My Samsung Galaxy S® 4

Steve Schwartz

FREE SAMPLE CHAPTER

SHARE WITH OTHERS

My Samsung Galaxy S® 4

Steve Schwartz

que®
800 East 96th Street,
Indianapolis, Indiana 46240 USA

My Samsung Galaxy S® 4

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Contents at a Glance

	Introduction	1
Chapter 1	Galaxy S 4 Essentials	5
Chapter 2	Understanding the Android/TouchWiz Interface	39
Chapter 3	Making the Phone Your Own	63
Chapter 4	Placing and Receiving Calls	99
Chapter 5	Managing Contacts	137
Chapter 6	Using the Calendar	171
Chapter 7	Browsing the Web	195
Chapter 8	Sending and Receiving Email	219
Chapter 9	Messaging, Chatting, and Socializing	253
Chapter 10	Installing and Using Applications	283
Chapter 11	Using GPS Apps	315
Chapter 12	Playing and Managing Music	327
Chapter 13	Shooting, Editing, and Sharing Photos	347
Chapter 14	Watching and Creating Videos	379
Chapter 15	Transferring and Sharing Files	401
Chapter 16	Synchronizing Data	433
Chapter 17	Securing the Phone	447
Chapter 18	Powering Other Devices	467
Chapter 19	Optimizing and Troubleshooting	477
	Index	503

Table of Contents

Introduction 1

1 **Galaxy S 4 Essentials** 5

About the Galaxy S 4 5
The Hardware 6
The Android Operating System and TouchWiz 9
The Interface 9
Customization 10
Charging the Battery 12
Powering On/Off 13
Darkening and Restoring the Display 15
Restoring a Dark Display 16
Setting the Screen Timeout Interval 16
Adjusting the Volume 18
Using a Headset or Headphones 20
Using a Wired Headset or Headphones 20
Using a Bluetooth Headset 20
Setting Up Voicemail 23
Gmail and Your Phone 24
Creating a Gmail Account 24
Registering Your Gmail Account 26
Creating a Samsung Account 28
Placing and Receiving Calls 31
Placing a Call 31
Receiving a Call 32
Working with Data 33
Manually Setting a Connection Method 33
Connecting to a New Wireless Network 34
Changing the Default Language 36

2 **Understanding the Android/TouchWiz Interface** 39

The Home Screen 40
The Status or Notification Bar 40
Main Area 41
Extended Home Screen 42
Setting the Home Screen Mode 43
Primary and Other App Shortcuts 44
Using the Hardware Keys 45
Menu Key 45
Home Key 45
Back Key 47
The Notification Panel 48
Interacting with the Touchscreen 49
Using Your Fingers 49
Rotating the Screen 51
Entering Text 52
Using the Keyboard: Tapping 52
Using the Keyboard: Swype 54
Using Voice Input 57
Editing Text 60

3 **Making the Phone Your Own** 63

Customizing the Home Screen 64
Selecting Wallpaper 64
Rearranging, Removing, and Adding Home Screen Pages 66
Adding Shortcuts 67
Adding Widgets 69
Creating Folders 71
Repositioning and Removing Home Screen Items 72
Setting the Apps View 74
Changing System Settings 77
Setting the Date and Time 78
Enabling Motion and Palm Motion Settings 78

Enabling Air Gesture 81
Setting Ringtones 82
Personalize Your Call Sound 89
Using Voice Services 92
S Voice and S Voice Driving Mode 92
Voice Control 94
Google Voice Search 95
Voice Recorder 96

4 **Placing and Receiving Calls** **99**

Placing Calls 100
Manual Dialing 100
Dialing from a Contact Record 103
Dialing and Texting from the Call Logs 104
Dialing a Number in a Text or Email Message 108
Emergency Calling 110
Other Outgoing Call Options 111
Speed Dialing 111
Temporarily Blocking Your Caller ID Information 116
Three-Way Calling 117
Inserting Pause and Wait Commands 118
Receiving Calls 119
Responding to an Incoming Call 119
Call Waiting 121
Call Forwarding 122
In-Call Options 124
Icon Options 125
Other In-Call Options 126
Using Voicemail 127
Enabling Mute, Vibrate, or Airplane Mode 129
Mute and Vibrate 129
Airplane Mode 130
Configuring Call Settings 131

5 **Managing Contacts** 137

The Contacts Interface 138
Creating a Contact Record 140
Adding a Photo to a Contact Record 145
Viewing Contacts 146
Editing Contact Records 148
Editing Contacts 148
Setting Defaults for a Contact 149
Joining and Separating Contacts 150
Marking Contacts as Favorites 151
Deleting Contacts 152
Working with Contact Groups 153
Creating a Group 153
Adding or Removing a Person from Group Membership 155
Emailing or Texting a Group 155
Reordering the Groups 157
Deleting a Group 157
Backing Up/Restoring and Exporting/Importing Contact Records 158
Backing Up Contact Data 159
Restoring Contacts from Backups 162
Importing Contact Data from Other Sources into Google Contacts 165
Odds and Ends 167
The Send Email and Send Message Commands 167
Setting Display Options 168

6 **Using the Calendar** 171

Adding Calendar Accounts 172
Working in Calendar 174
Creating Events and Tasks 174
Viewing the Calendar 180
Managing Events and Tasks 186
Responding to Reminders 187
Setting Calendar Preferences 190

7 **Browsing the Web** 195

Launching the Browser 196
Visiting Web Pages 197
Typing the Address 197
Following a Link 198
Visiting a Bookmarked, Recent, or Saved Page 199
Searching for a Site or Page 200
Viewing Pages 201
Portrait or Landscape View 202
Magnification (Zoom) 203
Refreshing the Page 204
Working with Windows 204
Page Navigation 206
Incognito Browsing 206
Working with Bookmarks 208
Creating a Bookmark from the Current Page 208
Creating a Bookmark from the History List 209
Editing Bookmarks 210
Using Bookmark Folders 211
Deleting Bookmarks 212
More Menu Commands 214
Configuring the Browser 216

8 **Sending and Receiving Email** 219

Adding Email Accounts 220
Automatically Adding an Account 220
Manually Adding an Account 222
Configuring Email Accounts 225
Editing Account Settings 225
Deleting an Account 230
Retrieving Mail 231
Reading Mail 232
Viewing and Saving Attachments 234

Composing and Sending Mail 237
Creating a New Email Message 237
Replying to Mail 239
Forwarding Mail 240
Adding Attachments and Inserts 241
Managing the Mail 243
Deleting Messages 243
Moving Messages 245
Changing the Message Read Status 246
Marking Important Messages 247
Using the Gmail App 248

9 **Messaging, Chatting, and Socializing** **253**

Text and Multimedia Messaging 253
Composing a Text Message (SMS) 254
Composing a Multimedia Message (MMS) 261
Managing Conversations 263
Configuring Messaging Settings 270
Social Networking with Flipboard 276
Adding Social Networking Accounts 276
Adding Content Feeds 278
Viewing and Interacting with Content and Feeds 279
Chatting on Your Galaxy S 4 281

10 **Installing and Using Applications** **283**

Running an App 284
Launching an App 284
Using the Hardware Keys 287
Switching Among Running Apps 289
Using Multi Window to Run Two Apps 290
Exiting an App 293
Downloading and Installing Apps from Google Play 293
Customizing Google Play 296
Enabling App Downloads from Other Sources 299

Using the Amazon Appstore for Android 300
Installing the Amazon Appstore App 300
Downloading Apps from the Amazon Appstore 302
Customizing the Amazon Appstore 305
Managing Apps 307
Creating Home Screen Shortcuts 308
Uninstalling Apps 308
Updating Apps 312

11 **Using GPS Apps** **315**

Enabling/Disabling GPS 316
Getting Directions 317
Using Google Navigation 317
Using Google Local 322

12 **Playing and Managing Music** **327**

Playing Stored Songs with the Music App 328
Working with Playlists 332
Sharing Songs with Group Play 339

13 **Shooting, Editing, and Sharing Photos** **347**

Shooting Photos 348
Shooting Self-Portraits with the Front Camera 348
Shooting Photos with the Rear Camera 350
Changing the Camera Settings 352
Using Quick Settings 352
Using the Settings Dialog Box 354
Selecting a Shooting Mode 358
Reviewing Photos 361
Using Gallery 363
Using Photo Editor 372
Running a Slideshow 376

14 **Watching and Creating Videos** 379

Streaming Video to the Phone 379
Streaming with a Dedicated App 380
Streaming from Web Pages 382
Playing Videos with the Video App 383
Using the Video Menu 387
Converting DVD Videos for Playback on the Phone 388
Recording Videos with the Phone 395
Participating in Video Chats 399

15 **Transferring and Sharing Files** 401

Using Samsung Kies to Transfer Files over Wi-Fi 402
Setup and Basic Operation 402
Copying Files 405
Transferring Files over USB 408
Manual USB Transfers to and from a Mac 408
Manual USB Transfers to and from a PC 410
Transferring Files Using Bluetooth 413
Pairing the Phone with the Computer 413
Sending Files from Computer to Phone 415
Sending Files from Phone to Computer 416
Emailing Files 419
Emailing Photos from Gallery 420
Emailing Songs from My Files 422
Transferring Files Between Phones 423
Using Wi-Fi Direct 424
Using S Beam 426
Using Share Shot 428

16 **Synchronizing Data** 433

Developing a Sync Strategy 433
Microsoft Exchange Server 434
Google/Gmail 435

Alternative Software 438
The Sneakernet (Manual) Approach 438
Setting Sync Options and Schedules 439
Performing Manual Syncs 441

17 **Securing the Phone** **447**

Securing the Lock Screen 447
Changing the Screen Locking Method 448
Setting Lock Screen Options 457
Unlocking the Lock Screen 462

18 **Powering Other Devices** **467**

Creating a Mobile HotSpot for Wi-Fi Devices 467
Tethering the Phone and a PC 470
Mirroring the Phone on an HDTV 473

19 **Optimizing and Troubleshooting** **477**

Managing Memory 478
Conserving the Battery 480
Configuring and Enabling Power Saving Mode 480
Tips for Manually Conserving the Remaining Charge 481
Viewing Battery Usage by Features and Apps 484
Managing Talk Time and Data Usage 485
Checking Current Usage 485
Managing Data Usage 486
What's Cheaper? 488
Can This Call Be Made Later? 488
Viewing and Expanding Storage 489
Viewing Used and Available Space 489
Adding a Memory Card 490
Installing or Replacing the SIM Card 495
Checking for System Updates 496

Troubleshooting 497
General Troubleshooting 497
Testing in Safe Mode 499
Fixing a "Lockup" 499
Performing a Factory Data Reset 500

Index 503

About the Author

Steve Schwartz got an early start as a computer industry writer and author. Immediately after buying an Apple II+ in 1978, he began writing regularly for the computer magazines of the day. Since then, he has written hundreds of articles for major publications, including *Macworld*, *PC World*, *InfoWorld*, and *Computerworld*. He is also the author of more than 60 books on technology, game and computer topics, including guides to business/productivity software (Microsoft Office, Access, and FileMaker Pro), Internet software (Internet Explorer, Outlook Express, Entourage, and Gmail), and graphics/image-editing software (Picasa, Picture It!, Digital Image Suite, and CorelDRAW). Following his best-selling *My Samsung Galaxy S III*, this is Steve's second book in the *My* series.

Before becoming a full-time writer in 1990, Steve served as editor-in-chief for *Software Digest* and technical services director for Funk Software. He also authored the first trade paperback on the then-new Nintendo phenomenon: *Compute!'s Guide to Nintendo Games*.

Steve has a Ph.D. in psychology, consults on game design, database design, and technology issues, and lives in the fictional town of Lizard Spit, Arizona. You can see the complete list of his published books at http://www.siliconwasteland.com/misc.htm.

Dedication

To Sydney and Spooky

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Introduction

About This Book

My Samsung Galaxy S 4 is specifically about configuring, using, maintaining, and troubleshooting a Samsung Galaxy S 4. Although much of its information is applicable to other Android phones, it will be most helpful to those of you who either own or intend to get a Samsung Galaxy S 4.

The Need for a Book

If this is your first smartphone, you'll quickly discover that learning to use it entails a considerably steeper learning curve than mastering an ordinary phone. Actually, it will probably help you to think of your S 4 as a handheld computer that also has the capability to place and receive phone calls. For many users, the calling capabilities of the S 4 are secondary to all the other wonderful things you can do with it.

Although each carrier offers a free, downloadable manual with *general* explanations of how the phone works and how to use the standard applications (or *apps*), the manuals seldom provide sufficient detail to enable you to comfortably use the various phones' features or to understand the impact of setting particular options. That's where this book comes in. Rather than waste hours

of your time figuring these things out, I've spent that time on your behalf—in many cases, through hours of experimentation. And no, not every answer can be found online—easily or, in some cases, at all. For instance, I spent 6–8 hours figuring out why Group Play worked only with the demo song and not with the 40+ songs I downloaded to the phone. (See "Sharing Songs with Group Play" in Chapter 12 for the answer to that question.)

How to Read This Book

Although the chapters are presented in what is intended to be a logical order (based on *what* I think you need to know and *when* you'll need to know it), it may sometimes feel like you have to understand *everything* about the phone before you can do *anything* with it. Placing a call, for example, requires you to know how to interact with the touchscreen and, optionally, how to select a phone number or person's name in Contacts.

Although you'll do well to at least skim through the entire book (to avoid being overwhelmed by that "need to know everything" feeling), I recommend that you start by working your way through the basics provided in Chapters 1 through 3 and only then jump to whatever chapter you want to tackle next.

Smartphone "Facts of Life"

When reading this book, there are some important facts you should know:

- At its launch, five major U.S. carriers announced they'd carry the Galaxy S 4: AT&T, Sprint, T-Mobile, Verizon, and U.S. Cellular. From a hardware perspective, each of these phones is identical.

- On a software basis, however, there are some differences between carriers. First, many add their own applications (*apps*) to the standard ones that come with every S 4, and they sometimes make minor modifications to the standard apps, too. For example, when you first launch Contacts on an AT&T S 4, you're notified that your address records will be backed up to your AT&T Address Book.

Second, each carrier has its own method of updating the phone's operating system and apps. To be applicable to every carrier's S 4, this book explains how to use the software that *all* S 4's have in common; little mention is made about carrier-specific apps and updating procedures. For such information, you should refer to the carrier's online manual and support.

- App and operating system (OS) updates can be delivered or downloaded whenever the app developers and your carrier, respectively, see fit. Thus, like all Android cell phones, the S 4 is a *moving target* and subject to change. This book, on the other hand, is static text—correct at the time it was written. When a new version of the OS is applied to your phone, the steps to perform some procedures, what you see onscreen, and the options available in certain Settings categories may change slightly. However, based on past OS updates, even if this happens to an app here or a procedure there, the material in this book should still be sufficiently relevant for you to determine how to work with and use the new features and options. In other words, you're still far better off with this book in your hands than without it!

S Voice

SAMSUNG
What would you like to do?
What is the answer to the ultimate question of life the universe and everything
42
according to Douglas Adams' humorous science-fiction novel The Hitchhiker's Guide to the Galaxy
Press the button or say 'Hi Galaxy'
?
Enable/disable voice prompt
Microphone (new question)
Help

In this chapter, you find out how to customize your phone by populating the Home screen with widgets, shortcuts, and folders; change the default wallpaper; set default and contact-specific ringtones; issue voice commands and ask questions; and more. Topics include the following:

- Customizing the Home screen with new wallpaper, shortcuts, folders, and widgets
- Setting an Apps view
- Changing system Settings
- Setting default, contact-specific, and group ringtones
- Configuring and using voice services (S Voice, Voice Control, and Google Voice Search) to find information and perform actions

3

Making the Phone Your Own

Nothing prevents you from using the phone exactly as it was when you first opened the box—keeping the default wallpaper, installing no additional widgets, downloading no new apps, and ignoring Settings for the operating system and apps. But the fun of having a powerful smartphone is in *customizing* it—personalizing the phone in ways that make it easier, more efficient, and fun to use.

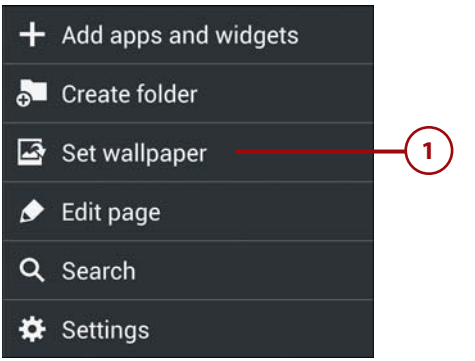
Customizing the Home Screen

The easiest and most obvious way to personalize the phone is to customize its Home screen. In fact, many of the Home screen customization options, such as changing the wallpaper, adding widgets, and adding shortcuts to your favorite apps, are what users do first with their new phones.

Selecting Wallpaper

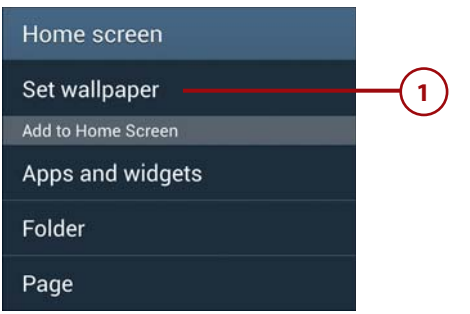
The simplest way to customize the phone is to change its Home screen background (called *wallpaper*) by selecting an image that's aesthetically pleasing, amusing, or touching. Wallpaper can be a static image or a *live,* moving image. The image you choose is applied to all Home screen pages.

