"* on page 57.

Deleting Contacts

To delete a contact:

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch a contact in the **Contacts** list to view its information, and then touch **Delete**. At the prompt, touch **OK**.

Merge Contacts with Google

You can merge a current contact with your Google account contacts.

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch **Menu** ➔ **Merge with Google**.
3. Touch **OK** at the prompt to merge this contact with your Google account.

Send email from Contacts

To send an email to one or more contacts:

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch **Menu** ➔ **Send email**.
3. Touch each contact you want to send an email message or touch **Select all**. A check mark indicates contact selection.
4. Touch **Done**.
5. Touch **Compose Email** or **Compose Gmail**.
6. Touch **Use by default for this action** if you want the same selection each time.
7. Compose your email, then touch **Send**.

Managing Photo IDs

To remove or update a contact's Photo ID:

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch **Edit**.
3. Touch the Photo ID, then touch **Remove**, **Picture**, or **Take picture**.

Contacts Display Options

There are various ways to display your Contacts and general Contacts settings.

1. From a Home screen, touch **Contacts**.

2. Touch **Groups**, **Favorites**, or **Contacts**, above the Contacts List, to view contacts various ways:

   • **Groups**: Displays the possible Groups, such as Not assigned, Co-workers, Family, Friends, and so on. The number of contacts in the group is displayed next to the group name. Touch a group name to show only contacts in that group. For more information, refer to *"Creating a New Group"* on page 64.

   • **Favorites**: Show only your favorite, or starred, contacts. For more information, refer to *"Favorites"* on page 65.

   • **Contacts**: Show all your contacts. Touch the **Search** field and enter a keyword to list contacts that contain that keyword.

3. From the **Contacts** list, touch **Menu** to display all or some of these options:

   • **Delete contacts**. Touch and check mark the box next to each contact you want to delete. Touch **Delete** and then touch **OK**.

   • **Merge with Google**: Merges the current contact with your Google account contacts.

   • **Send email**: Sends an email to the selected contact.

   • **History**: Displays information about the selected contact.

   • **Join contact:** Join a contact to one or more other contacts. For more information, refer to *"Joining Contacts"* on page 62.

   • **Mark as default**: If a contact has multiple email addresses, for example, touch the field that should be the default value.

   • **Share namecard via**: Shares the selected namecard using Bluetooth, Email, Gmail, or through Wi-Fi Direct.

   • **Print namecard**: Check mark the fields you want to print and then touch **Done**. You can only print on a Samsung printer.

   • **Contacts to display**: Select the contacts you want to display in this inbox (All contacts, Google, SIM, Device, or Customized list).

- **Import/Export**: Use the USB cable to import your contacts from, or export your contacts to, a storage device, such as a PC. For more information, refer to *"Importing and Exporting Contacts"* on page 63.

- **Accounts**: Displays the Accounts and sync screen so you can manage or synchronize this account.

- **Settings**: Configure contact settings:
  - **Only contacts with phones**: Touch to check the box to only display contacts that have phone numbers.
  - **List by**: List contacts by **First name** or **Last name**.
  - **Display contacts by**: Display contact names as **First name first** or **Last name first**.
  - **Contact sharing settings**: Sets parameters for sending contact information:
    - **Send all namecards**: Allows you to transmit all of your current Contact entries at a single time. If the recipient device does not support this feature, some or all Contact entries might not be received.

- **Send individual namecards**: Allows you to transmit single contacts, one at a time. The recipient must accept each namecard as it is received. This method of transmission ensures all contacts are received.

4. From the **Groups** list, select a group and then touch **Menu** to display these Group-specific options:

- **Search**: Search the group for a contact.
- **Delete**: Touch one or more groups and touch **Delete**.
- **Edit**: Change the Group name or touch **Add member** to add or delete group members.
- **Remove member**: Remove a selected member from this group.
- **Send email**: To send an email to one or more members of the group, touch and check mark the box next to each contact you want to send to, or touch **Select all**, and touch **Done**. Touch **Compose Gmail** or **Compose Email** as the method for sending the email.
- **Change order**: Changes the order of how the groups display.

Linked Contacts

Your device can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking, or *joining*, imported contact records allows you to see all the contact's numbers and addresses together in one contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

Joining Contacts

1. From a Home screen, touch 🔳 **Contacts**.

2. Touch a contact in the **Contacts** list to view its information.

3. Touch 🔳 **Menu ➔ Join contact.**

4. Touch the contact you want to Join.
    The joined contact's information is displayed with the original contact's information.

5. Repeat Step 3 and 4 to join other contacts.

Separating Contacts

1. From a Home screen, touch 🔳 **Contacts**.

2. Touch a contact in the **Contacts** list to view its information.

3. Touch 🔳 **Menu ➔ Separate contact.**
    A list of Joined contacts displays.

4. Touch 🔳 **➔ OK** to separate a joined contact.
    The contact is removed from the list.

Sharing Contact Information

You can send a contact's information by way of Bluetooth to other Bluetooth devices or in an Email or Gmail as an attachment.

Note: Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From a Home screen, touch 🔳 **Contacts**.

2. Touch 🔳 **Menu ➔ Share namecard via**.

Tip: Set up a contact record for yourself to share your information with others.

3. At the prompt, choose a sending method. Options are:
   - **Bluetooth**: For more information, refer to *"Bluetooth"* on page 122.
   - **Email**: For more information, refer to *"Email"* on page 68.
   - **Gmail**: For more information, refer to *"Composing and Sending Gmail"* on page 78.
   - **Wi-Fi Direct**: To send Contacts entries directly to an external device through a Wi-Fi connection.
4. Follow the prompts to send the contact information.

Importing and Exporting Contacts

To back up and restore your contacts information, you can export your contacts list to a storage device, such as a PC, or import your contacts list (previously exported) from a storage device.

1. Use the USB cable to connect your device to the storage device.

2. From a Home screen, touch 📇 **Contacts**.

3. Touch ▥ **Menu** ➔ **Import/Export**.

4. Touch **Import from USB storage**, **Export to USB storage**, **Import from SD card**, **Export to SD card**, **Import from SIM card**, **Export to SIM card**, or **Share namecard via**, then follow the prompts to complete the operation.

Synchronize Contacts with Accounts

To synchronize your contacts with an account:

1. From a Home screen, touch 📇 **Contacts**.

2. Touch ▥ **Menu** ➔ **Accounts**.

3. Touch the ▭▭▭ **OFF / ON** icon to turn on **Auto-sync**. Auto-synch controls whether changes made to information on your device or on the web are automatically synchronized with each other.

4. Touch ▭ to synchronize a particular account.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly send messages to group members.

Creating a New Group

Create a new group when you add or edit a contact.

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch **Groups** above the Contacts List.
3. Touch ▭.
4. Touch the **Group name** field and use the keyboard to enter a new Group name.
5. Touch **Add member** to add a member to the group. For more information, refer to *"Adding Group Members"* on page 65.
6. Touch ▭ **Save** to save the new group name.

Tip: Contacts can belong to more than one group. Just touch the contact's **Groups** field and touch each group.

Once you create a new group, the Contacts List can be set to display only the contacts in that group. For more information, refer to *"Contacts Display Options"* on page 60.

Renaming a Group

To rename a group that you created:

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch **Groups** above the Contacts List and then touch the group you want to rename.
3. Touch ▭ **Menu ➔ Edit**.
4. Touch the **Group name** field and use the keyboard to enter a new Group name.
5. Touch **Add member** to add a member to the group. For more information, refer to *"Adding Group Members"* on page 65.
6. Touch ▭ **Save** to save the new group name.

Deleting Groups

To delete a group that you created:

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch **Groups** above the Contacts List.
3. Touch ▭ **Menu ➔ Delete**.

The groups that can be deleted display.

4. Touch **Select all** or the name of each group to delete.

5. Touch ▢ **Delete** to delete the groups. Choose from **Group only** or **Group and group members**.

Adding Group Members

To add a contact to a group, just Edit a contact's Group field. For more information, refer to *"Updating Contacts"* on page 59.

To add multiple contacts to a group:

1. From a Home screen, touch 🔲 **Contacts**.

2. Touch **Groups** and then touch the group to which you want to add members.

3. Touch ▢ **Menu** ➔ ▢ **Add member**.

   The contacts that can be added display.

4. Touch **Select all** or the name of each contact to add.

5. Touch ▢ **Done** to add the contacts to the group.

Removing Group Members

To remove contacts from a group:

1. From a Home screen, touch 🔲 **Contacts**.

2. Touch **Groups** and touch the group from which you want to remove members.

3. Touch ▢ **Menu** ➔ **Remove member**.

4. Touch **Select all** or the name of each contact to remove.

5. Touch ▢ **Done** to remove the contacts.

   Contacts are removed from the group and the group name is removed from each contact's **Group** field.

Favorites

Mark contact records with a ▢ gold star to identify them as favorites.

