

Taking Your iPhone to the Max



Erica Sadun

Taking Your iPhone to the Max

Copyright © 2008 by Erica Sadun

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage or retrieval system, without the prior written permission of the copyright owner and the publisher.

ISBN-13 (pbk): 978-1-59059-926-6

ISBN-10 (pbk): 1-59059-926-8

ISBN-13 (electronic): 978-1-4302-0516-6

ISBN-10 (electronic): 1-4302-0516-4

Printed and bound in the United States of America 9 8 7 6 5 4 3 2 1

Trademarked names may appear in this book. Rather than use a trademark symbol with every occurrence of a trademarked name, we use the names only in an editorial fashion and to the benefit of the trademark owner, with no intention of infringement of the trademark.

Lead Editor: Jeffrey Pepper

Technical Reviewer: Greg “Hap” Pearman

Editorial Board: Steve Anglin, Ewan Buckingham, Tony Campbell, Gary Cornell, Jonathan Gennick,

Jason Gilmore, Kevin Goff, Jonathan Hassell, Matthew Moodie, Joseph Ottinger, Jeffrey Pepper,

Ben Renow-Clarke, Dominic Shakeshaft, Matt Wade, Tom Welsh

Project Manager: Kylie Johnston

Copy Editors: Heather Lang, Marilyn Smith

Associate Production Director: Kari Brooks-Copony

Production Editor: Laura Esterman

Compositor: Gina Rexrode

Proofreader: Gregory Teague

Indexer: Julie Grady

Artist: April Milne

Cover Designer: Kurt Krames

Manufacturing Director: Tom Debolski

Distributed to the book trade worldwide by Springer-Verlag New York, Inc., 233 Spring Street, 6th Floor, New York, NY 10013. Phone 1-800-SPRINGER, fax 201-348-4505, e-mail orders-ny@springer-sbm.com, or visit <http://www.springeronline.com>.

For information on translations, please contact Apress directly at 2855 Telegraph Avenue, Suite 600, Berkeley, CA 94705. Phone 510-549-5930, fax 510-549-5939, e-mail info@apress.com, or visit <http://www.apress.com>.

The information in this book is distributed on an “as is” basis, without warranty. Although every precaution has been taken in the preparation of this work, neither the author(s) nor Apress shall have any liability to any person or entity with respect to any loss or damage caused or alleged to be caused directly or indirectly by the information contained in this work.

This book is dedicated to my husband and children, with love.

Here's to the crazy ones, the misfits, the rebels, the troublemakers, the round pegs in the square holes . . . the ones who see things differently—they're not fond of rules . . . You can quote them, disagree with them, glorify or vilify them, but the only thing you can't do is ignore them because they change things . . . they push the human race forward, and while some may see them as the crazy ones, we see genius, because the ones who are crazy enough to think that they can change the world are the ones who do.

Apple's "Think Different" advertisement

Contents at a Glance

About the Author	xiii
About the Technical Reviewer.....	xv
Acknowledgments	xvii
Introduction.....	xix
■ CHAPTER 1 Selecting, Buying, and Activating Your iPhone.....	1
■ CHAPTER 2 Interacting with Your New iPhone	21
■ CHAPTER 3 Placing Calls with iPhone	39
■ CHAPTER 4 iPhone Messaging	53
■ CHAPTER 5 iPhone E-mail	71
■ CHAPTER 6 Browsing with Safari	91
■ CHAPTER 7 Preparing Your Media in iTunes	107
■ CHAPTER 8 It's Also an iPod	119
■ CHAPTER 9 iPhone Photos	139
■ CHAPTER 10 Google Maps and Other Apps.....	153
■ APPENDIX Hacking the iPhone	171
■ INDEX	175

Contents

About the Author	xiii
About the Technical Reviewer.....	xv
Acknowledgments	xvii
Introduction.....	xix
CHAPTER 1 Selecting, Buying, and Activating Your iPhone.....	1
Picking Your Phone	1
Considering System Requirements	2
Buying Your iPhone	2
Returns and Exchange Policies	4
Bringing Your iPhone Home	4
iPhone Feature Overview	5
Preparing for Activation	6
Connecting Your iPhone to the Computer	8
Activating Your iPhone	9
Selecting a Plan	10
The Activation Process	12
Understanding the Downside of Prepaid Service	15
Syncing Your New iPhone.....	15
The Hacks.....	17
The No-Contract, No-Service, Sixth Generation iPodPhone	18
Using the iPhone with a Non-iPhone AT&T SIM Card	18
Unlocking the iPhone	18
Insuring and Repairing Your iPhone	19
Accessorizing Your iPhone.....	19
Summary	20

CHAPTER 2	Interacting with Your New iPhone	21
	Interaction Basics	21
	The iPhone Language	21
	The iPhone Sensors	24
	iPhone Power Tricks	26
	Putting Your iPhone to Sleep	27
	Locking Your iPhone with a Passcode	27
	Quitting Applications	29
	Powering Your iPhone Off and On	30
	Rebooting Your iPhone	30
	Placing Your iPhone into Recovery Mode	31
	Using the iPhone Keyboard	31
	Getting Started	33
	iPhone Typing Tricks	34
	iPhone Typing Test	36
	Using the iPhone Stereo Headset	36
	Summary	36
 CHAPTER 3	 Placing Calls with iPhone	 39
	Checking the Cell Network Indicator	39
	iPhone Basics	40
	Launching the Phone Application	40
	Placing Calls	40
	Answering Calls	42
	Managing Calls	44
	Managing Favorites	46
	Using Voicemail	47
	Setting Up Your Voicemail Passcode	47
	Choosing Your Greeting	48
	Managing Voicemail Messages	48
	Accessing Voicemail Files	49
	Sending Voicemail Indirectly	49
	Managing Ringtones and Other iPhone Alerts	49
	Adding Custom Ringtones	50
	Advanced Phone Preferences	50
	iPhone Codes	51
	Basic iPhone Information	51
	Service Shortcuts	51
	iPhone Call Settings	51
	Summary	52