1. On the Home screen, press the Menu key and tap Set Wallpaper.

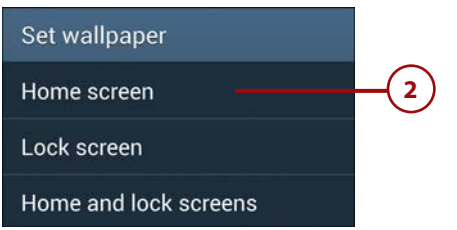


Wallpaper Shortcut

As an alternative, press and hold any empty spot on a Home screen page, and tap Set Wallpaper.



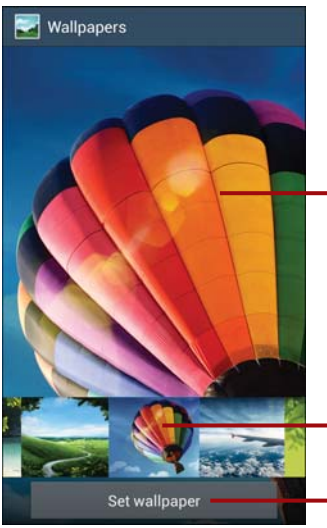
2. Tap Home Screen, Lock Screen, or Home and Lock Screens—depending on the screen(s) that you want to customize.



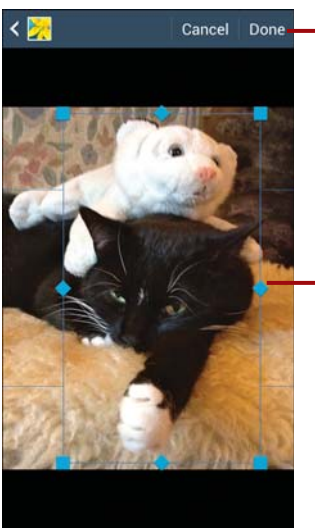
3. Select the type of wallpaper that you want to use. Options include Gallery (a cropped area of a photo or other image stored in Gallery), Live Wallpapers (images that move), and Wallpapers (static, full-screen images).

Carrier-Provided Wallpaper

Some carriers provide their own custom wallpaper. For example, Sprint phones include an ID Wallpapers category.



- *Wallpapers.* Tap a thumbnail in the horizontally scrolling list, and tap Set Wallpaper.
- *Gallery.* Open the folder that contains the image. Tap the image thumbnail, resize and move the selection rectangle to select the desired area, and tap the Done button.
- *Live Wallpapers.* Tap a wallpaper style to see a preview, and tap the Set Wallpaper button.

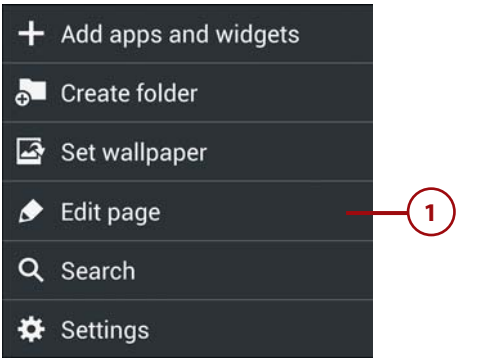


Static Versus Live Wallpaper

Live wallpaper contributes more to battery drain than a static Wallpaper or Gallery image. If you find that you're running out of power too quickly, consider replacing your live wallpaper with static wallpaper.

Rearranging, Removing, and Adding Home Screen Pages

The default Home screen has five horizontally scrolling pages. You can rearrange the pages, remove ones that you don't need, or add new pages (up to the maximum of seven).

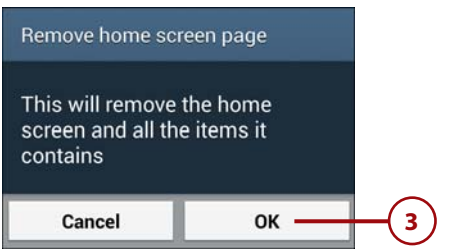


1. On the Home screen, press the Menu key and tap Edit Page.
2. To change the position of a page, press and hold its thumbnail, and then drag it to a new location in the array.

The Main Home Screen Page

If you rearrange Home screen pages, the main page (marked with a white up arrow) can be placed anywhere in the array—not just in the center. Whenever you're on the Home screen, pressing the Home button always takes you to this main page.

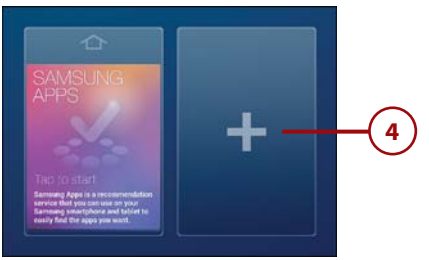
3. To delete a page, press and hold its thumbnail, and then drag it onto the Remove icon at the top of the screen. If the page contains one or more items, a confirmation dialog box appears. Tap OK to confirm the deletion.



Effects of Deleting a Page

As indicated by the confirmation dialog, deleting a page also removes the items on that page, such as widgets and shortcuts. Of course, you can place those items on the remaining or new pages again.

4. To add a new page, tap any thumbnail that contains a plus (+) symbol (representing an available page). You can optionally change the location of the new page, as described in step 2.

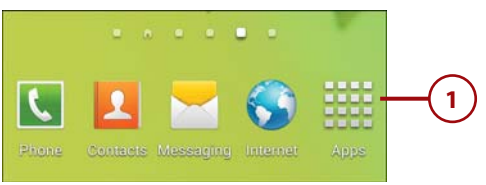


5. When you finish editing, complete the process by returning to the Home screen—press the Back or Home key, or tap a Home screen page thumbnail.

Adding Shortcuts

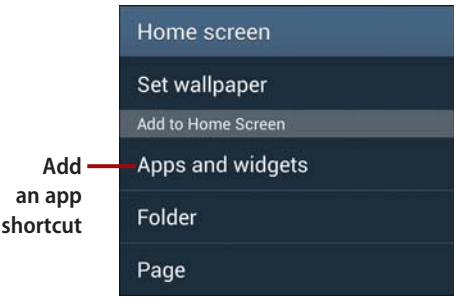
You can place shortcuts to your favorite apps on the Home screen. When you tap an app shortcut, the app that it represents launches. An Android *shortcut* is the equivalent of a Mac alias or a Windows shortcut.

1. Navigate to the Home screen page to which you want to add the shortcut, ensure that it has an open space for the shortcut, and tap the Apps icon. (You can add the shortcut to any page, but the current one is initially offered as the destination.)



Fast Way to Add a Shortcut

To quickly add a new app shortcut to a Home screen page, press and hold any open spot on the page. The Home Screen dialog box appears. In the Add to Home Screen section, tap Apps and Widgets. Press and hold the app icon and drag it to its destination on the page.



2. Ensure that the Apps tab is selected. Locate the app for which you want to create a shortcut, scrolling horizontally as needed.
3. Press and hold the app's icon, drag it into an open spot on the current Home screen page and release the icon.

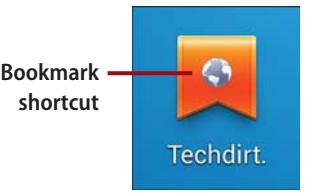
Repositioning or Removing a Shortcut

After creating a shortcut, you can reposition it on the current or a different Home screen page. Press and hold the shortcut, and then drag it to the desired position.

To remove a shortcut that you no longer need, press and hold it, and then drag it onto the Remove icon. Removing a shortcut doesn't affect the item that it represents.

Creating a Bookmark Shortcut

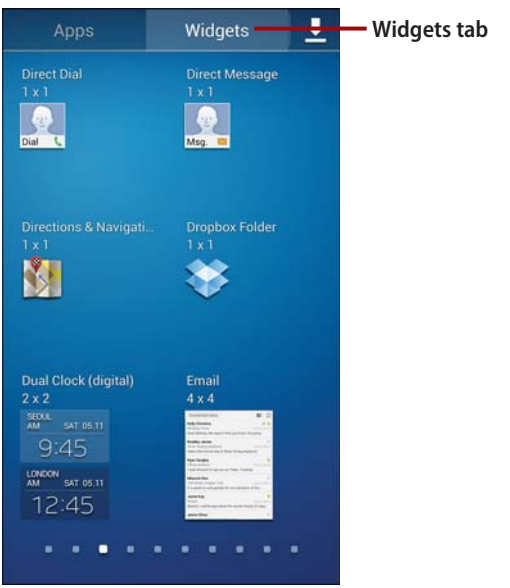
You can also create shortcuts to your favorite web pages. In the Internet app, open the page or site for viewing. Press the Menu key and tap Add Shortcut. The bookmark is added to a Home screen page.



Adding Widgets

A *widget* is an application that runs on the Home screen. Many, such as Weather, aren't interactive or are only minimally so. For example, you can tap the refresh icon on the Weather widget to force an update of the weather info. Otherwise, such widgets simply provide continuously updated information. Other widgets, such as the Music widget, are designed for interaction. By tapping its buttons, you can pause or restart playback, and skip to the next or previous song.

You can add a widget in any free space on a Home screen page, as long as there's room for it. Widgets come in a variety of sizes, from one- or two-section widgets to full-screen ones. In addition to the widgets supplied with your phone, downloaded applications sometimes include their own widgets.



To add a widget to a Home screen page, follow the steps listed in "Adding Shortcuts." In step 2 on the Apps screen, select the Widgets tab rather than the Apps tab. Under each widget name is the number of screen sections (horizontal × vertical) required by the widget.

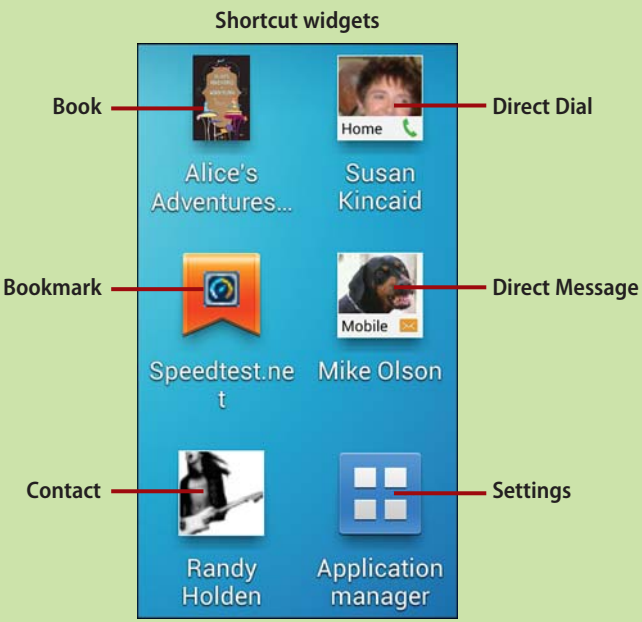
>>>Go Further

WIDGET SHORTCUTS

Shortcuts in Android give you lots of flexibility because they can provide direct links to a variety of things: files, records, or operating system elements. For instance, you can create a Direct Dial shortcut that, when tapped, automatically dials a person's phone number. After adding the Direct Dial widget to a Home screen page, you tap the person's contact record to link it to the shortcut.

Here are some other widget-based shortcuts you might want to add:

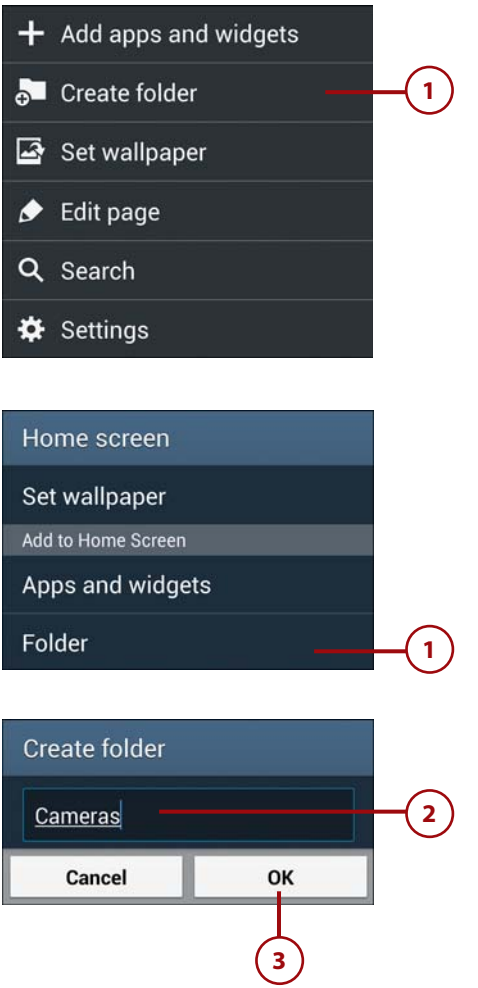
- *Book.* Links to a favorite downloaded ebook that you can read with the Play Books app.
- *Bookmark.* Links to a web page selected from your stored bookmarks.
- *Contact.* Links to a person's record in Contacts, enabling you to easily call, message, email, or locate the person.
- *Direct Message.* Enables you to create a new text or multimedia message to a specific person in Contacts.
- *Settings Shortcut.* Opens a Settings category that you frequently access.



Creating Folders

To help organize your Home screen items, you can add folders in which to store them.

1. On the Home screen, navigate to the page to which you want to add the folder, and do either of the following:
   - Press the Menu key and tap Create Folder.
   - Press and hold any open spot on the page. In the Home Screen dialog box, tap Folder.
2. Type a name for the folder in the Create Folder dialog box.
3. Tap OK.



>>>Go Further

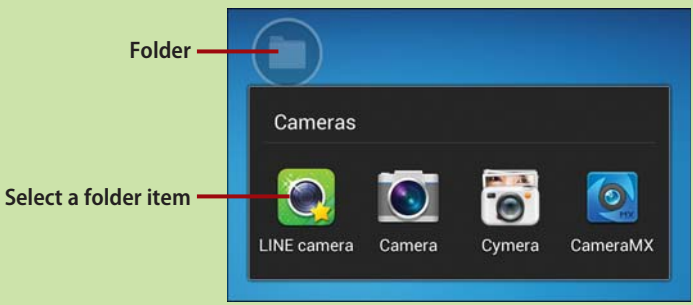
WORKING WITH FOLDERS

Of course, creating a folder is just the first step. Adding and organizing shortcuts within the folders is what makes them useful.

To insert an item into a folder, press and hold the item's icon, and then drag it onto the folder. Tap the folder to access its items. In the pop-out contents list that appears, tap an item to launch or open it.

To remove an item from a folder, tap the folder to open it, press and hold the item's icon, and then drag it to any location outside of the folder. (To delete an app shortcut that's in a folder, drag the shortcut out of the folder. Then press and hold the shortcut, and drag it onto the Remove icon.)

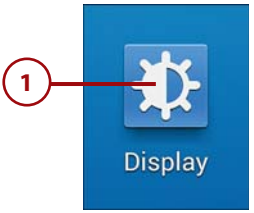
Finally, like other Home screen items, you can reposition a folder by pressing and holding its icon, and then dragging it to its destination on the current or a different page.

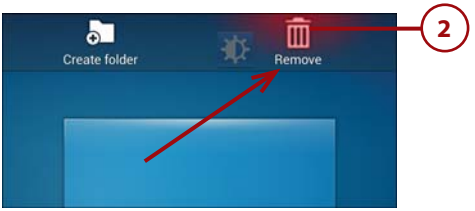


Repositioning and Removing Home Screen Items

Part of the fun of setting up your Home screen pages is that you can freely rearrange items. And because many items are shortcuts, removing them from the Home screen has no effect on the actual items they represent. Follow these steps to reposition or remove Home screen items.

1. On the Home screen page, press and hold the item that you want to reposition or remove.
2. To *remove* the item, drag it onto the Remove (trash can) icon that appears at the top of the screen. When you release the item, it is removed.
3. To *reposition* the item, drag it to an empty or occupied spot on the current or another Home screen page. (If the destination is currently occupied, items will shift to make room—if possible.) When you release the item, the move is completed.





Moving Between Pages

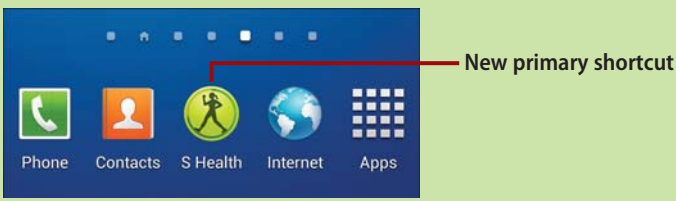
When moving an item between Home screen pages, don't let up on the finger pressure until the destination page appears. If you inadvertently release the item on the wrong page or in the wrong spot, press and hold the item again and finish the move.

>>>Go Further

REARRANGING AND REPLACING THE PRIMARY SHORTCUTS

At the bottom of every Home page screen are the five primary shortcuts: Phone, Contacts, Messaging, Internet, and Apps. If desired, you can rearrange, remove, or replace any of the first four.

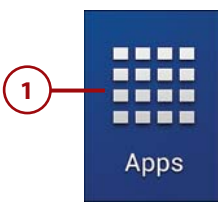
- To rearrange the primary shortcuts, press and hold the one that you want to move, drag it to the left or right, and then release it when it's in the desired position.
- To remove a primary shortcut, press and hold it, and then drag it to the Remove icon at the top of the Home screen page. If you want to remove the primary shortcut from the bottom of the screen but keep it on the page, drag it to any blank spot on the current Home screen page.
- To replace a primary shortcut (or add one, if you currently have less than four), find the replacement shortcut on a Home screen page, and drag it onto the primary shortcut you want to replace. (If the desired app shortcut isn't already on a Home screen page, you must first create a shortcut for it as described earlier in "Adding Shortcuts.")



