

# My Droid™

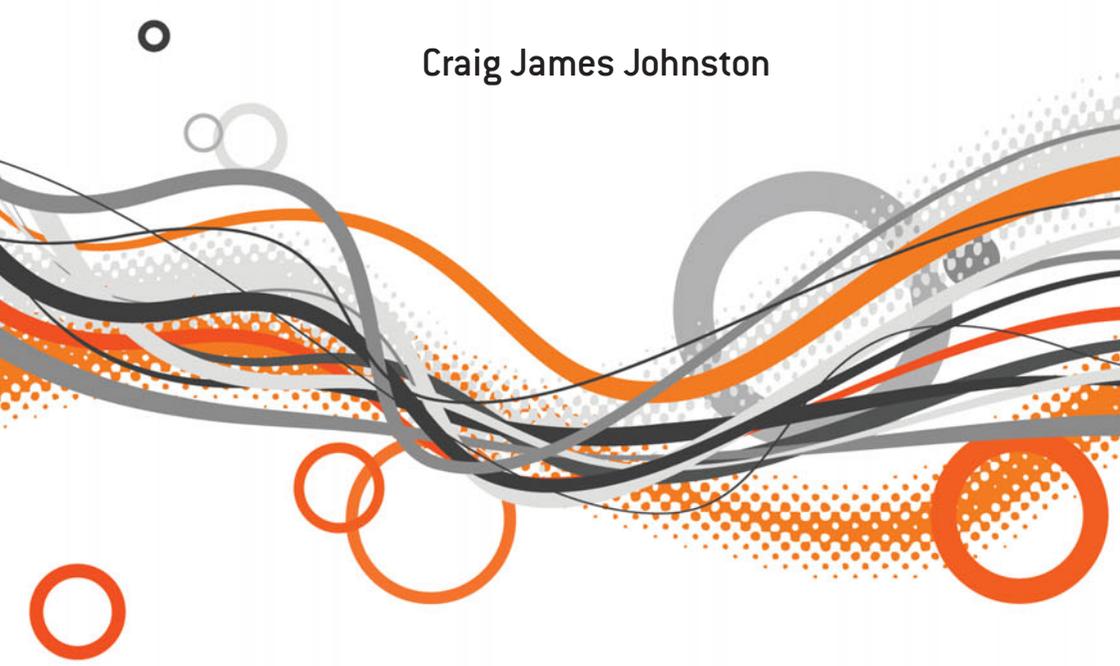


Covers

Droid Incredible,  
Droid Eris, Droid X,  
Droid 1 & 2

# My Droid™

Craig James Johnston



**que®**

800 East 96th Street,  
Indianapolis, Indiana 46240 USA

## My Droid™

Copyright © 2011 by Pearson Education, Inc.

All rights reserved. No part of this book shall be reproduced, stored in a retrieval system, or transmitted by any means, electronic, mechanical, photocopying, recording, or otherwise, without written permission from the publisher. No patent liability is assumed with respect to the use of the information contained herein. Although every precaution has been taken in the preparation of this book, the publisher and author assume no responsibility for errors or omissions. Nor is any liability assumed for damages resulting from the use of the information contained herein.

ISBN-13: 978-0-7897-4719-8

ISBN-10: 0-7897-4719-7

Library of Congress Cataloging-in-Publication Data is on file.

Printed in the United States on America

First Printing: November 2010

### Trademarks

All terms mentioned in this book that are known to be trademarks or service marks have been appropriately capitalized. Que Publishing cannot attest to the accuracy of this information. Use of a term in this book should not be regarded as affecting the validity of any trademark or service mark.

**Droid is a trademark of Lucasfilm Ltd. and its related companies.**

### Warning and Disclaimer

Every effort has been made to make this book as complete and as accurate as possible, but no warranty or fitness is implied. The information provided is on an "as is" basis. The author and the publisher shall have neither liability nor responsibility to any person or entity with respect to any loss or damages arising from the information contained in this book.

### Bulk Sales

Que Publishing offers excellent discounts on this book when ordered in quantity for bulk purchases or special sales. For more information, please contact

**U.S. Corporate and Government Sales**

**1-800-382-3419**

**corpsales@pearsontechgroup.com**

For sales outside of the U.S., please contact

**International Sales**

**international@pearsoned.com**

**ASSOCIATE PUBLISHER**

Greg Wiegand

**ACQUISITIONS EDITOR**

Michelle Newcomb

**DEVELOPMENT EDITOR**

The Wordsmithery LLC

**MANAGING EDITOR**

Kristy Hart

**PROJECT EDITOR**

Anne Goebel

**COPY EDITOR**

Geneil Breeze

**SENIOR INDEXER**

Cheryl Lenser

**PROOFREADER**

Apostrophe Editing  
Services

**TECHNICAL EDITOR**

Christian Kenyeres

**PUBLISHING COORDINATOR**

Cindy Teeters

**BOOK DESIGNER**

Anne Jones

**COMPOSITION**

Mary Sudul

# Contents at a Glance

|                   |  |      |
|-------------------|--|------|
|                   | About the Author .....                         | xii  |
|                   | Dedication .....                               | xiii |
|                   | Acknowledgments .....                          | xiii |
|                   | We Want to Hear From You .....                 | xiv  |
|                   | Reader Services .....                          | xiv  |
| <b>Prologue</b>   | Getting to Know Your Droid .....               | 3    |
| <b>Chapter 1</b>  | Contacts .....                                 | 45   |
| <b>Chapter 2</b>  | Using the Phone and Google Voice .....         | 77   |
| <b>Chapter 3</b>  | Audio and Video .....                          | 111  |
| <b>Chapter 4</b>  | Connecting to Bluetooth, Wi-Fi, and VPNs ..... | 159  |
| <b>Chapter 5</b>  | Emailing .....                                 | 181  |
| <b>Chapter 6</b>  | Browsing the Web .....                         | 229  |
| <b>Chapter 7</b>  | Text and Multimedia Messaging .....            | 247  |
| <b>Chapter 8</b>  | Date, Time, and Calendar .....                 | 261  |
| <b>Chapter 9</b>  | Taking, Storing, and Viewing Pictures .....    | 285  |
| <b>Chapter 10</b> | Working with Android Applications .....        | 317  |
| <b>Chapter 11</b> | Customizing Your Droid .....                   | 333  |
| <b>Chapter 12</b> | Maintaining Droid and Solving Problems .....   | 353  |
| <b>Index</b>      | .....  | 367  |

# Table of Contents

P

## **Getting to Know Your Droid ..... 3**

|  |    |
|--|----|
| What Is Droid? .....                           | 3  |
| Your Droid's External Features .....           | 4  |
| Motorola Droid and Milestone .....             | 4  |
| Motorola Droid 2 and Milestone 2 .....         | 8  |
| Motorola Droid X .....                         | 12 |
| HTC Droid Incredible .....                     | 16 |
| HTC Droid Eris .....                           | 20 |
| Fundamentals of Android .....                  | 23 |
| The Unlock Screen .....                        | 23 |
| The Home Screen .....                          | 24 |
| Using Your Droid's Touchscreen .....           | 26 |
| Your Droid's Secondary Navigation Method ..... | 27 |
| Using Your Droid's Keyboard .....              | 28 |
| Editing Text .....                             | 34 |
| Starting and Switching Applications .....      | 37 |
| Menus .....                                    | 38 |
| Installing Synchronization Software .....      | 40 |
| Installing doubleTwist on Windows .....        | 40 |
| Installing doubleTwist on Mac OSX .....        | 41 |
| Creating a doubleTwist Account .....           | 41 |

1

## **Contacts ..... 45**

|   |    |
|---|----|
| Getting to Know the Contacts Application .....    | 46 |
| Adding Accounts .....                             | 46 |
| Display Options (Droid 1 and 2) .....             | 53 |
| Display Options (Droid X) .....                   | 54 |
| Display Options (Droid Incredible and Eris) ..... | 54 |
| Adding and Managing Contacts .....                | 55 |
| Joining and Separating Contacts .....             | 59 |
| Organizing Your Contacts .....                    | 63 |
| Communicating with Contacts .....                 | 70 |
| Importing and Exporting Contacts .....            | 72 |

**2 Using the Phone and Google Voice ..... 77**

|  |     |
|--|-----|
| Getting to Know the Phone Application<br>(Droid and Droid X) .....         | 78  |
| Getting to Know the Phone Application<br>(Droid Incredible and Eris) ..... | 79  |
| Receiving a Call (Droid and Droid X) .....                                 | 81  |
| Receiving a Call (Droid Incredible and Eris) .....                         | 83  |
| Placing a Call (Droid and Droid X) .....                                   | 84  |
| Dialing from a Contact Entry .....   | 84  |
| Dialing from a Contact Entry (Alternative Method) ....                     | 85  |
| Dialing Using Quick Contact .....  | 86  |
| Dialing Using Your Voice .....   | 87  |
| Options While on a Call .....  | 88  |
| Conference Calling .....   | 89  |
| Placing a Call (Droid Incredible and Eris) .....                           | 91  |
| Dialing from a Contact Entry .....   | 91  |
| Dialing Using Your Voice .....   | 92  |
| Options While on a Call .....  | 93  |
| Conference Calling .....   | 94  |
| Configuring the Phone Application .....                                    | 95  |
| Phone Sounds and Alerts (Android 2.2) .....                                | 95  |
| Phone Sounds and Alerts (Android 2.1) .....                                | 97  |
| Call Settings .....  | 99  |
| Google Voice .....   | 100 |
| Setting Up Google Voice .....  | 100 |
| Upgrading Google Voice .....   | 104 |
| Playing Back and Managing Voicemails .....                                 | 106 |
| Send SMS and Check Your Balance .....                                      | 107 |
| Google Voice Settings .....  | 108 |

**3 Audio and Video ..... 111**

|   |     |
|---|-----|
| The Music Application—Audio (Droid and Droid X) ..... | 112 |
| Controlling Playback .....                            | 114 |
| Taking More Actions .....                             | 115 |
| Working and Listening to Music .....                  | 115 |

|  |     |
|--|-----|
| Managing Playlists (Droid and Droid X) .....         | 116 |
| Creating a New Playlist on Your Droid .....          | 116 |
| Adding a Song to an Existing Playlist .....          | 118 |
| Rearranging Songs in a Playlist .....                | 119 |
| Clearing a Playlist .....                            | 119 |
| Deleting and Renaming a Playlist .....               | 120 |
| Manually Creating a Playlist on a Computer .....     | 121 |
| The Music Application—Audio                          |     |
| (Droid Incredible and Eris) .....                    | 122 |
| Viewing Your Music .....                             | 123 |
| Taking More Actions .....                            | 124 |
| Working and Listening to Music .....                 | 125 |
| Managing Playlists (Droid Incredible and Eris) ..... | 125 |
| Creating a New Playlist on Your Droid .....          | 125 |
| Adding a Song to an Existing Playlist .....          | 127 |
| Rearranging Songs in a Playlist .....                | 128 |
| Renaming or Deleting a Playlist .....                | 129 |
| The Gallery Application—Video (Droid 1) .....        | 129 |
| Sharing Videos .....                                 | 131 |
| Sharing Video Using MMS .....                        | 131 |
| Sharing Video Using Bluetooth .....                  | 132 |
| Sharing Video Using Email or Gmail .....             | 132 |
| Sharing Video on YouTube .....                       | 133 |
| Deleting Videos .....                                | 133 |
| The Gallery Application—Video                        |     |
| (Droid Incredible and Eris) .....                    | 134 |
| Sharing Videos .....                                 | 135 |
| Deleting Videos .....                                | 136 |
| The Gallery Application—Video (Droid X) .....        | 136 |
| Sharing, Editing, and Deleting Videos .....          | 137 |
| Editing Videos .....                                 | 139 |
| The Camera Application—Recording Videos (Droid 1) .. | 140 |
| Recording Video .....                                | 140 |
| Changing Video Settings .....                        | 141 |
| The Camera Application—Recording Videos (Droid X) .. | 141 |
| Recording Video .....                                | 142 |
| Changing Video Settings .....                        | 143 |

|  |     |
|--|-----|
| The Camera Application—Recording Videos                |     |
| (Droid Incredible and Eris) .....                      | 143 |
| Recording Video .....                                  | 143 |
| Changing Video Settings .....                          | 144 |
| YouTube .....  | 145 |
| YouTube Main Screen .....                              | 145 |
| Playing a Video .....                                  | 146 |
| Filtering Videos .....                                 | 146 |
| Changing YouTube Settings .....                        | 148 |
| Amazon MP3 .....                                       | 148 |
| Setting Up the Amazon MP3 Application .....            | 148 |
| Finding Music .....                                    | 150 |
| Purchasing Music .....                                 | 150 |
| Using doubleTwist to Synchronize Audio and Video ..... | 151 |
| Running doubleTwist and Mounting Your Droid .....      | 152 |
| Synchronizing Music by Dragging It .....               | 153 |
| Synchronizing Existing Playlists .....                 | 154 |
| Creating Playlists .....                               | 155 |
| Using doubleTwist with the Amazon MP3                  |     |
| Music Store .....                                      | 156 |
| Copying Video .....                                    | 156 |

## **Connecting to Bluetooth, Wi-Fi, and VPNs..... 159**

|   |     |
|---|-----|
| Connecting to Bluetooth Devices .....     | 160 |
| Pairing with a New Bluetooth Device ..... | 160 |
| Changing Bluetooth Options .....          | 163 |
| Wi-Fi .....                               | 164 |
| Connecting to Wi-Fi .....                 | 165 |
| Wi-Fi Network Options .....               | 166 |
| Advanced Wi-Fi Options .....              | 167 |
| Cellular Networks (GSM) .....             | 169 |
| Changing Mobile Settings .....            | 169 |
| Cellular Networks (CDMA - Verizon) .....  | 171 |
| Changing Mobile Settings .....            | 171 |
| Virtual Private Networks (VPN) .....      | 173 |
| Adding a VPN .....                        | 173 |
| Connecting to a VPN .....                 | 175 |

|  |     |
|--|-----|
| 3G Mobile Hotspot .....  | 176 |
| Setting Up and Starting Your 3G Mobile Hotspot<br>(Droid Incredible) ..... | 176 |
| Setting Up and Starting Your 3G Mobile Hotspot<br>(Droid X) .....          | 177 |

## **5 Emailing ..... 181**

|  |     |
|--|-----|
| Gmail .....  | 182 |
| Adding a Gmail Account .....   | 182 |
| Composing Gmail Email .....  | 187 |
| Reading Gmail Email .....  | 189 |
| Gmail Settings .....   | 191 |
| Setting Up the Email Application .....                                       | 193 |
| Adding a New Microsoft Exchange Account<br>(Droid 1 and 2) .....             | 193 |
| Exchange Account Settings (Droid 1 and 2) .....                              | 196 |
| Adding a New POP3 or IMAP Account<br>(Droid 1 and 2) .....                   | 197 |
| Working with the Email Application (Droid 1 and 2) ....                      | 201 |
| Using Combined or Separate Inboxes .....                                     | 201 |
| Composing Email .....  | 202 |
| Reading Email .....  | 203 |
| Adding a New Microsoft Exchange Account<br>(Droid Incredible and Eris) ..... | 204 |
| Exchange Account Settings (Droid Incredible<br>and Eris) .....               | 206 |
| Setting Your Out of Office Message<br>(Droid Incredible and Eris) .....      | 207 |
| Adding a New POP3 or IMAP Account<br>(Droid Incredible and Eris) .....       | 209 |
| Working with the Email Application (Droid Incredible<br>and Eris) .....      | 211 |
| Navigating the Main Screen .....   | 212 |
| Composing Email .....  | 213 |
| Reading Email .....  | 215 |
| Adding a New Microsoft Exchange Account<br>(Droid X) .....                   | 216 |
| Adding a New POP3 or IMAP Account (Droid X) .....                            | 218 |

|  |     |
|--|-----|
| Working with the Email Application (Droid X) .....   | 221 |
| Navigating the Main Screen .....                     | 221 |
| Universal Inbox (Droid X) .....                      | 222 |
| Universal Inbox Account Settings (Droid X) .....     | 223 |
| Modifying Which Accounts Universal Inbox Shows ..... | 223 |
| Composing Email .....                                | 224 |
| Reading Email .....                                  | 226 |

**6****Browsing the Web .....** **229**

|  |     |
|--|-----|
| Navigating with the Browser .....  | 230 |
| Managing Bookmarks .....   | 232 |
| Using GPS Location .....   | 234 |
| Navigating with the Navigation Pad, Trackball, and<br>Optical Joystick ..... | 235 |
| Managing Multiple Windows .....  | 236 |
| Setting Page Options .....   | 237 |
| Customizing Browser Settings .....   | 238 |
| Downloading Files .....  | 243 |
| Reviewing History and Most Viewed Sites .....                                | 244 |
| Most Viewed .....  | 244 |
| History .....  | 245 |

**7****Text and Multimedia Messaging .....** **247**

|                                      |     |
|--------------------------------------|-----|
| The Messaging Application .....      | 248 |
| Messaging Application Settings ..... | 250 |
| Composing Messages .....             | 252 |
| Attaching Files .....                | 254 |
| Receiving Messages .....             | 256 |

**8****Date, Time, and Calendar .....** **261**

|   |     |
|---|-----|
| Setting the Date and Time .....             | 262 |
| The Clock Application (Droid 1 and 2) ..... | 263 |
| Launching the Clock Application .....       | 263 |
| Navigating the Clock Application .....      | 264 |
| Managing Alarms .....                       | 265 |
| Viewing and Managing Weather and News ..... | 267 |

|   |     |
|---|-----|
| The Clock Application (Droid Incredible and Eris) ..... | 268 |
| Launching the Clock Application .....                   | 269 |
| Navigating the Clock Application .....                  | 270 |
| Managing Alarms .....                                   | 270 |
| Viewing and Managing Weather .....                      | 273 |
| The Calendar Application .....                          | 274 |
| The Calendar Main Screen .....                          | 274 |
| Adding a New Event/Appointment .....                    | 275 |
| Editing or Deleting an Event .....                      | 278 |
| Responding to Event Reminders .....                     | 279 |
| Calendar Settings .....                                 | 280 |
| Responding to an Event Invitation .....                 | 281 |

## 9

**Taking, Storing, and Viewing Pictures ..... 285**

|   |     |
|---|-----|
| Using the Camera .....                        | 286 |
| Original Droid Camera .....                   | 286 |
| Droid Incredible and Droid Eris Camera .....  | 289 |
| Droid X Camera .....                          | 291 |
| Viewing and Managing Your Photos .....        | 296 |
| Gallery (Droid and Droid 2) .....             | 296 |
| Album Menu .....                              | 297 |
| Managing and Sharing Photos in an Album ..... | 298 |
| Photos (Droid Incredible and Eris) .....      | 301 |
| Gallery (Droid X) .....                       | 304 |
| Synchronizing Photos with Your Computer ..... | 309 |
| Manually Working with Pictures .....          | 310 |
| Working with doubleTwist .....                | 314 |

## 10

**Working with Android Applications ..... 317**

|                                     |     |
|-------------------------------------|-----|
| Configuring Google Checkout .....   | 318 |
| Navigating Android Market .....     | 319 |
| Browsing Apps by Category .....     | 320 |
| Downloading Free Applications ..... | 321 |
| Buying Applications .....           | 322 |

|  |     |
|--|-----|
| Deleting Applications .....                  | 324 |
| Deleting an Application Using Settings ..... | 324 |
| Deleting an Application Using Market .....   | 326 |
| Keeping Applications Up to Date .....        | 328 |

## **11 Customizing Your Droid ..... 333**

|   |     |
|---|-----|
| Changing Your Wallpaper .....             | 334 |
| Wallpaper from Gallery Pictures .....     | 335 |
| Live Wallpaper .....                      | 336 |
| Using Scenes (HTC Droids Only) .....      | 338 |
| Changing the Scene .....                  | 338 |
| Creating Your Own Scene .....             | 339 |
| Changing Your Keyboard .....              | 341 |
| Swype Keyboard .....                      | 343 |
| Adding Widgets to Your Home Screens ..... | 345 |
| Adding a Widget .....                     | 345 |
| Moving a Widget .....                     | 346 |
| Removing a Widget .....                   | 347 |
| Region and Language .....                 | 347 |
| Accessibility Settings .....              | 349 |
| Search Settings .....                     | 350 |

## **12 Maintaining Droid and Solving Problems ..... 353**

|   |     |
|---|-----|
| Updating Android .....                      | 354 |
| Battery Optimizing .....                    | 355 |
| Looking After the Battery .....             | 355 |
| Extending Battery Life .....                | 356 |
| See What Is Using Power .....               | 359 |
| Dealing with Misbehaving Applications ..... | 361 |
| Caring for Droid's Exterior .....           | 364 |
| Getting Help with Your Droid .....          | 365 |

## **Index ..... 367**



In the Prologue, you learn about the external features of the Droid and the basics of getting started with your Droid. Topics include the following:

---

- Your Droid's external features
- Fundamentals of Android
- Installing synchronization software



P

## Getting to Know Your Droid

Let's start by getting to know more about your Droid. We cover the external features, device features, and go over how the Android operating system works.