Adding Favorites

To add a contact to the Favorites list:

1. From a Home screen, touch 🔲 **Contacts**.

2. Touch a contact to display it.

3. Touch the ▢ **Star** next to the contact name so that it turns gold ▢.

Tip: You do not have to edit the contact to change the Starred status.

Accessing Favorites

You can view your favorites two ways for fast viewing or messaging.

To view your favorites list:

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch **Favorites** above the Contacts List.

   Only your starred contacts display.

Note: Touch **Groups** above the Contacts List and then touch **Starred in Android** to list the Favorites that are being saved on your Google account.

Removing Favorites

To remove one or more contacts from your favorites list:

1. From a Home screen, touch 🔲 **Contacts**.
2. Touch **Favorites** above the Contacts List.
3. Touch ▢ **Menu → Remove from favorites**.
4. Touch **Select all** or the name of each contact to remove.
5. Touch ▢ **Done** to remove the contacts.

To remove one contact from your favorites list:

1. From a Home screen, touch 🔲 **Contacts**.

2. Touch a contact to display it.

3. Touch the ⬜ **Star** next to the contact's name so that it turns gray ⬜ to remove it from the Favorites list.

Section 5: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your tablet provides the following message types:

- Email and Gmail Messages
- Google Talk
- Google+
- Messenger

Email

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

Configuring Email Accounts

1. From the Home screen, touch **Email**.

   – or –

   From a Home screen, touch **Apps ➔ Email**.

2. At the Set up email screen, enter an **Email address** and **Password**, then touch **Next**.

3. Your account's incoming server settings are different depending on the kind of email service for the account. If you are asked *What type of account?*, touch the type of account: **POP3 account**, **IMAP account**, or **Microsoft Exchange ActiveSync**.

   The Server settings screen displays. Enter the required settings and touch **Next**. For more information, refer to *"Incoming Server Settings"* on page 75.

4. Review the Account options screen. Available options vary, depending on the provider:

   - **Peak schedule**: Set how often to check for new email sent to this account during peak times. Options are: Push (Automatic), Manual, every 15 minutes, or every 1, 4, or 12 hours.

   - **Off-peak schedule**: Set how often to check for new email sent to this account during off-peak times. Options are: Push (Automatic), Manual, every 15 minutes, or every 1, 4, or 12 hours.

- **Period to sync email**: For Exchange ActiveSync accounts, set how to store email on the tablet. Options are: Automatic, All, 1 or 3 days, 1 or 2 weeks, or 1 month.

- **Emails retrieval size**: Set the maximum email retrieval size. Options are: Headers only, 0.5, 1, 2, 5, 10, 20, 50, or100 KB, or All.

- **Period to sync Calendar**: Set how much of the calendar for this account to sync with your tablet. Options are: 2 weeks, 1, 3, or 6 months, or All calendar.

- **Send email from this account by default**: When enabled, email from your device is automatically sent from this account.

- **Notify me when email arrives**: When enabled, you receive notifications when you receive new email sent to this account.

- **Sync Email**: When enabled, email from your account is synchronized with your device's email.

- **Sync Contacts**: When enabled, contacts from your account are synchronized with your device's Contacts.

- **Sync Calendar**: When enabled, events from your account are synchronized with your device's Calendar.

- **Sync Task**: When enabled, tasks from your account are synchronized with your device's Calendar.

- **Automatically download attachments when connected to Wi-Fi**: Enable or disable auto-download of files attached to recent messages when connected through Wi-Fi.

5. Touch **Next** to go to the next screen or touch **Previous** to go to the Apps screen.

Note: For Exchange ActiveSync accounts, the Activate device administrator? screen may appear. Read the information and touch **Activate** to continue.

6. Enter an account name for the email account just added, which is displayed on the email screen, and enter Your name, if required.

7. Touch **Done**.

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, use ▓ **Menu** ➔ **Settings**. Touch the account to display Account settings.

Adding Additional Email Accounts

To add additional email accounts:

1. From the Home screen, touch **Email**.
2. Touch **Menu** ➔ **Settings** ➔ **Add account**.
3. Enter the **Email address**, **Password**, and so on.

Managing Your Email Accounts

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

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

Managing Your Email Conversations

In addition to managing your Email account, there are options for changing the status of one or more Email conversations in an account.

1. From the Home screen, touch **Email**.

2. Touch the box to the left of one or more conversations and then choose one of the following options:
   • **Star** : Mark the conversations with a gold star and list them in the Starred folder. Touch to make the changes.

   – or –

   Flag : Touch **Set** to set all flags, touch **Complete** to mark all conversations with a blue check mark, or touch **Clear** to clear all flags and check marks. Set flags are gold.
   • **Mark as Read** / **Mark as Unread** : Mark the conversations as read or unread. Once a conversation is marked as read, it has a gray background.
   • **Move to** : Relocate the conversations to another folder in the current email account or in a folder within another email account.
   • **Delete** : Delete the conversations.
3. Touch **Menu** for these options:
   • **Sort by**: Choose a method for listing your email conversations.
   • **View mode**: Choose how to view your email conversations. Choices are: Standard view and Conversations view.
   • **Create folder**: Create a new main folder or touch an existing folder to create a sub-folder.

   Note: This option is not available for all email accounts.
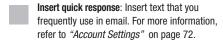
- **Delete all**: Delete all items for this email account.

- **New meeting invitation**: Use Calendar to add an event or add a task. For more information, refer to *"Creating an Event or Task"* on page 142.

- **Settings**: Display the settings for this email account. For more information, refer to *"Account Settings"* on page 72.

Composing and Sending Email

1. From the Home screen, touch ⓔ **Email**.
2. Touch an account, if you have more than one account set up, then touch ☐ **Compose**.
3. Enter the recipient's email address in the **To** field.
   - If you are sending the email message to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.
   - Touch ☐ to add a contact to the field.
   - Touch **+Cc/Bcc** to add additional carbon copy recipients.
     – Use the **Cc** field to carbon copy additional recipients.
     – Use the **Bcc** field to blind copy additional recipients.
   - Touch **+Me** to add yourself as a recipient.
4. Touch the **Subject** field to enter a subject.

5. Touch the body of the email to enter the text of your email.
6. While composing a message, the following options may be displayed:

   ☐ **Priority**: Set the email priority. Options are: High, Normal, or Low.

   ☐ **Tracking options**: Touch **Read receipt** or **Delivery receipt** and then touch **OK** to set the tracking options for this email.

   ☐ **Security options**: Set the email security options. Options are: Encrypt and Sign.

   ☐ **Attach**: Choose an attachment to add to the message from the listed apps, such as Memo, My Files, Picture, Audio, Video, and so on.

   ☐ **Undo**: Erase the previous input.

   ☐ **Redo**: Restore the previously erased input.

   ☐ **Insert**: Choose an item to insert into the message from the listed apps, such as Picture, Memo, Contacts, and so on.

Insert quick response: Insert text that you frequently use in email. For more information, refer to *"Account Settings"* on page 72.

Font size: Choose a text font size of 9, 10, 12, 14, 16, 20, 24, 28, or 36 points.

Bold: Bold the following text. Touch again to turn off bold.

Italics: This action italicizes the subsequent entered text.

Font color: Set the color of the text font. The bar changes to the selected color.

Background color: Set the color of the background of the email.

7. Touch   **Send** to send the message.

  – or –

Touch   **Save** to save the email to the Drafts folder.

Account Settings

Account settings lets you configure handling of email on your device.

Note: Available settings may depend on the email account and include setting how much email to synchronize, creating signatures for email you send, and other handling options.

1. From the Home screen, touch   **Email**.

2. Touch   **Menu → Settings**, then touch **General Preferences**. The following options display:

  • **Auto-advance**: Set the screen to show after deleting a message. Choices are: Newer message, Older message, or Message list.

  • **Message preview line**: Choose a message preview line amount. Options are: None or 1, 2, or 3 lines.

  • **Email title**: Set whether the Subject or Sender of the email is shown as the time.

  • **Confirm deletions**: Touch the box to enable or disable this option. A check mark   indicates that deletions must be confirmed.

• **Quick responses**: Edit text that you frequently use in email.

Touch an email account to display the following settings:

Common settings

• **Account name**: Enter a name to identify this account.

• **Your name**: Enter a name to be used on email.

• **Signature**: Touch the OFF / ON icon to turn Signature on or off. Touch **Signature** and enter a signature to add to email from this account.

• **Default account**: When enabled, email from your device is automatically sent from this account.

• **Always Cc/Bcc myself**: Lets you manage whether your email address is included in the Cc or Bcc lines.

• **Forward with files**: Touch the check box to include any file attachments when you forward an email.

• **Recent messages**: Limit the number of recent messages that are displayed on your device. Options are: 25, 50, 75, 100, 200, or Total.

• **Show images**: Display images in an email.

Data usage

• **Sync email**: When enabled, email from your account is synchronized with your device's email.

• **Email check frequency**: Set how often to check for new email sent to this account during. Options are: Never, every 15, or 30 minutes, every hour, every 4 hours, or once a day.