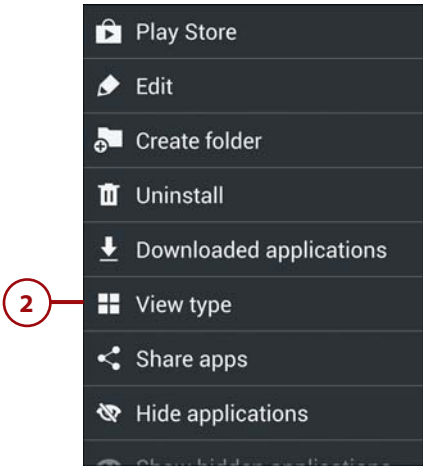
Setting the Apps View

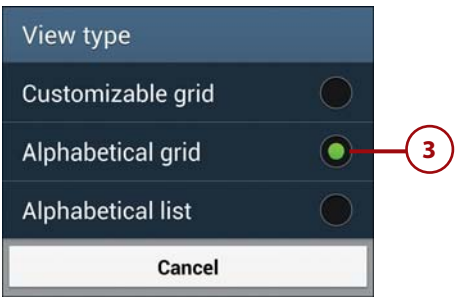
The default method of viewing your installed apps is an alphabetical, multipage grid. Because you'll spend a lot of time in Apps, you may prefer to change this display to show your apps as an alphabetical scrolling list or as a custom grid arranged in any fashion and order that you like.

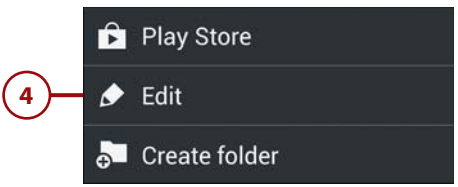
1. On the Home screen, tap the Apps icon.



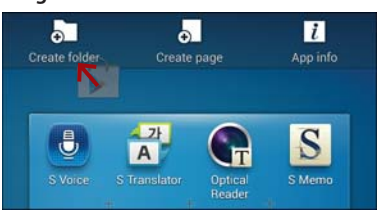
2. Select the Apps tab, press the Menu key, and tap View Type.
3. In the View Type dialog box, select one of the following:
   - *Customizable Grid.* This option enables you to create additional grid pages and arrange the app icons however you like, such as putting all games together, placing the most frequently used apps on the first page, and creating folders in which to store certain apps.
   - *Alphabetical Grid.* This is the default display style, presenting all app icons alphabetically on a series of 4×5 grid pages.
   - *Alphabetical List.* Select this option to present the apps in an alphabetical, vertically scrolling list—like the contact list in Contacts.
4. If you chose Customizable Grid in step 3, you can customize the grid by pressing the Menu key and tapping Edit. (Be sure to choose the Edit command. Otherwise, changes made are to Home screen pages rather than the Apps pages.) Then do any of the following:
   - To change an icon or folder's position, press and hold the item, and then drag it to a new position on the current page or another page. Surrounding icons move to make room for the item.







Drag the item to the Create Folder icon



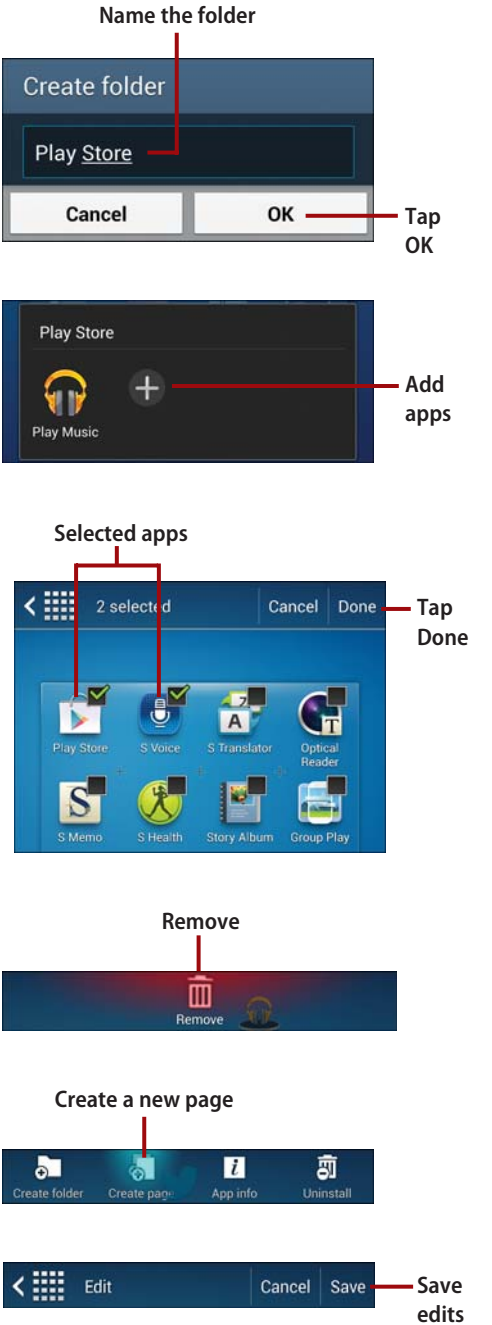
- To create a folder, press and hold an icon that you want to move into the folder, and drag it onto the Create Folder icon at the top of the screen. Type a name for the new folder in the Create Folder dialog, and then tap the OK button. To add other apps to the folder, tap the folder, tap the plus (+) icon, select the check box for each app to add, and tap the Done button.

Removing Apps from a Folder

To remove an app from a folder, tap the folder to display its contents, and then drag the app out of the folder.

- To remove a folder, press and hold it, and then drag it onto the Remove icon at the top of the screen. Tap OK in the Remove Folder confirmation dialog. Apps within the deleted folder are restored to the Apps pages.
- To add a new Apps page, navigate to the page after which you want to insert the new page. Press and hold an icon that you want to add to the new page, and drag it onto the Create Page icon at the top of the screen.

  When you finish making changes to the Apps pages, tap the Save button or tap Cancel to ignore all changes.

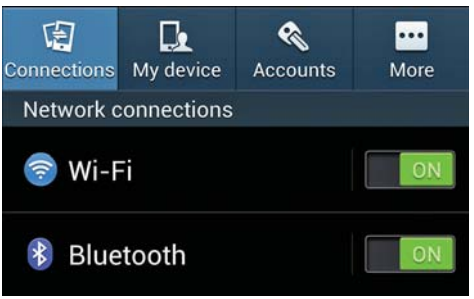


Changing System Settings

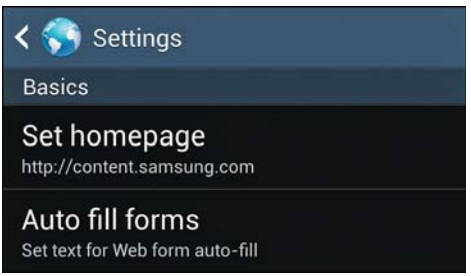
By changing preferences in Settings, you can make the phone look and work to match your needs. Although system and app settings are discussed throughout the book, this section points out some settings that aren't mentioned elsewhere but are important in customizing your phone.

To access system settings, go to the Home screen, press the Menu key, and tap Settings. To access an app's settings (for those that provide them), launch the app, press the Menu key, and tap Settings.

Settings (System)



Settings (Internet)

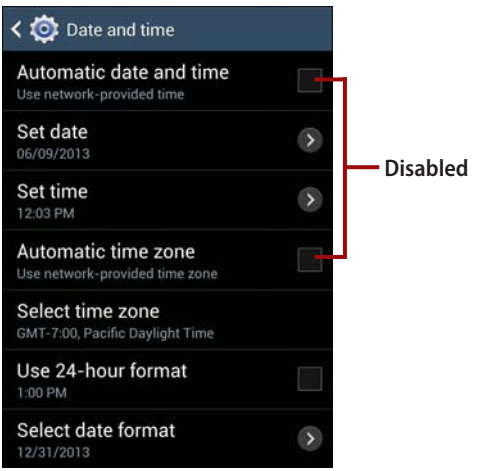


Setting the Date and Time

In Date and Time Settings, when the Automatic Date and Time and Automatic Time Zone settings are enabled, date, time, and time zone information is automatically obtained from the network. To change these settings, open Settings, select the More tab, and tap Date and Time.

If necessary, you can override this information by disabling the two Automatic settings and then making changes to the Set Date, Set Time, and Select Time Zone items. Tap Select Date Format if you want to change the format for displaying dates.

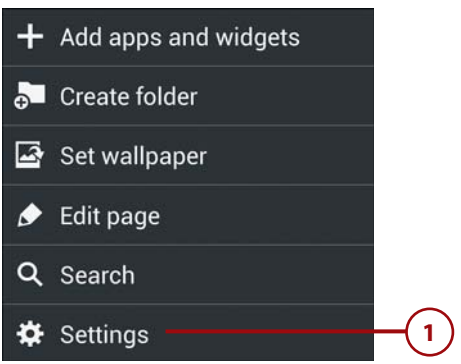
Date and Time Settings



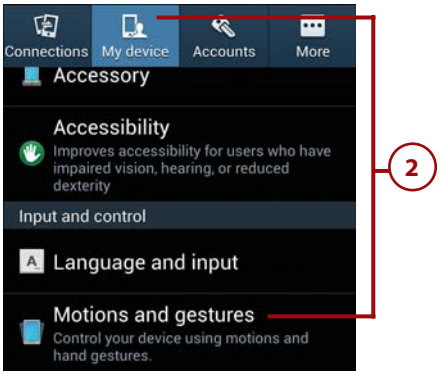
Enabling Motion and Palm Motion Settings

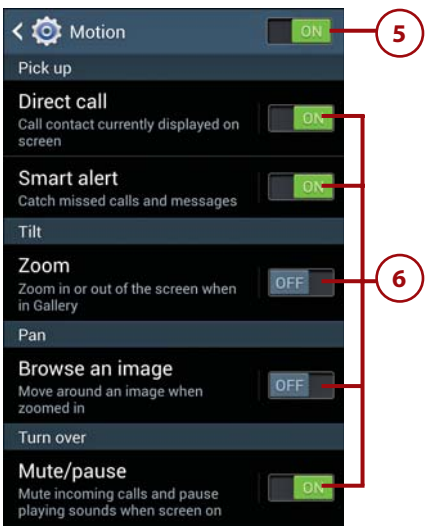
You can selectively enable Motion and Palm Motion settings to control phone features by tilting, shaking, or making special movements with the phone.

1. On the Home screen, press the Menu key and tap Settings.



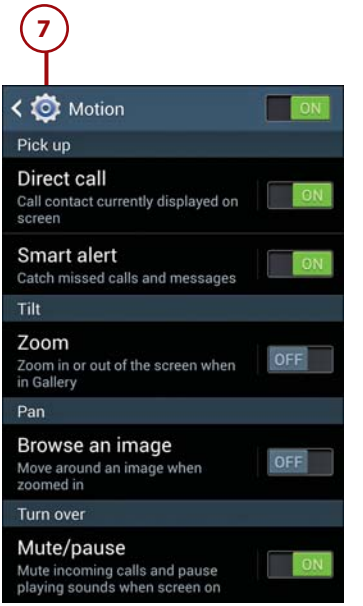
2. Select the My Device tab. Scroll to the Input and Control section, and tap Motions and Gestures.
3. Move the sliders to On or Off to control the three categories of motions and gestures: Air Gesture, Motion, and Palm Motion. Tap Gyroscope Calibration to start a calibration routine for the phone's gyroscope.
4. Tap Motion to enable or disable the various Motion settings.
5. To use *any* of the motion features, you must set the Motion switch to On. Similarly, you can simultaneously disable all motion features by setting the Motion switch to Off.
6. When the Motion switch is On, the individual Motion settings work as follows:
   - *Direct Call.* When viewing a person's contact record, you can move the phone to your ear to place a call to the person.
   - *Smart Alert.* When you pick up the phone, you're notified of missed calls or messages.
   - *Zoom.* When viewing an image in Gallery or a web page in the Internet app, place two fingertips on the screen, and tilt the phone toward you to zoom in or away from you to zoom out.
   - *Browse an Image.* Press and hold an onscreen image in Gallery to pan within it by tilting the phone up, down, left, and right.

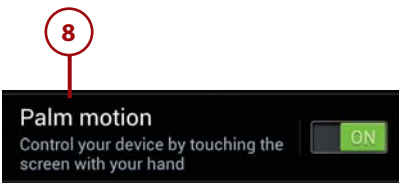


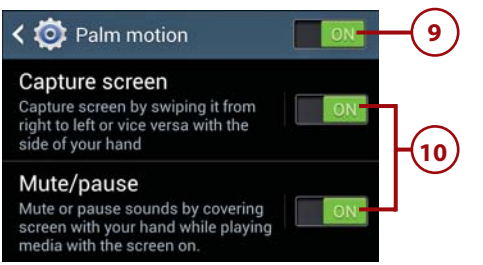


- *Mute/Pause*. Mute incoming call ringtones or pause playing media by turning the phone over so that it's face down.

7. Tap the Settings icon or press the Back key to return to the Motions and Gestures screen.
8. Tap the Palm Motion text to view the Palm Motion settings.
9. To use either of the Palm Motion features, you must set the Palm Motion switch to On. (You can turn both features off at once by setting the Palm Motion switch to Off.)
10. The Palm Motion settings work like this:
    - *Capture Screen*. Create screen captures by placing the edge of your hand on the screen and dragging across it. Captured screens are saved in the Screenshots folder. (You can also create screen captures by simultaneously pressing the Home key and Power button.)
    - *Mute/Pause*. Mute audio or pause video by covering the touchscreen with your palm.



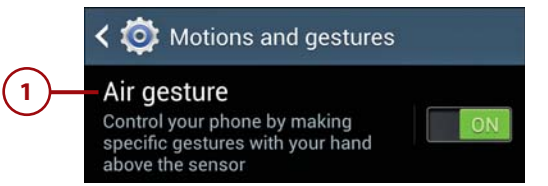




Enabling Air Gesture

The Air Gesture feature enables you to control your phone by gesturing over the sensor at the top of the screen—without touching the screen.

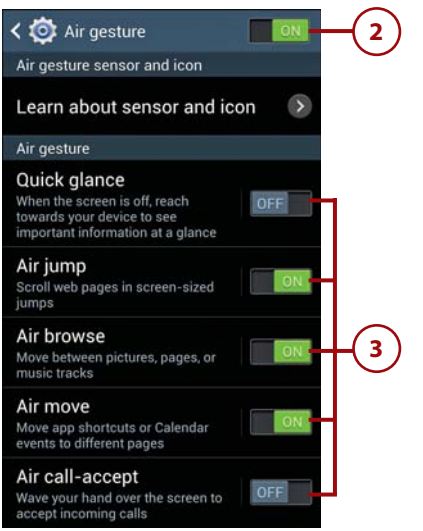
1. Tap the Air Gesture text on the Motions and Gestures screen.



2. To use any of the Air Gesture features, you must set the Air Gesture switch to On. When you want to turn off all the Air Gesture features, move this switch to Off.

3. When the Air Gesture switch is On, the individual Air Gesture settings work as follows:

   - *Quick Glance*. When your phone's screen is off, move your hand over the sensor at the top of the screen to display information such as notifications, missed calls, unread messages, and battery level. To choose which information appears, tap the Quick Glance text and select check boxes in the scrolling More Information list.
   - *Air Jump*. When viewing a web page or an email message, wave your hand up or down over the sensor to scroll up or down by a screenful of text.



- *Air Browse.* When playing music, viewing pictures, browsing pages in the Internet app, or working in S Memo, move your hand left or right above the sensor to move to the next or previous item. To choose the apps in which Air Browse works, tap the Air Browse text, and then select check boxes in the scrolling Supporting Applications list.
- *Air Move.* When working on the Home screen, in the App list, or in Day or Week view in Calendar, tap and hold an item on screen with one hand, and then wave the other hand to the left or right over the sensor to move the item to another page.
- *Air Call-Accept.* When you receive an incoming call, wave your hand over the screen to accept it.

Where's the Air Gesture Sensor?

Tap Learn About Sensor and Icon to review some explanatory information about the sensor's location and the Air Gesture status bar icon.

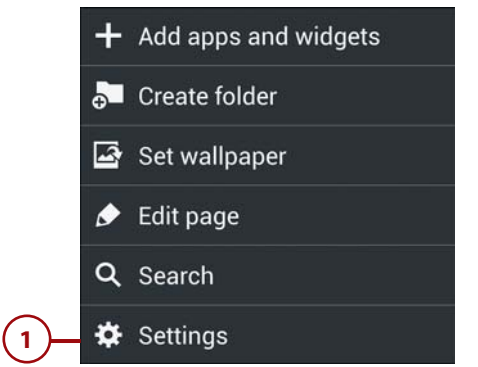
Setting Ringtones

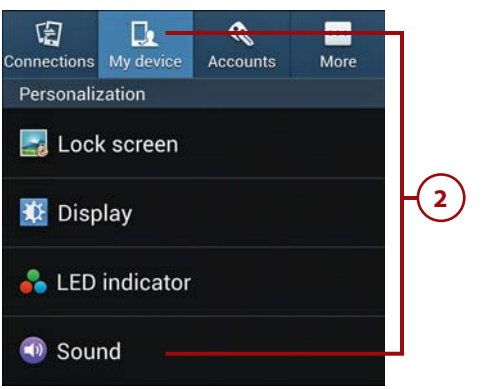
A *ringtone* is an audible event notification, such as a sound effect or a snippet of music. You can specify default ringtones for incoming calls and text messages, as well as set person-specific ringtones for anyone with a Contacts record.