### What Is Droid?

Droid is a clever marketing name given to Smartphones running Android on the Verizon CDMA cellular network in the United States. Android Smartphones that are given the Droid name can come from different manufacturers. For example, the original Droid comes from Motorola and its real name is the Motorola A855. The same Smartphone is available in GSM form outside the U.S. and is called the Motorola Milestone. Another example is the Droid Eris, which is actually made by HTC and is sold outside the U.S. as the HTC Hero. Now that you know what Droid is, let's take a look at the external features of the Droid.

## Your Droid's External Features

The external features of the Droid vary slightly from one model to another. For example, some Droids have physical keyboards and a camera button and others do not.

### Motorola Droid and Milestone

The Motorola Droid and Motorola Milestone are the same phone, so these external features apply to both models.



**Proximity sensor** Detects when you place your Droid against your ear to talk, which causes it to turn off the screen to prevent any buttons from being pushed inadvertently.

**Light sensor** Adjusts the brightness of your Droid's screen based on the brightness of the ambient light.

### **Earpiece**

**Volume Up/Down button** Controls audio volume while playing music, watching a video, or talking on the phone.

**Touchscreen** The Droid has a 480×854 pixel LCD (Liquid Crystal Display) screen with capacitive touch and a white back light. Because the screen uses capacitive touch, you do not need to press hard.

**Microphone** Picks up your voice when you are on the phone.

**Back button** Press to go back one screen when using an application or menu.

**Menu button** Press to display a menu of choices. The menu differs based on what screen you are looking at and what application you are using.

**Home button** Press to go to the Home screen. The application that you are using continues to run in the background.

**Search button** Press to type or speak a search term. Your Droid searches your phone and the Internet for content that matches the search term.



**5 Megapixel camera with autofocus** Takes clear pictures close-up or far away.

**LED (Light Emitting Diode) camera flash** Helps to illuminate the surroundings when taking pictures in low light.

**Speaker** Audio is produced when speakerphone is in use. Keep your Droid on a hard surface for the best audio reflection.

**Back cover** Press firmly on the back cover to slide it downward when you need to swap the battery, Micro-SD card, or your SIM card.



**Power button** Press once to wake up your Droid. Press and hold for one second to reveal a menu of choices. The choices enable you to put your Droid into silent mode or airplane mode, or power it off completely.

**3.5 mm headphone jack** Plug in your Droid or third-party headsets to enjoy music and talk on the phone.

**Physical keyboard** Slide the keyboard out from under the screen to type.

**Navigation pad** Move up, down, left, or right on the screen and press in the middle to select.

## Motorola Droid 2 and Milestone 2

The Motorola Droid 2 and Motorola Milestone 2 are the same phone, so these external features apply to both models.



**Proximity sensor** Detects when you place your Droid against your ear to talk, which causes it to turn off the screen to prevent any buttons from being pushed inadvertently.

**Light sensor** Adjusts the brightness of your Droid's screen based on the brightness of the ambient light.

### **Earpiece**

**Volume Up/Down button** Controls audio volume while playing music, watching a video, or talking on the phone.

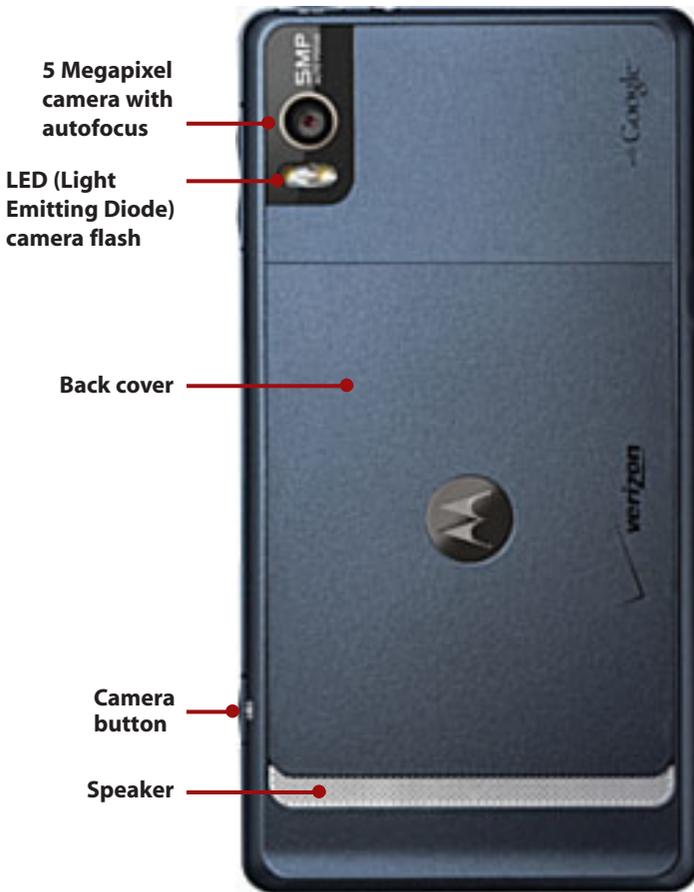
**Touchscreen** The Droid 2 has a 480×854 pixel LCD (Liquid Crystal Display) screen with capacitive touch and a white backlight. Because the screen uses capacitive touch, you do not need to press hard.

**Back button** Press to go back one screen when using an application or menu.

**Menu button** Press to display a menu of choices. The menu differs based on what screen you are looking at and what application you are using.

**Home button** Press to go to the Home screen. The application that you are using continues to run in the background.

**Search button** Press to type or speak a search term. Your Droid searches your phone and the Internet for content that matches the search term.



**5 Megapixel camera with autofocus** Takes clear pictures close-up or far away.

**LED (Light Emitting Diode) camera flash** Helps to illuminate the surroundings when taking pictures in low light.

**Speaker** Audio is produced when speakerphone is in use. Keep your Droid on a hard surface for the best audio reflection.

**Back cover** Press firmly on the back cover to slide it downward when you need to swap the battery, Micro-SD card, or your SIM card.



**Power button** Press once to wake up your Droid. Press and hold for one second to reveal a menu of choices. The choices enable you to put your Droid into silent mode or airplane mode, or power it off completely.

**3.5 mm headphone jack** Plug in your Droid or third-party headsets to enjoy music and talk on the phone.

**Physical keyboard** Slide the keyboard out from under the screen to type.

**Navigation buttons** Use the Navigation buttons to move up, down, left, or right on the screen.

## Motorola Droid X

The Motorola Droid X does not seem to have a non-U.S. counterpart like the Droid, so this phone will likely be a Verizon U.S. exclusive.



**Proximity sensor** Detects when you place your Droid against your ear to talk, which causes it to turn off the screen to prevent any buttons from being pushed inadvertently.

**Light sensor** Adjusts the brightness of your Droid's screen based on the brightness of the ambient light.

## Earpiece

**Volume Up/Down button** Controls audio volume while playing music, watching a video, or talking on the phone.

**Touchscreen** The Droid X has a 480×800 pixel AMOLED (Active Matrix Organic Light Emitting Diode) screen with capacitive touch, which does not require backlight. Consequently, it saves battery life and produces vivid colors. Because the screen uses capacitive touch, you do not need to press hard.

**Microphone** Picks up your voice when you are on the phone.

**Back button** Press to go back one screen when using an application or menu.

**Menu button** Press to display a menu of choices. The menu differs based on what screen you are looking at and what application you are using.

**Home button** Press to go to the Home screen. The application that you are using continues to run in the background.

**Search button** Press to type or speak a search term. Your Droid searches your phone and the Internet for content that matches the search term.



**8 Megapixel camera with autofocus** Takes clear pictures close-up or far away.

**LED (Light Emitting Diode) camera flash** Helps to illuminate the surroundings when taking pictures in low light.

**Speaker** Audio is produced when speakerphone is in use. Keep your Droid on a hard surface for the best audio reflection.

**Back cover** Press firmly on the back cover to slide it downward when you need to swap the battery or Micro-SD card.

**Video recording microphone** When recording videos, this microphone is used.

**Noise cancellation microphone** While on a call, this microphone is used to determine background noise and eliminate it.

**Power button** Press once to wake up your Droid. Press and hold for one second to reveal a menu of choices. The choices enable you to put your Droid into silent mode or airplane mode, or power it off completely.

**3.5 mm headphone jack** Plug in your Droid or third-party headsets to enjoy music and talk on the phone.

**Camera button** Press to activate the camera.



**Micro-USB port** Use the supplied Micro-USB cable to charge your Droid X, or connect it to a computer to synchronize multimedia and other content.

**HDMI port** HDMI (High Definition Multimedia Interface) has become the standard for connecting high-definition equipment such as plasma TVs and Blu-Ray players. This HDMI port enables you to play movies on your HDTV.

## HTC Droid Incredible

The HTC Droid Incredible does not seem to have a non-U.S. counterpart like the Droid, so this phone will likely be a Verizon U.S. exclusive.



**Proximity sensor** Detects when you place your Droid against your ear to talk, which causes it to turn off the screen to prevent any buttons from being pushed inadvertently.

**Light sensor** Adjusts the brightness of your Droid's screen based on the brightness of the ambient light.

**Notification LED** Shows solid green when connected to a charger or computer and is also fully charged. Flashes green when you have a pending notification (such as a new email). Shows solid red when the battery is being charged. Flashes red when the battery level is low.

## Earpiece

**Power button** Press once to wake up your Droid. Press and hold for one second to reveal a menu of choices. The choices allow you to put your Droid into silent mode or airplane mode, or power it off completely.

**Touchscreen** The Droid Incredible has a 480×800 pixel AMOLED (Active Matrix Organic Light Emitting Diode) screen with capacitive touch, which does not require backlight and therefore saves on battery life and produces vivid colors. Because the screen uses capacitive touch, you do not need to press hard.

**Microphone** Picks up your voice when you are on the phone.

**Back button** Press to go back one screen when using an application or menu.

**Menu button** Press to display a menu of choices. The menu differs based on what screen you are looking at and what application you are using.

**Home button** Press to go to the Home screen. The application that you are using continues to run in the background.

**Search button** Press to type or speak a search term. Your Droid searches your phone and the Internet for content that matches the search term.

**Optical joystick** Navigate the screen or select items on the screen that are too small to touch with your finger. Slide your thumb over it and move it around to navigate. Press it to select items on the screen.



**8 Megapixel camera with autofocus** Takes clear pictures close-up or far away.

**Dual LED (Light Emitting Diode) camera flash** Helps to illuminate the surroundings when taking pictures in low light.

**Speaker** Audio is produced when speakerphone is in use. Keep your Droid on a hard surface for the best audio reflection.

**Back cover** Press firmly on the back cover to slide it downward when you need to swap the battery or Micro-SD card.



**Micro-USB port** Use the supplied Micro-USB cable to charge your Droid Incredible or connect it to a computer to synchronize multimedia and other content.

**Volume Up/Down button** Controls audio volume while playing music, watching a video, or talking on the phone.

## HTC Droid Eris

The HTC Droid Eris does not seem to have a non-U.S. counterpart like the Droid, although many accept that the HTC Droid Eris is essentially an HTC Hero without the "chin."



**Proximity sensor** Detects when you place your Droid against your ear to talk, which causes it to turn off the screen to prevent any buttons from being pushed inadvertently.

**Notification LED** Shows solid green when connected to a charger or computer and is also fully charged. Flashes green when you have a pending notification (such as a new email). Shows solid red when the battery is being charged. Flashes red when the battery level is low.

## Earpiece

**Touchscreen** The Droid Eric has a 320×480 pixel LCD (Liquid Crystal Display) screen with capacitive touch and a white backlight. Because the screen uses capacitive touch, you do not need to press hard.

**Back button** Press to go back one screen when using an application or menu.

**Menu button** Press to display a menu of choices. The menu differs based on what screen you are looking at and what application you are using.

**Home button** Press to go to the Home screen. The application that you are using continues to run in the background.

**Search button** Press to type or speak a search term. Your Droid searches your phone and the Internet for content that matches the search term.

**Call button** Press to answer calls, launch the phone, and place calls.

**End/power button** Press to end calls. In standby mode, press once to wake up your Droid. Press and hold for one second to reveal a menu of choices. The choices enable you to put your Droid into silent mode or airplane mode, or power it off completely.

**Trackball** Navigate the screen or select items on the screen that are too small to touch with your finger. Slide your thumb over the trackball and move it to navigate. Press it to select items on the screen.



**5 Megapixel camera with autofocus** Takes clear pictures close-up or far away.

**Speaker** Audio is produced when speakerphone is in use. Keep your Droid on a hard surface for the best audio reflection.

**Back cover** Remove when you need to swap the battery or Micro-SD card.

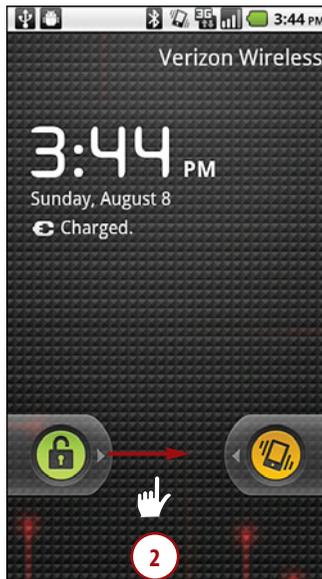
# Fundamentals of Android

Your Droid is run by an operating system called Android, which was created by Google to run on any Smartphone, and there are quite a few that run on Android today. Android works pretty much the same on all Smartphones with small differences based on the version of Android installed and the interface tweaks that each manufacturer may have made. Let's go over how to use Android.

## The Unlock Screen

If you haven't used your Droid for a while, the screen goes blank to conserve battery power. To unlock your Droid, do the following:

1. Press the Power button.
2. Slide the green Padlock button to the right. This unlocks your Droid.



---

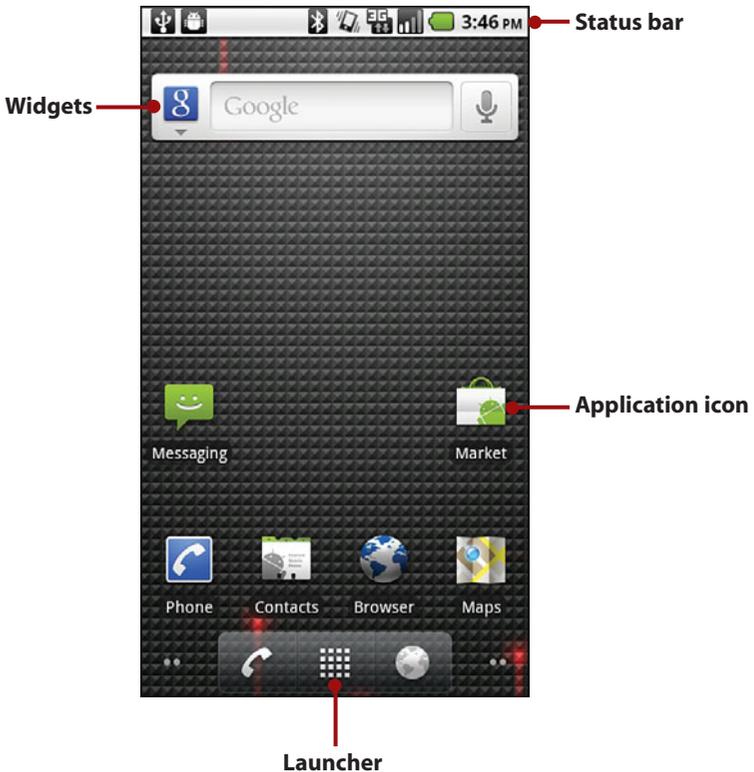
## Silence Your Droid

On the unlock screen, there is a second button, which enables you to silence your Droid without having to first unlock it. Simply slide the yellow button to the left to toggle between silent mode and audio alert mode.

---

## The Home Screen

After you unlock your Droid, you are presented with the Home screen. The Home screen contains application icons, a Launcher icon, status bar, and widgets.



**Widgets** Applications that run right on the Home screen. They are specially designed to provide functionality and real-time information to the Home screen. An example of a widget is one that shows the current weather or provides a search capability.

**Application icon** These are application icons that have been dragged to the Home screen from the Launcher. When you touch one, it launches the associated application.

**Launcher** Touch to show application icons for all applications that you have installed on your Droid.

**Status bar** Shows the time, signal strength, battery level, and which type of network you are connected to, Wi-Fi or cellular. Also shows any notification icons such as new mail.

---

## Drag the Status Bar

You can drag the status bar down to see more notifications or more details on the notifications. When the status bar has been pulled down, touch on a notification to be taken to the appropriate application.

---

---

## HTC Sense UI

If you have a Droid Eris or Droid Incredible, you might be using the Sense UI from HTC. I do not cover all the Sense UI's functions in this book but refer to it every now and then. Although the standard method of seeing all your applications is to touch the Launcher icon, when you are using the Sense UI, you touch the up arrow to the left of the Phone icon to reveal your applications.

---

Your Droid's Home screen is actually composed of five parts or five screens. To see the other parts or screens, touch your finger on the right part of the screen and swipe to the left. You then see another part of the Home screen.

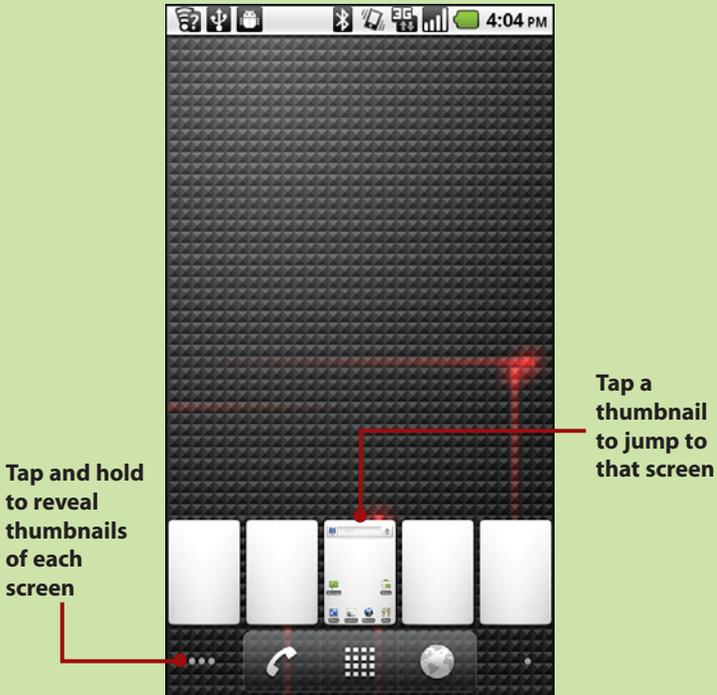
Many Droids do not come with any widgets or icons on these other parts of the Home screen, leaving them blank for you to populate.

## WHAT ARE THOSE DOTS?

The small dots you see on the bottom left and right of the screen serve two purposes. They visually indicate how many screens there are to the left and right of where you are. For example, if you are on the main (or middle) screen, you see two dots on the bottom left, and two on the bottom right. If you swipe right, you see one dot on the bottom left and three on the bottom right, indicating that there is one screen to your left and three to your right.

If you touch and hold the dots, you see small thumbnail images of each screen. Touch the thumbnail of the screen you want to switch to.

&gt;&gt;&gt; Go Further



## Using Your Droid's Touchscreen

Interacting with your Droid is done mostly by touching the screen, what's known as making gestures on the screen. You can touch, swipe, pinch, double-tap, and type.

**Touch** To start an application, touch its icon. Touch a menu item to select it. Touch the letters of the onscreen keyboard to type.

**Touch and hold** Touch and hold to interact with an object. For example, if you touch and hold a blank area of the Home screen, a menu pops up. If you touch and hold an icon, you can reposition it with your finger.

**Drag** Dragging always starts with a touch and hold. For example, if you touch the status bar, you can drag it down to read all of the status messages.

**Swipe or slide** Swipe or slide the screen to scroll quickly. To swipe or slide, move your finger across the screen quickly. Be careful not to touch and hold before your swipe or you will reposition something.

**Double-tap** Double-tapping is like double-clicking a mouse on a desktop computer. Tap the screen twice in quick succession. You can double-tap a web page to zoom in to part of that page. Double-tap also works in the camera application. Double-tap to zoom the camera.

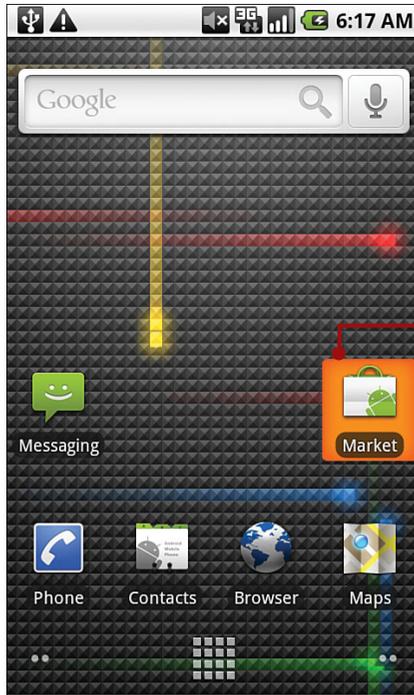
**Pinch** To zoom in and out of images and pages, place your thumb and forefinger on the screen. Pinch them together to zoom out or spread them apart to zoom in (unpinching). Applications like Browser, Gallery, and Maps currently support pinching.