• **Auto download attachments**: Enable or disable auto-download of files attached to recent messages when connected through Wi-Fi.

• **Size to retrieve emails**: Set the maximum email retrieval size. Options are: Headers only, 2, 50, or 100 KB, All, or All including attachments.

• **Auto resend times**: Set the number of auto send times. Options are: No limit or 1, 3, 5, or 10 times.

Exchange ActiveSync settings

• **Period to sync email**: Set whether to store All, 1 or 3 days, 1 or 2 weeks, or 1 month of email on the tablet.

• **Empty server trash**: If available, indicates whether to delete the contents in the server trash.

- **Sync schedule**: Set up your peak and off-peak schedule controls, which determines when your tablet checks the email service for new email.
- **Out of office settings**: Lets you set how email is handled for a defined period of time, while you are unable to check your email.
- **Size to retrieve emails**: Set the maximum email retrieval size. Options are: Headers only, 0.5, 1, 2, 5,10, 20, 50, or 100 KB, or All.
- **Period to sync Calendar**: When enabled, events from your account are synchronized with your device's Calendar.
- **Security options**: Set various security options for the account.
- **In case of sync conflict**: Set whether to update the server or your tablet if there is a conflict of information between them.
- **Auto resend times**: Set the number of auto send times. Options are: No limit or 1, 3, 5, or 10 times.

Notification settings

- **Email notifications**: When enabled, the New Email icon appears in the Status Bar when a new email arrives.
- **Select ringtone**: Choose a ringtone for email notifications for this account.

Server settings

- **Exchange server settings**: Configure incoming server settings.

 – or –

 Incoming settings: Configure incoming server settings. For more information, refer to *"Incoming Server Settings"* on page 75.
- **Outgoing settings**: Configure outgoing server settings. For more information, refer to *"Outgoing Server Settings"* on page 75.
- **Sync Email**: When enabled, email from your account is synchronized with your device's email.
- **Sync Contacts**: When enabled, contacts from your account are synchronized with your device's Contacts.
- **Sync Calendar**: When enabled, events from your account are synchronized with your device's Calendar.
- **Sync Task**: When enabled, tasks from your account are synchronized with your device's tasks.

Incoming Server Settings

Your account's exchange or incoming server settings are different, depending on the kind of email service for the account: POP3, IMAP, or Exchange ActiveSync.

• **Domain\ User name**: If your Exchange ActiveSync server requires that you specify a domain, enter it before the backslash. Otherwise, just enter your username (the part before @emailprovider.com in your email address) after the backslash. The backslash is optional when only entering your username. The Email app enters the correct syntax for domains and usernames when communicating with the server.

• **Password**: The password for your email account, which should be filled in.

• **Exchange server / IMAP server**: The fully resolved domain name of your email service provider's server, for example, mail.emailprovider.com.

• **Use secure connection (SSL) / Security type**: Check this option if your server requires you to connect to the server securely, or if you prefer to connect securely.

• **Use client certificate**: Use a client certificate for messaging security.

• **Port**: Set the Security type first to enter the typical server port number in this field automatically. Or enter a different port number if your email service provider requires it.

• **IMAP path prefix**: Enter an IMAP path prefix, if required.

Outgoing Server Settings

If you use an IMAP or POP3 account for receiving email, you typically use an SMTP server to send email from that account. Exchange ActiveSync accounts do not have separate outgoing server settings.

• **SMTP server**: The fully resolved domain name of your email service provider's SMTP server, for example, smtp.emprovider.com.

• **Security type**: Select the security type required by your email service provider. Select the **SLL (Accept all certificates)** option for your security type to accept a server certificate from your SMTP server that is self-signed, out of date, or in some other way not accepted by the Email application.

• **Port**: Set the Security type first to enter the typical server port number in this field automatically. Or enter a different port number if your email service provider requires it.

- **Require sign-in**: Check this option to enter a username and password for your SMTP server, if your email service provider requires that you enter them to send email.
- **User name**: Your username on the SMTP server (this may not be the same as your username on the POP3 or IMAP server for incoming mail). Visible only if Require sign-in is checked.
- **Password**: Your password on the SMTP server (this may not be the same as your username on the POP3 or IMAP server for incoming mail). Visible only if Require sign-in is checked.

Gmail

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

Tip: To set up your Google account on your device, use **Accounts and sync** settings. (For more information, refer to *"Accounts"* on page 198.)

■ From a Home screen, touch **Apps** ➔ **Gmail**.

Setting Up Your Gmail Account

If you did not set up a Google account during the initial configuration, the first time you launch Gmail, your device prompts you to set up your Google account.

76

Note: You can use more than one Google account on your device. To add another account, touch **Menu** ➔ **Settings** ➔ **ADD ACCOUNT**.

1. From a Home screen, touch **Apps** ➔ **Gmail**. The Add a Google Account screen displays.

2. Touch **Existing** to sign in to an existing account.
   • At the **Sign in** screen, use the on-screen keyboard to enter your Google **Email** name and **Password**, then touch **Sign in**.

   – or –

   Touch **New** to create a new account.

   • At the **Your name** screen, enter your first and last name, and touch **Next**.
   • At the **Create email address** screen follow the prompts to create a new account.

   The Backup and restore screen displays.

3. Read the backup and restore information, touch the option to enable or disable it, and then touch **Next**.

4. The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail displays in the Inbox.

Refreshing Your Gmail Account

Refresh your account to update your device from the Gmail servers.

1. From a Home screen, touch **Apps ➔ Gmail**.

2. Touch **Refresh** in the Application Bar.

Managing Your Gmail Account

Use menu options to manage your Gmail account.

1. From a Home screen, touch **Apps ➔ Gmail**.

2. Touch **Menu** for these options:

- **Manage labels**: Determine settings for each label.
- **Settings**: Configure settings. For more information, refer to *"Gmail Account Settings"* on page 79.
- **Help**: Learn about using Gmail.
- **Send Feedback**: Fill out a Google feedback form.

Managing Your Gmail Conversations

In addition to managing your Gmail account, there are options for changing the status of one or more Gmail conversations in an account.

1. From a Home screen, touch **Apps ➔ Gmail**.

2. Touch the gray box to the left of one or more conversations and then choose one of the following options:

- **Archive** : Archive the conversations. Archived conversations are assigned to the All Mail folder.
- **Delete** : Delete the conversations. Deleted conversations are moved to the Trash folder.
- **Change labels** : Relocate the conversations to the **Inbox**, **Personal**, **Receipts**, **Travel**, or **Work** folder and then touch **OK**.
- **Mark as Read** / **Mark as Unread** : Mark the conversations as read or unread. Once a conversation is marked as read, it has a gray background. Touch **DONE** to remove the check marks.

Tip: To move a conversation to another folder, touch and drag it to the folder tab.

3. Touch **Menu** for these options:

- **Add star** / **Remove star**: Mark (or unmark) conversations with a yellow star. Starred conversations are listed in the Starred folder. Touch **DONE** to remove check marks.

- **Mark important** / **Mark not important**: Change the importance indicator . Yellow indicates important.

- **Mute**: New messages added to muted conversations bypass your inbox so that the conversation stays archived in the All Mail folder.

- **Report spam**: Report the conversations as spam, which is email that violates the Gmail Program Policies and/or Terms of Use.

- **Settings**: Configure settings. For more information, refer to *"Gmail Account Settings"* on page 79.

- **Help**: Learn about using Gmail.

- **Send feedback**: Fill out a Google feedback form.

Composing and Sending Gmail

1. From a Home screen, touch **Apps** ➔ **Gmail**.
2. Touch **Compose**.

3. Touch the **To** field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.

4. Touch the **Subject** field to enter a subject.

5. Touch **Compose email** to enter the text of your email.

6. While composing a message, the following options are displayed:

- **+ CC/BCC**: Create Cc (copy) and Bcc (blind copy) fields in the message. After creating the fields, touch to enter recipients.

- **Attach**: Launch Gallery to select a photo to add to the message.

7. Touch **Menu** for the following options:

- **Settings**: Configure settings. For more information, refer to *"Gmail Account Settings"* on page 79.

- **Help**: Learn about using Gmail.

- **Send feedback**: Fill out a Google feedback form.

8. Touch **SEND** to send this message.

 – or –

 Touch **Menu** ➔ **Save draft** to save a draft of this message.

Gmail Account Settings

1. From a Home screen, touch [ ] **Apps → [ ] Gmail**.

2. Touch [ ] **Menu → Settings** for settings:

    General settings

    • **Confirm before deleting**: Have your device prompt you to confirm Delete actions.

    • **Confirm before archiving**: Have your device prompt you to confirm archiving actions.

    • **Confirm before sending**: Have your device prompt you to confirm Send actions.

    • **Auto-advance**: Choose a screen to show after you delete or archive a conversation.

    • **Message text size**: Set the size of text in message displays.

    • **Clear search history**: Remove previous searches you performed.