Setting the Default Incoming Call Ringtone

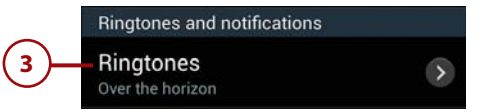
Unless overridden by a personal or group ringtone, the default ringtone plays to notify you of an incoming call.

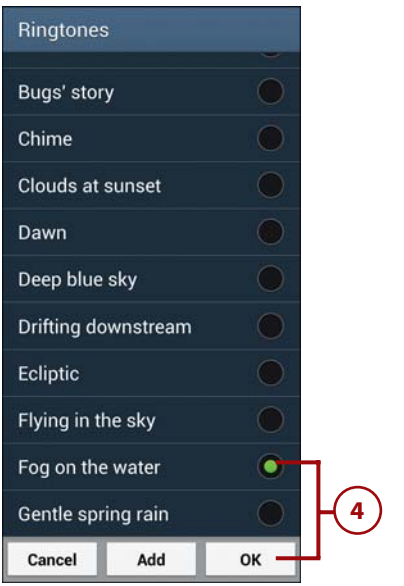
1. On the Home screen, press the Menu key and tap Settings.
2. Select the My Device tab, and tap Sound.





3. Tap Ringtones.
4. The Ringtones dialog box appears, showing a scrolling list containing all built-in, created, and downloaded ringtones. Tap a ringtone to play it. When you're satisfied with your choice, tap OK.

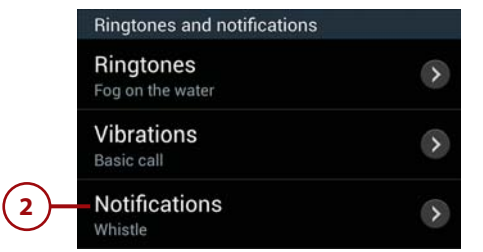




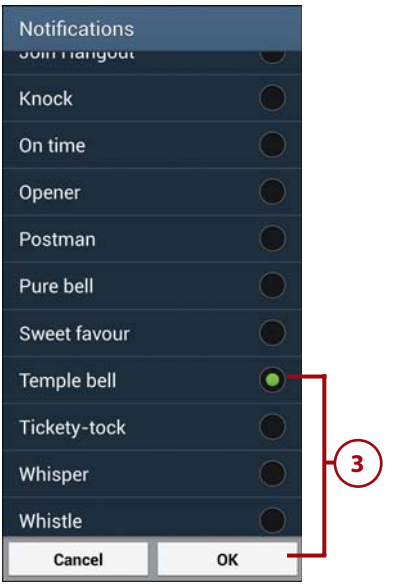
Setting the Default Notification Ringtone

Unless overridden by a personal or group ringtone, the default notification ringtone plays to signify new email, a text message, a missed call, a waiting voicemail, or an upcoming Calendar event. Unlike call ringtones, notification ringtones are brief and less intrusive.

1. Perform steps 1–2 from the previous task ("Setting the Default Incoming Call Ringtone").
2. On the Sound setting screen, tap Notifications.



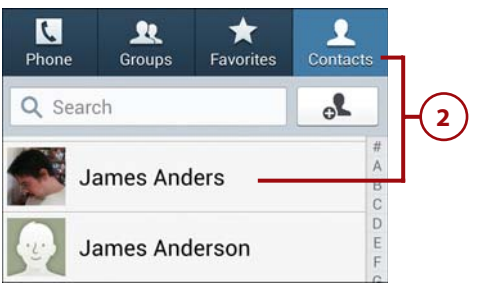
3. The Notifications dialog box appears, showing a scrolling list containing all the notification ringtones. Tap an entry to play it. When you're satisfied with your choice, tap OK.



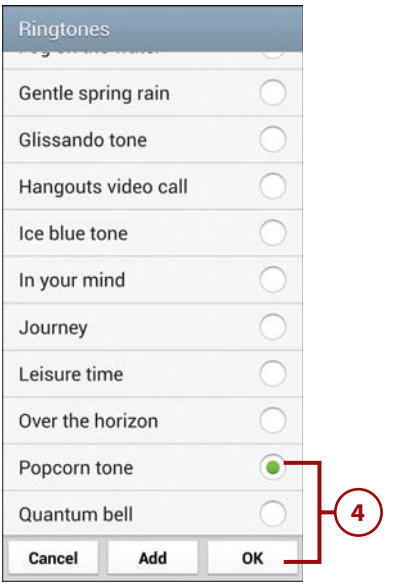
Assigning a Ringtone to a Contact

To make it easier to quickly recognize an incoming call from a person, you can associate a distinctive ringtone with his or her record in Contacts.

1. On the Home screen, tap the Contacts icon.
2. With the Contacts tab selected, find the person's record by scrolling or searching. Tap the record to open it.
3. Scroll to the Ringtone section of the record, and tap the ringtone entry.



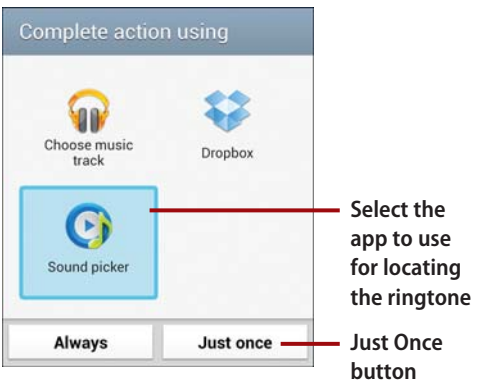
4. Select the ringtone that you want to use and tap OK. Select Default Ringtone (at the top of the list) only if you want to use the default ringtone for this contact.



Using Sound Files as Ringtones

If the ringtone you want to use does not appear in the Ringtones dialog box, tap Add. If the Complete Action Using dialog box appears, select the app that you want to use to locate the ringtone—for example, Choose Music Track or Sound Picker—and tap Just Once. When the app opens, navigate to the ringtone or sound file, select it, and tap OK.

5. The selected ringtone is associated with the person's contact record.

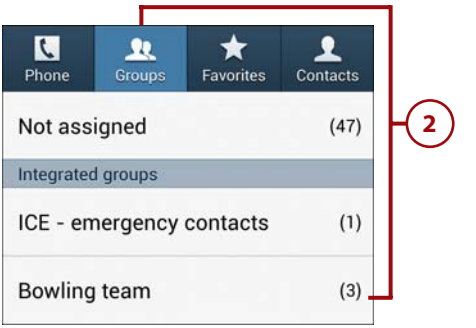


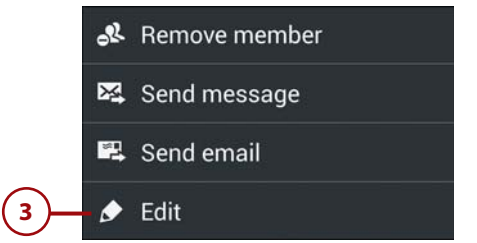
Assigning a Ringtone to a Contact Group

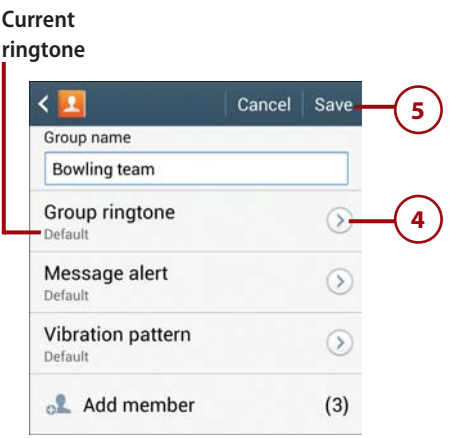
You can also associate a distinctive ringtone with all members of a contact group. (To learn about groups, see "Working with Contact Groups" in Chapter 5.)

1. On the Home screen, tap the Contacts icon.

2. Tap the Groups tab to display the list of defined groups, and tap a group to show its members.
3. Press the Menu key and tap Edit.
4. Tap Group Ringtone and select a ringtone as described in step 4 of the previous task ("Assigning a Ringtone to a Contact").
5. Tap the Save button.







>>>Go Further

WHICH RINGTONE HAS PRECEDENCE?

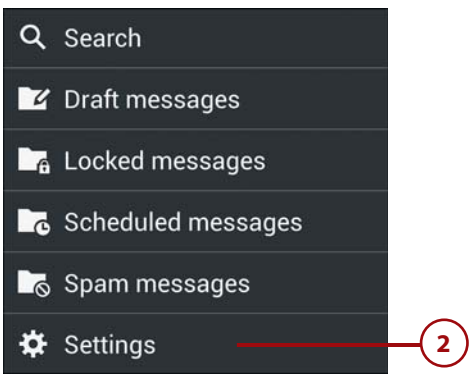
After reading the material in this section, you might be wondering what happens when a person is associated with *multiple* ringtones. For instance, although Bob may have been assigned a personal ringtone, he may also be a member of a group that has a different ringtone associated with it. The answer is that *a contact record ringtone always has precedence.*

Thus, if a caller has no personal ringtone and doesn't belong to a group that has a ringtone, his calls are announced by the default ringtone. If the person belongs to a group with a ringtone and he doesn't have a personal ringtone, the group ringtone plays. Finally, if a person belongs to a group with a ringtone and he also has a personal ringtone, the personal ringtone plays.

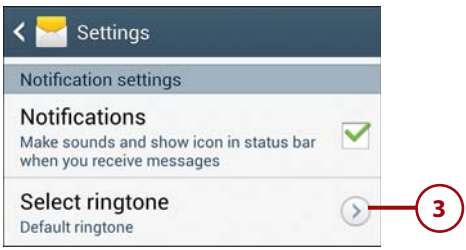
Assigning a Default Messaging Ringtone

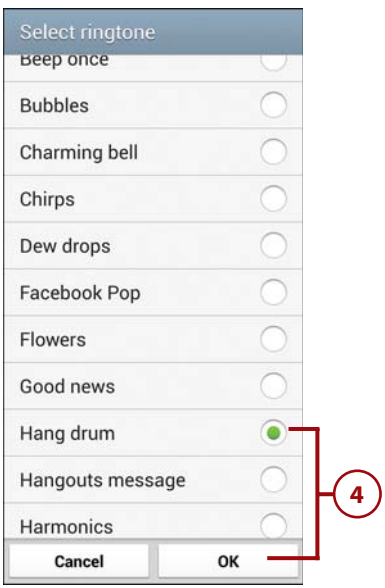
You can also select a ringtone to announce new text and multimedia messages.

1. On the Home screen, tap the Messaging icon.
2. On the main Messaging screen, press the Menu key and tap Settings.



3. Scroll to the Notification Settings section, and tap Select Ringtone.
4. Select a sound effect from the scrolling list and tap OK. (If you'd rather not have a messaging ringtone, select Silent.)



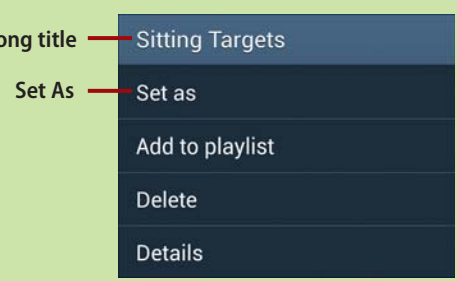


>>>Go Further

CREATING RINGTONES FROM SONGS

You can also use a song that's stored on your phone as a ringtone.

1. Launch Music, and press and hold the song title.



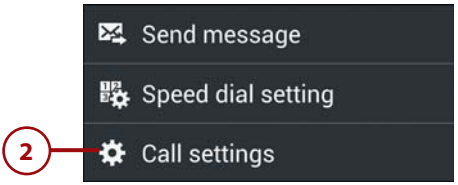
2. In the dialog box that appears, tap Set As.
3. Tap From the Beginning or Auto Recommendations to specify the part of the song to play as the ringtone.
4. In the Set As section, tap Phone Ringtone to use the song as the default ringtone for incoming calls. Tap Caller Ringtone to play the song whenever you receive a call from a particular person in Contacts. Tap Alarm Tone to use the song as the alarm tone for an alarm you're about to create in the Clock app.
5. Tap OK.

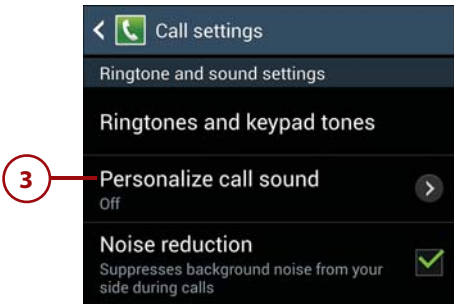
Personalize Your Call Sound

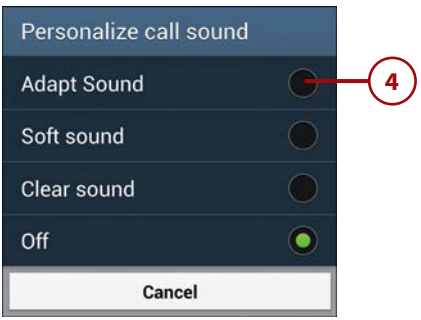
You can personalize the call sound by adjusting the sound balance. This enables you to compensate for hearing loss in one or the other ear or in the upper or lower ranges.

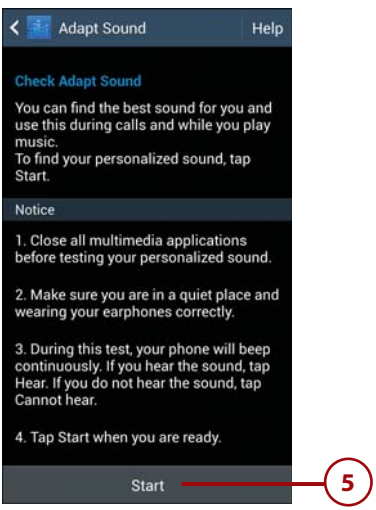
1. On the Home screen, tap the Phone icon.

2. In the Phone app, press the Menu key and tap Call Settings.
3. Tap Personalize Call Sound.
4. Do either of the following:
   - To set up a personalized sound balance, tap Adapt Sound and perform the remaining steps in this task.
   - Tap Soft Sound, Clear Choice, or Off, and skip the remaining steps.
5. Plug in your headphones, put them in or on your ears, and tap Start.

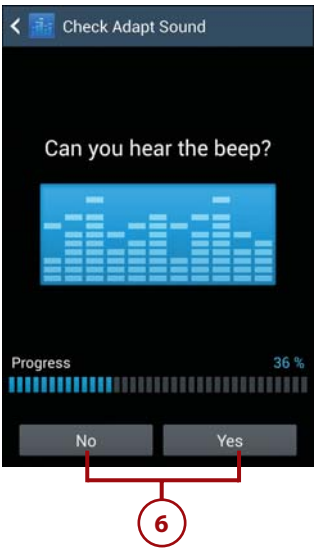


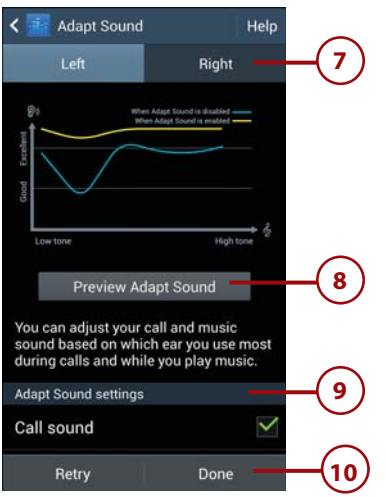


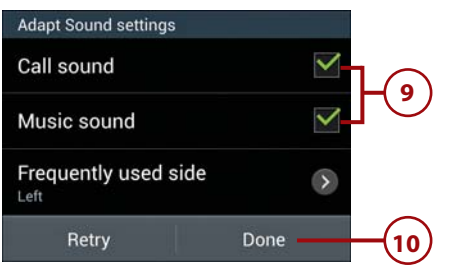




6. Listen for the tones your phone is playing. Tap Yes if you can hear each tone; tap No if you cannot.
7. On the Adapt Sound screen that appears at the end of the test, tap Left or Right to see a graph of the results for that ear.
8. Tap Preview Adapt Sound to hear audio with the adaptation applied. If the result isn't satisfactory, tap Retry to go back to step 5 and try again.
9. *Optional:* In the Adapt Sound Settings section of the screen, tap check boxes to indicate where you want to enable Adapt Sound—on phone calls and/or when playing music. If you tend to use one ear when you're on calls, tap Frequently Used Side and select your favored side.
10. Tap Done when you are satisfied with the results.







Using Voice Services

If you don't like tapping and typing (or are driving, making such activities dangerous and probably illegal), you can use S Voice, Voice Control, and Google Search/Voice Actions to control the phone. Note that Voice Control and Google Search run independently of S Voice.

S Voice and S Voice Driving Mode

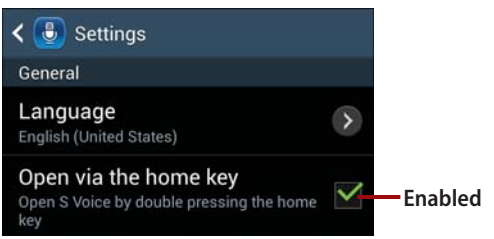
S Voice is a voice app that enables you to ask questions in natural language ("Where can I find pizza?") and launch apps ("Open Calculator"). The result may be a direct answer, a web search, or the launch of an appropriate app, such as Maps. You can also turn on S Voice's Drive mode for hands-free navigation.

S Voice

1. *First Run Only:* Launch S Voice by tapping Apps, followed by S Voice.