**Rotate the screen** If you rotate your Droid from an upright position to being on its left side, the screen switches from portrait view to landscape view. Most applications honor the screen orientation. The Home screen does not.

## Your Droid's Secondary Navigation Method

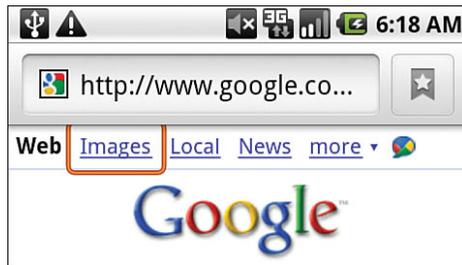
Although you can do all things with your Droid by touching the screen, sometimes you might find it easier to use the included trackball, optical joystick, navigation pad, or navigation buttons to navigate and select icons, links on web pages, or small objects on the screen such as calendar entries.

To move around a screen or applications using the trackball or optical joystick, lightly touch the trackball or optical joystick with your thumb, and move it in all directions. The Motorola Droid has a directional navigation pad on the keyboard, and the Droid 2 has four directional buttons. As soon as your Droid detects that you are navigating with the alternative method, you see an orange block that highlights what you are currently hovering over.



The orange block shows which object you are hovering over

To select the icon or link on a web page that you are hovering over, press down on the trackball.



## Using Your Droid's Keyboard

With the exception of the Motorola Droid and Droid 2, your Droid has a virtual or onscreen keyboard for those times when you need to enter text. You may be a little wary of a keyboard that has no physical keys, but you will be pleasantly surprised at how well it works. Let's go through the main points of the keyboard.

Some applications automatically show the keyboard when you need to enter text. If the keyboard does not appear, touch the area where you want to type and the keyboard slides up ready for use.



The Droid and Droid 2 both have physical keyboards that slide out from under the screen. As soon as you slide out the keyboard, the screen automatically turns to landscape mode. Although these Droids have physical keyboards, they both support the virtual keyboard in portrait and landscape modes.



Using the virtual keyboard as you type, your Droid makes word suggestions. Think of this as similar to the spell checker you would see in a word processor. Your Droid uses a dictionary of words to guess what you are typing. If the word you were going to type is highlighted in orange, touch space or period to select it. If you can see the word in the list but it is not highlighted in orange, touch the word to select it. This feature does not work when you are using the physical keyboard on the Droid or Droid 2.

To make the next letter you type a capital letter, touch the Shift key. To make all letters capitals (or CAPS), touch and hold or double-tap the Shift key to engage CAPS Lock. Touch Shift again to disengage CAPS Lock.

To backspace or delete what you have typed, touch the DEL key.

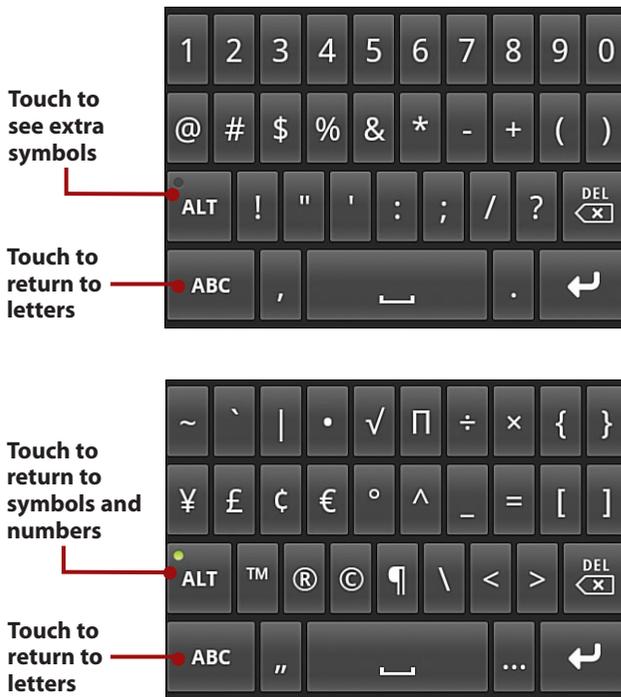
To type numbers or symbols on the virtual keyboard, touch the Symbols key. On the physical keyboard hold the ALT key while pressing space to see Symbols.



## Add Your Word

If you want to save a suggested word to your dictionary, touch and hold the word. You see a pop-up that shows the word and Saved next to it.

When on the Number and Symbols screen, touch the ALT key to see extra symbols. Touch the ABC key to return to the regular keyboard. From the extra symbols keyboard, touch ALT to return to the numeric keyboard or ABC to see the regular keyboard.



## Quick Access to Symbols

If you want to type commonly used symbols, touch and hold the period key. A small window opens with those common symbols. Press the X to return to the regular keys.

To enter an accented character, touch and hold any vowel or C, N, or S keys. A small window opens enabling you to select an accented or alternative character. Touch the X to close the window.



To reveal other alternative characters, touch any other letter, number, or symbol.




---

## Want a Larger Keyboard?

Turn your Droid sideways to switch to a landscape keyboard. The landscape keyboard has larger keys and is easier to type on.

---

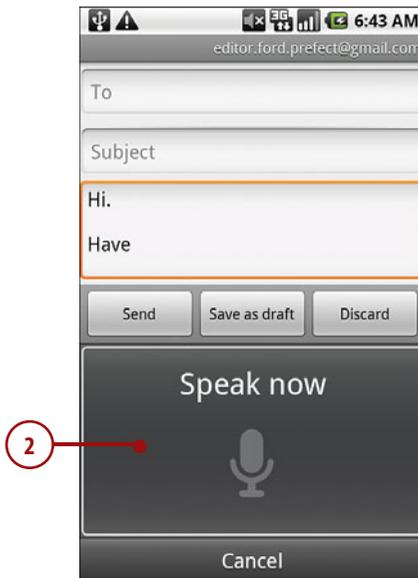
## Speak Instead of Typing

Your Droid can turn your voice into words. It uses Google's speech recognition service, which means that you must have a connection to the cellular network or a Wi-Fi network to use it.

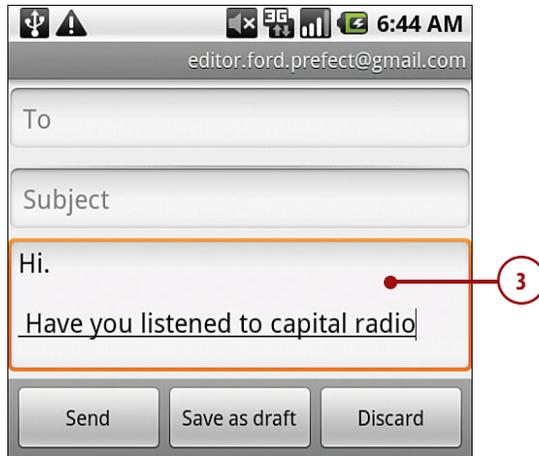
1. While the onscreen keyboard is visible, touch the microphone key. Alternatively, you can swipe your finger across the keyboard from left to right. This does not work with the physical keyboard.



2. The microphone pops up. Wait for the message "Speak Now" and start speaking what you want to be typed. You can speak the punctuation by saying "comma," "question mark," "exclamation mark," or "exclamation point."



3. After you have spoken what you want to type, you briefly see “Working” and then your text is placed in the text field. The text remains underlined, so you can touch the DEL key to delete it. If you are satisfied with the text, continue typing on the keyboard or touch the Back button to close the keyboard.

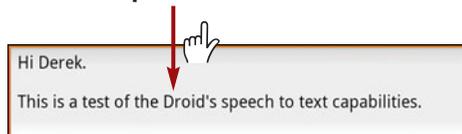


## Editing Text

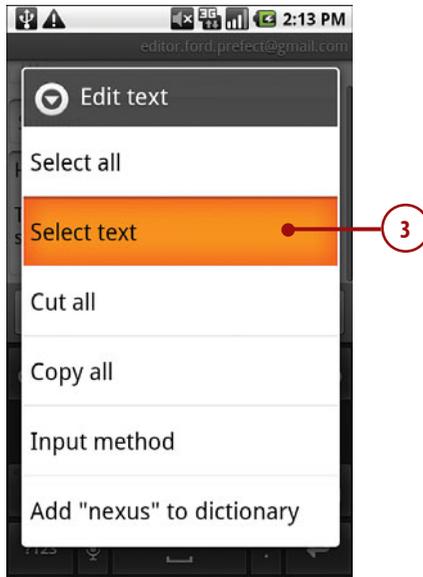
After you enter text, you can edit it by cutting, copying, or pasting the text. Editing is done with the alternative navigation method (trackball, optical joystick, navigation pad) because it is easier to select text this way.

1. While you are typing, touch the text area.
2. Use the trackball, joystick, or navigation pad to scroll to the location where you want to cut, copy, or paste text.

**Move cursor to  
the position**



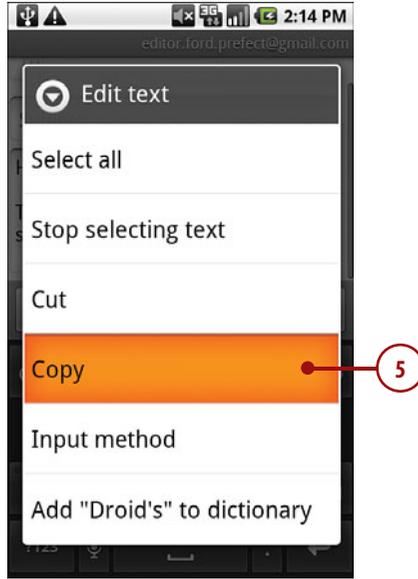
3. Press and hold the trackball, joystick, or navigation pad to reveal a menu. Choose the option that fits your needs. For the example, choose Select Text.



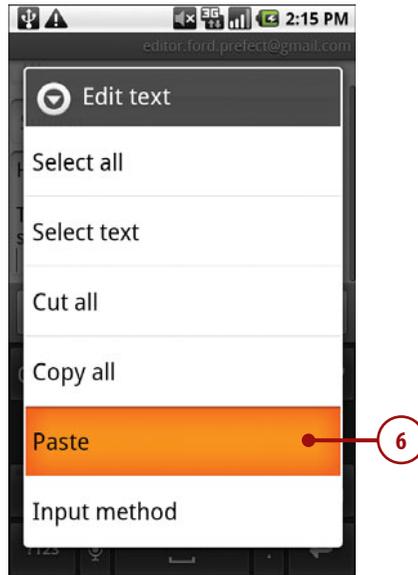
4. Use the trackball, joystick, or navigation pad to scroll over the text you want to cut or copy. Press the trackball, joystick, or navigation pad again.



5. Select either Cut or Copy from the menu and then use the trackball, joystick, or navigation pad to move the cursor to the location where you want to paste the text.



6. Press and hold the trackball, joystick, or navigation pad and select Paste from the menu.



## Starting and Switching Applications

We cover applications for your Droid in Chapter 10, “Working with Android Applications,” but here is how to start an application and switch between them. Each application has an associated icon. Those icons can be on the Home screen or in the Launcher. The Launcher displays every application you have installed.

1. To start an application from the Home screen, touch the icon.
2. To open the Launcher, touch the Launcher icon.



3. Because all the icons do not fit on one screen, the Launcher shows them falling off the bottom edge. Swipe upward to see more icons.



4. Touch the Home icon or the Home button to close the Launcher and return to the Home screen.

---

## Switch Between Applications

You can quickly switch between recently used applications by touching and holding the Home button. A small window pops up revealing the most recently used applications. Touch an icon to switch to that application.

---

## Menus

Your Droid has two types of menus: Options menus and Context menus. Let's go over what each one does.

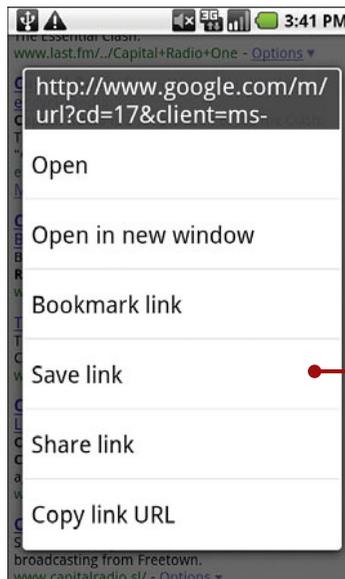
Most applications have Options menus. These allow you to make changes or take actions within that application. Sometimes the Options menu has a More item that allows you to see more options.

**Touch the Menus button to reveal the Options Menu**



**Touch to see more options**

A Context menu applies to an item on the screen. If you touch and hold something on the screen (in this example, a link on a web page), a Context menu appears. The items on the Context menu differ based on the type of object you touched.



**Context-appropriate commands appear when you touch and hold something on screen**

## Installing Synchronization Software

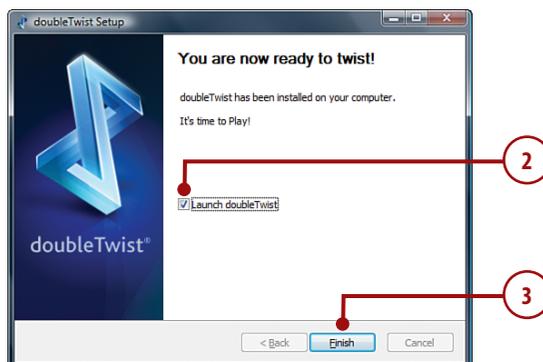
Your Droid is designed to work in a disconnected fashion without the need to connect it to your desktop computer. However you might still want to synchronize some content from your computer to your Droid. One of the most common uses for this software is to synchronize music and photos. In this book we use an application called doubleTwist. Other applications also provide synchronization for your Droid, such as Missing Sync from Mark/Space, but I've used doubleTwist because it is free. Before we begin, download the version you need (Windows or Mac OSX) from <http://www.doubletwist.com>.

### Installing doubleTwist on Windows

1. Double-click on the doubleTwist install file. On the first screen, click Install.

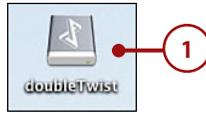


2. When the install is complete, make sure that the Launch doubleTwist box is checked.
3. Click Finish.

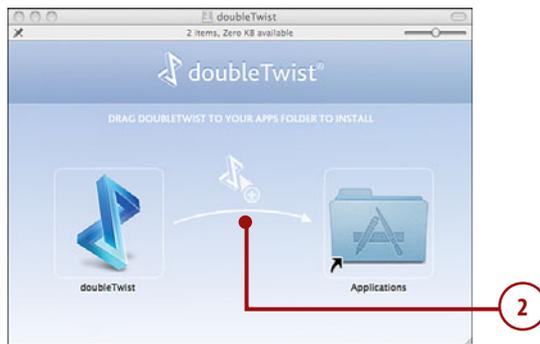


## Installing doubleTwist on Mac OSX

1. Double-click on the doubleTwist disc on your Mac desktop.



2. Drag the doubleTwist icon to the Applications folder icon.



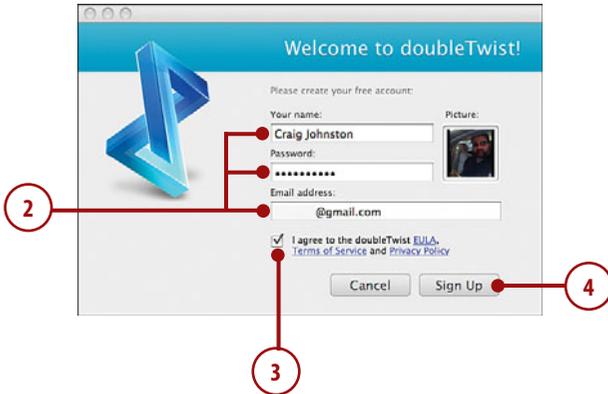
## Creating a doubleTwist Account

The first time you run doubleTwist, it asks you to log in using your doubleTwist account. You probably don't have one, so let's go through how to create a free doubleTwist account. The steps and screens are the same for the Windows and Mac versions of doubleTwist.

1. Touch Create Account.



2. Type in your name, choose a password, and type in your email address.
3. Agree to the doubleTwist EULA.
4. Click Sign Up.



5. The next screen tells you to check your mailbox for an activation email. Switch to your email application and follow the instructions in the email. After your account is activated, switch back to this screen, and click Continue to start using doubleTwist.



*This page intentionally left blank*



verizon

12:05 PM

12 05  
PM

New York  
Sunny



Wed, May 5  
58° H: 62°  
L: 47°



Market



Camera



Internet



People



Messages



Mail

Display simulated and subject to change

Phone



menu



In this chapter, you'll learn about your Droid's audio and video capabilities, including how your Droid plays video and music, and how you can synchronize audio and video from your desktop computer. Topics include the following:

---

- The Music application for audio and music
- The Gallery application for video
- YouTube
- Using doubleTwist to synchronize audio and video

# 3

## Audio and Video

Your Droid is a strong multimedia Smartphone with the ability play back many different audio and video formats. The large screen enables you to turn your Droid sideways to enjoy a video in its original 16:9 ratio. You can also use your Droid to search YouTube, watch videos, and even upload videos to YouTube right from your phone.

## The Music Application—Audio (Droid and Droid X)

Let's take a look at how the Music application works and how to enjoy hours of music while you work.

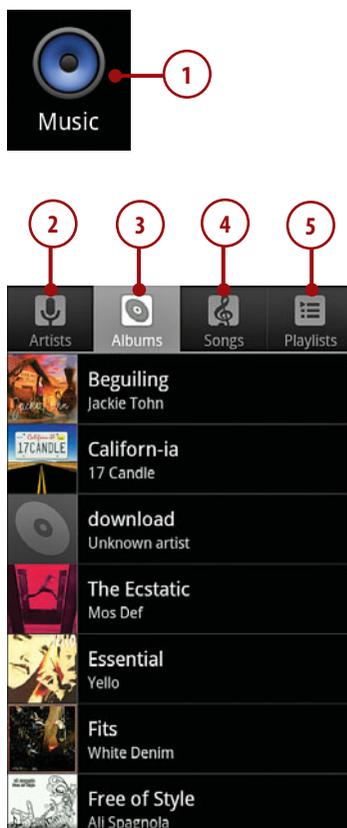
1. Touch the Music icon on the Home screen. The Music application presents you with any music and audio files that you have copied to your Droid.
2. Touch Artists to filter the view by artist. Touch an artist's name to reveal songs by that artist and then touch a song to play it.
3. Touch Albums to filter the view by album title. Touch an album name to reveal songs on that album and then touch a song to play it.
4. Touch Songs to filter the view by song title. This shows all songs by all artists. Touch a song to play it.
5. Touch Playlists to show any music playlists that you have synchronized to your Droid. We cover how to do that later in the chapter.

---

### Don't Forget the Search Button

One important thing to remember is the Search button. No matter what view you are in, you can always touch the Search button and either type or speak your search.

---



## SCROLL BY LETTER

In any view you can scroll through your albums, artists, or songs quickly by touching the scroll box that pops out on the right of the screen. Move it up and down to jump to items beginning with the letter of the alphabet that shows in the large box. So for example, to jump to artists that begin with the letter D, scroll until you see the letter D appear in the large box, and then release the scroll box.



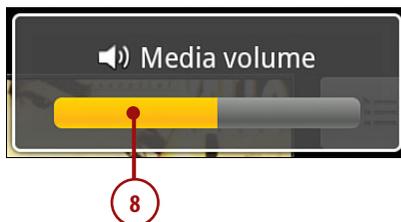
**Move the scroll box up and down to jump through the alphabet**

**This box shows the letter**

## Controlling Playback

While your music is playing, you have some control over how it plays, and the selection of music that plays.

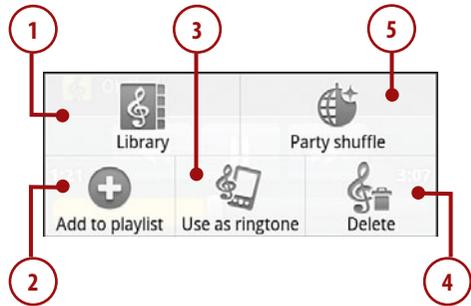
1. Touch to jump to the previous song in the album, playlist, or shuffle. Touch and hold to rewind the song.
2. Touch to jump to the next song in the album, playlist, or shuffle. Touch and hold to fast forward the song.
3. Touch to pause the song. The button turns into the Play button when a song is paused. Touch again to resume playing a paused song.
4. Touch to open the current playlist. If the song is not in a playlist, the list of all songs displays.
5. Touch to shuffle the current playlist. This plays the songs in the playlist in random order. If the song is not in a playlist, all songs on your Droid are shuffled.
6. Touch to enable repeating. Touch once to repeat all songs, touch again to repeat the current song only, touch again to disable repeating.
7. Drag to skip through the song.
8. Press the volume control on the left of your Droid to increase or decrease the volume of the music. A Media Volume window pops up and displays the volume level visually.