    • **Hide pictures in messages**: Stops pictures from displaying automatically in messages until you allow it for a sender.

    (Gmail account settings)

    Each account has independent settings:

• **Priority Inbox**: This setting is only available if you have configured Gmail on the web to show Priority Inbox. If available, you can set Priority Inbox as the conversation list to open when you have new mail, rather than Inbox.

• **Email notifications**: When enabled, notifications for new email appear in the Status Bar.

• **Ringtone & vibrate**: If Email notifications is enabled, touch this field to set the following options:

    – **Sync messages**: Sync options are: None, Last 30 days, or All.

    – **Email notifications**: When enabled, notifications for new email appear in the Status Bar.

    – **Ringtone**: Choose a ringtone for new email notifications or use the default ringtone and then touch **OK**.

    – **Notify once**: When enabled, a notification appears in the Status Bar for new email, not for every new message.

• **Signature**: Create a text signature to add to outgoing messages.

• **Gmail sync is ON/OFF**: Indicates whether you have Gmail synchronization turned on for this account in the **Account and sync** settings. Touch to open those settings.

- **Days of mail to sync**: Set the number days to sync email for this Gmail account.
- **Manage labels**: Choose which labels are synchronized.
- **Download attachments**: Enable or disable auto-download of files attached to recent messages when connected through Wi-Fi.

About Gmail

- Displays information about the Gmail (Version, copyright information, Send feedback, Report a problem, Open source licenses, Privacy Policy).

Google Talk

Talk is Google's instant messaging and audio and video chat service. You can use it to communicate, in real time, with other people who also use Google Talk on another Android tablet or phone or on a computer.

Tip: Talk requires that you have a Google account. To set up your Google account on your device use **Accounts and sync** settings. (For more information, refer to *"Accounts"* on page 198.)

Open Talk and Sign In

1. From a Home screen, touch [ ] **Apps** ➔ [talk] **Talk**.
   If you are not signed in to a Google account, the Add a Google Account screen displays.

2. Touch **Existing**, if you already have a Google account, or **New** to create a Google account.
   For more information, refer to *"Setting Up Your Gmail Account"* on page 76.

Note: If you have already set up your Google account, you are automatically logged in. Just touch the account.

Once sign in is complete, the Talk main screen displays.

80

Invite a Friend to Chat

You can invite anyone with a Google Account to become your friend in Google Talk, so you can chat with each other and view each other's online status.

1. While viewing your Friends list, touch ▢ **Add friend**.
2. Enter your friend's address and touch **DONE**.

   Your friend's address in Talk is a Gmail or other email address that is configured to connect to Google Talk.

   If your friend accepts your invitation, they are added to your Friends list in Talk and you can share each others status in Talk and other applications.

View and Accept an Invitation to Become a Friend

When a contact invites you to become a friend in Google Talk, you receive a ▢ notification in the System Bar and the invitation displays in your Friends list.

1. Touch the invitation.

2. Touch **Accept**, if you want to accept the invitation and chat, **Decline**, if you do not want to chat with and share your Google Talk status with the sender right now, or **Block**, if you do not want to receive any more invitations from that person.

   If you touch **Accept**, the friend is added to your Friends list in Talk and you can share your status in Talk and other applications.

Talk Options

There are several options that are available while viewing your Friends list and some that are only available while you are chatting.

1. Touch ▢ to search your Talk messages or the current message for a word. Use the on-screen keyboard to enter a search term. Touch ▢ on the keyboard to search your Talk messages.
2. Touch ▢ to invite another friend to chat, ▢ to invite a friend to video chat, or ▢ to invite a friend to voice chat.

3. Touch a Friend's entry to display the Chat entries for that Friend.

4. Touch ▊ **Menu** to display the following options, which are available while viewing your Friends list and some that are only available while you are chatting.

- **Display options**: To set the way your friends list is sorted, touch **Availability**, **Name**, or **Recency**.

- **End all chats**: End all chats in which you are engaged.

- **Sign out**: Sign out of Google Talk and display the Talk main screen.

- **End chat**: End this chat session.

- **Go off the record/Stop chatting off the record**: Set whether you want to stop saving your chat to the chat history.

- **Friend info**: Display information about the friend with you are chatting. The following options are also displayed:

  – **BLOCK**: Keeps this person from sending you messages and removes the person from your Friends list.

  – **REMOVE**: Remove the friend as if you never accepted their invitation. However, the friend is not blocked.

Note: If you touch the **REMOVE** option, touch ▊ **Add friend** ➔ **Send chat invitation to,** to make the Friend visible again.

- **Add to chat**: Choose another friend to invite to this conversation.

- **Clear chat history**: Remove the history of this chat from your device.

- **Settings**: Offers various settings for Google talk. For more information, refer to *"Google Talk Settings"* on page 82.

- **Help**: Displays additional help information.

- **Send feedback**: Fill out a Google feedback form.

Google Talk Settings

Use Google Talk Settings to configure your Talk account. If you have more than one account, each maintains its own Talk settings.

1. From a Home screen, touch ▊ **Apps** ➔ 📱 **Talk**.

2. Touch ▢ **Menu → Settings**, then touch an account for options:

GENERAL

- **Mobile indicator**: Check and your friends see an outline of an android next to your name in their Friends list when you are signed into Google Talk on a tablet or phone.

- **Away when screen off**: Check to change your Talk status to Away when your screen turns off. When unchecked, your status is not changed.

- **Invitation notifications**: Show notification when a friend invitation arrives.

CHAT NOTIFICATIONS

- **IM notifications**: Set whether to open a dialog, display a notification in the System Bar, or neither, when you receive a text chat.

- **Notification ringtone**: Set a ringtone to sound, or silent, when you receive a text chat.

VOICE & VIDEO CHAT

- **Video chat notifications**: Set whether to open a dialog or display a notification in the System Bar when you are invited to a video chat.

- **Video chat ringtone**: Set a ringtone to sound, or silent, when you receive an invitation to a video chat.

- **Default video effect**: Set the video image stabilization.

ACCOUNT

- **Blocked friends**: Displays a list of friends you have blocked. Touch a blocked friend and then touch OK to unblock the friend.

- **Clear search history**: Erases your search history. No previous searches are shown until you search for new words.

- **Manage account**: Opens the Accounts and sync settings. (For more information, refer to *"Accounts"* on page 198.)

ABOUT

- **Terms & privacy**: Displays the Google Talk terms of use and privacy policies.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign in to your Google account. For more information, refer to *"Setting Up Your Gmail Account"* on page 76.

2. From a Home screen, touch **Apps**
   ➔ **Google+**.

3. Select the account to use to sign in to Google+.
   – or –

   Touch **Add account** to create another account.

   The Enrich your contacts screen displays.

4. Follow the on-screen instructions to use Google+.

5. Visit www.google.com/mobile/+/ for more information.

Messenger

With Google Messenger, you can bring groups of friends together into a simple group conversation, putting everyone on the same page. When you get a new conversation in Messenger, Google+ sends an update to your tablet.

To get started, touch the Messenger icon on the home screen of the Google+ app or use the Messenger icon on your Applications screen.

1. From a Home screen, touch **Apps**
   ➔ **Messenger**.

   The Messenger screen displays.

2. Sign in to your Google account if you are not already signed in. For more information, refer to *"Setting Up Your Gmail Account"* on page 76.

3. Select the account you want to use to sign in to Google+.

   – or –

   Touch **Add account** to create another account.

   The Enrich your contacts screen displays.

4. Follow the on-screen instructions to use Messenger.

84

Note: Uploading over a mobile network uses a data connection
and charges may apply.

5. Touch ▢ **Menu ➔ Help** and then touch a topic to
   learn more about using Google Messenger.

Section 6: Multimedia

This section describes the various multimedia applications available on your device such as Media Hub, Music Player, Google Play Music, Video Player, Play Movies & TV, Gallery, Camera, Camcorder, and Photo Editor.

For more information, refer to *"Applications and Widgets"* on page 134.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your finger tips, entertaining on the go has never been easier. You can rent or purchase your favorite content and conveniently watch anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you have never experienced it before.

Note: Media Hub service requires a Samsung account and depends on service availability.

1. From the **Apps** screen, touch 🔵 **Media Hub**.

2. Read the End-User License Agreement (EULA), touch **I agree to the Terms and Conditions**, and then touch **Accept** to continue or **Decline** to exit.

   The Media Hub screen displays.

3. To rent or buy media, you must have a Samsung account. Touch ≣ **Menu ➔ My Profile** to sign in to your Samsung account or to create an account. Follow the prompts to complete log-in.

4. Browse content using these options:
   • **What's new**: Recently-added titles for rent or purchase.
   • **Movies**: Movies you can rent or purchase.
   • **TV Shows**: TV shows you can rent or purchase.
   • **My Media**: Content you have previously purchased or rented.