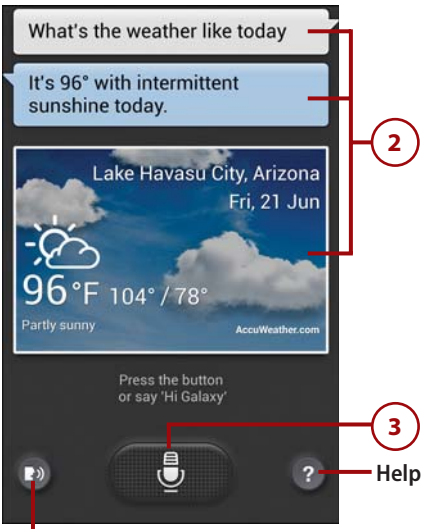
Subsequent Launches

You can configure S Voice so that you can subsequently launch it by double-tapping the Home key, as well as by tapping the S Voice icon. With S Voice running and onscreen, press the Menu key, tap Settings, and enable Open Via the Home Key.



2. The S Voice screen appears. Say your first question or command. For example, you might ask, "What's the weather like today?" to see the weather forecast for your city. S Voice displays the information it finds.

3. To ask S Voice the next question or give it a new command, tap the microphone button or say the wake-up phrase. ("Hi, Galaxy" is the default phrase.)



S Voice Command Help

If you want assistance with question phrasing and app commands, tap the Help icon; say "Help"; or press the Menu key, tap Settings, and tap Help.

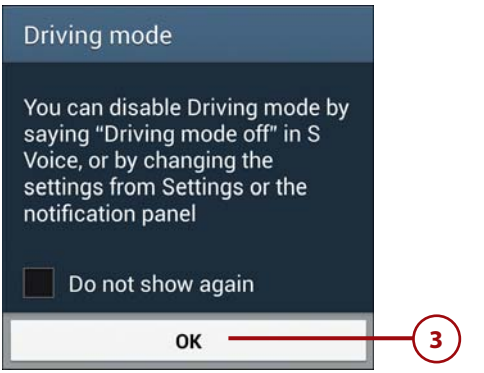
Be sure to check out the other settings, too. You can change the wake-up command, show or hide offensive words, and set your home address, for example.

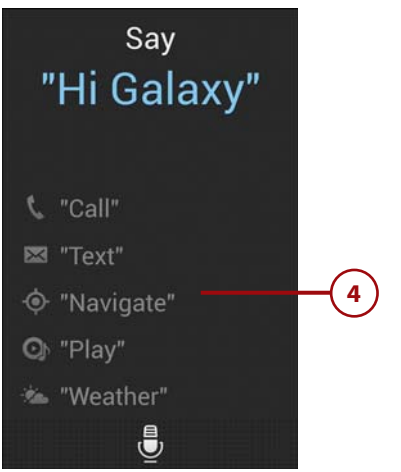
S Voice Driving Mode

S Voice Driving mode is a hands-free mode in which you can control the phone with your voice. Driving mode has a simplified interface with larger text, so you can easily read the prompts when the phone is mounted on your dash. In Driving mode, your phone automatically speaks notifications to make you aware of them.

To switch to Driving mode:

1. To activate S Voice, press the Home key twice or tap Apps, followed by S Voice.
2. Say "Driving mode on."
3. The S Voice screen switches to Driving mode. Read the Driving Mode dialog box, and tap OK to dismiss it.
4. To give a command, say "Hi, Galaxy" (or the wake-up phrase you've set) and then speak the command. For example, say "Navigate to Phoenix, Arizona."
5. When you finish using Driving mode, say "Hi, Galaxy" to get S Voice's attention and then say "Driving mode off." S Voice restores its regular screen and announces that it has deactivated Driving mode.

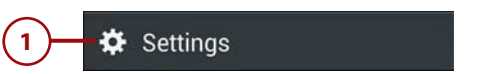




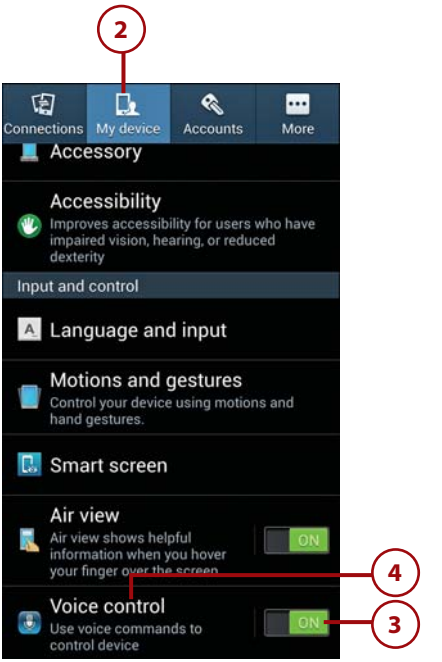
Voice Control

When Voice Control is enabled, you can use voice commands to control Phone, Clock, Camera, and Music. (Some carriers may also support voice control of other apps, such as ChatON.)

1. On the Home screen, press the Menu key and tap Settings.

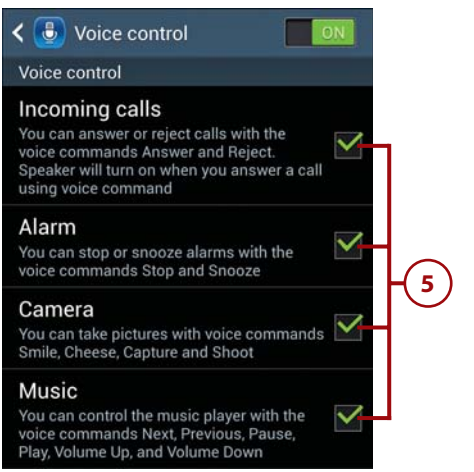


2. Select the My Device tab.
3. Scroll to the Input and Control section. Enable Voice Control by moving its slider to the On position, and tap OK to dismiss the Voice Control dialog box that appears.
4. To specify the apps that you want to control, tap Voice Control.
5. On the screen that appears, add or remove check marks to enable/disable Voice Control in each app.



Supported Voice Commands

Review the screen for examples of supported voice commands, such as Pause, Play, and Next in Music. You must launch the appropriate app and make it active before saying commands; they don't work from the Home screen or within other apps.

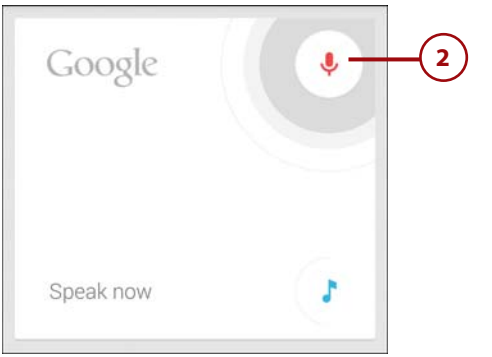


Google Voice Search

Using the voice input feature of Google Search, you can perform a web search, find people in Contacts, or issue commands—called *voice actions*—to apps.

1. On a Home screen page that contains the Google Search widget, tap the microphone icon to its right. (From the Home screen, you can also tap Apps, followed by Voice Search.)

2. Say the search text, such as "Samsung Galaxy S 4," or issue a voice action command, such as "Listen to Talking Heads," "Call Jameson Auto Body," or say the name of a person or company in Contacts.



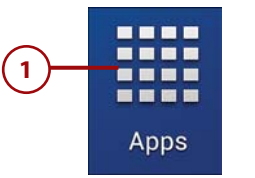
Reminders and Notes

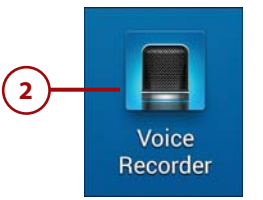
A particularly useful voice command is "Note to self," followed by the note text. Whatever you say is automatically sent to your Gmail account as both an audio and a text note.

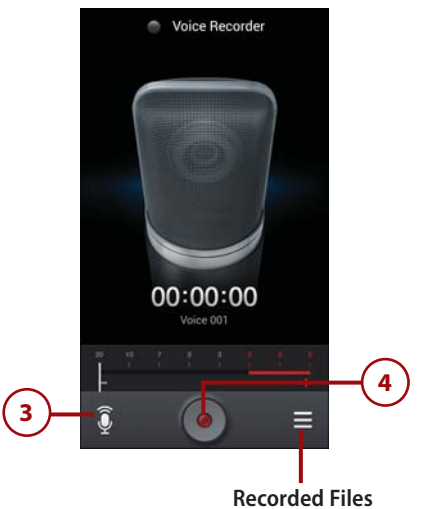
Voice Recorder

When you need to make a voice note or capture some audio, you can use the Voice Recorder app.

1. On the Home screen, tap Apps.
2. Tap Voice Recorder.
3. Tap the microphone icon to switch between Normal and High quality recording. When High quality is enabled, the icon has two white arcs above it.
4. Tap to start recording.







5. Tap to stop the recording.
6. In the Recorded Files list, tap the recording to listen to it.

>>>Go Further

INTERESTING NEW APPS: S HEALTH, S TRANSLATOR, AND OPTICAL READER

Your Samsung Galaxy S 4 includes several new, special-purpose apps: S Health, S Translator, and Optical Reader.

- *S Health*. S Health is a health-monitoring app that includes a health diary and exercise-logging, weight-recording, and food-tracking features.
- *S Translator*. S Translator is a translation app that can translate text between English, French, German, Spanish, Japanese, Korean, and Simplified Chinese. You can either type the text or speak it. In addition to working as a standalone app, you can summon it from within Messaging and Email to translate incoming or outgoing messages.
- *Optical Reader*. Optical Reader is a handy app that uses your phone's rear camera to read text, such as words you want to look up, contact information you want to scan, or QR (Quick Response) codes that you want to follow.

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Index

Symbols

911 calls, 110

A

AAC (protected) codec, 327
accepting calls, 119-121
accessing
  app settings, 77
  menus, 287
  system settings, 77
  voicemail, 127-128
accounts
  calendar, adding to Calendar app, 172-173
  email
    adding, 220-224
    deleting, 230-231
    editing settings, 225-230
    troubleshooting, 224
  for synchronization, adding, 445
  Gmail, 24-28
    creating, 24-26
    multiple accounts, adding, 248
    registering, 26-28
  removing, 277
  Samsung, creating, 28-30
  viewing contacts from, 169
Adapt Sound feature, configuring, 134-135
adding
  accounts for synchronization, 445
  calendar accounts to Calendar app, 172-173
  contact group members, 155
  content feeds to Flipboard, 278
  email accounts, 220-224
  email attachments, 241-242
  email inserts, 242-243
  fields to contact records, 142
  folders to Home screen, 71-72
  Home screen pages, 66-67
  multiple Gmail accounts, 248
  music to playlists, 329, 333-334
  photos to contact records, 145-146
  shortcuts to Home screen, 67-69
  social networking accounts to Flipboard, 276-277
  songs to playlists, 336
  subjects for text messages, 257
  text message recipients, 255
  widgets, 69-70
Address Book (Mac)
  contacts, exporting, 165
  synchronization, 436-437
addresses (web), 197
  editing for bookmarks, 210
  typing, 197-198

Add Shortcut command (Internet app), 214
adjusting. *See* changing
Adult Swim video app, 380-381
Air Call Accept, 120
Air Gesture settings, 81-82
  Air Browse, 82
  Air Call Accept, 82
  Air Jump, 81, 202
  Air Move, 82
  Quick Glance, 81
Airplane Mode, 130-131
alarms, setting, 187
album art, iTunes, 338
alerts
  Call Alerts, 132
  emergency alert settings, 273
Amazon Appstore
  browsing, 302
  collecting app usage data, 306
  customizing, 305-306
  downloading apps from, 302-304
  installing, 300-301
  menu commands, 306-307
  updating apps, 313
ambient light sensor, 8
Android Beam, 428
Android Market. *See* Google Play
Android operating system, 39
  checking version, 497
  version 4.2.2, 9
Animated Photo shooting mode, 359
answering calls, 32, 119-124
anti-shake for photos, 355
antivirus apps, 464
Application Manager, uninstalling apps, 309
apps, 9, 283
  Amazon Appstore
    customizing, 305-306
    installing, 300-301
    menu commands, 306-307
  antivirus, 464
  Back key usage, 47
  Calendar, 171
    adding accounts, 172-173
    events, creating, 174-178
    managing events/tasks, 186-187
    responding to reminders, 187-189
    setting preferences, 190-192
    synchronizing, 191
    tasks, creating, 178-180
    views, 180-184
    widgets for, 185
  Camera
    launching, 348
    recording videos, 395-398
    settings, 352-361
  ChatON, 281
  Contacts, 137
    adding photos to contacts records, 145-146
    backing up data, 159-162
    creating contact records, 140-144
    deleting contact records, 152-153
    display options, 168-169
    editing contact records, 148
    finding text message recipients, 255
    groups, 153
    interface, 138-139
    joining and separating contact records, 150-151
    marking contact records as favorites, 151-152
    restoring data, 162-165
    Send Email/Send Message commands, 167-168
    setting contact record defaults, 149
    viewing contacts, 146-147
  contextual menus, 288
  downloading and installing
    from Amazon Appstore, 302-304
    enabling other sources, 299
    from Google Play (Play Store), 293-298
  Email
    launching, 233
    retrieving email, 231-232
    setting up email account, 220
  exiting, 288, 293
  Favorite Apps palette, editing, 459
  Flipboard
    adding accounts, 276-277
    adding content feeds, 278
    viewing and interacting with content feeds, 279-280
  folders for, creating, 76
  Force Stop command, 485
  Gallery, 363-370
    emailing photos from, 420-422
    launching, 350
    reviewing photos immediately, 361-362
  Gmail, 248-251
  GPS-enabled apps, 315, 483

Group Play
settings, 342
sharing photos, 366
sharing songs, 339-343
troubleshooting, 343
Home key usage, 46
Home screen shortcuts, creating, 67-68, 308
imo (chat app), 281
Internet
configuring, 216
creating bookmark folders, 211
creating bookmark shortcuts, 69
creating bookmarks, 208-209
deleting bookmarks, 212-213
editing bookmarks, 210
following links, 198
incognito browsing, 206-207
launching, 196-197
menu commands, 214-215
moving bookmarks into folders, 211-212
portrait/landscape view, 202
privacy, 216
refreshing page, 204
searching for web pages, 200-201
setting home page, 216
sharing, 214
Smart Screen, 202
typing web addresses, 197-198
viewing pages, 201-207
visiting bookmarked, recent, saved pages, 199-200
Kies Air, 407
launching, 284-286
moving to memory card, 313
menus, accessing, 287
Messaging
composing multimedia messages, 261-263
composing text messages, 254-260
configuring, 270-275
continuing conversations, 265
deleting conversations, 266
deleting text messages, 267-270
new message notifications, 263-264
options for text messages, 268-269
reviewing conversations, 266
tips for, 275
Music
playing songs, 328-339
Settings menu, 339
speaker fidelity improvements, 338
navigating within, 284, 289
Pandora Internet Radio, 344
paying for, 295, 303-304
permissions, 295, 304, 464
Phone, opening from Contacts, 138
Photo Editor, 372-375
Play Music, 328
primary shortcuts, 44
requesting refunds from Google Play, 296
returning to Home screen, 288
running apps list, options, 478
running during phone calls, 127
running multiple apps, 290-292
settings, accessing, 77
shortcuts, 44
for social networking, 276, 280
streaming video, 380-381
switching among, 289-290
synchronization apps, 438
troubleshooting, 498
uninstalling, 308-311
with Application Manager, 309
with Google Play, 311
with Task Manager, 310
updating, 312-313
Video
playing videos, 383-395
Video Player versus, 383
viewing battery usage, 484
WatchON, configuring, 474-475

Apps primary shortcut, 44

Apps tab, 11

Apps view
customizing, 74-76
navigating, 284

area codes, dialing, 31

assigning
contacts to groups, 143
ringtones
to contact groups, 85-87
to contacts, 84-85
speed dial number, 112

attachments to email
adding, 241-242
downloading automatically, 229
forwarding, 228, 240
viewing and saving, 234-235

audio
Adapt Sound feature, configuring, 134-135
Voice Recorder, 96-97

automated answering systems, inserting pause and wait commands when dialing calls, 118-119

Auto Redial, configuring, 133

auto-rotate feature, enabling, 54

Auto shooting mode, 358

B

background image (wallpaper), changing, 64-65

backing up contact records, 159-162
- to memory card, 161
- merging with Google Contacts or Samsung account, 159-160
- to SIM card, 160-161
- to USB memory, 162
- what to back up, 162

Back key, 8, 47, 289

battery, charging, 12-13, 483

battery usage, conserving, 480-485
- GPS-enabled apps, 483
- manual conservation tips, 481-483
- notifications, 481
- Power Saving Mode, 480-481
- viewing usage by apps, 484

BCC (blind carbon copy), 228, 237

Beauty Face shooting mode, 361

Best Face shooting mode, 360

Best Photo shooting mode, 360

BlackBerry, transferring data from, 15

blocking caller ID information, 116

Bluetooth
- destination folder, selecting, 419
- headsets, 20-23
  - *configuring phone for, 133*
  - *enabling, 126*
  - *in-call options, 23*
  - *making calls, 22*
  - *pairing with phone, 21*
- icon, 418
- tethering, 470
- transferring files, 413-419
  - *pairing phone and computer, 413-415*
  - *sending files from computer to phone, 415-416*
  - *sending files from phone to computer, 416-418*

bookmarks
- creating, 208-209
- creating folders for, 211
- creating shortcuts for, 69
- deleting, 212-213
- display options, 199
- editing, 210
- history list, 209
- managing, 199
- organizing in folders, 211-212
- visiting bookmarked pages, 199-200