## Taking More Actions

While a song is playing, if you touch the Menu button, you can take a few actions on the song.

1. Touch to see your entire music library.
2. Touch to add the current song to a playlist.
3. Touch to use the song as the current ringtone for your Droid.
4. Touch to delete the current song. Confirm the deletion on the next screen.
5. Touch to let your Droid start the Party Shuffle feature.



---

### Your Droid Is the Party DJ

When you enable Party Shuffle, your Droid creates an on-the-fly playlist and chooses 12 random tracks for it. As it nears the end of the playlist, it adds another 12 random tracks. It keeps doing this until your turn off Party Shuffle.

---

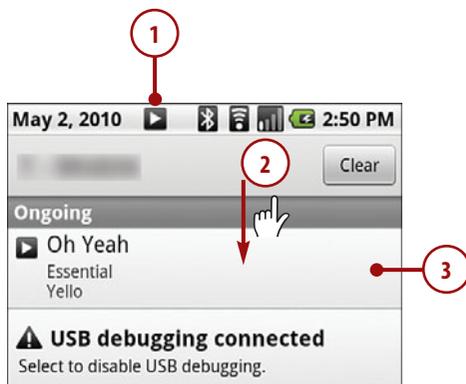
## Working and Listening to Music

While your music is playing, you can continue using your Droid without interrupting the music.

1. To work on other applications while listening to music, touch the Home button. The notification bar displays an icon indicating your music is still playing.
2. To switch back to the currently playing song, pull down the notification bar.
3. Touch the song.

### What If I Get a Call?

If someone calls you while you are listening to music, your Droid pauses the music and displays the regular incoming call screen. After you hang up, the music continues playing.



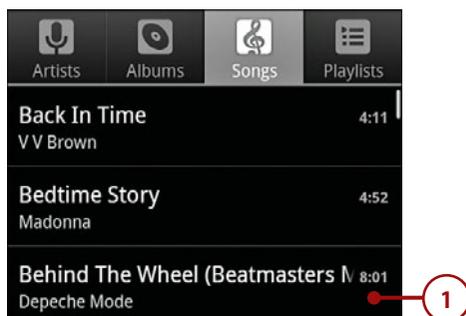
## Managing Playlists (Droid and Droid X)

Playlists allow you to group songs together. Here is how to create them and use them.

### Creating a New Playlist on Your Droid

To create a new playlist, you must already know the first song you want to add to it.

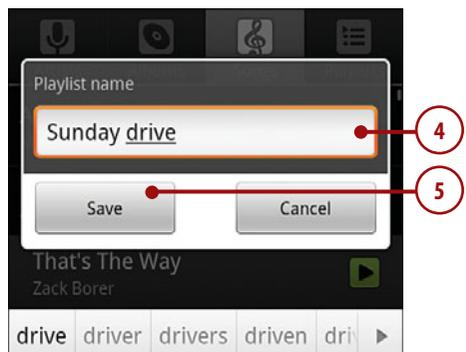
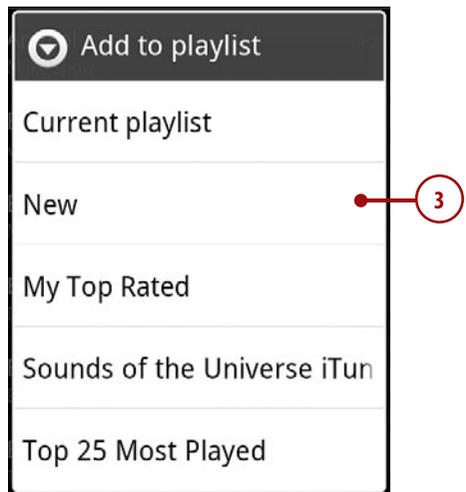
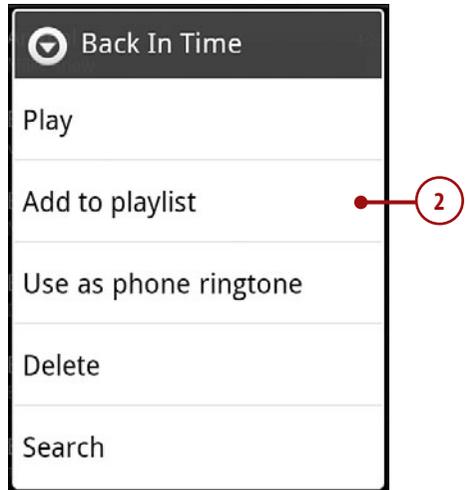
1. Touch and hold a song.



2. Touch Add to Playlist.
3. Touch New.
4. Type in the name of the playlist.
5. Touch Save.

### Create a Playlist While Listening

You can create a playlist while listening to the song you want to use to create that playlist with. Touch the Menu button and choose Add to Playlist.

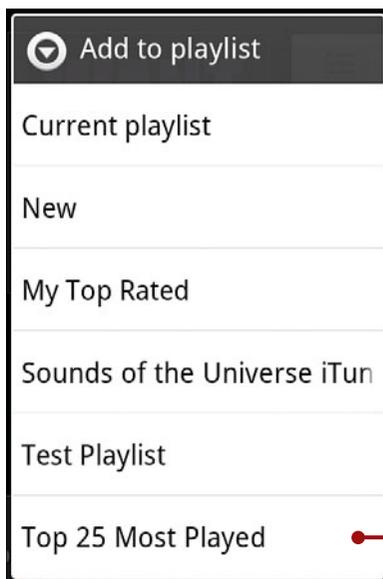
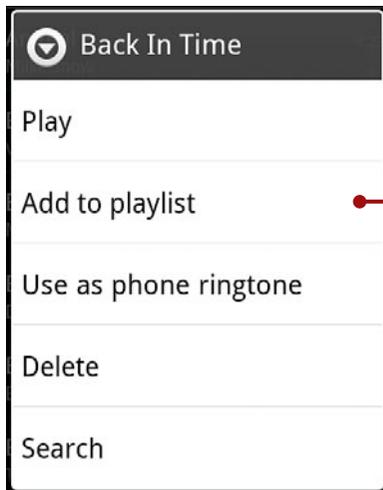


## Adding a Song to an Existing Playlist

1. While listening to a song, touch the Menu button. Then touch Add to Playlist.
2. Touch the playlist you want to add the song to.

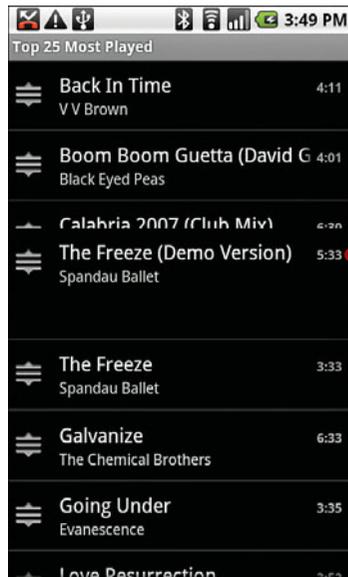
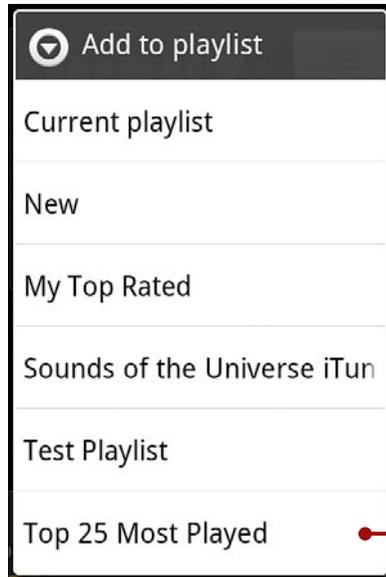
### Add to Playlist from Library

You can also add a song to a playlist when viewing your song library. Touch and hold on a song; then choose Add to Playlist.



## Rearranging Songs in a Playlist

1. Touch a Playlist to show the songs in it.
2. Touch and hold the three lines to the left of a song you want to move. Move that song up and down until it is in the right place, and then release it.



## Clearing a Playlist

1. Touch a Playlist to show the songs in it.
2. Touch Menu and touch Clear Playlist. Be careful because there is no warning; the playlist is cleared immediately.



## *It's Not All Good*

### CLEARING BUGS

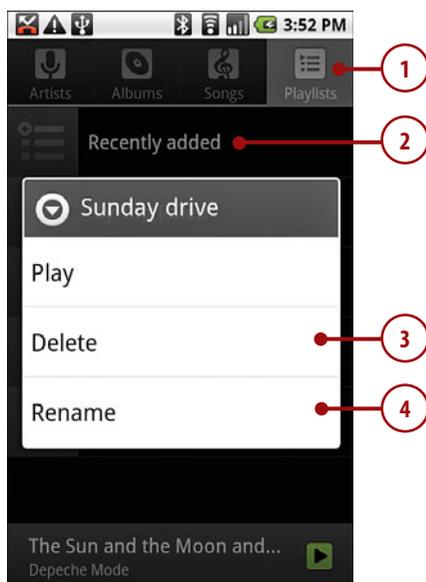
There seem to be some bugs with clearing playlists. First, the Clear Playlist menu item is not visible unless you are playing a song from that playlist. Second, when you touch Clear Playlist, it is not actually cleared. If you go back to the Playlist view and touch that playlist, all the songs are still listed. Hopefully this will be fixed in a new version of Android.

### Deleting and Renaming a Playlist

1. Touch Playlists to show the list of playlists.
2. Touch and hold on the playlist you'd like to rename or delete.
3. Touch Delete to delete the playlist. Be careful because there is no warning; the playlist is immediately deleted.
4. Touch Rename to rename the playlist. Type in the new name and touch Save.

#### Songs Not Deleted

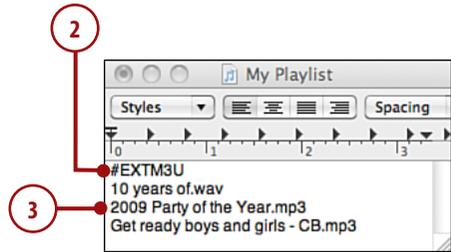
When you clear or delete a playlist, remember that the songs listed in them are not deleted from your Droid. Playlists are just groupings of song names.



## Manually Creating a Playlist on a Computer

When we cover doubleTwist later in this chapter, we go over how to synchronize playlists from iTunes, but there is another way to create playlists. If you feel like having complete control over the creation process, these are the steps.

1. Gather the songs you want to place in your new playlist in their own folder on your computer.
2. Use a text editor to create a new text file. (Notepad in Windows or TextEdit on the Mac will do.) Type this text at the top of the file:  
  
#EXTM3U  
  
3. Type the filenames for each song you want in the playlist, each on a separate line.
4. Save the text file and make sure the file extension is .m3u.
5. Connect your Droid to your computer using the USB cable. On your Droid, drag down the notification area.
6. Touch USB Connected.



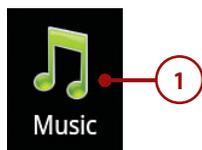
7. Touch Mount to mount your Droid as a new drive in Windows or OSX.
8. Drag your folder that contains the songs and the playlist file to your Droid. You can put it anywhere. Then, on your desktop computer, eject the Droid by right-clicking on it and selecting Eject.
9. On your Droid, drag down the notification area again, but this time touch Turn off USB storage. When your Droid finishes processing the new files, it plays a sound. Your new songs and playlist should be successfully loaded.



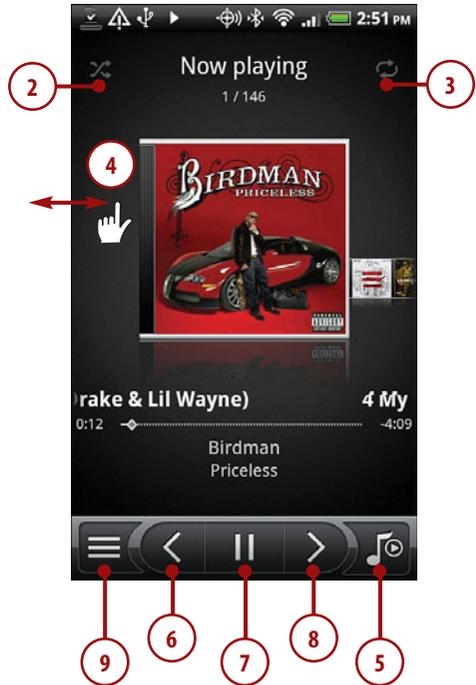
## The Music Application—Audio (Droid Incredible and Eris)

Let's take a look at how the Music application works and how to enjoy hours of music while you work.

1. Touch the Music icon on the Home screen. The Music application presents you with any music and audio files that you have copied to your Droid.



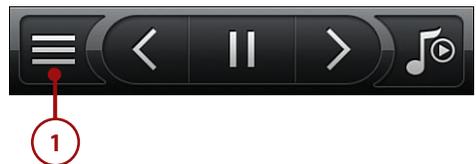
2. Touch to enable or disable shuffle mode. This is where your Droid randomly selects tracks to play.
3. Touch to repeat all songs; touch again to repeat just the current song; touch again to disable.
4. Touch and scroll left and right to view all songs.
5. Touch to view the Now Playing songs in a list.
6. Touch to jump to the previous song.
7. Touch to pause the song. Touch again to resume playing.
8. Touch to jump to the next song.
9. Touch to see all of your music filtered by artist, album, playlist, genre, and composer.



## Viewing Your Music

While your music is playing, you can scroll left and right through the tracks, or you can see all of your music filtered, which makes it easier to find what you are looking for.

1. Touch to view music filters.

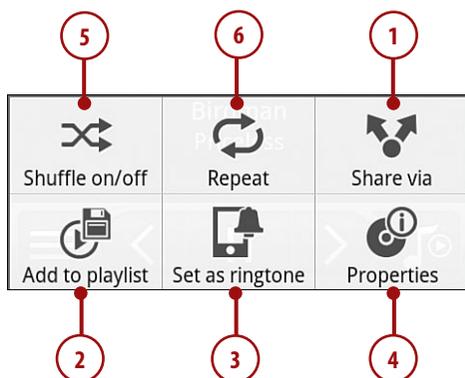
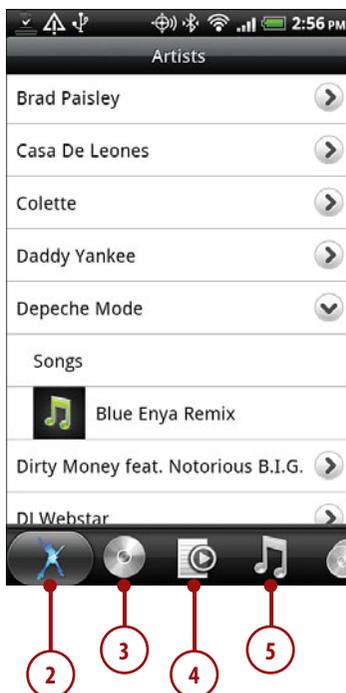


2. Touch to view songs by album.
3. Touch to view playlists.
4. Touch to see all songs.
5. Touch to see songs grouped by genre.

## Taking More Actions

While a song is playing, if you touch the Menu button, you can take a few actions on the song.

1. Touch to share the song over Bluetooth. This actually sends the music file to another device over Bluetooth. This normally only works when sending to a computer, not to another phone.
2. Touch to add the current song to a playlist. You are presented with a list of playlists. Touch one, or add a new playlist.
3. Touch to use the song as the current ringtone for your Droid.
4. Touch to see more details about the song.
5. Touch to enable shuffle mode.
6. Touch to repeat the song.



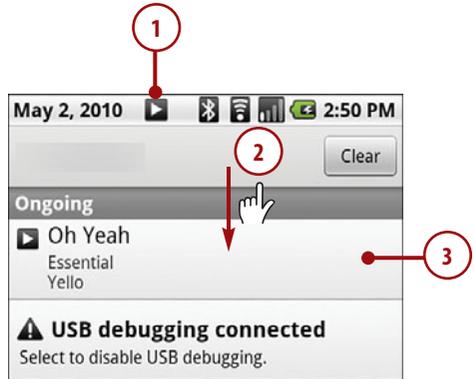
## Working and Listening to Music

While your music is playing, you can continue using your Droid without interrupting the music.

1. To work on other applications while listening to music, touch the Home button. The notification bar displays an icon indicating your music is still playing.
2. To switch back to the currently playing song, pull down the notification bar.
3. Touch the song.

### What If I Get a Call?

If someone calls you while you are listening to music, your Droid pauses the music and displays the regular incoming call screen. After you hang up, the music continues playing.



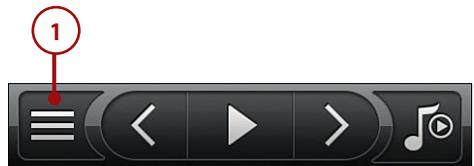
## Managing Playlists (Droid Incredible and Eris)

Playlists allow you to group songs together. Here is how to create them and use them.

### Creating a New Playlist on Your Droid

You can create a new playlist anytime. Here is how.

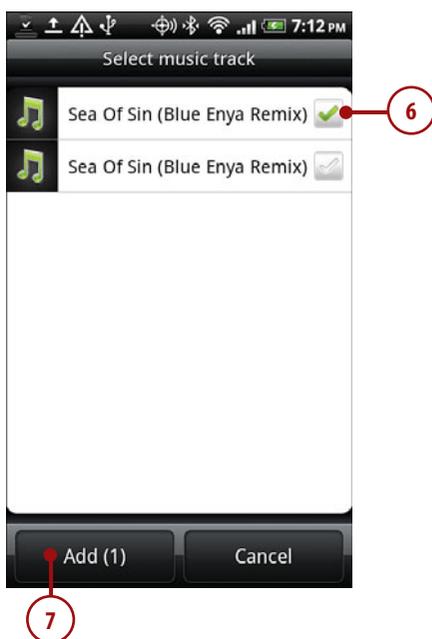
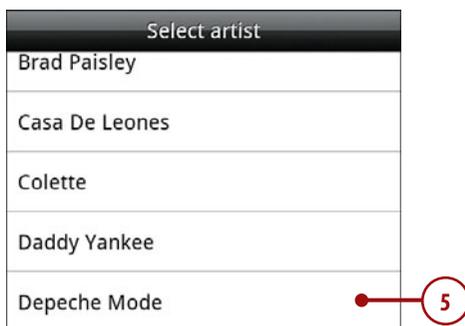
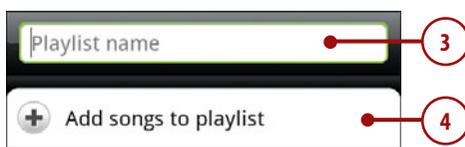
1. Touch to see the filtered song view.



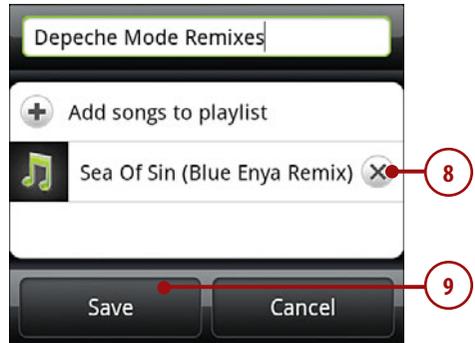
2. Touch to see the Playlist view.
3. Type the name of the playlist.
4. Touch to add songs to the playlist.
5. Touch on an artist.
6. Touch to select one or more songs.
7. Touch to continue.

### Select All or Nothing

While selecting songs to add to your playlist, if you touch the Menu button you can touch Select All or Unselect All.

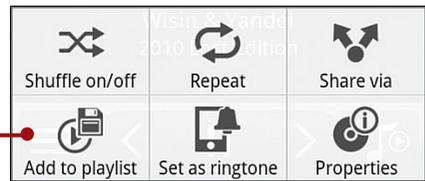


8. Touch to remove a song from the playlist.
9. Touch to save the playlist.



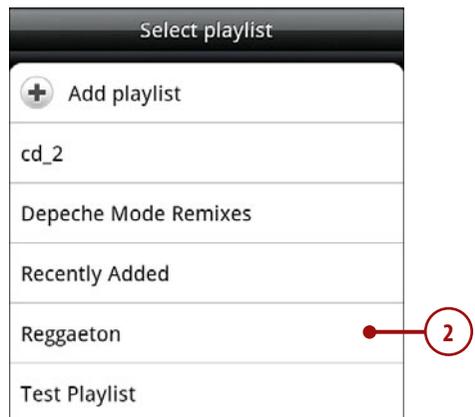
## Adding a Song to an Existing Playlist

1. While listening to a song, touch the Menu button. Then touch Add to Playlist.
2. Touch the playlist you want to add the song to.