86

5. When you find media you want to view, use these options:
   • **View trailer**: View a short clip from the movie or show.
   • **Buy**: Purchase the media for unlimited viewing on your device. Follow the prompts to enter payment details.
   • **Rent**: Purchase a time-limited download of the media. Follow the prompts to enter payment details.
6. For additional information about Media Hub, touch ≡ **Menu → Help**.

Media Hub Notices

• Any media item (Media Content) may be rented or purchased after you create an account in Media Hub.
• Media Content that is downloaded may be viewed concurrently on up to five (5) devices with Media Hub that are also registered to the same account.
• You may choose to remove a device from your account no more than once every 90 days.
• You may remove Media Content from a device as many times as you like. You will have the ability to re-download the Media Content at a later point in time subject to content re-download availability and studio permissions.

• You MUST be in network coverage to license Media Content you have acquired through the Service.
• You can use 3G, 4G, or Wi-Fi connectivity in order to download Media Content.
• Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account.
• Media Content is downloaded and saved onto the SD card.
• Your Media Content may pause/stop or not download in networks where there is a weak signal.
• You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
• You must finish watching rented Media Content within 24 consecutive hours of start of playback.
  – Stopping, pausing, or restarting rented Media Content does not extend the available viewing time.

– In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (e.g., if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).

• You cannot play any media content downloaded from Media Hub through any output on your mobile device, including All Share.

Game Hub

Samsung Game Hub is a premium game service that lets you play, connect and share games. Game Hub comes pre-packed with popular social games and with a variety of premium HD games that have been optimized for your Samsung device with its blazing fast Quad Core processor and SUPER AMOLED Plus screens.

Note: Game Hub service requires a Samsung account and depends on service availability.

1. From the **Apps** screen, touch **Game Hub**. A **Disclaimer** screen appears.

2. Read the Game Hub disclaimer text and press **Confirm**. The **Game Hub** screen appears showing the following games menus: **Social Games**, and **Premium Games**, and **Installed games**.

3. For more information, touch **More games** in either the **Social Games** (launches Samsung Apps) or the **Premium Games** (launches the **More games** pop-up) menu.

4. Follow the prompts to select a game to download. For each game you select, a **Details** screen appears. The following options are available:

- **Search**:
- **Account information**:
- **Game categories**:
- **Menu**:
  - **Settings**:
  - **Terms and conditions**:
- **Download**:
- **Launch**:
- **Share**: You can choose to share games over Facebook or Twitter.

5. To begin downloading the game, touch **Download**. After downloading completes, the game should be installed automatically.

6. To begin playing the game:

- Touch **Launch**.

  – or –

- Touch 🔙 **Back**, then touch the new game's icon in the **Installed games** menu.

Music Player

Music Player plays music and other audio files that you copy from your computer.

1. From a Home screen, touch ▦ **Apps**
   ➔ ▶ **Music Player.**

   The Music Player application searches your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays your music in several ways.

2. Touch **Songs**, **Playlists**, **Albums**, **Artists**, **Genres**, **Folders**, **Composers**, **Years**, or **Music square** to change the way you view the contents of your library.

3. Touch the Music application icon ▶ at the top-left of the Application bar to return to the previous Music screen.

Managing Your Music
Searching for Music

To find music in your library:

1. From a Home screen, touch ▦ **Apps**
   ➔ ⊙ **Music Player**.
2. Touch ▢ **Search**.
3. Type the name of an artist, album, or song.
   Matching songs are displayed in a list below the search box.
4. Touch a matching song to play it. Touch a matching album, or artist to view a list of its songs.

Creating a Playlist

1. From a Home screen, touch ▦ **Apps**
   ➔ ⊙ **Music Player** ➔ **Playlists**.
2. Touch ▢ ➔ **New playlist**.
3. Touch the name field to enter a name for the playlist.
4. Touch **OK** to save the new playlist.

Renaming a Playlist

1. From a Home screen, touch ▦ **Apps**
   ➔ ⊙ **Music Player**.
2. Touch **Playlists**, touch a playlist, and then touch
   ▤ **Menu** ➔ **Rename playlist**.
3. Touch the name field to enter a new name for the playlist.
4. Touch **OK** to save the new playlist.

Adding Songs to Playlists

1. From a Home screen, touch ▦ **Apps**
   ➔ ⊙ **Music Player**.

2. Touch ▨ and touch a playlist.

   – or –

   Touch **Playlists**, touch a playlist, and then touch
   ▨ **Add music**.

   All songs are displayed.

3. Touch ▨ next to each song you want to add or next to
   Add all to add all songs to the playlist.

   The songs appear under the playlist to the right of the
   songs list.

4. Touch **Done** to save the playlist.

Removing Songs from Playlists

1. From a Home screen, touch ▦ **Apps**
   ➔ ▶ **Music Player**.

2. Touch ▨ and touch a playlist.

   All songs are displayed to the left of the playlist and the
   songs in the playlist are displayed on the right, under
   the playlist name.

3. Touch ▨ to remove a song from the playlist.

4. Touch **Done** to save the playlist.

Changing the Order of a Playlist

1. From a Home screen, touch ▦ **Apps**
   ➔ ▶ **Music Player**.

2. Touch **Playlists** and touch a playlist.

3. Touch ▨ **Reorder** to change the order of the songs.
   Touch the grid ▨ on an entry and drag the entry to a
   new position in the list.

4. Touch **Done** to change the order and save the playlist.

Playing a Playlist

1. From a Home screen, touch ▦ **Apps**
   ➔ ▶ **Music Player**.

2. Display the **Playlists** library view.

3. Touch **Favorites**, **Most played**, or **Recently added**, or
   touch a playlist title that you created.

4. Touch a song to start playing the playlist at that song.

Deleting a Playlist

1. From a Home screen, touch ▦ **Apps**
   ➔ ▶ **Music Player**.

2. Touch **Playlists** and touch a playlist.

3. Touch ▨ **Delete** in the Application bar.

Multimedia   91

4. Touch the box next to a playlist title. A check mark indicates the playlist is to be deleted.

5. Touch **Remove** and then touch **OK** to delete the selected playlist.

Changing Music Settings

To change settings in the Music application:

1. From a Home screen, touch ⚏ **Apps**
   ➔ ▶ **Music Player**.

2. Touch ☰ **Menu** to display the following options:
   • **Delete**: Touch the box for any song or album you want to delete or touch the box for **Select all** to select every song or album. A check mark indicates the song or album is to be deleted. Touch **Delete** to delete the selected items.
   • **Share via**: Share your music by using Group Cast, Bluetooth, Wi-Fi Direct, Gmail, or Email. Select the songs you want to share and touch **Share**.
   • **Set as alarm tone**: Choose a song and touch **Set** to use the song as an alarm tone.
   • **Scan for nearby devices**: Discover and connect directly to nearby devices.

• **Settings**: The following settings display:
  Advanced
  – **Sound settings**: Choose **SoundAlive** and **Play speed** settings.
  – **Lyrics**: Display the lyrics of the song, if available.
  – **Music auto off**: Set the option Off or set your music to turn off automatically after 15 minutes, 30 minutes, 1 hour, 1 hour and 30 minutes, or 2 hours.
  Music menu
  – **Music menu**: Enable or disable the music display options that appear on the main music screen. A check mark next to an option means that it is enabled.

Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset or through a wireless Bluetooth stereo headset.

For more information, refer to *"Bluetooth"* on page 122.

Touch the **Volume Key** on the side of the device to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

Playing Music

To play a song:

1. From a Home screen, touch ▦ **Apps**
   ➔ 🔵 **Music Player**.

2. Touch a song in your library to listen to it.

   – or –

   While viewing a list of albums or genres, touch the album thumbnail and then touch a song in the list of songs on the album.

   The song you touch starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Accessing the Music Player

If you navigate away from the **Music Player** application and music is playing, you can change songs or easily return to the Music Player:

1. Touch the Music notification icon ▯ in the System Bar.

2. In the Status Details, touch the song title to display the Music Player. You can also pause and resume playback and skip to the next or previous song in the panel. For more information, refer to *"Notifications"* on page 35.
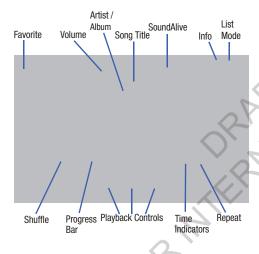
Using the Music Player

Music Player plays music and other audio files that you copy from your computer.

1. From a Home screen, touch ▦ **Apps**
   ➔ 🔵 **Music Player**.

2. Touch a song or playlist to begin playback.

   The music player displays below (portrait mode) or to the right (landscape mode) of the music listing.

3. Touch the music player to enlarge it and touch the screen to display the sound and playlist controls.

Favorite   Volume   Artist / Album   Song Title   SoundAlive   Info   List Mode

Shuffle   Progress Bar   Playback Controls   Time Indicators   Repeat

4. During playback, use the sound and playlist controls:

• **Favorite**: Touch the star ☐ to mark the current song as a favorite.