Bookmark widget, 70

Briefing widget, 185

broadcast messages, settings, 273

browsers
- Back key usage, 47
- default browser, setting, 196
- Google Chrome, 195
- Internet app
  - *configuring, 216*
  - *creating bookmark folders, 211*
  - *creating bookmark shortcuts, 69*
  - *creating bookmarks, 208-209*
  - *deleting bookmarks, 212-213*
  - *editing bookmarks, 210*
  - *following links, 198*
  - *incognito browsing, 206-207*
  - *launching, 196-197*
  - *menu commands, 214-215*
  - *moving bookmarks into folders, 211-212*
  - *portrait/landscape view, 202*
  - *privacy, 216*
  - *refreshing page, 204*
  - *searching for web pages, 200-201*
  - *setting home page, 216*
  - *sharing, 214*
  - *Smart Screen, 202*
  - *typing web addresses, 197-198*
  - *viewing pages, 201-207*
  - *visiting bookmarked, recent, saved pages, 199-200*

Burst Shot photos, 355

C

Calendar app, 171
- accounts, adding, 172-173
- events
  - *creating, 174-178*
  - *editing repeat events, 187*
  - *managing, 186-187*
- multiple calendars, 175
- preferences, setting, 190-192
- reminders, responding to, 177, 187-189
- synchronizing, 191
- tasks
  - *creating, 178-180*
  - *managing, 186-187*
  - *sorting, 183*
- views, 180-184
- widgets for, 185

Calendar widget, 185

Call Alerts, configuring, 132

Caller ID
- blocking, 116
- configuring, 133

call forwarding, 122-124

call logs
deleting entries, 107
dialing calls from, 104-107
icons, 106
options, 107
viewing from Contacts, 104
Call Rejection, enabling/disabling, 132
calls
Adapt Sound feature, configuring, 134-135
Air Call, 120
cost based on time/location, 488
cost versus texting, 488
dialing, 31
blocking caller ID information, 116
country codes, 100-101
emergency calls, 110-111
from call log, 104-107
from email message links, 108-109
from text message links, 108
inserting pause and wait commands, 118-119
quick dialing techniques, 109
speed dialing, 111-116
three-way calling, 117-118
with Bluetooth headsets, 22
with Contacts record, 102-103
without Contacts record, 100-102
hanging up, 32, 126
in-call options, 124-127
for Bluetooth headsets, 23, 126
end call, 126
hold, 125
keypad, accessing, 125
mute, 126
noise reduction, 125
notification panel, 126
personalized call sound, 125
speaker, 125
volume, adjusting, 125-126
missed calls, 133
mute/vibrate, enabling, 129-130
receiving, 32, 119-124
accepting/rejecting calls, 119-121
call forwarding, 122-124
call waiting, 121
mute/vibrate, enabling, 129-130
rejecting, 32
returning/redialing, 104-105
ringtone, muting, 121
settings, configuring, 131-134
voicemail, accessing, 127-128
Wi-Fi calling, 119
call sound, customizing, 89-91
call waiting, 121
Camera app
launching, 348
recording videos, 395-398
settings, 352-361
Quick Settings, 352-353
Settings dialog box, 354-357
shooting modes, 358-361
using flash, 356
cameras. *See also* photos; videos
connecting phone to PC as, 410
flash, 8, 353
front camera, 8, 348-350
rear camera, 8, 350-352
capitalization when entering text, 53
case sensitivity of passwords, 453
CC (carbon copy), 228, 237
cell broadcast settings, 273
changing. *See also* editing
default language, 36-37
email account settings, 225-230
equalizer settings, 331
group settings, 154
input methods, 55
language, 56
for voice input, 59
message read status, 246
number dialed, 101
personal message on lock screen, 458
playlist song order, 337
ringtones, 133
screen locking method, 448-457
search engines, 201
voicemail settings, 128
volume, 18-19
for Bluetooth headsets, 22
in Group Play app, 342
of music, 331
wallpaper, 64-65
character preview, 56
charging the battery, 12-13, 483
chat. *See also* texting
dedicated apps for, 281
video chat, 399
ChatON, 281
choosing. *See* selecting
Chrome, 195
clearing lock screen, 462-463
Clear Memory command, 479
Clipboard
copying photos to, 369
material
deleting, 61
pasting, 61

clock on lock screen, showing/hiding, 458
closing Notification panel, 48
color, adjusting in photos, 374
Complete Action Using dialog box, 196, 319
completed tasks, marking, 187
composing
  multimedia messages, 261-263
  new email message, 237-239
  text messages, 254-260
conditional call forwarding, 123
configuring. *See also* options; settings
  Adapt Sound feature, 134-135
  Calendar app settings, 190-192
  Call settings, 131-134
  email account settings, 225-230
  Gmail settings, 249
  Internet app, 216
  Messaging app, 270-275
  Power Saving Mode, 480-481
  reminders for events, 177
  voicemail, 23-24
  WatchON app, 474-475
connected Wi-Fi network, viewing, 34
connecting to computer. *See* Bluetooth; USB; Wi-Fi
connection methods (Internet)
  setting manually, 33
  Wi-Fi
    forgetting networks, 36
    selecting network, 34-36
    viewing network information, 36
connections in Group Play app, disconnecting, 343
connection speeds, testing, 470
conserving battery, 480-485
  GPS-enabled apps, 483
  manual conservation tips, 481-483
  Power Saving Mode, 480-481
  viewing usages by apps, 484
contact groups, 138, 153
  adding/removing members, 155
  assigning
    contacts to, 143
    ringtones to, 85-87
  creating, 153-154
  deleting, 157-158
  emailing/texting, 155-156, 259
  reordering, 157
contact info for text message recipients, 256
contact records
  adding photos to, 145-146
  assigning to groups, 143
  backing up, 159-162
    merging with Google Contacts or Samsung account, 159-160
    to memory cards, 161
    to SIM card, 160-161
    to USB memory, 162
    what to back up, 162
  call logs, viewing, 104
  creating, 140-144
  deleting, 152-153
  dialing calls from, 102-103
  dialing calls without, 100-102
  editing, 148
  exporting from other sources, 165
  favorites, 138, 151-152
  fields, adding, 142
  filtering in email, 238
  groups, 138, 153
    adding/removing members, 155
    creating, 153-154
    deleting, 157-158
    emailing/texting, 155-156
    reordering, 157
  importing into Google Contacts, 165-167
  joining and separating, 150-151
  on Mac, synchronization, 436-437
  restoring, 162-165
    from memory card, 163-164
    from SIM card, 162-163
    from USB backup, 164
    problems with, 165
  ringtones, selecting, 84-85, 143
  setting defaults, 149
  speed dial numbers
    assigning, 112
    dialing, 115-116
    rearranging, 115
    removing, 114
    replacing, 113
  viewing, 146-147
Contacts app, 137. *See also* contact records
  backing up data, 159-162
  display options, 168-169
  groups, 153
    adding/removing members, 155
    creating, 153-154
    deleting, 157-158
    emailing/texting, 155-156
    reordering, 157
  interface, 138-139
  restoring data, 162-165
  Send Email/Send Message commands, 167-168
  shortcut, 44
  text message recipients, selecting, 141, 156, 255
Contact widget, 70

content feeds in Flipboard
adding to, 278
viewing and interacting, 279-280
contextual menus, 288
continuing conversations, 265
control panel (for Samsung Kies), 404
conversations, Messaging, 254
continuing, 265
deleting, 244, 266
reviewing, 266
starting, 259-260
conversation view (Email), standard view versus, 235-236
converting DVDs for playback, 388-394
copying
files with Samsung Kies, 405
iTunes music, 338
outgoing email messages, 228
photos to Clipboard, 369
text from web pages, 61
copy-protected songs, 327
cost
of calls based on time/location, 488
texting versus calling, 488
country codes, 100-101
dialing, 31
when to dial, 123
cover release, 7
cropping photos, 369, 373
current location, checking, 318
custom Contacts views, 169
customizing, 10. *See also* settings
Amazon Appstore, 305-306
Apps view, 74-76
call sound, 89-91
Google Play, 296-298
Home screen, 64-74
folders, adding, 71-72
primary shortcuts, 74
rearranging, removing, adding pages, 66-67
repositioning and removing items, 72-73
shortcuts, adding, 67-69
wallpaper, selecting, 64-65
widgets, adding, 69-70
Multi Window feature, 292
Quick Settings, 353
system settings, 11-12

D

dark display
preventing in Group Play app, 343
restoring, 16
data, transferring from other phones, 15
data connection methods
setting manually, 33
Wi-Fi
forgetting networks, 36
selecting network, 34-36
viewing network information, 36
data limits, 33
data synchronization. *See* synchronization
data usage
checking, 485-486
managing, 486-488
monitoring, 34
Date and Time settings, 78
Day view (Calendar app), 182
dedicated apps. *See* apps
default
browser, setting, 196
camera settings, restoring, 357
email account, setting, 227
incoming call ringtone, setting, 82-83
language, changing, 36-37
messaging ringtone, setting, 87-88
notification ringtone, setting, 83-84
phone number for call forwarding, 122
contact record fields, setting, 149
text message settings, restoring, 275
deleting
apps from folders, 76
bookmarks, 212-213
call log entries, 107
Clipboard material, 61
contact group members, 155
contact records, 151-153
conversations, 266
downloads, 198
email, 243-244
email accounts, 230-231
events/tasks, 186-187
folder items, 72
groups, 157-158
Home screen items, 72-73
Home screen pages, 66-67
music, 329
notifications, 48
personal message on lock screen, 458
photo edits, 373
photos, 367
from multiple folders, 371
playlists, 337
POP3 email from server, 223
primary shortcuts, 74
shortcuts, 68
social networking accounts, 277
songs from playlists, 334, 336
speed dial number, 114
text messages, 267-270

Desktop View command (Internet app), 215
destination setting in Google Navigation, 318
destination folder for Bluetooth, selecting, 419
dialing calls, 31
  blocking caller ID information, 116
  country codes, 100-101
  emergency calls, 110-111
  from call log, 104-107
  from email message links, 108-109
  from text message links, 108
  inserting pause and wait commands, 118-119
  quick dialing techniques, 109
  speed dialing, 111-116
  three-way calling, 117-118
  with Contacts record, 102-103
  without Contacts record, 100-102
dialing prefixes. *See* country codes
dialog boxes, Back key usage, 47
dictation. *See* voice input
dimmed displays, restoring, 16
Direct Call (Motion setting), 79
Direct Dial widget, 70
directions
  with Google Local, 322-325
  with Google Navigation, 317-321
Direct Message widget, 70
disabling
  Airplane Mode, 131
  call forwarding, 124
  call rejection, 132
  GPS (Global Positioning System), 316
  mobile data, 486
  Multi Window feature, 290
  Smart Pause, 385
  Wi-Fi, 33
disconnecting
  from Group Play app, 343
  USB-tethered phones, 473
dismissing
  dialog boxes, 47
  keyboard, 47, 53
  lock screen, 16
  Notification panel, 47
  options menus, 47
  reminders, 189
displaying. *See* viewing
display options
  Calendar app, 180-184
  Contacts app, 168-169
  Gallery app, 363
  text messages, 272
displays
  dark displays
    preventing in Group Play app, 343
    restoring, 16
  dimmed displays, restoring, 16
double tap, 50, 92
doubleTwist, 412
downloaded apps, viewing, 284
downloading
  apps
    enabling other sources, 299
    from Amazon Appstore, 302-304
    from Google Play, 293-298
  attachments automatically, 229
downloads
  defined, 407
  removing, 198
drafts, saving text messages as, 257
dragging, 51
  Home screen indicator, 42
Drama shooting mode, 359
duplicate contact records, 164
duplicating letters in Swype, 54
DVDFab/DVD Ripper, 388
  profiles, creating, 394
DVDs, converting for playback, 388-394. *See also* videos

E

e911 (Enhanced 911), 110
earpiece, 7
Easy Mode, 9
  switching to Standard mode, 43-44
editing. *See also* changing
  bookmarks, 210
  contact records, 148
  events/tasks, 186-187
  Favorite Apps palette, 459
  photos
    Gallery app, 363-370
    Photo Editor app, 372-375
  playlist titles, 337
  Quick Settings (in Camera app), 353
  text, 60-61
  Text Templates phrases, 258-259
effects (photos), 349, 351, 374
ejecting USB-tethered phones, 473
email
  accounts
    adding, 220-224
    creating subfolders, 246
    deleting, 230-231
    editing settings, 225-230
    troubleshooting, 224

attachments
adding, 241-242
viewing and saving, 234-235
creating new message, 237-239
deleting, 243-244
POP3 email from server, 223
favorites, marking, 247-248
flags, 248
formatting messages, 238
forwarding, 240
Gmail app, 248-251
images, showing, 230
inserts, adding, 242-243
message links, dialing calls from, 108-109
message read status, changing, 246
moving between folders, 245-246
photos, sharing, 366, 420
reading, 232-234
replying to, 239
retrieving, 231-232
size limitations, 227
sending
to contacts, 167-168
to groups, 155-156
songs, sharing, 422
spam, avoiding, 230
standard versus conversation view, 235-236
subfolders, creating, 246
synchronization options and schedules, 439-445
texting to email addresses, 260
transferring files, 419-423
photos from Gallery, 420-422
songs from My Files, 422-423
unread email, 246

Email app
launching, 233
retrieving email, 231-232
setting up email account, 220

embedding links in text messages, 260

embellishments, adding to photos, 375

emergency alert settings, 273

emergency calls, 110-111

emoticons in text messages, 257

enabling
Air Gesture, 81-82
Airplane Mode, 130-131
auto-rotate feature, 54
Bluetooth headsets, 126
Call Rejection, 132
Face Unlock, 454-456
GPS (Global Positioning System), 316
Increase Volume in Pocket, 134
Motion and Palm Motion settings, 78-80
Multi Window feature, 290
mute/vibrate, 129-130
noise reduction, 134
other app sources, 299
Power Saving Mode, 480-481
Quick Settings, 48
shutter sound, 357
Smart Pause, 385
voice input, 57
voice recognition for lock screen, 455
Zoom feature, 366

encoding videos, quality settings, 392

End/End All commands, 478

ending calls, 32, 126

entering text, 52-59
tapping keyboard, 52-53
typing tips, 54-61
voice input, 57-59
with Swype, 54

episodic DVDs
converting for playback, 390
settings, 391

equalizer settings, changing, 331

Eraser, 358, 375

events, Calendar
creating, 174-178
defined, 174
editing repeat events, 187
managing, 186-187
reminders, responding to, 187-189
searching for, 183

Exchange Server synchronization strategy, 434

exiting
apps, 288, 293
dialog boxes, 47

exporting contact records from other sources, 165

exposure values for photos, 356

extended Home screen, 42

extracting text from photos, 370

F

Face Detection, 355

Face Unlock
enabling, 454-456
unlocking lock screens, 463

factory data reset, 500-501

fast-forwarding
music playback, 330
video playback, 384-385

Favorite Apps palette, editing, 459

favorites, 138
contact records, 151-152
email, 247-248
photos, 368
songs, 334
WatchON channels, 475

fields, adding to contact records, 142

file-handling systems, 412
files
in Bluetooth folder, 416
finding, 411
selecting all, 417
transferring
between phones, 423-430
via Bluetooth, 413-419
via email, 419-423
via USB, 408-412
via Wi-Fi, 402-407
file size for multimedia messages, 261
filtering contacts in Email, 238
finding. *See also* searching
files, 411
model number, 471
song files in folders, 423
Find on Page command (Internet app), 215
flagging email messages, 247-248
flash, 8
photos, 356
video recording, 397
flick, 50
Flipboard, 276
accounts, adding, 276-277
content feeds
adding, 278
viewing and interacting with, 279-280
flipping photos, 357, 373
focus, setting for photos, 351
folders
adding to Home screen, 71-72
email
creating subfolders, 246
moving between, 245-246
for apps, creating, 76
for bookmarks
creating, 211
moving bookmarks into, 211-212
for photos, viewing list of, 364
photos
selecting all, 417, 421-430
sharing/deleting, 371
song files, finding, 423
Force Stop command, 485
forgetting Wi-Fi networks, 36
formatting
email messages, 238
memory cards, 493
forwarding
calls, 122-124
email, 240
email attachments, 228, 240
front camera, 8
shooting photos, 348-350
video recording with, 398
frozen screen, troubleshooting, 499

G

Galaxy Note/Note II phones, transferring data from, 15
Galaxy S II/III phones, transferring data from, 15
Gallery app, 363-370
emailing photos from, 420-422
launching, 350
reviewing photos immediately, 361-362
switching views, 363
gestures
Air Call Accept, 120
Air Gesture, 81-82
on touchscreens, 49-52
gesture sensors, 8
gift cards in Amazon Appstore, 305
Global Positioning System. *See* GPS (Global Positioning System)
Gmail accounts, 24-28
creating, 24-26
registering, 26-28
Gmail app, 248-251
Gmail synchronization strategy, 435
Google Chrome, 195
Google Contacts
importing contact records from other sources, 165-167
merging contact records with, 159-160
Google Local
directions with, 322-325
interchanging with Google Navigation/Google Maps, 317
Google Maps, interchanging with Google Navigation/Google Local, 317
Google Navigation
interchanging with Google Maps/Google Local, 317
options, 320-321
turn-by-turn directions, 317-321
Google Play, 293-298
customizing, 296-298
uninstalling apps, 311
updating apps, 312-313
website usage, 298
Google Play Music app, 328
Google synchronization strategy, 435
Google Voice Search, 95-96
Google Voice Typing, 55
Google Wallet, 295
GPS (Global Positioning System), 315
audio, 324
battery usage, 483
enabling/disabling, 316
search, 323
tagging photos, 355, 357

turn-by-turn directions
with Google Local, 322-325
with Google Navigation, 317-321

grid view (of Contacts Favorites), list view versus, 139

Group Play app
settings, 342
sharing photos, 366
sharing songs, 339-343
troubleshooting, 343

groups. *See* contact groups

guidelines on Camera viewfinder, 356

H

hanging up calls, 32, 126

hardware, 6-8
ambient light sensor, 8
Back key, 8
earpiece, 7
flash, 8
front camera, 8
gesture sensors, 8
headset jack, 8
Home key, 8
memory cards, 8
Menu key, 8
microphone, 7
Power button, 7, 13
proximity sensor, 8
rear camera, 8
status light, 8
touchscreen, 8
USB power/accessory connectors, 8
Volume control, 7

hardware keys, 45-47
Back key, 8, 47, 289
Home key, 8, 45-46, 288
lighting, 287
Menu key, 8, 45, 287