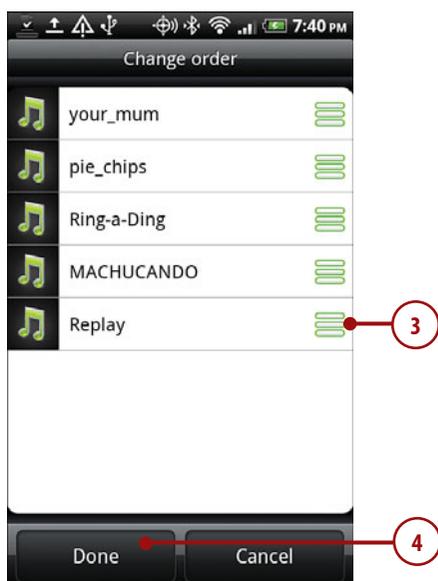
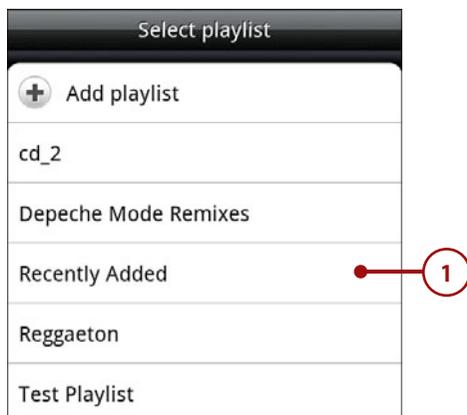
## Add to Playlist from Library

You can also add a song to a playlist when viewing your song library. Touch and hold on a song; then choose Add to Playlist.



## Rearranging Songs in a Playlist

1. Touch a Playlist to show the songs in it.
2. Touch the Menu button and touch Change Order.
3. Touch and hold the three lines to the left of a song you want to move. Move that song up and down until it is in the right place and then release it.
4. Touch Done to save your changes.



## Renaming or Deleting a Playlist

To rename or delete a playlist, start by touching and holding the name of the playlist you want to change.

1. Touch to delete the playlist.
2. Touch to rename the playlist.

### Songs Not Deleted

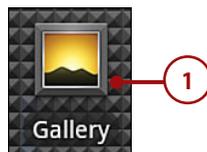
When you clear or delete a playlist, remember that the songs listed in them are not deleted from your Droid. Playlists are just groupings of song names.



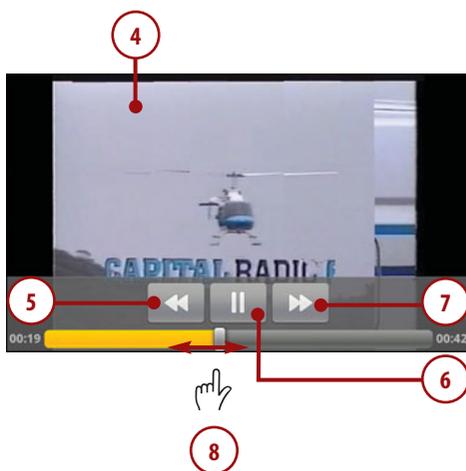
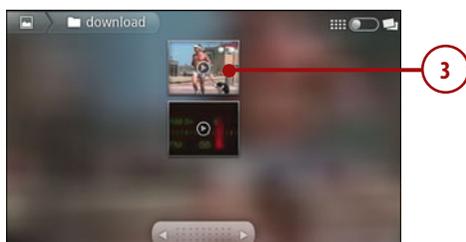
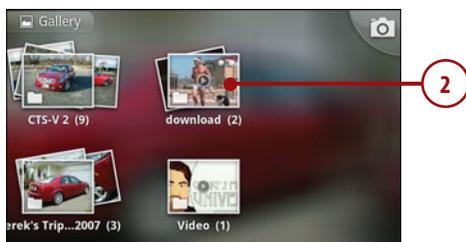
## The Gallery Application—Video (Droid 1)

The Gallery application allows you to view pictures and video, and share pictures and video with people via MMS, Bluetooth, YouTube, and email. We cover viewing and sharing videos in this chapter and cover pictures in Chapter 9, "Taking, Storing, and Viewing Pictures."

1. Touch the Gallery icon to launch the Gallery application.



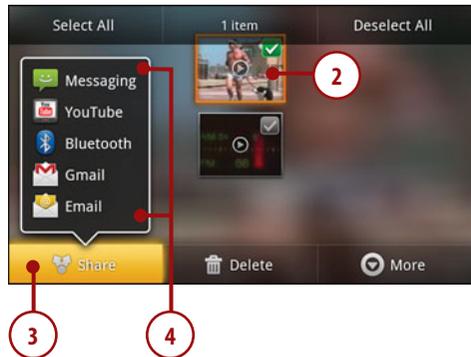
- Albums that contain videos have a little Play icon. Touch an album to view available videos.
- Touch a video to start playing it.
- While a video is playing, touch the screen to reveal the playback controls.
- Touch to jump backward a few seconds.
- Touch to pause the video, and touch again to resume playing it.
- Touch to jump forward a few seconds.
- Drag left and right to move rapidly forward and backward through the video.
- Drag left and right to move rapidly forward and backward through the video.



## Sharing Videos

You can share small videos with people from the Gallery application. Here is how.

1. Touch the Menu button twice to show the Gallery Menu.
2. Touch one or more videos. Videos you've selected have a green check mark.
3. Touch Share.
4. Touch a method for sharing the videos.

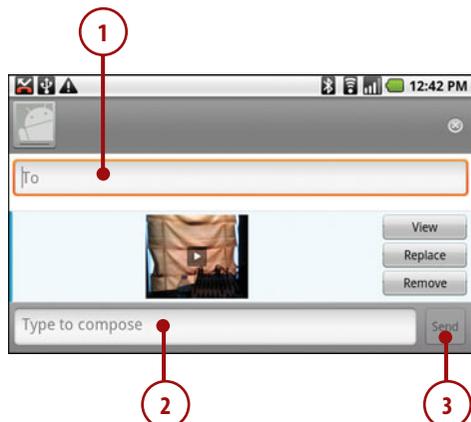


### Small Video Size

You can only share very small videos from your Droid. The video file size cannot exceed 3Mb, which is about 1 minute of high-quality video, or about 2 minutes of low-quality video. This is true for all types of video sharing, excepting MMS, where the videos can only be 30 seconds long.

## Sharing Video Using MMS

1. Address the MMS.
2. Type an optional message to go with the video.
3. Touch to send the MMS.



## Sharing Video Using Bluetooth

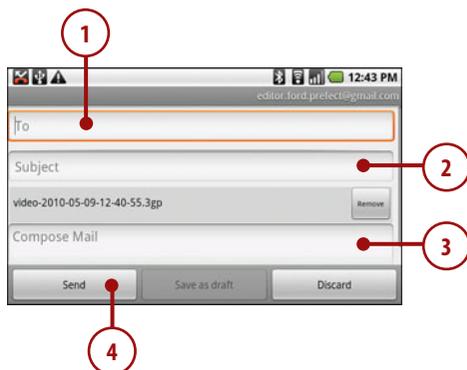
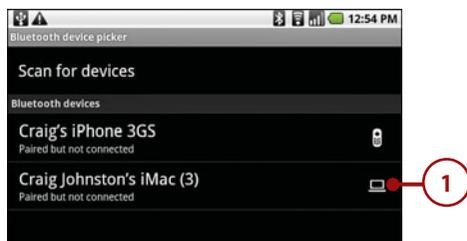
1. Touch the previously paired Bluetooth device. If the paired device accepts Bluetooth file sharing, the video is sent. We cover how to pair Bluetooth devices in Chapter 4, “Connecting to Bluetooth, Wi-Fi, and VPNs.”

### Bluetooth Sharing Might Fail

Many phones do not accept incoming Bluetooth files, but devices like computers do. Even on computers, the recipient must configure her Bluetooth configuration to accept incoming files.

## Sharing Video Using Email or Gmail

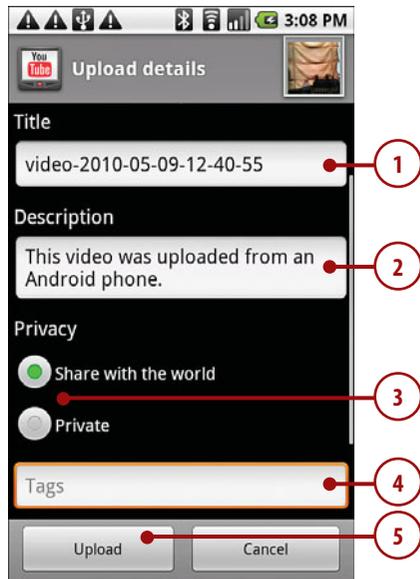
1. Address the email.
2. Type an optional subject.
3. Type an optional message.
4. Touch to send the email.



## Sharing Video on YouTube

If you have not previously entered your YouTube account, you are prompted to do so before you can upload your video.

1. Enter the title of your video.
2. Enter the description of the video.
3. Set the video's privacy options.
4. Enter any tags for the video, separating tags using commas.
5. Touch Upload.



## Deleting Videos

1. Touch the Menu button twice to show the Gallery menu.
2. Touch one or more videos. Videos you select have a green check mark.
3. Touch Delete.
4. Touch Confirm Delete.

### More Details About Your Video

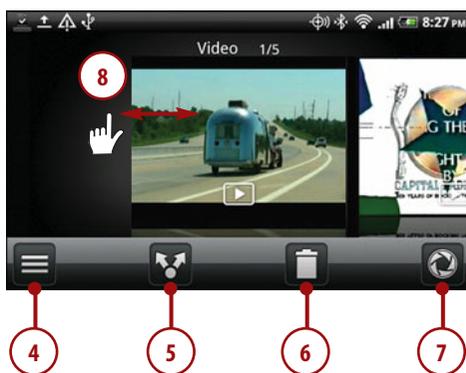
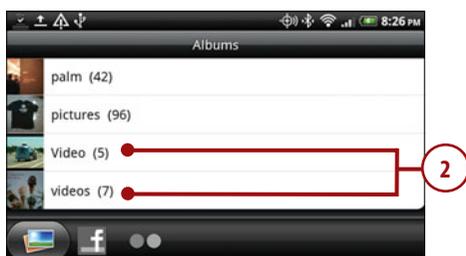
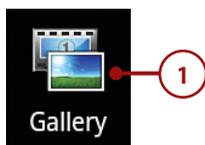
To see more details about a specific video, touch More and then touch Details while the video is selected. The application displays the title, type of video (e.g. 3GPP, MP4), date the video was created, the album it is in, and the GPS location (if this is available).



## The Gallery Application—Video (Droid Incredible and Eris)

The Gallery application allows you to view pictures and video, and share pictures and video with people via MMS, Bluetooth, YouTube, and email. We cover viewing and sharing videos in this chapter and cover pictures in Chapter 9.

1. Touch the Gallery icon to launch the Gallery application.
2. Touch the Video or videos' albums to see videos. The Video album contains any video synchronized from your computer; the videos album contains video recorded with the camera on your Droid.
3. Touch a video to start playing it.
4. Touch to return to the albums view.
5. Touch to share the one or more video via Bluetooth, Gmail, Mail, Messages (MMS), or YouTube.
6. Touch to delete one or more videos.
7. Touch to launch the video camera.
8. Drag left and right to move rapidly forward and backward through the video.



## Sharing Videos

You can share small videos with people from the Gallery application. Here is how.

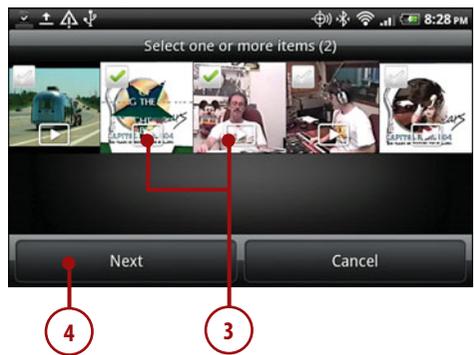
1. Touch to share one or more videos.
2. Touch to choose your method of sharing. Remember that if you want to share a video on YouTube, you must first have a YouTube account.
3. Touch one or more videos to mark them as selections.
4. Touch Next.

### Small Video Size

Depending on your cellular carrier, you might be able to share only very small videos from your Droid. The video file size normally cannot exceed 3Mb, which is about 1 minute of high-quality video, or about 2 minutes of low-quality video. This is true for all types of video sharing, except MMS, where the videos can be as short as 30 seconds.

### Bluetooth Sharing Might Fail

Many phones do not accept incoming Bluetooth files, but devices such as computers do. Even on computers, the recipient must configure her Bluetooth configuration to accept incoming files.

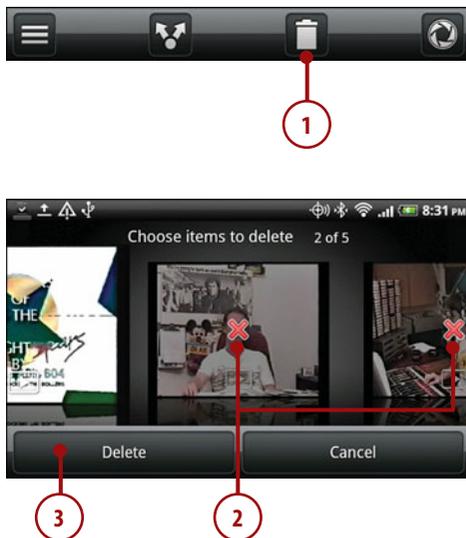


## Deleting Videos

1. Touch to select one or more videos for deletion.
2. Touch one or more videos. Videos you select have a red X.
3. Touch Delete.

### More Details About Your Video

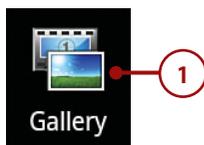
To see more details about a specific video, touch and hold on a video and then touch Details while the video is selected. The application displays the title, type of video (such as 3GPP or MP4), the date the video was created, the album it is in, and the GPS location (if this is available).



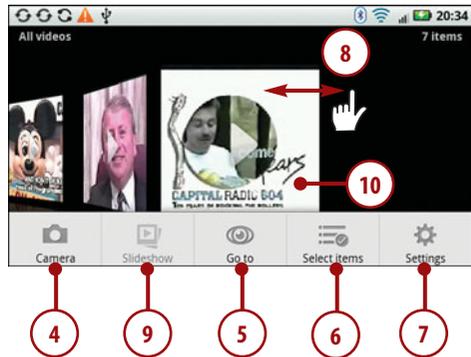
## The Gallery Application—Video (Droid X)

The Gallery application enables you to view pictures and video, and share pictures and video with people via MMS, Bluetooth, YouTube, and email. We cover viewing and sharing videos in this chapter and cover pictures in Chapter 9.

1. Touch the Gallery icon to launch the Gallery application.



2. Touch the Videos albums to see videos.
3. Touch the Menu button to reveal more options.
4. Touch to launch the video camera.
5. Touch to jump to videos recorded or loaded on a specific day.
6. Touch to select one or more videos.
7. Touch to change the settings of the Gallery application.
8. Drag left and right to move rapidly forward and backward through the video.
9. Touch to start a slide show. This option works only when you are viewing pictures.
10. Touch a video to show it full screen ready for playing. Touch the Play icon on the video to start playing it.



## Sharing, Editing, and Deleting Videos

You can share small videos with people from the Gallery application. You can also edit videos right on your Droid including adding titles, shortening the video, and removing frames.

1. Touch the video to show it full screen. Touch the Menu button to reveal more choices.

2. Touch to launch the video camera.
3. Touch to share the video via Bluetooth, Email, Gmail, your online album, MMS, or YouTube.
4. Touch to edit the video. You can add tags to the video or crop it, add titles, or remove frames from it.
5. Touch to delete the video.
6. Touch to change the settings of the Gallery application.

---

### Small Video Size

Depending on your cellular carrier, you might be able to share only very small videos from your Droid. The video file size normally cannot exceed 3Mb, which is about 1 minute of high-quality video, or about 2 minutes of low-quality video. This is true for all types of video sharing, except MMS, where the videos can be as short as 30 seconds.

---

---

### Bluetooth Sharing Might Fail

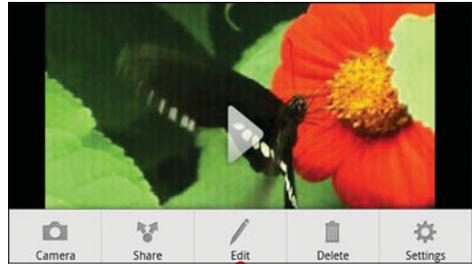
Many phones do not accept incoming Bluetooth files, but devices such as computers do. Even on computers, the recipient must configure her Bluetooth configuration to accept incoming files.

---



## Editing Videos

1. Touch a video to show it full screen. Touch the Menu button to reveal more options.
2. Touch to edit the video.
3. Touch to add tags to the video. Tags are like key words.
4. Touch to edit the video.
5. Drag the yellow beginning and end markers to shorten the video.
6. Touch the Menu button to reveal more options.
7. Touch to save the edited video.
8. Touch to extract the current frame from the video.
9. Touch to add a title to the video.
10. Touch to resize the video.
11. Touch to remove the audio from the video.



2



5

5



7

8

9

10

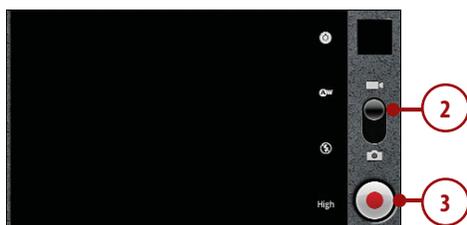
11

## The Camera Application—Recording Videos (Droid 1)

The Camera application enables you to take pictures, record video, and upload video straight to YouTube. We cover the video recording and upload features of the Camera application in this chapter. Using the Camera application to take pictures is covered in Chapter 9.

### Recording Video

1. The Camera application should be on the Home screen. Touch to launch it. You can also press and hold the physical Camera button until you feel a short vibration.
2. Slide the switch from the still camera to the video position.
3. Touch the Start Video icon, or press the physical Camera button to start recording video. Touch the icon again or press the trackball again to stop recording.



### *It's Not All Good*

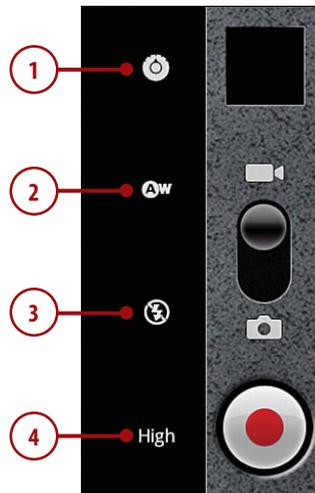
#### VIDEO FOCUSING IS OFF

While the camera is in still camera mode, when you take pictures, your Droid can focus the image using a mechanical auto-focus feature. However while recording videos, the focus remains frozen, so if you bring your Droid too close to someone or something, the video goes out of focus.

## Changing Video Settings

Before you record a video, you can change some settings that can alter how the video is recorded.

1. Touch to set the color effect. Your choices are Mono, Sepia, Negative, Solarize, Red Tint, Blue Tint, or Green Tint.
2. Touch to set the white balance. Your choices are Incandescent, Daylight, Fluorescent, and Cloudy.
3. Touch to set the flash mode. When in video mode, turning the flash on makes it remain on to light the area while you're recording.
4. Touch to set the video quality. Your choices are High (30m), which is 30 minutes of high-quality video, Low (30m), which is 30 minutes of low-quality video, MMS (Low, 60s), which is 60 seconds of low-quality video for MMS, and YouTube (High, 10m), which is 10 minutes of high-quality video for YouTube.

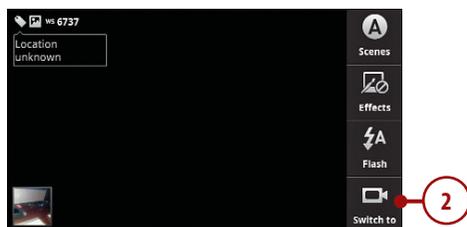
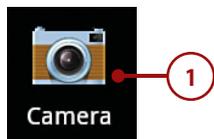


## The Camera Application—Recording Videos (Droid X)

The Camera application enables you to take pictures, record video, and upload video straight to YouTube. We cover the video recording and upload features of the Camera application in this chapter. Using the Camera application to take pictures is covered in Chapter 9.

## Recording Video

1. The Camera application should be on the Home screen. Touch to launch it. You can also press and hold the physical Camera button until you feel a short vibration
2. Touch to switch the camera to video mode.
3. Press the physical Camera button to start and stop recording video.



## *It's Not All Good*

### VIDEO FOCUSING IS OFF

While the camera is in still camera mode, when you take pictures, your Droid can focus the image using a mechanical auto-focus feature. However while recording videos, the focus remains frozen, so if you bring your Droid too close to someone or something, the video goes out of focus.

## Changing Video Settings

Before you record a video, you can change some settings that can alter how the video is recorded.