• **Volume**: Touch to toggle Silent mode and Sound mode, then touch and drag the scale to set volume. You can also press the Volume Key on the side of the device to adjust playback volume.

• **SoundAlive**: Touch to view and set SoundAlive options.

• **Info**: Touch to view information about the current song.

• **List Mode**: Touch to switch to the list of songs.

• **Shuffle**: When enabled, songs play in random order. When disabled, songs play in the order they appear in List view.

• **Progress Bar**: Touch and drag the end of the progress bar to scan forward or backward through the current song.

• **Playback Controls**: These buttons control the playback of songs:

   – Touch ☐ to advance to the next song. Touch and hold ☐ to scan forward through the current song.

   – Touch ☐ to go back to the previous song. Touch and hold ☐ to scan backward through the current song.

   – Touch ☐ to pause playback. Touch ☐ to resume playback.

• **Repeat**: Touch to repeat the current song, repeat all songs, or disable repeat mode.

Options While Playing a Song

There are various options and controls available while a song is playing:

1. From a Home screen, touch ▦ **Apps**
   ➔ ⊙ **Music Player**, touch a song or an album, and then a song.
2. Touch the music player to enlarge it.
3. Touch ☰ **Menu** to display the following options:
   • **Add to playlist**: Add the song to a new playlist or an existing playlist.
   • **Via Bluetooth**: Play the current song by using a Bluetooth device.
   • **Share via**: Share the current song by using Group Cast, Bluetooth, Wi-Fi Direct, Gmail, or Email.
   • **Set as alarm tone**: Use the current song as an alarm tone.
   • **Scan for nearby devices**: Discover and connect directly to nearby devices.
   • **Settings**: Displays Music Player settings. For more information, refer to *"Changing Music Settings"* on page 92.

Video Player

Your device's 10.1-inch 1280x800 WXGA TFT (PLS) LCD screen provides playback of videos. Use Video Player to view and manage videos stored on your tablet.

Tip: Video Player displays by default as a Primary shortcut on a Home screen.

1. From a Home screen, touch ▶ **Video Player**.
   – or –

   From a Home screen, touch ▦ **Apps**
   ➔ ▶ **Video Player**.
2. Touch the **Thumbnails**, **List**, or **Folders** tab.
3. Touch ▢ **Search** and use the keyboard to enter a search term. The current folder is searched and results are displayed. Touch **X** to remove the search field.
4. While viewing the list, touch ☰ **Menu** for options:
   • **List by**: Display videos by Name (default), Date, Size, or Type.
   • **Share via**: Share the video with Google+, Bluetooth, Wi-Fi Direct, YouTube, Gmail, or Email.

- **Delete**: Touch videos to select them for deletion or touch **Select all** to delete all videos. Touch **Delete** to deleted the selected videos.
- **Auto play next**: Touch to enable or disable automatic playing of videos in the order they appear.
- **Scan for nearby devices**: Discover and connect directly to nearby devices.

5. Touch a video to play it. While playing a video, touch the screen to display or hide on-screen playback controls.

6. Touch the icon in the upper left corner of the display screen while the video is playing to change the Display Mode from original size to full screen in ratio or full screen.
   - **Original Size** ( ): Changes the display mode to the original size.
   - **Full-Screen in Ratio View** ( ): Changes the display mode to the full-screen in ratio option. The video is enlarged as much as possible without becoming distorted.

- **Full-Screen View** ( ): Changes the display mode to full screen. That is, the entire screen is used, which may cause some minor distortion.

7. Touch   **SoundAlive** to set the sound quality to Normal, Voice, Movie, or Virtual 7.1 ch.

8. While the video is playing, touch   **Bookmark** to mark your favorite areas of the video. A yellow mark displays on the progress bar.

9. During playback, press ▤ **Menu** for options:

- **Share via**: Send the video by Google+, Bluetooth, Wi-Fi Direct, YouTube, Gmail, or Email.
- **Chapter preview**: If chapter information is recorded in the video file, display the chapters. Touch a chapter to begin playing the video at that point.
- **Trim**: Trim the original video or trim the video and create a new video.
- **Via Bluetooth**: Turn Bluetooth on to use Bluetooth services.
- **Video Maker**: Open this video in the Video Maker app. For more information, refer to *"Video Editor"* on page 161.
- **Bookmarks**: If bookmarks have been set for this video, a thumbnail and time are displayed for each bookmark. Touch to remove a bookmark.
- **Details**: Provides details about the video, such as Name, Size, Resolution, Duration, Format, and Date modified.
- **Time set for auto video off**: Automatically turn off the video. Options are: Off, After playing, After 15 min, After 30 min, After 1 hour, After 1 hour 30 min, or After 2 hours.

- **Scan for nearby devices**: Discover and connect directly to nearby devices.
- **Settings**: Touch this option to view the following:
  - **Play speed**: Touch and drag the slider to decrease or increase play speed.
  - **Subtitles**: View subtitles for the video, if available.
  - **Auto play next**: Enable or disable auto play of the next video.

For more information, refer to *"Playing Videos"* on page 101.

Play Movies & TV

The Play Movies & TV app is available for select Android devices. Any movie you rent from the Google Play™ Store can be downloaded for offline viewing through this application. In addition, the Play Movies & TV app can be used to stream your Google Play™ movie rentals as well as play any of your personal videos stored on your tablet.

1. From a Home screen, touch ▦ **Apps**
   ➔ ▶ **Play Movies & TV**.

2. For more information touch ▤ **Menu** ➔ **Help**.

Gallery

Your device's 10.1-inch 1280x800 WXGA TFT (PLS) LCD screen provides a high-resolution display of photos and videos.

Use Gallery to view, capture, and manage photos and videos.

Selecting Photos and Videos to View

1. From a Home screen, touch ![icon] **Gallery**.

   – or –

   From a Home screen, touch ![icon] **Apps ➔** ![icon] **Gallery**.

   All albums display.

2. Touch **Albums** to display other ways to group your photos and videos. Options are:
   • **Albums**: Based on the folder in which they are stored.
   • **Locations**: Based on where taken.
   • **Time**: Based on the time taken.

3. Touch ![icon] **Camera** to launch the Camera app.

4. Touch ![icon] **Menu** to display the following options:
   • **Select album / Select group:** Touch one or more albums or groups that you want to share, stream to another device, or delete.
   • **Scan for nearby devices**: Discover and connect directly to nearby devices.

Viewing Groups of Photos and Videos

1. From a Home screen, touch ![icon] **Gallery**.

2. Touch a category and then a group to view it.

   Thumbnails for each photo and video in the group display.

3. Touch ![icon] **Slideshow** to view a slideshow of the available pictures and videos.

4. Touch ![icon] **Menu** for these options:
   • **Select item:** Touch one or more items that you want to share, stream to another device, or delete.
   • **Group by**: Further group this group by Location, Time, Person, or Group, depending on the way you chose the group.

Viewing Photos and Videos

1. From a Home screen, touch ![Gallery icon] **Gallery**.
2. Touch a category and then a group to view it, and then touch a photo or video thumbnail.
3. Touch the screen to show or hide Gallery options.
4. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to *"Pinch"* on page 34.
5. Sweep across the screen to display the next or previous photo or video. (Videos are indicated by the ![Play] **Play** button.) The current photo or video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo or video it represents.
6. Touch ![Share] **Share** to use Group Cast (photos), Picasa (photos), Photo editor (photos), Google+, Bluetooth, Wi-Fi Direct, YouTube (videos), Gmail, or Email to share the photo or video.

7. Touch ![Slideshow] **Slideshow** to view a slideshow of photos and video thumbnails in the group. Touch the screen to stop the slideshow and view the photo or video being displayed.
8. To delete the photo or video being displayed, touch ![Delete] **Delete** and then touch **OK** to delete the item or **Cancel** to exit.
9. Touch ![Menu] **Menu** to display the following options for photos:
   • **Copy to clipboard**: Copy the current photo to the clipboard.
   • **Rotate left**: Allows you to rotate the photo counterclockwise 90 degrees.
   • **Rotate right**: Allows you to rotate the photo clockwise 90 degrees.
   • **Crop**: Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done**. Touch **X** to stop without cropping the photo.
   • **Edit**: Use Photo studio or Video Maker to edit your photo or video.

- **Set as**: Assign the photo as a Contact photo, Home screen, Lock Screen, or Home and lock screens.
- **Print**: Print the current photo to a Samsung printer.
- **Show on map**: This option displays if a Location exists for the photo. A Location is added to the photo if **GPS tag** is set **On** in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. For more information, refer to *"Camera Settings"* on page 103.

Caution! Be aware that your location may be present on a photo when posting your photos on the Internet.

- **Rename**: Enter an new file name.
- **Scan for nearby devices**: Discover and connect directly to nearby devices.
- **Details**: Provides details about the photo such as Title, Time, Location, Width, Height, File Size, and so on. Touch the **Close** to close the pop-up.

Note: Photos are stored in the /Root/sdcard/DCIM/Camera folder as jpg files. For more information, refer to *"My Files"* on page 153.