HDR (High Dynamic Range) shooting mode, 359

HDTV
mirroring phone on, 473-475
WatchON app, configuring, 474-475

headphones, wired, 20

headset jack, 8

headsets
Bluetooth, 20-23
enabling, 126
in-call options, 23
making calls, 22
pairing with phone, 21
configuring phone for, 133
wired, 20

health-monitoring app (S Health), 97

Help command (Internet app), 215

help for S Voice, 93

Help Text (lock screen option), 457

hiding
keyboard, 53
Multi Window feature, 290
passwords when typing, 461

High Dynamic Range (HDR) shooting mode, 359

History list
creating bookmarks from, 209
visiting pages in, 199-200

hold, placing calls on, 125

Home key, 8, 45-46, 288

Homepage command (Internet app), 214

Home screen, 40-44
customizing, 64-74
folders, adding, 71-72
primary shortcuts, 74
rearranging, removing, adding pages, 66-67
repositioning and removing items, 72-73
shortcuts, adding, 67-69
wallpaper, selecting, 64-65
widgets, adding, 69-70
extended, 42
Home key usage on, 46
main area, 41
main Home screen page, 66
mode, setting Easy or Standard, 43-44
page indicators, 42
returning to, 288
shortcuts, 44
creating, 308
status bar, 40-41

Home screen indicator, dragging, 42

Hotmail accounts, synchronization with, 434

hotspots, creating, 467-470

I

icons
in call logs, 106
call options, 125-126
in Quick Settings, 353

ignoring calls, 119-121

images
as email inserts, resizing, 243
wallpaper, changing, 64-65

imo (chat app), 281

important email messages, marking, 247-248

importing contact records from other sources into Google Contacts, 165-167

Improve Facial Recognition (lock screen option), 456-457

in-app purchasing in Amazon Appstore, 306

in-call options, 124-127
for Bluetooth headsets, 23, 126

end call, 126
hold, 125
keypad, accessing, 125
mute, 126
noise reduction, 125
notification panel, 126
personalized call sound, 125
speaker, 125
volume, adjusting, 125-126

incognito browsing, 206-207

incoming call ringtone, setting, 82-83

Increase Volume in Pocket, enabling, 134

indicator dots, 44

indicator lights, 8

input methods, changing, 55, 57-58

input mode, voice input, 57-59

inserting
folder items, 72
memory card, 491-492
pause and wait commands when dialing calls, 118-119
SIM card, 495

inserts, adding to email, 242-243

installing
Amazon Appstore, 300-301
apps
enabling other sources, 299
from Amazon Appstore, 302-304
from Google Play, 293-298
SIM card, 495

interface, 9
Contacts app, 138-139
hardware keys, 45-47
Back key, 47
Home key, 45-46
Menu key, 45
Home screen, 40-44
extended, 42
Home key usage on, 46
main area, 41
mode, setting Easy or Standard, 43-44
shortcuts, 44
status bar, 40-41
indicator dots, 44
Notification panel, 48-49
touchscreens, interactions with, 49-52

international calls, dialing country codes, 100-101

Internet app
bookmarks
creating, 208-209
creating folders for, 211
creating shortcuts for, 69
deleting, 212-213
editing, 210
moving into folders, 211-212
configuring, 216
following links, 198
incognito browsing, 206-207
launching, 196-197
menu commands, 214-215
portrait/landscape view, 202
privacy, 216
refreshing page, 204
searching for web pages, 200-201
setting home page, 216
sharing, 214
shortcut, 44
Smart Screen, 202
typing web addresses, 197-198
viewing web pages, 201-207
visiting bookmarked, recent, saved pages, 199-200

interval, setting screen timeout, 16-17

iPhone, transferring data from, 15

ISO settings, Camera 355

iTunes, copying music from, 338

J-K

Jabra EasyGo Bluetooth headset, 20

Jaksta Media Recorder, 382

joining contact records, 150-151

keyboard
Delete key, 52
hiding/restoring, 53
input method, 55
landscape mode, 54
letter/symbol toggling, 52-53
Swype, 54
tapping, 52-53
typing tips, 54-61

keypad, showing/hiding during phone calls, 125

keys, hardware, 45-47
Back key, 47, 289
Home key, 45-46, 288
lighting, 287
Menu key, 45, 287

Kies Air app, 407

L

labels (Gmail), 250

landline phones, texting to, 260

landscape orientation, 51
Multi Window display, 292
photos, 350, 362, 364
slideshow, 376
typing, 54-55
web pages, 202
videos
recording, 395
watching, 384
working in Email, 232, 234

language
changing, 56
default, changing, 36-37
for voice input, changing, 59
launching
apps, 284-286
Multi Window apps, 291
Phone app from Contacts app, 138
phone from lock screen, 100
S Voice, 92
letters in Swype, duplicating, 54
LG phones, transferring data from, 15
lighting the hardware keys, 287
light metering, 355
light sensor, 8
links
in email messages, dialing calls from, 108-109
following, 198
opening apps from, 285
in text messages
dialing calls from, 108
embedding, 260
list view
Calendar app, 183
grid view (of Contacts Favorites) versus, 139
Live accounts, synchronization with, 434
live wallpaper, 65
Local. *See* Google Local
location-based services. *See* GPS (Global Positioning System)
locked phone, 16
locking time zone in Calendar app, 191
lock screen, 447
Camera app, launching, 348
changing locking method, 448-457
clock, viewing/hiding, 458
current locking method, viewing, 448
dismissing, 16
Face Unlock, enabling, 454-456
launching phone from, 100
message notifications, responding to, 264
non-secure unlock methods, setting, 456-457
options, 18, 457-461
password, setting, 453-454
pattern, setting, 449-451
personal message, viewing/hiding, 458
PIN, setting, 451-452
reminders, responding to, 189
unlocking, 462-463
unsuccessful attempts to unlock, 463
Lock Screen Widgets (lock screen option), 458
lockups, troubleshooting, 499
low-light settings for photos, 355

M

Macintosh computers
Bluetooth destination folder, selecting, 419
contacts, synchronization, 436-437
manual USB file transfers, 408-409
manual Wi-Fi transfers
Kies Air, 407
Samsung Kies, 402-406
magnification of web pages, 203-204
mail. *See* email
main Home screen page, 66
Make Pattern Visible (lock screen option), 458
managing
bookmarks, 199
data usage, 486-488
events/tasks, 186-187
notifications, 48-49
photos in Gallery app, 363-370
playlists, 336-337
speakers in Group Play app, 342
manual battery conservation tips, 481-483
manually checking for Google Play updates, 297
manually setting connection methods, 33
manual synchronization, 438, 441-444
manual USB file transfers
on Macintosh computers, 408-409
on PCs, 410-411
Maps, 317
marking
email messages, 247-248
read/unread messages, 246
songs as favorite, 334
media device, connecting phone as, 410
meetings, creating, 177
memory
clearing, 479
managing, 478
memory card, 8
backing up contact records, 161
formatting, 493
inserting, 491-492
manual USB file transfers, 409
removing, 494
restoring contact records, 163-164

SD cards, 489, 493
selecting, 490-491
as storage location for photos, 347, 357
as USB drive, 495
Menu key, 8, 45, 287
menus
accessing, 287
contextual menus, 288
merging contact records with Google Contacts or Samsung account, 159-160
message read status, changing, 246
messages (email). *See* email
Messaging app. *See also* texting
configuring, 270-275
conversations
continuing, 265
deleting, 266
reviewing, 266
multimedia messages, composing, 261-263
new message notifications, 263-264
shortcut, 44
text messages
composing, 254-260
deleting, 267-270
options, 268-269
tips for, 275
messaging ringtone, setting, 87-88
MHL 2.0 HDTV Adapter, mirroring phone with, 473-475
microphone, 7
microSD to SD adapter, 491
Microsoft Exchange Server synchronization strategy, 434
mirroring phone on HDTV, 473-475
missed call notifications, 133
MMS (Multimedia Messaging Service), 254
mobile data, disabling, 486
mobile hotspots, creating, 467-470
mode (Home screen), setting, 43-44
model number, finding, 471
monitoring data usage, 34, 485-486
Month view (Calendar app), 181
motions, 52
Motion settings, enabling, 78-80
movies. *See* DVDs; videos
moving
apps to memory card, 313
between Home screen pages, 73
bookmarks into folders, 211-212
email between folders, 245-246
Home screen items, 68, 72-73
text insertion mark, 60
multimedia messaging
composing messages, 261-263
settings for, 271
texting versus, 254
Multimedia Messaging Service (MMS), 254
multiple
apps, running, 290-292
backups, exporting, 161
bookmarks, deleting, 213
calendar accounts, adding to Calendar app, 172
calendars, events in, 175
contact records
adding/removing as favorites, 152
deleting, 153
email messages, marking as favorites, 247
folders, sharing/deleting photos, 371
Gmail accounts, adding, 248
photos, sending via S Beam, 427
protocols for email accounts, 222
Multiple Widgets (lock screen option), 458
multitasking during phone calls, 127
Multi Window feature, 290-292
music. *See also* playlists
adding songs to playlists, 333-336
changing volume, 331
from iTunes, 338
marking as favorite, 334
Notification panel controls, 331
options for, 329
order of song playback, 330
playing
copy-protected songs, 327
with Music app, 328-339
removing songs from playlists, 336
searching for songs, 329
sharing with Group Play app, 339-343
streaming with Pandora Internet Radio app, 344
viewing songs alphabetically, 328
Music app. *See also* playlists
playing songs, 328-339
Settings, 339
speaker fidelity improvements, 338
music track for slideshows, 377
Mute, enabling, 129-130
Mute/Pause (Palm Motion setting), 80

muting
calls, 126
ringtone, 121
My Files
choosing email attachments, 241
emailing songs from, 422-423
locating downloads, 235, 416
selecting videos to play, 384
transferring files, 425, 495
viewing files, 286

N

naming phone, 425
navigating
Apps view, 284
Home screen pages, 42
web pages, 206
within apps, 289
Navigation. *See* Google Navigation; GPS (Global Positioning System)
Near Field Communication (NFC), 426-428
networks. *See* connection methods; Wi-Fi
Never sync interval, 441
new message notifications, 263-264
NFC (Near Field Communication), 426-428
night detection for photos, 355
Night shooting mode, 358
noise reduction
enabling, 134
for phone calls, 125
Nokia phones, transferring data from, 15
non-alphabetic characters, entering, 53
non-secure lock methods for lock screen, setting, 456-457
notes
Google Voice Search, 96
writing on photos, 368
Notification bar, 40-41
Notification panel, 48-49
accessing during phone calls, 126
Back key usage, 47
Input Method, switching, 58
Music controls, 331
Power Saving Mode, 481
notifications
in Amazon Appstore, 306
managing, 48-49
reminders, 187-189
ringtone settings, 83-84
text message settings, 273
number dialed, changing, 101
numbers, entering, 53

O

opening. *See* launching
operating systems
Android 4.2.2, 9
checking version, 497
Optical Reader, 97
options. *See also* settings
call logs, 107
Contacts app display options, 168-169
Google Navigation, 320-321
in-call options, 124-127
Messaging app, configuring, 270-275
running apps list, 478
in Samsung Kies, 406
for synchronization, 439-441
for text messages, 268-269
order of playback (Music app)
for songs, 330
in playlists, changing, 337
organizing bookmarks, 211-212
orientation, viewing web pages, 202
outgoing email messages, copying, 228
Outlook 2011 (Mac) synchronization, 436-437
Outlook contacts (Windows), exporting, 165

P

pages, Home screen, 42
pairing phone
and Bluetooth headsets, 21
and computer, 413-415
Palm Motion settings, enabling, 78-80
Pandora Internet Radio app, 344
Panorama shooting mode, 358
parental controls in Amazon Appstore, 305
passwords
creating, 25-26
for lock screen, setting, 453-454
retrieving, 277
Show Password, 35
unlocking lock screen, 462
viewing/hiding when typing, 461
pasting
Clipboard material, 61
text, 60
pattern for lock screen
setting, 449-451
unlocking lock screen, 462

pause commands, inserting when dialing calls, 118-119
pausing
music playback, 330
video recording, 398
paying
for Amazon apps, 303
for apps, 295
PCs, manual USB file transfers, 410-411
Pen tool, writing on photos, 375
percentage of battery usage, viewing, 480
permissions for apps, 464
Personalize Call Sound, 134-135
personalizing. *See* customizing
personal message on lock screen, viewing/hiding, 458
phone
connecting to computer via USB, 12
launching from lock screen, 100
naming, 425
pairing with computer (Bluetooth), 413-415
receiving files from computer (Bluetooth), 415-416
restarting, 14
sending files to computer (Bluetooth), 416-418
transferring files between phones, 423-430
via S Beam, 426-428
via Share Shot, 428-430
via Wi-Fi Direct, 424-426
Phone app
opening from Contacts app, 138
shortcut, 44
phone calls. *See* calls
Photo Editor, 372-375
photos
adding to contacts records, 145-146
attaching to status updates, 280
camera settings, 352-361
Quick Settings, 352-353
Settings dialog box, 354-357
shooting modes, 358-361
emailing from Gallery, 420-422
folders
selecting all, 421-430
sharing/deleting photos from, 371
Gallery app, 363-370
multiple photos, sending via S Beam, 427
Photo Editor, 372-375
reviewing immediately, 361-362
selecting all, 417
sending via Share Shot, 428-430
shooting
with front camera, 348-350
with rear camera, 350-352
slideshows, creating, 376-377
storage location, 347, 357
taking during video recording, 398
viewing, 350
Picture in Picture feature (playing videos), 386
PIN
for lock screen, setting, 451-452
unlocking lock screen, 462
viewing/hiding when typing, 461
pinching (zooming out), 50-51
email messages, 234
maps, 324
photos in Gallery, 362-364
shooting photos in Camera, 350
web pages, 203
placing calls. *See* dialing calls
playback controls
Adult Swim video player, 381
Group Play app, 342
Music app, 330-331
Picture in Picture, 386
Video app, 384-385
videos on web pages, 382
playing
music
copy-protected songs, 327
with Google Play Music, 328
with Music app, 328-339
from playlists, 335-336
videos, 383-395
converting DVDs for playback, 388-394
Picture in Picture feature, 386
Samsung Hub, 386-387
Video menu commands, 387-399
playlists
adding music to, 329, 333-334
built-in, 334
creating, 332-333
defined, 328, 332
deleting, 337
managing, 336-337
playing songs from, 335-336
Play Music app, 328
Play Store. *See* Google Play
POP3 email, deleting from server, 223
portable hotspots, creating, 467-470
portrait fixes for photos, 374

portrait orientation, 51
photos, 350
viewing web pages, 202
Power button, 7, 13
powering on/off, 13-14
Power Saving Mode, configuring and enabling, 480-481
precedence of ringtones, 87
predictive text, 56-61
preferences. *See* settings
Presence Check (lock screen option), 459
Preview window (converting DVDs for playback), 390
primary shortcuts on Home screen, 44, 74
Print command (Internet app), 215
printing photos, 369
profiles, creating in DVDFab, 394
protecting passwords, 26
protocols for email accounts, 222
proximity sensor, 8
push message settings, 273

Q-R

quality settings for encoded videos, 392
Quick Settings
for Camera app, 352-353
in Notification panel, 48-49
quitting apps, 293

random song playback, 330
reading email, 232-234
moving into folders during, 245
read messages, changing to unread, 246
rear camera, 8, 350-352
rearranging
bookmarks, 199
Home screen pages, 66-67
primary shortcuts, 74
speed dial number, 115
receiving calls, 32, 119-124
accepting/rejecting calls, 32, 119-121
call forwarding, 122-124
call waiting, 121
mute/vibrate, enabling, 129-130
Recent Destinations list (in Navigation), 318
recent pages, visiting, 199-200
reconnecting to Group Play app, 343
recording
audio with Voice Recorder, 96-97
videos, 395-398
recording mode for videos, 396
red-eye correction, 374
redialing calls, 104-105
Auto Redial, configuring, 133
refreshing web pages, 204
refunds on apps, requesting, 296
rejecting calls, 32, 119-121, 132
reminders
configuring settings, 192
for events
configuring, 177
creating, 176
Google Voice Search, 96
responding to, 187-189
for tasks, creating, 179
remote control, configuring WatchON app, 474-475
removing. *See also* deleting
memory card, 494
SIM card, 495
renaming photos, 369, 375
reordering groups, 157
repeating events
creating, 176
editing, 187
replacing
primary shortcuts, 74
SIM card, 495
speed dial numbers, 113
replying to email, 239
repositioning Home screen items, 72-73
requesting refunds on apps, 296
rescheduling events, 186
resetting shooting mode, 361
resizing
email inserts, 243
split-screen display, 291
resolution
of photos, 354
of videos, 397
responding
to new message notifications, 263-264
to reminders, 187-189
restarting phone, 14
restoring
contact records, 162-165
from memory card, 163-164
from SIM card, 162-163
from USB backup, 164
problems with, 165
dark display, 16
default camera settings, 357
default text message settings, 275
dimmed display, 16
phone, 500-501

retrieving
email, 231-232
size limitations, 227
passwords, 277
returning
calls, 104-105
to Home screen, 288
reviewing
conversations, 266
photos immediately, 361-362
rewinding
music playback, 330
video playback, 384
Rich Tone (HDR) shooting mode, 359
ringtones
changing, 133
muting, 121
precedence, 87
setting, 82-89, 133, 329
assigning to contact groups, 85-87
assigning to contacts, 84-85, 143
creating from songs, 88-89
default incoming call ringtone, 82-83
default messaging ringtone, 87-88
default notification ringtone, 83-84
for email notifications, 225
for text messages, 273
silent, 225, 273
sound files as, 85
rotating
photos, 369, 373
screen, 51
running apps list options, 478
running multiple apps in Multi Window, 290-292