CHAPTER 4	iPhone Messaging	53
	Kinds of Chats	53
	SMS Costs	54
	Checking Your Reception	55
	Getting Started with the Text SMS Application	55
	Creating a New Message	56
	Conversations	58
	Managing a Conversation	58
	Adding a Contact	59
	Using the Text Messages Screen	60
	Enabling and Disabling SMS Alerts	60
	Three Ways iPhone SMS Is Better Than Any Other SMS	61
	Basic Workarounds	61
	Sending Messages by E-mail	62
	Carrier SMS Gateway Addresses	62
	Sending Text Messages To and From a PC-Based Chat	63
	Sending a Message from the iPhone to AIM	64
	Subscribing to RSS Feeds	65
	Google SMS Requests	65
	Instant Messaging the Easy Way	67
	Real iPhone Instant Messaging	67
	IRC on iPhone	68
	Summary	69
 CHAPTER 5	 iPhone E-mail	 71
	Compatibility	71
	POP	71
	SMTP	72
	IMAP	72
	Microsoft Exchange	73
	Adding Mail Accounts to iPhone	73
	Adding Accounts with iTunes	73
	Adding Accounts from Your Phone	74
	Preferred Provider Setup	75
	Other Providers	76
	Removing Accounts from iPhone	77
	E-mail Checks and Other Basic Settings	77
	Audible Mail Alerts	79

Getting Started with iPhone Mail	80
Mailboxes	80
Using Mailboxes.....	82
Viewing and Navigating Through Mail	83
Bottom Icons.....	83
Top Icons.....	84
Embedded Links	85
Viewing Attachments.....	85
Sending Mail.....	86
Addressing E-mail	87
Entering a Subject	88
Editing the Message	88
Saving a Draft.....	88
Sending E-mail.....	88
Summary	88

■ CHAPTER 6 **Browsing with Safari**

Getting Started with iPhone Safari	91
Safari's Browser Window	92
Navigation Basics	93
Page Management	98
Working with Bookmarks.....	99
Selecting Bookmarks	100
Editing Bookmarks.....	100
Saving Bookmarks.....	102
Using Bookmarklets	102
iPhone Settings	103
iPhone-Specific Web Sites.....	104
Summary	105

■ CHAPTER 7 **Preparing Your Media in iTunes**.....

Managing Your iPhone in iTunes.....	107
The Summary Tab	107
Synchronization Choices	110
The iPhone Capacity Meter	110
The Music Tab	111
The Podcasts Tab	112
The Video Tab	112
The Ringtones Tab	113

Manually Synchronizing Your iPhone	114
Creating Smart Playlists	114
Adding New Ringtones	115
Creating iPhone-Friendly Content	116
Ejecting Your iPhone	117
Summary	117
 CHAPTER 8 It's Also an iPod	119
iPod As Application	119
Browsing Media on the iPhone	120
Editing Your Browse Buttons	121
Navigating the Category Screens	122
Playing Audio	123
Album View	126
Cover Flow	128
On-The-Go Playlists	128
Playing Video	131
Video Playback Controls	131
Deleting Videos On the Go	132
Going Beyond the iPod App	132
Saving Energy	132
Adding a Sleep Timer	133
During Playback	134
Shopping at the Mobile iTunes Store	135
Adjusting iPod Settings	135
Summary	136
 CHAPTER 9 iPhone Photos	139
One App, Two Icons	139
Locating (and Removing) the Camera	139
Camera: Shooting Pictures	140
Getting Started	140
Picture-Taking Pointers	142
Photos: Viewing Pictures	142
Working with Photo Albums	143
Working with Slide Shows	144
Working with a Full-Screen Image	145
Using a Photo	146
Uploading Pictures by E-mail	147

Synchronizing Pictures from Your Computer	147
Your iPhone As a USB Camera	149
The iPhone and Windows	149
The Macintosh and Image Capture (and iPhoto)	150
A Dozen Oddball Uses for Your iPhone Camera	151
Summary	152
 ■ CHAPTER 10 Google Maps and Other Apps	153
Google Maps	153
Maps Screen	153
Maps Tips	155
Weather	155
Weather Screen	155
Weather Tips	156
Stocks	157
Stocks Screen	157
Stock Tips	158
Notes	158
Notes Screen	159
Notes Tips	160
Calculator	160
Clock	161
World Clock	161
Alarm	162
Timer	163
Stopwatch	164
YouTube	164
Finding YouTube Videos	164
Watching YouTube Videos	165
YouTube Tips	166
iTunes Music Store	166
Calendar	168
Adding and Removing Events	169
Summary	169
 ■ APPENDIX Hacking the iPhone	171
iPhone Unlock	171
File Access and Ringtones	173
Skinning	173
Third-Party Applications	174
 ■ INDEX	175