100

There is only two options for videos that are not playing:

- **Rename**: Enter an new file name.
- **Details**: Provides details about the video such as Title, Time, Duration, File Size, and so on. Touch the **Close** to close the pop-up.

For menu options while a video is playing and other video options, see *"Video Player"* on page 95.

Note: Videos are stored in the /Root/sdcard/DCIM/Camera folder as mp4 files. For more information, refer to *"My Files"* on page 153.

10. Press ◁ **Back** to return to the category screen.

Setting a Picture As

You can use the photos you take as a contact's photo or as wallpaper for the Home or Lock screen:

1. From a Home screen, touch ▦ **Gallery**.

2. Touch a category and then a group to view it, and then touch a photo to select it.

3. Touch ▤ **Menu** ➔ **Set as**.

4. Touch **Contact photo** and then touch a contact entry.

 – or –

 Touch **Home and lock screens**, **Home screen wallpaper**, or **Lock screen wallpaper**.

 The **Crop picture** screen displays.

5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done** to save the cropped photo as the contact's icon or wallpaper. Touch **Cancel** to stop without cropping the photo.

Tip: To remove a contact photo, see *"Updating Contacts"* on page 59.

Tip: To change wallpaper, see *"Wallpapers"* on page 43.

Playing Videos

1. From a Home screen, touch ![Gallery icon] **Gallery**.

2. Touch a category and then a group to view it, and then touch a video thumbnail to play the video.

Note: Videos are marked with a ![Play icon] **Play** button.

3. Touch ![Pause icon] **Pause** to pause the video.

4. Touch ![Resume icon] **Resume** to resume playing the video.

5. Touch and drag the ![white dot] white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

 – or –

 Touch ![Rewind icon] **Rewind** to restart the video or ![Fast Forward icon] **Fast Forward** to end the video.

 For more information, refer to *"Video Player"* on page 95.

Sharing Photos and Videos

Share photos and videos with your friends.

1. From a Home screen, touch ![Gallery icon] **Gallery**.
2. Touch a category and then a group to display thumbnails.
3. Touch ![Menu icon] **Menu ➔ Select item**.
4. Touch one or more photos and videos to highlight them for sharing.
5. Touch ![Share icon] **Share**.
6. Touch **Group Cast** (photos only), **Picasa** (photos only), **Photo editor** (photos only), **Google+**, **Bluetooth**, **Wi-Fi Direct**, **YouTube** (videos only), **Gmail**, or **Email**, then follow the prompts.

Camera

Use your device's built-in camera and camcorder to take photos and record videos.

Tip: Camera displays by default as a Primary shortcut on the Home screen.

1. From the Home screen, touch ![Camera icon] **Camera**.

   – or –
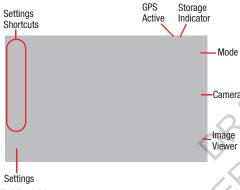
   From a Home screen, touch ![Apps icon] **Apps ➔** ![Camera icon] **Camera**.

   If a memory card is inserted, the Storage setting pop-up displays.

2. Touch **OK** to change the storage setting to memory card.

   – or –

   Touch **Cancel** to use the device storage for storing pictures and videos.

Note: If memory card storage is used, photos are stored in the /Root/extSdCard/DCIM/Camera folder as jpg files. For more information, refer to *"My Files"* on page 153.

The Camera screen displays.

Settings Shortcuts

GPS Active

Storage Indicator

Mode

Camera

Image Viewer

Settings

Taking Photos

To take a photo:

1. From the Home screen, touch 🔘 **Camera**.
2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.

   To configure settings, see *"Camera Settings"* on page 103.

3. To take the photo, touch the **Camera** button.
4. Touch 🔙 **Back** to leave the Camera and display the previous screen.

Important! Do not take photos of people without their permission.

Do not take photos in places where cameras are not allowed.

Do not take photos in places where you may interfere with another person's privacy.

Camera Settings

Before you start taking photos, use the camera settings to configure the camera for best results. Camera settings are represented by icons on the left side of the screen.

Editing Camera Settings Shortcuts

The first five icons are actually shortcuts to camera settings. These five shortcuts can be customized to fit your preference.

 Self-portrait, **Shooting mode**, **Timer**, **Effects**, and **Exposure value** are default settings shortcuts.

To customize these shortcuts:

1. Touch ▢ **Settings** ➔ **Edit shortcuts**.

   – or –

   Touch and hold any of the shortcut icons to edit them.

2. Touch and hold a setting, then drag and drop it on one of the five settings shortcuts to the left. The replaced setting shortcut displays in the edit list.

Configuring Camera Settings

To configure Camera settings:

■ While in Camera mode, touch a settings shortcut or touch ▢ **Settings** to configure the following camera settings:

   • **Edit shortcuts**: Customize your settings shortcuts. For more information, refer to *"Editing Camera Settings Shortcuts"* on page 103.

   • **Self-portrait**: Touch to switch to the front-facing camera lens and take a photo of yourself.

• **Shooting mode**: Choose an automatic shooting mode, from:

   – **Single shot**: Take a single photo.

   – **Smile shot**: Touch the Camera button to automatically focus on the subject's face and take the photo.

   – **Panorama**: Touch the Camera button to take a photo, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.

• **Scene mode**: Choose an automatic scene mode from None, Landscape, Night, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall Color, Firework, Candlelight, or Backlight.

• **Exposure value**: Use the slider to set the exposure value from -2.0 to +2.0.

• **Timer**: Set a timer for how long to wait before taking a photo. Options are: Off, 2 sec, 5 sec, and 10 sec.

• **Effects**: Apply an effect to photos. Options are: No effect, Negative, Black and white, or Sepia.

- **Resolution**: Set a size for the image. Options are: 3.2M (2048x1536), w2.4M (2048x1152), 2M (1600X1200), w1.3M (1536x864), 1.3M (1280x960), w0.9M (1280x720), or 0.3M (640x480).
- **White balance**: Set the light source. Options are: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- **Metering**: Set how the camera measures or meters the light source: Center-weighted, Spot, or Matrix.
- **Guidelines**: Enable or disable an on-screen grid to aid in photo composition.
- **GPS tag**: Enable or disable tagging of photos with your GPS location.   displays on the screen when this option is active.

Caution! Be aware that your location may be present on a photo when posting your photos on the Internet.

- **Shutter sound**: Enable or disable a shutter sound when you take a photo. Options are: Off or On.
- **Storage**: Set whether to store photos on your device or on your memory card.
- **Reset**: Reset all Camera settings to the defaults. Touch **OK**.

Viewing Photos with the Image Viewer

After taking a photo, use the Image Viewer to view, share, delete, or edit photos.

1. Touch **Image Viewer** to view the photo.
2. Touch the screen to show or hide Image Viewer options.
3. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to *"Pinch"* on page 34.
4. Sweep across the screen to display the next or previous photo. The current photo is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo it represents.
5. Touch   **Share** to use Group Cast, Picasa, Photo editor, Google+, Bluetooth, Wi-Fi Direct, Gmail, or Email to share the photo.
6. Touch   **Slideshow** to display a slide show of the available pictures and videos.
7. To delete the photo being displayed, touch   **Delete** and then touch **OK** to delete the photo or **Cancel** to exit.

Multimedia   105

8. Touch ▤ **Menu** to select **Set picture as** to assign the photo as a Contact photo, Home and lock screens, Home screen wallpaper, or Lock screen wallpaper.

For more information, refer to *"Viewing Photos and Videos"* on page 99.

Note: Photos are stored in the /Root/sdcard/DCIM/Camera folder as jpg files. For more information, refer to *"My Files"* on page 153.

---
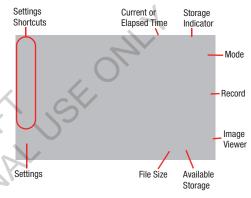
9. Press ◁ **Back** to return to the Camera to take more photos.

Camcorder

Use your device's built-in Camcorder to record high-definition video in 1080p resolution.

1. From the Home screen, touch 📷 **Camera**.
2. Slide the ▨ **Mode** button to the ▨ **Camcorder** setting.

   The Camcorder screen displays.

106

Settings Shortcuts · Current or Elapsed Time · Storage Indicator · Mode · Record · Image Viewer · Settings · File Size · Available Storage

Recording Videos

1. From the Home screen, touch 📷 **Camera**.
2. Slide the ▨ **Mode** button to the ▨ **Camcorder** setting.
3. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.

   To configure settings, see *"Camcorder Settings"* on page 107.

4. To start recording, touch   **Record**.

   During recording, a white square appears on the **Record** button.

5. Touch   **Record** to stop recording.

6. Touch   **Back** to leave the Camcorder and display the previous screen.

Important! Do not take videos of people without their permission.

Do not take videos in places where cameras are not allowed.

Do not take videos in places where you may interfere with another person's privacy.

Camcorder Settings

Before you start taking videos, use the camcorder settings to configure the camcorder for best results. Camcorder settings are represented by icons on the left side of the screen.