1. Touch to select scenes. Your choices are Everyday, Outdoors, Concert, Narrative, and Subject.
2. Touch to change the video effects. Your choices are Normal, Black and White, Negative, Sepia, Solarize, Red Tint, Green Tint, and Blue Tint.
3. Touch to turn the light on or off.
4. Touch to switch back to still camera mode.
5. Touch to enable or disable automatic tagging with your GPS location and to add your own custom tags.



## The Camera Application—Recording Videos (Droid Incredible and Eris)

The Camera application enables you to take pictures, record video, and upload video straight to YouTube. We cover the video recording and upload features of the Camera application in this chapter. Using the Camera application to take pictures is covered in Chapter 9.

### Recording Video

1. The Camera application should be on the Home screen. Touch to launch it.



2. Touch to pull out the settings panel.
3. Touch to switch the camera to video mode.
4. Press and hold the optical joystick to start recording video. Press it again to stop recording.



## *It's Not All Good*

### VIDEO FOCUSING IS OFF

While the camera is in still camera mode, when you take pictures, your Droid can focus the image using a mechanical auto-focus feature. However while recording videos, the focus remains frozen, so if you bring your Droid too close to someone or something, the video goes out of focus.

### Changing Video Settings

Before you record a video, you can change some settings that can alter how the video is recorded.

1. Touch to pull out the settings panel.
2. Touch to change the brightness.
3. Touch to turn the light on or off.
4. Touch to change the contrast, saturation, and sharpness.
5. Touch to choose video effects. Your choices are Gray Scale, Sepia, Negative, Solarize, and Posterize.
6. Touch to change the video settings including White Balance, ISO, Resolution, and Widescreen On/Off.

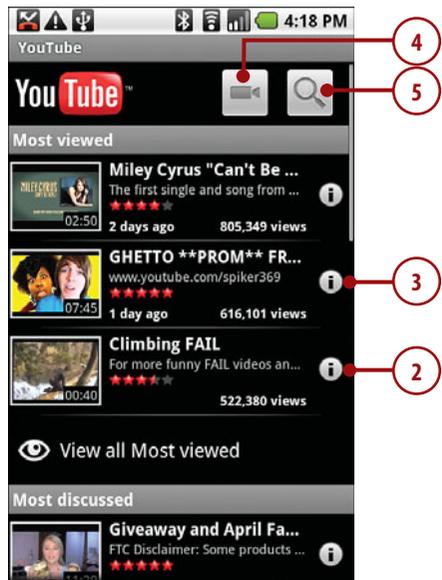
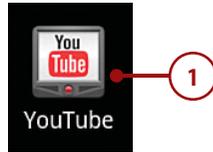


# YouTube

Your Droid comes with a YouTube application that enables you to find and watch videos, rate them, add them to your favorites, and share links to YouTube videos. The YouTube application even enables you to upload new videos.

## YouTube Main Screen

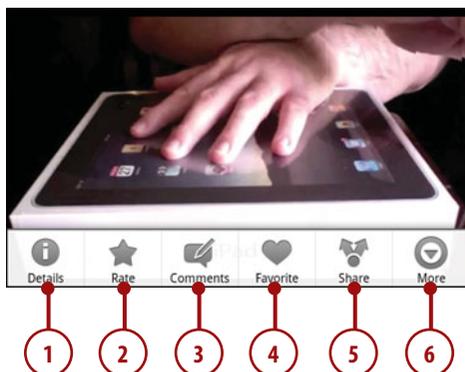
1. Touch the YouTube icon on the Home screen to launch the application.
2. Touch to play a video.
3. Touch to see information about the video and related videos.
4. Touch to upload your own video.
5. Touch to search for videos.



## Playing a Video

While playing a YouTube video, you can rate the video, read video comments, and share the video with someone.

1. Touch to see details about the video, and see related videos.
2. Touch to rate the video. This still uses the old-style five-star rating system. It is likely that the YouTube application will be updated to support the new YouTube rating system soon.
3. Touch to read comments about this video. You cannot add your own comments.
4. Touch to add the video to your YouTube favorite video list.
5. Touch to share the video with people using MMS, email, and Facebook. When you share the video, you are sharing only the link to it.
6. Touch More to flag a video as inappropriate or switch to another version of the video (either high or low quality).



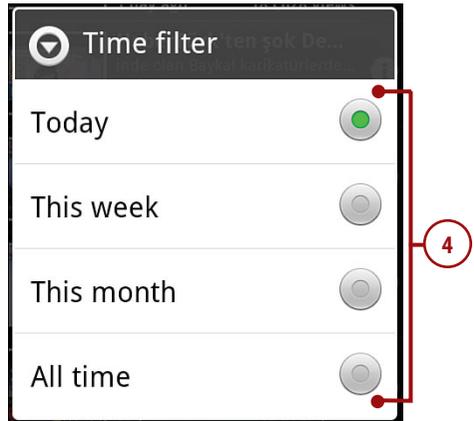
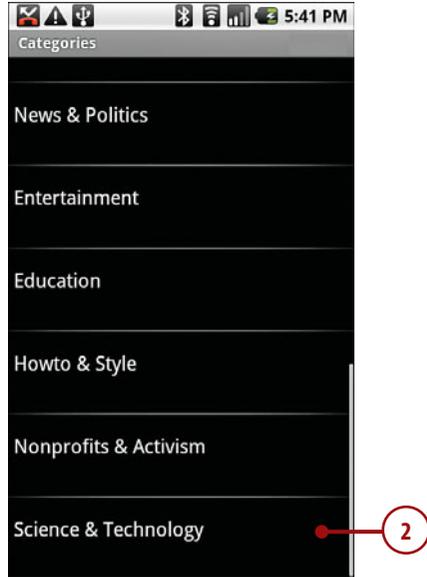
## Filtering Videos

When you first open the YouTube application, you are presented with the Featured videos. You can view videos from a specific category only.

1. Touch the Menu button, and touch Categories.



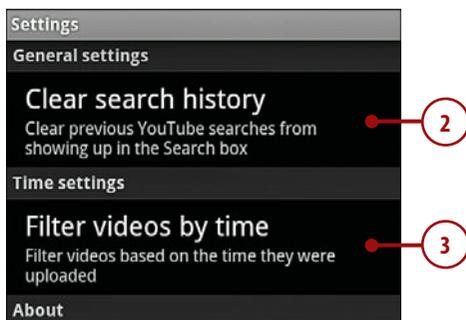
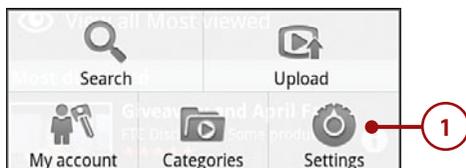
2. Scroll to and touch a category you want to filter the view to. Videos that have been uploaded today under this category are displayed.
3. Touch the Menu button and touch Time Filter to see videos older than today.
4. Touch the time filter you want. The Category display updates. When you change the time filter, it affects all YouTube screens.



## Changing YouTube Settings

If you want to clear your YouTube search history, or change the time filter, you can do this in the YouTube application's settings screen.

1. Touch the Menu button while looking at the main YouTube screen, then touch Settings.
2. Touch to clear your YouTube searches.
3. Touch to set the time filter.



## Amazon MP3

Your Droid comes with the Amazon MP3 application. This application enables you to search for and purchase music from Amazon and download it directly to your phone. Before you start, you need an Amazon account. If you don't have one, visit Amazon.com on your desktop computer to sign up.

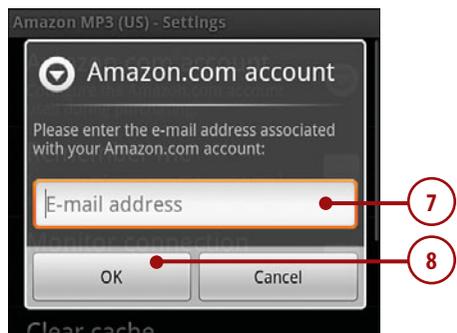
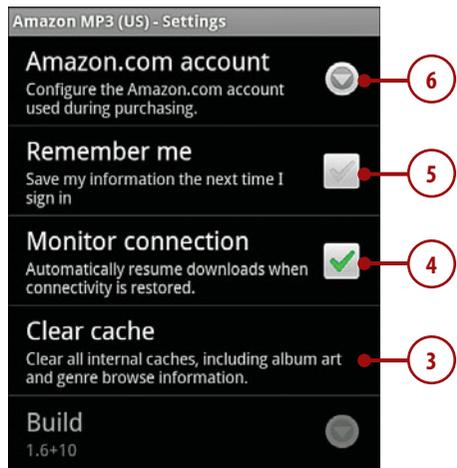
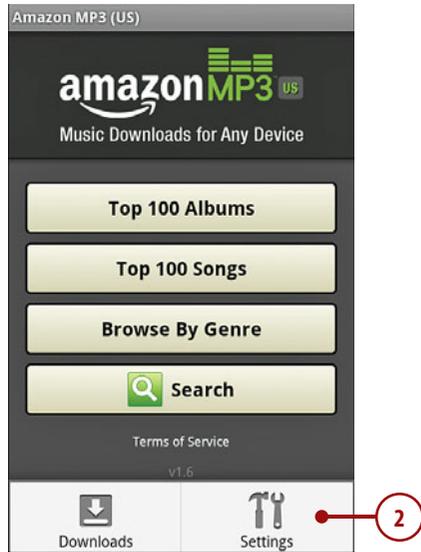
### Setting Up the Amazon MP3 Application

After you have your Amazon.com account, you are ready to use Amazon MP3. Here is how to set it up by entering your account details.

1. Touch the Amazon MP3 Store icon on the home screen.



2. Touch the Menu button after you see the main Amazon MP3 screen, and then touch Settings.
3. Touch to clear the Amazon application's cache. The cache is actually useful because it keeps copies of images and other content that helps screens load quicker, but clearing the cache can free up memory.
4. Touch to enable and disable connection monitoring. Keeping this enabled is a good idea because it allows the Amazon application to resume music downloads if you go into a cellular dead spot.
5. Touch to let the Amazon MP3 application remember your Amazon login.
6. Touch to access your Amazon account, or type in your details if this is your first time running the application.
7. Enter the email address you used to sign up with Amazon.com.
8. Touch OK to save your login information.



## Finding Music

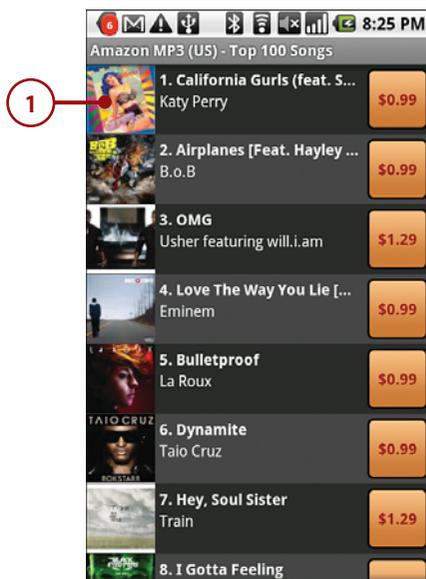
1. Touch to see the top 100 albums.
2. Touch to see the top 100 songs.
3. Touch to browse by music genre.
4. Touch to search for music.



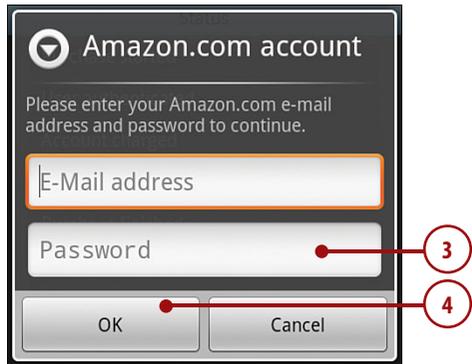
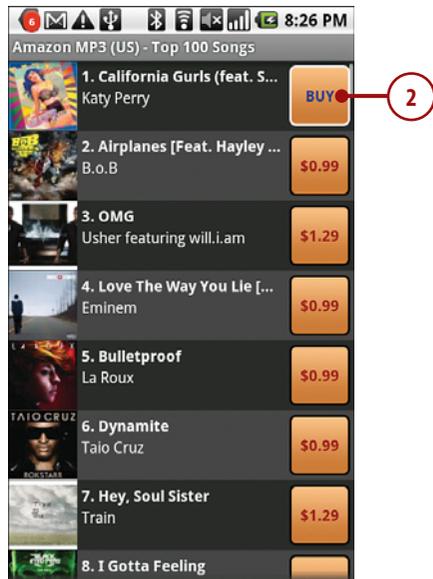
## Purchasing Music

After you find what you are looking for, you can preview the song and then purchase it.

1. Touch a song to listen to 30 seconds of it.



2. Touch the price to purchase the song. The price changes to the word BUY. Touch BUY to continue.
3. Enter your Amazon.com password. Your email address should already be there.
4. Touch OK. Your song or album is then downloaded.



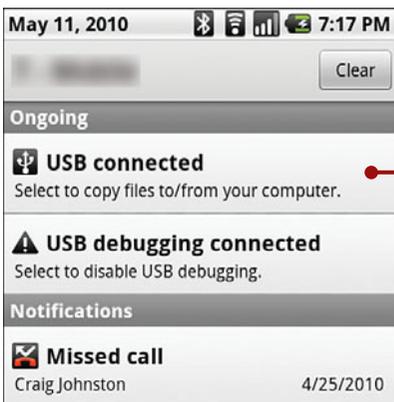
## Using doubleTwist to Synchronize Audio and Video

You might already have a large music collection on your computer and maybe some movies and videos you want to copy over to your Droid. You can use a free program called doubleTwist to do this. We went through the steps of installing and setting up this application in the Prologue. If you haven't installed it yet, skip back to the Prologue and follow the instructions.

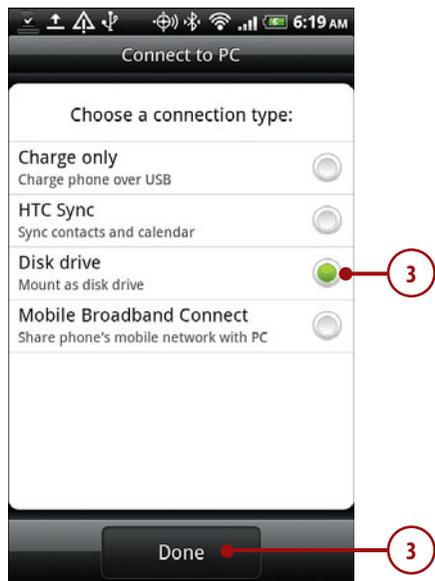
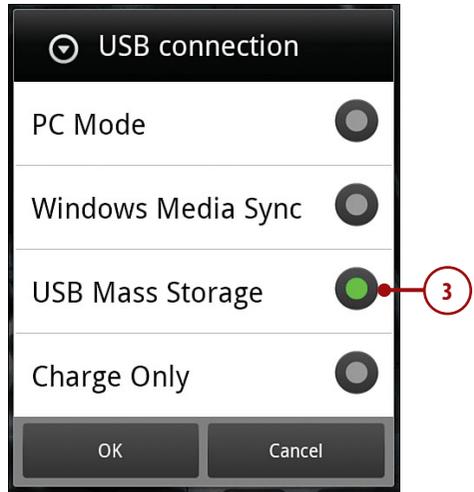
## Running doubleTwist and Mounting Your Droid

When you use doubleTwist, you need to connect your Droid to your computer using the supplied USB cable and mount it as a new drive. Get started by launching doubleTwist on your computer and connecting your Droid via the USB cable.

1. Pull down the notification bar and touch USB Connected.
2. Touch Turn on USB Storage.



- On the Droid X, touch USB Mass Storage and touch OK. On the HTC Incredible and Eris, touch Disk Drive and touch Done. Now your Droid displays under DEVICES in doubleTwist.



## Synchronizing Music by Dragging It

After your Droid is visible in doubleTwist, you can drag music to it.

- Click Music in doubleTwist to see all the music on your computer.



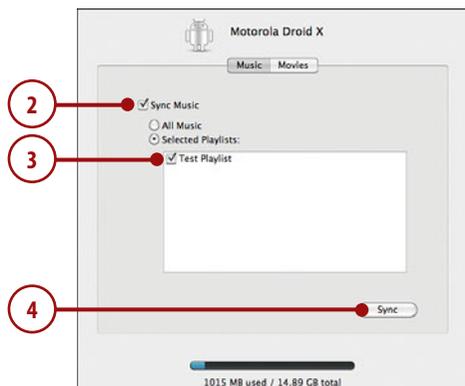
- Find the song you want to drag to your Droid.
- Click and drag it down to your Droid under DEVICES. You should see a green plus icon when your mouse is hovering over your Droid. When you drop the song on your Droid, doubleTwist copies it over.



## Synchronizing Existing Playlists

If you have iTunes installed, you might have already created playlists of music. You can use doubleTwist to synchronize those playlists.

- Click your Droid under DEVICES.
- On the right of the screen, you see any existing playlists. Put a check mark next to Sync Music.
- Put a check mark next to any playlists you want to synchronize to your Droid.
- Click Sync.



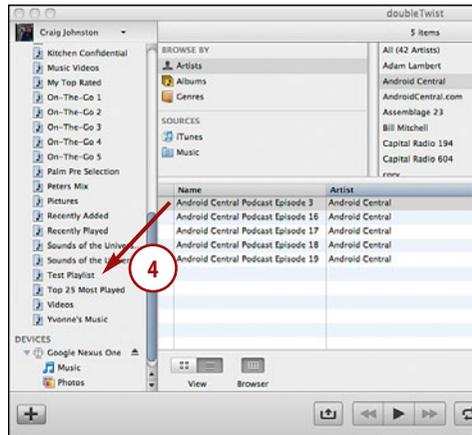
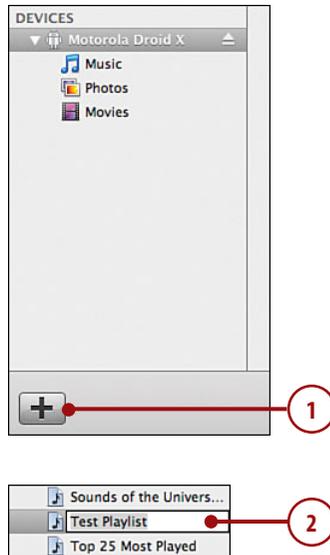
### Sync All Music

You can choose to synchronize all music, but if your music collection is large, it might not fit on your Droid. Remember that all music and video is copied to the Micro-SD card you insert under the battery cover, so the more music you want to synchronize, the larger that memory card needs to be.

## Creating Playlists

If you are using iTunes to synchronize playlists, then you can create new playlists in iTunes and use doubleTwist to synchronize the music. However if you don't use iTunes, or you want to create playlists outside of iTunes, you can create them in doubleTwist.

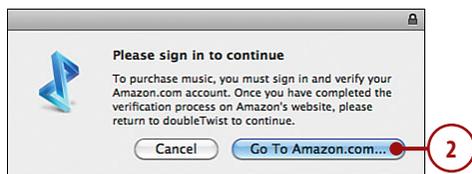
1. Click the new Playlist button in doubleTwist.
2. Type the name of your new playlist.
3. Find music on your computer in the Music section of doubleTwist.
4. Drag that music to your newly created playlist. When you've added songs to the playlist, repeat the steps in the "Synchronize Existing Playlists" section to move the playlist to your Droid.



## Using doubleTwist with the Amazon MP3 Music Store

You can use the Amazon MP3 Music store on your Droid to purchase music, but you can also access it in doubleTwist.

1. Click on Music Store under the DOUBLETWIST heading and then click Sign In.
2. The first time you try to use doubleTwist to purchase music from Amazon, you see a warning telling you to sign in to your Amazon account using a web browser. Click Go To Amazon.com to continue.
3. Complete the process online. When complete you see a confirmation message in doubleTwist. Click Continue to use the Music Store.

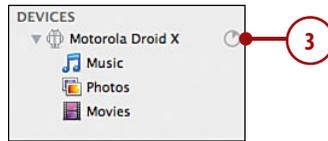
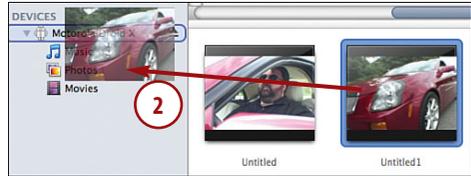


## Copying Video

Normally, you need to manually convert your video to work on mobile devices. This involves figuring out the screen size and CODECs to use. doubleTwist has a great feature that automatically converts the video for you as you drag it onto your Droid.

1. Click Movies under DOUBLETWIST. Find the video or movie you want to copy to your Droid.

2. Drag the video to your Droid. If the video is in your iTunes archive, even if it has no DRM, you won't be able to drag and drop it.
3. A pie chart indicator shows the progress of the video conversion. After the pie chart fills up, it disappears to indicate that the video has been successfully moved.