S

Safe mode, 499
Samsung accounts
creating, 28-30
merging contact records with, 159-160
synchronization strategy, 435
Samsung Hub, 386-387
Samsung Kies. *See also* Kies Air app
options, 406
transferring files
via USB, 412
via Wi-Fi, 402-407
Samsung Smart Switch, 15
saved web pages, visiting, 199-200
Saved Pages command (Internet app), 215
saving
email attachments, 234-235
photo edits, 372
photos, 375
text messages as drafts, 257
web pages, 200
S Beam, 426-428
scheduling. *See also* Calendar app
synchronization, 439-441
for email accounts, 226
text messages, 260
screen captures, 46
screens
in Home screen, 42
lock screen, 447
changing locking method, 448-457
Face Unlock, enabling, 454-456
non-secure unlock methods, setting, 456-457
password, setting, 453-454
pattern, setting, 449-451
PIN, setting, 451-452
setting options, 457-461
unlocking, 462-463
unsuccessful attempts to unlock, 463
viewing current locking method, 448
rotating, 51, 54
screen timeout, 15-17
scrolling web pages, 202
SD cards, 489, 493
search engines, changing, 201
searching
Amazon Appstore, 303
contact records, 147
for events/tasks, 183
in Google Local, 323
with Google Voice Search, 95-96
for music, 329
for web pages, 200-201
Secured Lock Time (lock screen option), 459
security
additional security measures, 464
locked phone, 16
lock screen, 447
changing locking method, 448-457
Face Unlock, setting, 454-456
non-secure unlock methods, setting, 456-457
password, setting, 453-454
pattern, setting, 449-451
PIN, setting, 451-452
setting options, 457-461
unlocking, 462-463

unsuccessful attempts to unlock, 463
viewing current locking method, 448
passwords
creating, 25-26
Show Password, 35
viewing/hiding when typing, 461
synchronization issues, 444
Security section (Settings menu), 464
selecting
all photos, 417, 421-430
Bluetooth destination folder, 419
memory card, 490-491
ringtones
for contacts, 143
for text messages, 273
shooting mode, 349, 358-361
text, 60
wallpaper, 64-65
Wi-Fi network connections, 34-36
words, 60
self-portraits, shooting, 348-350
Send Email command (Contacts app), 167-168
Send Message command (Contacts app), 167-168
sending messages to groups, 155-156
separating joined contact records, 150-159
servers, deleting POP3 email from, 223
settings, 10. *See also* customizing; options
Adapt Sound feature, configuring, 134-135
Air Gesture, enabling, 81-82
Airplane Mode, enabling, 130-131
Auto-Rotate Screen, 54
app settings, accessing, 77
Calendar app, 190-192
Call Settings, configuring, 131-134
call sound, 89-91
cameras, 352-361
front camera, 349
Quick Settings, 352-353
rear camera, 351
Settings dialog box, 354-357
shooting modes, 358-361
Data Usage, 34, 486-488
Date and Time, 78
email accounts, editing, 225-230
episodic DVDs, 391
Gmail, configuring, 249
Group Play app, 342
groups, changing, 154
in-call options for Bluetooth headsets, 23
Internet app, 216
lock screen options, 18
Messaging app, configuring, 270-275
Motion and Palm Motion settings, enabling, 78-80
mute/vibrate, enabling, 129-130
quality settings for encoded videos, 392
Quick Settings in Notification panel, 48-49
recording videos, 396-397
ringtones, 82-89
assigning to contact groups, 85-87
assigning to contacts, 84-85
creating from songs, 88-89
default incoming call ringtone, 82-83
default messaging ringtone, 87-88
default notification ringtone, 83-84
screen timeout intervals, 16-17
speed dialing, accessing, 111-112
synchronization, 439-441
system settings
accessing, 77
customizing, 11-12
Tethering and Mobile Hotspot settings
mobile hotspots, creating, 467-470
tethering, setup, 470-473
text messages, 268-269
voice input language, 59
voicemail, 23-24
changing, 128
volume, 18-19
Settings dialog box for Camera app, 354-357
Settings icon, 11
Settings menu
for lock screen, 457-461
Music app, 339
Security section, 464
Settings Shortcut widget, 12, 70
setup wizard, 14
Set Wake-Up Command (lock screen option), 460
Share Shot, 428-430
Share Via command
Gallery, 417-418, 421
Internet, 214
My Files, 422-423
Video, 387
sharing. *See also* transferring
photos, 366, 417-418, 421
from multiple folders, 371
songs with Group Play app, 339-343
videos, 387
web pages, 214
S Health, 97

shooting photos
with front camera, 348-350
with rear camera, 350-352
shooting modes for photos, 349, 351, 358-361
shortcuts
for bookmarks, creating, 69
moving, 68
on Home screen, 44
creating, 67-69, 308
primary shortcuts, rearranging and replacing, 74
removing, 68
for widgets, 70
Shortcuts (lock screen option), 459
Short Message Service (SMS), 254
Show Images option (Email), 229-230
showing. *See* viewing
Show Password, 35
shuffled song playback, 330
shutter sound, enabling, 357
signatures
for email, 227
text message settings, 274
silent mode, enabling, 129-130, 225, 273
SIM card
backing up contact records, 160-161
installing, 495
restoring contact records, 162-163
size
of multimedia messages, 261
photo resolution, 354
for retrieving email, 227
storage space specs, 490
slideshows, creating, 376-377
Smart Alert (Motion setting), 79
Smart Screen settings
Smart Pause, 385
Smart Scroll, 202
Smart Stay, 17, 343
Smart Switch, Samsung, 15
smileys in text messages, 257
SMS (Short Message Service), 254
Sneakernet, 438
snoozing, 187-188
social networking
accounts, removing, 277
dedicated apps for, 276, 280
Flipboard, 276
adding accounts, 276-277
adding content feeds, 278
viewing and interacting with content feeds, 279-281
songs. *See also* playlists
adding to playlists, 333-334, 336
changing playlist order, 337
changing volume, 331
copy-protected, 327
creating ringtones from, 88-89
emailing from My Files, 422-423
finding in folders, 423
from iTunes, 338
marking as favorite, 334
Notification panel controls, 331
options for, 329
order of playback, 330
playing
with Music app, 328-339
from playlists, 335-336
removing from playlists, 336
searching for, 329
sharing with Group Play app, 339-343
streaming with Pandora Internet Radio app, 344
viewing alphabetically, 328
sorting
bookmarks, 199
contact records, 168-169
groups, 157
tasks, 183
videos, 383
SoundAlive icon, 331
sound files as ringtones, 85
sound settings
Adapt Sound feature, configuring, 134-135
for phone calls, 133
Sound & Shot shooting mode, 360
sources of videos, 395
spam
avoiding in Email, 230
Messaging settings, 274
speaker fidelity improvements in Music app, 338
speakerphone, toggling on/off, 125
speakers
location on phone, 7
managing in Group Play app, 342
special effects (photos), 349, 351, 374
speed dialing, 111-116
speed dial numbers
assigning, 112
dialing, 115-116
rearranging, 115
removing, 114
replacing, 113
Speed Dial Setting screen, accessing, 111-112
split-screen display in Multi Window, resizing, 291

Sports shooting mode, 358
spreading (zooming in), 50-51
Standard mode (Home screen), 9
  changing to Easy mode, 43-44
standard view (email), conversation view versus, 235-236
starting. *See also* launching
  conversations, 259-260
  Phone app from lock screen, 100
static wallpaper, live wallpaper versus, 65
status bar, 40-41
status lights, 8
status updates, posting, 280
  attaching photos to, 280, 367
stickers for events, 176
stopping web page loading, 204
storage locations for photos, 347, 357
Storage setting for videos, 397
storage space
  memory card
    formatting, 493
    inserting, 491-492
    removing, 494
    selecting, 490-491
    as USB drive, 495
  SD cards, 489, 493
  size specs, 490
  viewing, 489-490
S Translator, 97
strategy for synchronization, developing, 433-438
  apps for, 438
  contacts (Mac) synchronization, 436-437
  Google/Gmail, 435
  manual synchronization, 438
  Microsoft Exchange Server, 434
streaming music with Pandora Internet Radio app, 344
streaming video
  advantages/disadvantages, 382
  with dedicated apps, 380-381
  defined, 379
  from web pages, 382
styles for Calendar views, 182
subfolders (Email), creating, 246
subjects for text messages, 257
S Voice, 92-93
swipe, 50
swipe method for lock screen, setting, 456-457
swiping versus tapping in call logs, 105
switching
  among apps, 289-290
  input methods, 57-58
  views (Gallery app), 363
Swype, 54
symbols, entering, 53
synchronization
  accounts, adding, 445
  Calendar app, 191
  manual syncing, 441-444
  scheduling for email accounts, 226
  setting options and schedules, 439-441
  sync strategy, developing, 433-438
    apps for, 438
    contacts (Mac) synchronization, 436-437
    Google/Gmail, 435
    manual synchronization, 438
    Microsoft Exchange Server, 434
  warnings about, 444
system settings
  accessing, 77
  customizing, 11-12
system updates, checking for, 496-497

T

tabs in browser, creating, 204-206
talk time, checking, 485-486
tapping
  keyboards, 52-53
  swiping versus, in call logs, 105
tap, 49-50
Task Manager
  exiting apps, 293
  storage space, viewing, 489-490
  uninstalling apps, 310
tasks
  completion, 187
  creating, 178-180
  defined, 174
  managing, 186-187
  reminders, responding to, 187-189
  searching for, 183
  sorting, 183
Task view (Calendar app), 183
telephone calls. *See* calls
testing connection speeds, 470
Tethering and Mobile Hotspot settings
  mobile hotspots, creating, 467-470
  tethering, setup, 470-473
tethering, setup, 470-473

text
copying from web pages, 61
editing, 60-61
entering, 52-59
with Swype, 54
tapping keyboard, 52-53
typing tips, 54-61
voice input, 57-59
extracting from photos, 370
pasting, 60
predictive, 56
selecting, 60
texting, 253-254
composing messages, 254-260
contacts, 167-168, 255-256
conversations
continuing, 265
deleting, 266
reviewing, 266
cost versus calling, 488
default messaging ringtone, setting, 87-88
deleting messages, 267-270
embedded links, 260
to groups, 155-156
message options, 268-269
multimedia messaging versus, 254
photos, 366
responding to new message notifications, 263-264
saving as draft, 257
scheduling messages, 260
searching, 269-270
settings for, 271
Text Templates phrases, 258-259
tips for, 275
warnings about, 263
text insertion mark, moving, 60
text message links, dialing calls from, 108
text templates, 270
Text Templates phrases, 258-259
threads, message, 254
three-way calling, 117-118
time and date settings, 78
timeout interval, screen, 15-17
timer (Camera), 356
time zones, locking in Calendar app, 191
titles of playlists, editing, 337
T-Mobile, Wi-Fi calling, 119
touch and hold, 50
touchscreen, 8, 39
gestures, 49-52
interactions, 9, 49-52
rotating, 51
TouchWiz, 9, 39
transferring. *See also* sharing
data from other phones, 15
files
between phones, 423-430
via Bluetooth, 413-419
via email, 419-423
via USB, 408-412
via Wi-Fi, 402-407
transition effects for slideshows, 376
translation (S Translator app), 97
troubleshooting
adding email accounts, 224
emailing photos, 422
factory data reset, 500-501
Group Play app, 343
lockups, 499
tips for, 497-498
turn-by-turn directions
with Google Local, 322-325
with Google Navigation, 317-321
turning on/off, 13-14
TV. *See* HDTV
typing
Back key usage, 47
tips, 54-61

U

unconditional call forwarding, 122
undoing photo edits, 372
uninstalling apps, 308-311
with Application Manager, 309
with Google Play, 311
with Task Manager, 310
Unlock Effect (lock screen option), 460
unlocking lock screen, 462-463
unmounting memory card, 494
unread messages
changing to read messages, 246
number of, 232
updates
for apps, 312-313
manually checking, 297
system updates, checking for, 496-497
uploads, defined, 407
URLs, 197
editing for bookmarks, 210
typing, 197-198
USB
backups, restoring contact records, 164
cable, tethering setup, 470-473

charging battery via, 12
drive, memory card as, 495
memory, backing up contact records, 162
power/accessory connector, 8
transferring files via, 408-412
usernames
creating, 25
for email accounts, 223

V

version of operating system, checking, 497
Vibrate, enabling, 129-130, 226
vibration patterns, assigning, 144
Video app
playing videos, 383-395
Video Player app versus, 383
video chats, 399
Video menu commands, 387-399
Video Player app, Video app versus, 383
videos
encoding, quality settings, 392
playing, 383-395
converting DVDs for playback, 388-394
Picture in Picture feature, 386
Samsung Hub, 386-387
Video menu commands, 387-399
recording, 395-398
sorting, 383
sources of, 395
streaming
advantages/disadvantages, 382
with dedicated apps, 380-381
defined, 379
from web pages, 382
Video Size setting, 397
Video Stabilization setting, 396
viewing
apps, customizing view, 74-76
battery usage by apps, 484
bookmarks list, 199
call logs from Contacts, 104
clock on lock screen, 458
connected Wi-Fi network, 34
contact records, 146-147
from specific accounts, 169
content feeds in Flipboard, 279-280
current screen locking method, 448
downloaded apps, 284
email
attachments, 234-235
standard versus conversation view, 235-236
Gmail messages by label, 251
music alphabetically, 328
passwords when typing, 461
percentage of battery usage, 480
personal message on lock screen, 458
photos, 350
Gallery app, 363-370
storage space, 489-490
web pages, 201-207
creating new windows, 204-206
incognito browsing, 206-207
page navigation, 206
portrait versus landscape orientation, 202
refreshing, 204
scrolling, 202
zooming, 203-204
Wi-Fi network information, 36
views
Calendar app, 180-184
Gallery app, switching, 363
visiting web pages, 197-201
bookmarked, recent, saved pages, 199-200
following links, 198
searching for web pages, 200-201
typing web address, 197-198
voice commands
Camera, 94-95, 357
Clock, 94-95
Google Voice Search, 95-96
Music, 94-95
Phone, 94-95
S Voice, 92-93
Voice Control, 94-95
Voice Control, 94-95
voice input
changing language for, 59
entering text, 57-59
voicemail, 127-128
setting up, 23-24
sound/vibration notification settings, 134
voice recognition, enabling for lock screen, 455
Voice Recorder, 96-97
volume
adjusting, 18-19
for Bluetooth headsets, 22
in Group Play app, 342

for music, 331
in phone calls, 125-126
Increase Volume in Pocket, enabling, 134
volume control (hardware), 7
Volume key, photo settings for, 355

W

wait commands, inserting when dialing calls, 118-119
Wake Up in Lock Screen (lock screen option), 460
wallpaper, 10, 41
selecting, 64-65
warnings
about synchronization, 444
about texting, 263
WatchON app, configuring, 474-475
web browsers. *See* browsers
Webpage Magnifier (Air View setting), 203
web pages
copying text, 61
creating bookmarks from, 208-209
saving, 200
streaming video, 382
viewing, 201-207
creating new windows, 204-206
incognito browsing, 206-207
page navigation, 206
portrait versus landscape orientation, 202
refreshing, 204
scrolling, 202
zooming, 203-204
visiting, 197-201
bookmarked, recent, saved pages, 199-200
following links, 198
searching for web pages, 200-201
typing web address, 197-198
Week view (Calendar app), 182
white balance for photos, 356
widgets, 9
adding, 69-70
auto-adding, 297
Calendar widgets, 175, 185
Email widget, 233
Google Search widget, 95
Lock Screen Widgets (lock screen option), 458
Multiple Widgets setting (for lock screen), 458
Music widget, 331
Wi-Fi, 33
Amazon Appstore usage, 305
calling via (T-Mobile), 119
connecting to, 34-36
forgetting networks, 36
mobile hotspots, creating, 467-470
transferring files, 402-407
viewing
connected network, 34
network information, 36
Wi-Fi Direct, 424-426
windows in browser, creating, 204-206
wired headsets/headphones, 20
wireless networks. *See* Wi-Fi
words, selecting, 60
writing
multimedia messages, 261-263
new email message, 237-239
on photos, 368, 375
text messages, 254-260

X-Z

Year view (Calendar app), 181
zooming, 50
photos, 350, 364-366
web pages, 203-204
Zoom feature, enabling, 366
Zoom (Motion setting), 79, 203