Editing Camcorder Settings Shortcuts

As with the camera, the first five icons are actually shortcuts to camcorder settings. These five shortcuts can be customized to fit your preference.

   Self-recording,   **Recording mode**,   **Timer**,

   Effects, and   **Exposure value** are default settings shortcuts.

To customize these shortcuts, see *"Editing Camera Settings Shortcuts"* on page 103.

Configuring Camcorder Settings

To configure Camcorder settings:

■ While in Camcorder mode, touch a settings shortcut or touch   **Settings** to configure the following Camcorder settings:

- **Edit shortcuts**: Customize your settings shortcuts. For more information, refer to *"Editing Camera Settings Shortcuts"* on page 103.

- **Self-recording**: Touch to switch to the front-facing camera lens and record a video of yourself.

- **Recording mode**: Set a recording mode. Options are: Normal and Limit for email, which limits the size of the video to 50 megabytes.

- **Exposure value**: Use the slider to set the exposure value from -2.0 to +2.0.

- **Timer**: Set a timer for how long to wait before recording a video. Options are: Off, 2 sec, 5 sec, and 10 sec.

- **Effects**: Apply an effect to videos. Options are: No effect, Negative, Black and white, or Sepia.

- **Resolution**: Set a size for the video. Options are: 1280x720, 720x480, 640x480, or 320x240.

- **White balance**: Set the light source. Options are: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.

- **Guidelines**: Enable or disable an on-screen grid to aid in video composition.

- **Storage**: Set whether to store you videos on your device or on your memory card.

- **Reset**: Reset all Camera settings to the defaults. Touch **OK**.

Viewing Videos with the Image Viewer

After recording a video, use the Image Viewer to play, share, or delete your video.

1. Touch **Image Viewer** to view the video.

2. Touch the screen to show or hide Image Viewer options.

3. Sweep across the screen to display the next or previous video. The current video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the video it represents.

4. Touch   **Share** to use Google+, Bluetooth, Wi-Fi Direct, YouTube, Gmail, or Email to share the video.

5. Touch   **Slideshow** to display a slide show of the available pictures and videos.

6. To delete the video being displayed, touch   **Delete** and then touch **Delete** to delete the video or **Cancel** to exit.

Note: Videos are stored in the /Root/sdcard/DCIM/Camera folder as mp4 files. For more information, refer to *"My Files"* on page 153.

7. To play a video, touch [ ] **Play**. Touch [ ] **Pause** to pause the video and touch [ ] **Resume** to resume playing the video.

8. Touch and drag the [ ] white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

   – or –

   Touch [ ] **Rewind** to restart the video or [ ] **Fast Forward** to end the video.

9. Touch [ ] **SoundAlive** to set the sound quality to Normal, Voice, Movie, or Virtual 7.1 ch.

10. Press [ ] **Back** to return to the Camcorder.

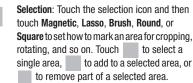For more information, refer to *"Video Player"* on page 95.

Photo Editor

The Photo editor application provides basic editing functions for photos that you take on your device. Along with basic image tuning like brightness, contrast, and color, it also provides a wide variety of effects used for editing the photo.
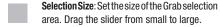
1. From a Home screen, touch [ ] **Apps**
   ➔ [ ] **Photo editor**.

2. Touch **Select picture** to edit a photo in your Gallery.
   – or –
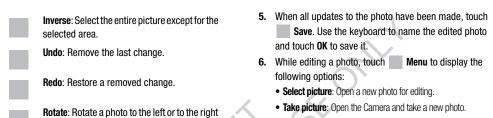
   Touch **Take picture** to take a photo with the camera.

3. Touch the photo to load it into the Photo editor.

4. Use the following Photo editor controls to edit your photo:

   [ ] **Selection**: Touch the selection icon and then touch **Magnetic**, **Lasso**, **Brush**, **Round**, or **Square** to set how to mark an area for cropping, rotating, and so on. Touch [ ] to select a single area, [ ] to add to a selected area, or [ ] to remove part of a selected area.

   [ ] **Selection Size**: Set the size of the Grab selection area. Drag the slider from small to large.

Inverse: Select the entire picture except for the selected area.

Undo: Remove the last change.

Redo: Restore a removed change.

Rotate: Rotate a photo to the left or to the right or create a mirror image of the photo.

Resize: Touch and then drag the corners of the photo to resize it.

Crop: Touch to crop (cut-out) an area of a photo.

Color: Set the **Auto adjustment**, **Exposure**, **Saturation**, **Contrast**, **Brightness**, and **Hue** of a photo. You can also make it **Grey-scale** or add a **Temperature** effect.

Effects: Add various effects to your photo, such as **Blur**, **Motion**, **Distortion**, **Filter**, or **Frames**.

Tools: Copy and Paste to another image or to the original image. You can use the Spot healing option.

5. When all updates to the photo have been made, touch ▢ **Save**. Use the keyboard to name the edited photo and touch **OK** to save it.

6. While editing a photo, touch ▢ **Menu** to display the following options:

   • **Select picture**: Open a new photo for editing.

   • **Take picture**: Open the Camera and take a new photo.

   • **Share via**: Send photos to another device or another person. Options are: Bluetooth, Email, Gmail, Google+, Group Cast, Picasa, or Wi-Fi Direct.

   • **Set as**: Use this photo as a **Contact photo**, a **Home and lock screens**, **Home screen wallpaper**, or **Lock screen wallpaper** image.

Games

Real Racing 2

Real Racing 2 is a high definition, 3D racer that has you racing as a Rookie on a racing circuit.

Tip: A shortcut to Real Racing 2 displays on a Home screen by default.

1. From a Home screen, touch   **Real Racing 2**.

   – or –

   From a Home screen, touch <img> **Apps**
   ➔   **Real Racing 2**.

2. The first time you access this game touch **DOWNLOAD** to download the game and play.

3. Enjoy the game!

Section 7: Connections

This section describes the various connections your device can make including accessing the Internet with your Browser, Wi-Fi, Bluetooth, and Connecting to your PC.

Internet

The **Internet** browser is your access to the mobile web. This section explains how to navigate Internet and introduces you to the basic features.

Accessing the Web

Your device is equipped with a full HTML Browser that allows you to access the Internet.

Tip: By default, an **Internet** shortcut appears on the Home screen.

■ From the Home screen, touch 🌐 **Internet**.

 – or –

 From a Home screen panel, touch 🔳 **Apps** ➔ 🌐
 Internet.

 The Most visited screen displays.

Navigating the Internet

The following options are available for Internet navigation.

Command Keys

● Touch ⬅ **Back** or ▢ to return to the previous page.

● Touch and hold ⬅ **Back** to display browser History. For more information, refer to *"Accessing Bookmarks and History"* on page 115.

- Touch **Forward** to go forward to a recent page.

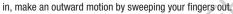- Touch **Refresh** to reload the current page.

Touching and Dragging

- Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

Entering Text in a Field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

Zoom

- Tap the screen twice to zoom in or out.

- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.

Tip: For convenient browsing, you can rotate the device to landscape mode.

Selecting Items On a Page

While browsing, use gestures and menus to navigate:

- Touch an item to select it.

- Touch a hyperlink to follow the link.

- Touch and hold on a hyperlink for these options:
  - **Open**: Open the linked page.
  - **Open in new tab**: Open a new window to display the linked page.
  - **Save link**: Save the linked page to Download history.
  - **Copy link URL**: Save the link's URL to the clipboard.
  - **Select text**: Copy the link text to the clipboard.

- Touch and hold an image for the additional options:
  - **Save image**: Download an image. View downloaded images in Gallery.
  - **Copy image**: Copy an image to the clipboard.
  - **View image**: View the image source.
  - **Set as wallpaper**: Use the image as your home screen wallpaper.

Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

1. From the Home screen, touch 🌍 **Internet**.

2. To open a new window, touch ▢ at the top of the screen.

3. To switch to another open window, touch its tab at the top of the screen.

4. To delete an open window, touch the tab at the top of the screen, and then touch ▢.

Entering a URL

Access a website quickly by entering the URL.

1. From the Home screen, touch 🌍 **Internet**.

2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.

   As you enter characters, potential matches display.

Note: Use the ▢ **Delete** key to clear the URL field, if necessary.

3. Touch a match to complete the URL.

   – or –

   Continue entering characters and touch the **Go** key to load the page.

Copying Fields or Text

Copy information from a webpage to the clipboard for pasting, searching, or sharing.

Selecting, Copying, and Pasting Text

1. From the Home screen, touch 🌍 **Internet**.

2. Browse to a webpage.

3. On the webpage, touch and hold on the text until you see the text you want highlighted, then stop touching the screen.

   The text is highlighted.

4. Touch and drag the ▢ ▢ tabs to the left or right to select more or less text.

5. Touch **Copy** at the top of the screen to copy the selected text or touch **Done** to stop.

6. To paste the copied text, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste** in the pop-up.