# Index

## Numbers

- 3G Mobile Hotspot, configuring
  - Droid Incredible, 176-177
  - Droid X, 177-178

## A

- A-GPS (Assisted GPS) chip, 288
- Access Point Name (APN), 170
- accessibility settings, 349
- account balance, checking (Google Voice), 107
- accounts. *See also* accounts.
  - adding, 46
    - doubleTwist, creating, 41-42
    - Facebook, adding, 47-48
    - Gmail, adding, 182-184, 187
    - Google Checkout, configuring, 318
    - POP3/IMAP, adding
      - in Droid 1/2*, 197-200
      - in Droid Incredible/Eris*, 209-211
      - in Droid X*, 218-220
    - removing, 53
  - accounts (Microsoft Exchange)
    - adding, 49-53
      - in Droid 1/2*, 193-195
      - in Droid Incredible/Eris*, 204-206
      - in Droid X*, 216-218
    - customizing
      - in Droid 1/2*, 196-197
      - in Droid Incredible/Eris*, 206-207
    - out-of-office messages in Droid Incredible/Eris, 207-208
  - ActiveSync servers, names of, 50
  - adding
    - accounts, 46
    - contacts
      - from email messages*, 56
      - to Home screen*, 66-67
      - manually*, 57-58
    - Facebook accounts, 47-48
    - Gmail accounts, 182-184, 187
    - Microsoft Exchange accounts, 49-53
      - in Droid 1/2*, 193-195
      - in Droid Incredible/Eris*, 204-206
      - in Droid X*, 216-218
    - POP3/IMAP accounts
      - in Droid 1/2*, 197-200
      - in Droid Incredible/Eris*, 209-211
      - in Droid X*, 218-220
    - widgets to Home screen, 345-346
  - alarms, setting in Clock application
    - in Droid 1/2, 265-267
    - in Droid Incredible/Eris, 270-272
  - album menu in Gallery application, 297. *See also* photo albums.
    - cropping pictures, 300
    - editing pictures, 299
    - mapping pictures, 300

album menu in Gallery application (*continued*)  
 rotating pictures, 300  
 sharing pictures, 299  
 viewing pictures, 298

alerts, configuring in Phone application, 95-98

Amazon MP3 application  
 configuring, 148-149  
 finding songs, 150  
 purchasing songs, 150

Amazon MP3 Music Store, doubleTwist and, 156

Android. *See also* Droid.  
 applications. *See* applications.  
 Context menu, 39  
 explained, 23  
 Home screen, 24-25  
 keyboard usage, 28, 31, 34  
 navigation, 27-28  
 Options menus, 38  
 text editing, 34-36  
 touchscreen gestures, 26-27  
 Unlock screen, 23  
 updating, 354-355

Android 2.1, configuring  
 phone sounds and alerts, 97-98

Android 2.2, configuring  
 phone sounds and alerts, 95-97

Android Market  
 browsing by  
 category, 320  
 buying applications, 322-323  
 deleting applications, 324-325, 328  
 downloading free applications, 321  
 navigation in, 319  
 updating applications, 328-330

animation, live wallpaper, 336-337

APN (Access Point Name), 170

application icons (Home screen), 24

applications  
 Android Market  
*browsing by category, 320*  
*buying, 322-323*  
*deleting, 324-325, 328*  
*downloading for free, 321*  
*navigation in, 319*  
*updating, 328-330*  
 force quitting, 361-362  
 power usage indication, 359-361  
 starting, 37-38  
 switching between, 38

appointments (Calendar application)  
 creating, 275-277  
 editing/deleting, 278-279  
 invitations, responding to, 281-283  
 reminders, responding to, 279-280

Assisted GPS (A-GPS) chip, 288

attaching files to text messages, 254-256

attachments, viewing in Gmail, 189

audio. *See also* songs.  
 Music application  
*Droid 1/2/X, 112-122*  
*Droid Incredible/Eris, 122-129*  
 synchronizing with doubleTwist, 151, 154-157  
 transferring to Bluetooth, 94

audio alert mode, enabling, 23

auto location tagging, 295

auto-retrieval of text messages, 251-252

automatic call retry, enabling, 99

automatic roaming, 171

## B

Back button  
 Droid, 5  
 Droid 2, 9  
 Droid Eris, 21  
 Droid Incredible, 17  
 Droid X, 13

back cover  
 Droid, 6  
 Droid 2, 10  
 Droid Eris, 22  
 Droid Incredible, 18  
 Droid X, 14

battery, charging, 355-356

battery life  
 3G Mobile Hotspot and, 179  
 email frequency and, 52  
 extending, 356, 359-361  
 Wi-Fi connections and, 168

Bluetooth  
 audio transferred to, 94  
 connections, 160  
*changing options, 163*  
*disabled by 3G Mobile Hotspot, 178*  
*disconnecting, 164*  
*pairing with Bluetooth devices, 160-162*  
*profiles, 164*  
 sharing videos, 132, 135, 138  
 voice dialing, 88, 92

bookmarks  
 managing, 232-234  
 viewing, 230

- browsers
    - bookmarks
      - managing, 232-234*
      - viewing, 230*
    - files, downloading, 243-244
    - Flash support, 242
    - GPS locations, sharing, 234
    - History screen, 245
    - mobile versions of websites, 242
    - Most Viewed websites, 244
    - multiple windows, managing, 236
    - navigation with, 230-231, 235-236
    - page options, setting, 237
    - settings, customizing, 238-241
  - browsing applications by category, 320
  - buying, 150, 322-323
- C**
- Calendar application, 274
    - events/appointments
      - creating, 275-277*
      - editing/deleting, 278-279*
      - invitations, responding to, 281-283*
      - reminders, responding to, 279-280*
    - managing settings, 280-281
    - navigating, 274
    - synchronizing, 276
    - views in, 275
  - Call button, Droid Eris, 21
  - Call History, clearing, 84
  - Call Log, clearing, 82
  - calls. *See also* Google Voice; Phone application.
    - conference calls
      - on Droid 1/2/X, 89-90*
      - on Droid Incredible/Eris, 94*
    - forwarding, 106
    - pausing music during, 116, 125
    - placing
      - on Droid 1/2/X, 84-90*
      - on Droid Incredible/Eris, 91-95*
    - receiving
      - on Droid 1/2/X, 81-82*
      - on Droid Incredible/Eris, 83-84*
    - sending to voicemail, 72
  - camera. *See also* pictures.
    - Droid, 6, 286-288
    - Droid 2, 10
    - Droid Eris, 22, 289-291
    - Droid Incredible, 18, 289-291
    - Droid X, 14, 291-296
  - Camera application, recording videos
    - Droid, 140-141
    - Droid Incredible/Eris, 143-144
    - Droid X, 141-143
  - Camera button (Droid X), 15
  - camera modes (Droid X), 292-294
  - camera settings, changing, 290, 295-296
  - capturing text from keyboard, 341
  - CDMA cellular network connections, 171-172
  - cellular network connections
    - CDMA, 171-172
    - GSM, 169-170
  - changing
    - keyboard, 341-342
      - to Swype keyboard, 343-344*
    - language, 347-348
    - message limits, 250
    - ringtones, 72
    - scenes, 338
    - volume of SoundBack and TalkBack, 350
    - wallpaper, 334
      - with Gallery pictures, 335-336*
      - live wallpaper, 336-337*
  - charging battery, 355-356
  - cleaning Droid exterior, 364
  - clearing
    - Call History, 84
    - Call Log, 82
    - playlists in Droid 1/2/X, 119
  - Clock application
    - Droid 1/2, 263
      - alarms, setting, 265-267*
      - launching, 263*
      - navigating, 264*
      - weather and news, viewing, 267-268*
    - Droid Incredible/Eris, 268
      - alarms, setting, 270-272*
      - launching, 269*
      - navigating, 270*
      - weather, viewing, 273-274*
  - communicating with contacts, 71
  - composing
    - email messages
      - in Droid 1/2, 202-203*
      - in Droid Incredible/Eris, 213-214*
      - in Droid X, 224-226*
      - in Gmail, 187-188*
    - text messages, 252-253
  - conference calls
    - on Droid 1/2/X, 89-90*
    - on Droid Incredible/Eris, 94*

## configuring

- 3G Mobile Hotspot
  - for *Droid Incredible*, 176-177
  - for *Droid X*, 177-178
- Amazon MP3 application, 148-149
- doubleTwist photo options
  - on *Mac OSX*, 315
  - on *Windows*, 315
- Google Checkout accounts, 318
- Google Voice, 100, 104, 108
- Phone application, 95, 99-100
  - sounds and alerts, 95-98

## connections

- 3G Mobile Hotspot
  - configuring for *Droid Incredible*, 176-177
  - configuring for *Droid X*, 177-178
- Bluetooth, 160
  - changing options, 163
  - disconnecting, 164
  - pairing with Bluetooth devices, 160-162
  - profiles, 164
- cellular connections
  - CDMA, 171-172
  - GSM, 169-170
- VPNs (virtual private networks), 173-175
- Wi-Fi, 164-166
  - battery life and, 168
  - changing options, 166-168
  - troubleshooting, 166

- contacts, dialing from. *See also* Contacts application.
  - Droid 1/2/X*, 84-86
  - Droid Incredible/Eris*, 91

- Contacts application. *See also* vCards, 58, 74
  - accounts
    - adding, 46-53
    - removing, 53

- adding contacts
  - from email messages, 56
  - to Home screen, 66-67
  - manually, 57-58
- changing ringtones, 72
- communicating with contacts, 71
- dialing default phone number, 71
- display options
  - for *Droid 1/2*, 53
  - for *Droid Incredible/Eris*, 54
  - for *Droid X*, 54
- importing contacts
  - from Micro-SD card, 73-74
  - from SIM card, 72-73
- joining contacts
  - Droid 1/2*, 59-60
  - Droid Incredible/Eris*, 61
  - Droid X*, 60
- marking contacts as favorites
  - Droid 1/2/X*, 63
  - Droid Incredible/Eris*, 64
- opening, 46
- Quick Contact bar, 70
- sending phone calls to voicemail, 72
- separating contacts
  - Droid 1/2*, 62
  - Droid Incredible/Eris*, 63
  - Droid X*, 62
- sharing contacts
  - Droid 1/2/X*, 68
  - Droid Incredible/Eris*, 69

- Context menu, 39
- converting videos with doubleTwist, 156
- corporate address book, searching, 202, 213
- creating
  - doubleTwist account, 41-42
  - scenes, 339-340
- cropping pictures in albums, 300, 304

- currency exchange rates when buying applications, 322
- customization
  - accessibility settings, 349
  - keyboard, changing, 341-344
  - language, changing, 347-348
  - scenes
    - changing, 338
    - creating, 339-340
  - search settings, 350-351
  - wallpaper, changing, 334-337
  - widgets
    - adding, 345-346
    - moving, 346
    - removing, 347

## customizing

- browser settings, 238-241
- Gmail, 191-193
- Microsoft Exchange accounts
  - in *Droid 1/2*, 196-197
  - in *Droid Incredible/Eris*, 206-207
- Universal Inbox in *Droid X*, 223-224

## D

- date and time, setting, 262. *See also* Calendar application; Clock application.
- default phone number, dialing, 71
- deleting
  - accounts, 53
  - applications, 324-325, 328
  - events/appointments in Calendar application, 278-279
  - message threads, 257
  - playlists
    - in *Droid 1/2/X*, 120
    - in *Droid Incredible/Eris*, 129

- text messages, 257
- videos
  - in Droid 1*, 133
  - in Droid Incredible/Eris*, 136
  - in Droid X*, 138
- widgets from Home screen, 347
- delivery reports for text messages, 251
- desktop dock, 263, 269
- dialing
  - calls
    - on Droid 1/2/X*, 84-90
    - on Droid Incredible/Eris*, 91-95
  - default phone number, 71
- dictionary, saving words to, 31
- digital zooming, 288
- disabling
  - shutter animation, 296
  - synchronization, 358
- disconnecting Bluetooth connections, 164
- display options in Contacts application
  - for Droid 1/2, 53
  - for Droid Incredible/Eris, 54
  - for Droid X, 54
- DockService application, 264
- domain names, usernames and, 51
- dots on screen, 25
- double-tapping, 27
- doubleTwist
  - creating account, 41-42
  - installing, 40-41
  - synchronizing
    - audio and video*, 151, 154-157
    - pictures*, 314-315
- downloading
  - files, 243-244
  - free applications, 321
- dragging, 26
  - status bar (Home screen), 25
- Droid. *See also* Android; Droid 1.
  - camera, 286-288
    - explained, 3
    - external features, 4-7
  - Gallery application, 296-297
    - album menu*, 297-300
    - tilting view*, 297
  - silencing, 23
  - unlocking, 23
- Droid 1. *See also* Droid.
  - adding
    - Microsoft Exchange accounts*, 193-195
    - POP3/IMAP accounts*, 197-200
  - Clock application, 263
    - alarms, setting*, 265-267
    - launching*, 263
    - navigating*, 264
    - weather and news, viewing*, 267-268
  - composing email messages, 202-203
  - conference calls, 89-90
  - Contacts display options, 53
  - customizing Microsoft Exchange accounts, 196-197
  - deleting videos, 133
  - email application, combined or separate inboxes, 201-202
  - joining contacts, 59-60
  - marking contacts as favorites, 63
  - Music application, 112-116
    - adding songs to playlists*, 118
    - clearing playlists*, 119
    - creating playlists*, 116, 121-122
  - deleting and renaming playlists*, 120
  - rearranging songs in playlists*, 119
- Phone application, 78
- placing calls, 84-90
- playing videos, 129
- reading email messages, 203-204
- receiving calls, 81-82
- recording videos, 140-141
- separating contacts, 62
- sharing
  - contacts*, 68
  - videos*, 131-133
- Droid 2
  - adding
    - Microsoft Exchange accounts*, 193-195
    - POP3/IMAP accounts*, 197-200
  - Clock application, 263
    - alarms, setting*, 265-267
    - launching*, 263
    - navigating*, 264
    - weather and news, viewing*, 267-268
  - composing email messages, 202-203
  - conference calls, 89-90
  - Contacts display options, 53
  - customizing Microsoft Exchange accounts, 196-197
  - email application, combined or separate inboxes, 201-202
  - external features, 8-11
  - Gallery application, 296-297
    - album menu*, 297-300
    - tilting view*, 297
  - joining contacts, 59-60
  - marking contacts as favorites, 63
  - Music application, 112-116
    - adding songs to playlists*, 118

## Droid 2 (continued)

Music application  
(continued)

- clearing playlists, 119*
- creating playlists, 116, 121-122*
- deleting and renaming playlists, 120*
- rearranging songs in playlists, 119*

## Phone application, 78

- placing calls, 84-90
- reading email messages, 203-204
- receiving calls, 81-82
- separating contacts, 62
- sharing contacts, 68

## Droid Eris

## adding

- Microsoft Exchange accounts, 204-206*
- POP3/IMAP accounts, 209-211*

## camera, 289-291

## Clock application, 268

- alarms, setting, 270-272*
- launching, 269*
- navigating, 270*
- weather, viewing, 273-274*

## composing email

- messages, 213-214

## conference calls, 94

## Contacts display

- options, 54

## customizing Microsoft

- Exchange accounts, 206-207

## deleting videos, 136

## external features, 20-22

## Facebook

- synchronization, 48

## joining contacts, 61

- marking contacts as favorites, 64

## Music application, 122-125

- adding songs to playlists, 127*
- creating playlists, 125-127*

*deleting and renaming  
playlists, 129**rearranging songs in  
playlists, 128*navigating main email  
screen, 212out-of-office messages,  
207-208

## Phone application, 79-80

Photos application,  
301-304

## placing calls, 91-95

## playing videos, 134

reading email messages,  
215-216

## receiving calls, 83-84

## recording videos, 143-144

## separating contacts, 63

## sharing

- contacts, 69*

- videos, 135*

## Droid Incredible

## adding

- Microsoft Exchange accounts, 204-206*
- POP3/IMAP accounts, 209-211*

## camera, 289-291

## Clock application, 268

- alarms, setting, 270-272*

- launching, 269*

- navigating, 270*

- weather, viewing, 273-274*

## composing email

- messages, 213-214

## conference calls, 94

## configuring 3G Mobile

- Hotspot, 176-177

## Contacts display

- options, 54

## customizing Microsoft

- Exchange accounts, 206-207

## deleting videos, 136

## external features, 16-19

## Facebook

- synchronization, 48

## joining contacts, 61

- marking contacts as favorites, 64

Messaging application  
options, 249Music application,  
122-125*adding songs to  
playlists, 127**creating playlists,  
125-127**deleting and renaming  
playlists, 129**rearranging songs in  
playlists, 128*navigating main email  
screen, 212out-of-office messages,  
207-208

## Phone application, 79-80

Photos application,  
301-304

## placing calls, 91-95

## playing videos, 134

reading email messages,  
215-216

## receiving calls, 83-84

## recording videos, 143-144

## separating contacts, 63

## sharing

- contacts, 69*

- videos, 135*

## Droid X

## adding

- Microsoft Exchange accounts, 216-218*
- POP3/IMAP accounts, 218-220*

## camera, 291-296

## composing email

- messages, 224-226

## conference calls, 89-90

## configuring 3G Mobile

- Hotspot, 177-178

## Contacts display

- options, 54

## deleting videos, 138

## editing videos, 139

## Enhanced Stereo, 162

## external features, 12, 15

## Facebook

- synchronization, 48

Gallery application, 304-309  
*editing pictures, 307-308*  
*printing pictures, 308-309*  
*settings, 305*  
*sharing pictures, 306-307*  
*viewing pictures, 306*  
 joining contacts, 60  
 marking contacts as favorites, 63  
 Messaging application options, 248  
 Music application, 112-116  
*adding songs to playlists, 118*  
*clearing playlists, 119*  
*creating playlists, 116, 121-122*  
*deleting and renaming playlists, 120*  
*rearranging songs in playlists, 119*  
 navigating main email screen, 221  
 Phone application, 78  
 placing calls, 84-90  
 playing videos, 136-137  
 reading email messages, 226-227  
 receiving calls, 81-82  
 recording videos, 141-143  
 separating contacts, 62  
 sharing  
   *contacts, 68*  
   *videos, 137-138*  
 Swype keyboard, 343-344  
 Universal Inbox, 222  
   *customizing, 223-224*

## E

### editing

events/appointments in Calendar application, 278-279

pictures  
   *in albums, 299, 302-303*  
   *in Droid X Gallery application, 307-308*  
 text, 34-36  
   *on web pages, 237*  
 videos in Droid X, 139

effects, applying to pictures, 290

email  
   composing messages  
     *in Droid 1/2, 202-203*  
     *in Droid Incredible/Eris, 213-214*  
     *in Droid X, 224-226*  
   customizing Universal Inbox in Droid X, 223-224  
   in Droid 1/2, combined or separate inboxes, 201-202  
   Gmail  
     *adding accounts, 182-184, 187*  
     *composing messages, 187-188*  
     *customizing, 191-193*  
     *organizing messages, 190*  
     *reading messages, 189-191*  
   messages  
     *adding contacts from, 56*  
     *vCard attachments, 58*  
   Microsoft Exchange accounts  
     *adding in Droid 1/2, 193-195*  
     *adding in Droid Incredible/Eris, 204-206*  
     *adding in Droid X, 216-218*  
     *customizing in Droid 1/2, 196-197*  
     *customizing in Droid Incredible/Eris, 206-207*  
   *out-of-office messages in Droid Incredible/Eris, 207-208*  
   navigating main screen  
     *in Droid Incredible/Eris, 212*  
     *in Droid X, 221*  
   POP3/IMAP accounts, adding  
     *in Droid 1/2, 197-200*  
     *in Droid Incredible/Eris, 209-211*  
     *in Droid X, 218-220*  
   reading messages  
     *in Droid 1/2, 203-204*  
     *in Droid Incredible/Eris, 215-216*  
     *in Droid X, 226-227*  
   sharing video, 132  
   Universal Inbox in Droid X, 222

email frequency, battery life and, 52

embedding GPS location in pictures, 288

emoticons, 253

enabling  
   audio alert mode, 23  
   automatic call retry, 99  
   hearing aid support, 99  
   shutter animation, 296  
   silent mode, 23  
   speaker phone on Droid 1/2/X, 88, 93  
   TTY mode, 99

encryption of email messages, 199, 210, 220

End/power button (Droid Eris), 21

Enhanced Stereo, 162

events (Calendar application)  
   creating, 275-277  
   editing/deleting, 278-279  
   invitations, responding to, 281-283  
   reminders, responding to, 279-280

exchange rates when buying applications, 322

Exchange. *See* Microsoft Exchange.

exposure level of pictures, 290

extending battery life, 356, 359-361

exterior of Droid, cleaning, 364

external features

on Droid, 4-7

on Droid 2, 8-11

on Droid Eris, 20-22

on Droid Incredible, 16-19

on Droid X, 12, 15

## F

Facebook accounts, adding, 47-48

favorites, marking contacts as  
Droid 1/2/X, 63  
Droid Incredible/Eris, 64

files

attaching to text

messages, 254-256

downloading, 243-244

filtering videos in YouTube application, 146

finding songs in Amazon MP3 application, 150

flash settings, 287

Flash support, 242

focusing

pictures, 288-292

videos, 140-144

folder location for pictures, 311

force quitting applications, 361-362

forwarding calls, 106

free applications, downloading, 321

## G

Gallery application, 296-297.  
*See also* pictures.

album menu, 297

*cropping pictures, 300*

*editing pictures, 299*

*mapping pictures, 300*

*rotating pictures, 300*

*sharing pictures, 299*

*viewing pictures, 298*

Droid 1

*deleting videos, 133*

*playing videos, 129*

*sharing videos, 131-133*

Droid Incredible/Eris

*deleting videos, 136*

*playing videos, 134*

*sharing videos, 135*

Droid X, 304-309

*deleting videos, 138*

*editing pictures,*

*307-308*

*editing videos, 139*

*playing videos, 136-137*

*printing pictures,*

*308-309*

*settings, 305*

*sharing pictures,*

*306-307*

*sharing videos, 137-138*

*viewing pictures, 306*

pictures as wallpaper,

335-336

tilting view, 297

gestures, 26-27

Global Positioning System.

*See* GPS.

Gmail

adding accounts, 182-184,  
187

composing messages,  
187-188

customizing, 191-193

organizing messages, 190

reading messages,

189-191

Google Checkout accounts, configuring, 318

Google Goggles, 300

Google Voice

checking account

balance, 107

configuring, 100, 104, 108

sending text

messages, 107

upgrading, 104-106

voicemail management,  
106

GPS (Global Positioning

System) location

embedding in

pictures, 288

tagging, 295

sharing with

websites, 234

GSM cellular network connections, 169-170

## H

HDMI (High Definition Multimedia Interface) port, Droid X, 15

headphone jack

Droid, 7

Droid 2, 11

Droid X, 15

hearing aid support, enabling, 99

help resources, 364

History screen, 245

Home button

Droid, 5

Droid 2, 9

Droid Eris, 21

Droid Incredible, 17

Droid X, 13

Home screen, 24-25

adding contacts to, 66-67  
widgets

*adding, 345-346*

*moving, 346*

*removing, 347*

Hotspot. *See* 3G Mobile Hotspot, 176-178  
 HTC Droid Incredible. *See* Droid Incredible

## I

IM accounts, types of, 58  
 image properties of pictures, 290  
 IMAP, adding accounts.  
   in Droid 1/2, 197-200  
   in Droid Incredible/Eris, 209-211  
   in Droid X, 218-220  
 importing  
   contacts  
     *from Micro-SD card, 73-74*  
     *from SIM card, 72-73*  
   pictures  
     *in Mac OSX, 313*  
     *in Windows, 313*  
 inboxes  
   in Droid 1/2, 201-202  
   Universal Inbox in Droid X, 222-224  
 Infinity focus mode, 289  
 installing synchronization software, 40-41  
 international phone numbers, 79-81  
 international roaming, 173  
 invitations to events,  
   responding in Calendar, 281-283  
 IP addresses, 168

## J-K

joining contacts  
   Droid 1/2, 59-60  
   Droid Incredible/Eris, 61  
   Droid X, 60  
 joystick, 235-236

keyboard  
   changing, 341-342  
     *to Swype keyboard, 343-344*  
   Droid, 7  
   Droid 2, 11  
   usage, 28, 31, 34  
 KickBack, 349

## L

labels in Gmail, 190  
 landscape keyboard, switching to, 32  
 language, changing, 347-348  
 Launcher icon (Home screen), 24  
 launching Clock application  
   in Droid 1/2, 263  
   in Droid Incredible/Eris, 269  
 LED camera flash  
   Droid, 6  
   Droid 2, 10  
   Droid Incredible, 18  
   Droid X, 14  
 light sensors  
   Droid, 5  
   Droid 2, 9  
   Droid Incredible, 17  
   Droid X, 13  
 linkable content in text messages, 258-259  
 live wallpaper, 336-337  
 locating pictures, 311  
 location tagging, 295. *See also* GPS, 234, 288, 295

## M

MAC addresses, 168  
 Mac OS X  
   doubleTwist photo options, configuring, 315  
   importing pictures in, 313

  installing doubleTwist, 41  
   moving pictures in, 311  
 Macro focus mode, 288  
 main email screen,  
   navigating  
   in Droid Incredible/Eris, 212  
   in Droid X, 221  
 managing  
   bookmarks, 232-234  
   Messaging application settings, 250-251  
   multiple browser windows, 236  
 manually adding contacts, 57-58  
 manually synchronizing pictures, 310-313  
 mapping pictures in albums, 300  
 Market application, deleting applications, 326-328  
 memory, amount needed, 286  
 Menu button  
   Droid, 5  
   Droid 2, 9  
   Droid Eris, 21  
   Droid Incredible, 17  
   Droid X, 13  
 message limits,  
   changing, 250  
 messages (email)  
   composing  
     *in Droid 1/2, 202-203*  
     *in Droid Incredible/Eris, 213-214*  
     *in Droid X, 224-226*  
     *in Gmail, 187-188*  
   customizing Universal Inbox in Droid X, 223-224  
   encryption, 199, 210, 220  
   organizing in Gmail, 190  
   out-of-office messages in Droid Incredible/Eris, 207-208

messages (email) (*continued*)  
reading

- in Droid 1/2, 203-204*
- in Droid Incredible/Eris, 215-216*
- in Droid X, 226-227*
- in Gmail, 189-191*

Universal Inbox in  
Droid X, 222

Messaging application. *See also* text messages, 250-252

- attaching files, 254-256
- composing messages, 252-253
- deleting messages/  
message threads, 257
- managing settings, 250-251
- navigation in, 248-249
- receiving messages, 256-257
- sharing video with, 131
- useable content, 258-259

Micro-SD cards

- importing contacts from, 73-74
- size needed, 286

Micro-USB ports

- Droid Incredible, 19
- Droid X, 15

microphones

- Droid, 5
- Droid Incredible, 17
- Droid X, 13-15

Microsoft Exchange

- adding accounts, 49-53
  - in Droid 1/2, 193-195*
  - in Droid Incredible/Eris, 204-206*
  - in Droid X, 216-218*
- customizing accounts
  - in Droid 1/2, 196-197*
  - in Droid Incredible/Eris, 206-207*

out-of-office messages in  
Droid Incredible/Eris,  
207-208

MMS (Multimedia Message Service). *See* Messaging application.

mobile versions of  
websites, 242

Most Viewed websites, 244

Motorola Droid. *See* Droid.

Motorola Milestone. *See* Droid.

moving

- pictures
  - in Mac OSX, 311*
  - in Windows, 311-312*
- widgets on Home  
screen, 346

Multi-shot camera mode, 294

Multimedia Message Service (MMS). *See* Messaging application.

multiple browser windows,  
managing, 236

multiple Gmail accounts, 187

Music application

- Droid 1/2/X, 112-116
  - adding songs to  
playlists, 118*
  - clearing playlists, 119*
  - creating playlists, 116,  
121-122*
  - deleting and renaming  
playlists, 120*
  - rearranging songs in  
playlists, 119*

Droid Incredible/Eris,  
122-125

- adding songs to  
playlists, 127*
- creating playlists,  
125-127*

- deleting and renaming  
playlists, 129*
- rearranging songs in  
playlists, 128*

muting calls on Droid 1/2/X,  
88, 93

## N

names

- of ActiveSync servers, 50
- for USB drive, 310

navigating

- in Android Market, 319
- with browser, 230-231,  
235-236
- Calendar application, 274
- Clock application
  - in Droid 1/2, 264*
  - in Droid Incredible/  
Eris, 270*
- main email screen
  - in Droid Incredible/  
Eris, 212*
  - in Droid X, 221*
- Messaging application,  
248-249
- secondary methods,  
27-28
- with touchscreen, 26-27

Navigation buttons  
(Droid 2), 11

navigation pad, 235-236  
Droid, 7

news, viewing in Clock  
application (Droid 1/2),  
267-268

noise cancellation  
microphone (Droid X), 15

notification LED  
Droid Eris, 21  
Droid Incredible, 17

## O

on-screen dots, 25

opening Contact  
application, 46

optical joystick, 235-236  
Droid Incredible, 17

Options menus, 38

organizing email messages in  
Gmail, 190

out-of-office messages in  
Droid Incredible/Eris,  
207-208

## P

page options in browser,  
setting, 237

pairing with Bluetooth  
devices, 160-162

Panorama Assist camera  
mode, 293

Party Shuffle, 115

passkeys for Bluetooth  
devices, 162

pauses in phone numbers,  
79-81

pausing

calls on Droid 1/2/X,  
88, 94

music during calls,  
116, 125

Phone application

configuring, 95, 99-100  
*sounds and alerts,*  
95-98

Droid 1/2/X, 78

Droid Incredible/Eris,  
79-80

phone calls. *See also* Google  
Voice; Phone application.  
conference calls

*on Droid 1/2/X, 89-90*

*on Droid Incredible/  
Eris, 94*

forwarding, 106

pausing music during,  
116, 125

placing

*on Droid 1/2/X, 84-90*

*on Droid Incredible/Eris,  
91-95*

receiving

*on Droid 1/2/X, 81-82*

*on Droid Incredible/Eris,  
83-84*

sending to voicemail, 72

phone numbers

dialing default, 71  
international phone  
numbers, 79-81

pauses and waits in,  
79-81

photo albums

creating, 301, 312

cropping pictures in,  
300, 304

editing pictures, 299,  
302-303

*in Droid X Gallery  
application, 307-308*

mapping pictures in, 300

printing pictures in

Droid X Gallery

application, 308-309

rotating pictures in, 300

sharing, 298

sharing pictures, 299, 303  
*in Droid X Gallery  
application, 306-307*

viewing pictures, 298,  
302-303

*in Droid X Gallery  
application, 306*

Photos application, 301-304.

*See also* pictures.

cropping pictures in, 304

editing pictures in,  
302-303

sharing pictures in, 303

viewing pictures in,  
302-303

photos. *See* pictures.

physical layer, 168

picture review time,  
changing, 295

pictures. *See also* Gallery  
application.

camera settings, 295-296  
*changing, 290*

creating photo

albums, 312

cropping in albums,  
300, 304

editing

*in albums, 299, 302-303*

*in Droid X Gallery*

*application, 307-308*

embedding GPS location  
in, 288

exposure level, 290

flash settings, 287

focusing, 288-292

folder location for, 311

Gallery pictures as  
wallpaper, 335-336

image properties, 290

importing

*in Mac OSX, 313*

*in Windows, 313*

mapping in albums, 300

moving

*in Mac OSX, 311*

*in Windows, 311-312*

previewing, 287

printing in Droid X Gallery

application, 308-309

resolution, changing, 295

rotating in albums, 300

scenes, 292

sharing

*in albums, 299, 303*

*in Droid X Gallery*

*application, 306-307*

storage space needed  
for, 286

synchronizing

*with doubleTwist,*

*314-315*

*manually, 310-313*

tagging, 294-295

taking, 287

with vCards, 74

viewing

*in albums, 298, 302-303*

*in Droid X Gallery*

*application, 306*

white balance

settings, 288

zooming, 288

pinching, 27

- placing calls
  - on Droid 1/2/X, 84-90
  - on Droid Incredible/Eris, 91-95
- playback in Music application, 114
- playing videos
  - in Droid 1, 129
  - in Droid Incredible/Eris, 134
  - in Droid X, 136-137
  - in YouTube application, 146
- playlists
  - adding songs to
    - in Droid 1/2/X, 118*
    - in Droid Incredible/Eris, 127*
  - clearing in Droid 1/2/X, 119
  - creating
    - in doubleTwist, 155*
    - in Droid 1/2/X, 116, 121-122*
    - in Droid Incredible/Eris, 125-127*
  - deleting and renaming
    - in Droid 1/2/X, 120*
    - in Droid Incredible/Eris, 129*
  - Party Shuffle, 115
  - rearranging songs
    - in Droid 1/2/X, 119*
    - in Droid Incredible/Eris, 128*
  - synchronizing, 154
- POP3, adding accounts
  - in Droid 1/2, 197-200
  - in Droid Incredible/Eris, 209-211
  - in Droid X, 218-220
- Power button
  - Droid, 7
  - Droid 2, 11
  - Droid Eris, 21
  - Droid Incredible, 17
  - Droid X, 15

- power usage indication, 359-361
- previewing pictures, 287
- printing pictures in Droid X Gallery application, 308-309
- profiles, Bluetooth, 164
- proximity sensors
  - Droid, 5
  - Droid 2, 9
  - Droid Eris, 21
  - Droid Incredible, 17
  - Droid X, 13
- purchasing
  - applications, 322-323
  - songs in Amazon MP3 application, 150

## Q

---

- Quick Contact bar, 70
- Quick Contact feature, dialing from, 86

## R

---

- reading email messages
  - in Droid 1/2, 203-204
  - in Droid Incredible/Eris, 215-216
  - in Droid X, 226-227
  - in Gmail, 189-191
- receiving calls
  - on Droid 1/2/X, 81-82*
  - on Droid Incredible/Eris, 83-84*
  - text messages, 256-257
- recharging battery, 355-356
- recording videos
  - in Droid 1, 140-141
  - in Droid Incredible/Eris, 143-144
  - in Droid X, 141-143
- recovering deleted applications, 327

- recurring events, creating, 278
- reminders, responding in Calendar application, 279-280
- removing. *See deleting.*
- renaming playlists
  - in Droid 1/2/X, 120
  - in Droid Incredible/Eris, 129
- resolution of pictures, changing, 295
- ringtones, changing, 72
- roaming
  - auto-retrieval of text messages during, 252
  - automatically, 171
  - internationally, 173
- rotating
  - pictures in albums, 300
  - the screen, 27

## S

---

- saving words to dictionary, 31
- scenes
  - changing, 338
  - creating, 339-340
  - for pictures, 292
- screen, cleaning, 364
- scrolling in Music application, 113
- Search button
  - Droid, 5
  - Droid 2, 9
  - Droid Eris, 21
  - Droid Incredible, 17
  - Droid X, 13
  - in Music application, 112
- search settings, customization, 350-351
- searching corporate address book, 202, 213
- secondary navigation methods, 27-28

- selecting text on web pages, 237
  - Self Portrait camera mode, 294
  - sending
    - phone calls to voicemail, 72
    - text messages (Google Voice), 107
  - Sense UI, 25
  - separating contacts
    - Droid 1/2, 62
    - Droid Incredible/Eris, 63
    - Droid X, 62
  - servers, names of ActiveSync servers, 50
  - Settings menu, deleting applications, 324-325
  - sharing
    - contacts
      - Droid 1/2/X, 68
      - Droid Incredible/Eris, 69
    - GPS locations with websites, 234
    - photo albums, 298
    - pictures
      - in albums, 299, 303
      - in Droid X Gallery application, 306-307
    - videos
      - in Droid 1, 131-133
      - in Droid Incredible/Eris, 135
      - in Droid X, 137-138
  - Short Message Service (SMS). *See* Messaging application; text messages.
  - shutter animation, enabling/disabling, 296
  - signatures for email messages in Gmail, 192
  - silent mode, enabling, 23
  - SIM card, importing contacts from, 72-73
  - slideshow settings, Droid X Gallery application, 305
  - sliding, 27
  - smiley icons, 253
  - SMS (Short Message Service). *See* Messaging application; text messages.
  - songs. *See also* Music application.
    - adding to playlists
      - in Droid 1/2/X, 118
      - in Droid Incredible/Eris, 127
    - finding in Amazon MP3 application, 150
    - purchasing in Amazon MP3 application, 150
    - rearranging in playlists
      - in Droid 1/2/X, 119
      - in Droid Incredible/Eris, 128
  - sound profiles, 96-98
  - SoundBack, volume of, 350
  - sounds, configuring in Phone application, 95-98
  - spam email in Gmail, 191
  - speaker phone, enabling on Droid 1/2/X, 88, 93
  - speakers
    - Droid, 6
    - Droid 2, 10
    - Droid Eris, 22
    - Droid Incredible, 18
    - Droid X, 14
  - speech recognition, 32-34
  - stars in Gmail, 190
  - starting applications, 37-38
  - static IP/MAC addresses, 168
  - status bar (Home screen), 25
  - storage space, amount needed, 286
  - swiping, 27
  - switching between applications, 38
  - Swype keyboard, changing to, 343-344
  - symbols, typing, 31
  - synchronization software, installing, 40-41
  - synchronizing
    - audio and video with doubleTwist, 151, 154-157
    - Calendar application, 276
    - contacts, 72
      - with Facebook, 47-48
      - with Microsoft Exchange, 49-53
    - disabling synchronization, 358
    - pictures
      - with doubleTwist, 314-315
      - manually, 310-313
- 
- T
- tagging pictures, 294-295
  - TalkBack, volume of, 350
  - task-killer applications, 357
  - text
    - capturing from keyboard, 341
    - editing, 34-36
    - on web pages, selecting and editing, 237
  - text messages. *See also* Messaging application, 131, 248-249
    - attaching files, 254-256
    - auto-retrieval, 251-252
    - changing message limits, 250
    - composing, 252-253
    - deleting, 257
    - receiving, 256-257
    - sending (Google Voice), 107
    - useable content in, 258-259
  - threads (message), deleting, 257
  - 3G Mobile Hotspot, configuring
    - Droid Incredible, 176-177
    - Droid X, 177-178

tilting Gallery application view, 297

time and date, setting, 262.  
*See also* Calendar application; Clock application.

touching, 26

touching and holding, 26

touchscreen  
Droid, 5  
Droid 2, 9  
Droid Eris, 21  
Droid Incredible, 17  
Droid X, 13  
gestures, 26-27

trackball, 235-236  
Droid Eris, 21

troubleshooting  
resources for, 364  
Wi-Fi connections, 166

TTY mode, enabling, 99

typing symbols, 31

## U

uninstalling. *See* deleting.

Universal Inbox in  
Droid X, 222  
customizing, 223-224

Unlock screen, 23

updating  
Android, 354-355  
applications, 328-330

upgrading Google Voice,  
104-106

USB drive, names for, 310

useable content in text messages, 258-259

usernames, domain names and, 51

## V

vCards. *See also* Contacts application.  
attachments, 58  
contact pictures with, 74  
dragging from Mac, 74

video recording microphone (Droid X), 15

videos  
converting with  
doubleTwist, 156  
deleting  
*in Droid 1*, 133  
*in Droid Incredible/Eris*, 136  
*in Droid X*, 138  
editing in Droid X, 139  
filtering in YouTube application, 146  
focusing, 140-144  
playing  
*in Droid 1*, 129  
*in Droid Incredible/Eris*, 134  
*in Droid X*, 136-137  
*in YouTube application*, 146  
recording  
*in Droid 1*, 140-141  
*in Droid Incredible/Eris*, 143-144  
*in Droid X*, 141-143  
sharing  
*in Droid 1*, 131-133  
*in Droid Incredible/Eris*, 135  
*in Droid X*, 137-138  
synchronizing with  
doubleTwist, 151,  
154-157

viewing  
attachments in Gmail, 189  
bookmarks, 230  
pictures  
*in albums*, 298, 302-303  
*in Droid X Gallery application*, 306  
smiley icons, 253  
weather and news in  
Clock application  
*in Droid 1/2*, 267-268  
*in Droid Incredible/Eris*,  
273-274

views in Calendar application, 275

virtual keyboard, 28-30

virtual private networks (VPNs), 173-175

voice, dialing with  
Droid 1/2/X, 87  
Droid Incredible/Eris, 92

Voice. *See* Google Voice, 100-108

voicemail  
configuring, 99  
managing in Google Voice, 106  
sending phone calls to, 72

volume  
changing in SoundBack and TalkBack, 350  
Droid, 5  
Droid 2, 9  
Droid Incredible, 19  
Droid X, 13

VPNs (virtual private networks), 173-175

## W

waits in phone numbers, 79-81

wallpaper, changing, 334  
with Gallery pictures, 335-336  
live wallpaper, 336-337

weather, viewing in Clock application  
Droid 1/2, 267-268  
Droid Incredible/Eris,  
273-274

web browser. *See* browsers, 230-245

web pages, selecting and editing text, 237

websites

for help resources, 364

History screen, 245

mobile versions, 242

Most Viewed

websites, 244

sharing GPS locations

with, 234

white balance settings, 288

Wi-Fi connections, 164-166

battery life and, 168

changing options,

166-168

disabled by 3G Mobile

Hotspot, 178

troubleshooting, 166

widgets (Home screen), 24

adding, 345-346

moving, 346

removing, 347

Windows

doubleTwist photo

options, configuring,

315

importing pictures in, 313

installing doubleTwist, 40

moving pictures in,

311-312

windows, managing multiple

browser windows, 236

words, saving to

dictionary, 31

## X-Z

YouTube application, 145

changing settings, 148

filtering videos, 146

playing videos, 146

sharing videos, 133

zooming pictures, 288