

Introduction

How do you make the point that the iPhone has changed the world? The easy answer is “use statistics”—2.5 billion sold, 2.2 million apps on the App Store, 200 billion downloads.... Trouble is, those statistics get stale almost before you’ve finished typing them.

Maybe it’s better to talk about the aftermath. How the invention of the iPhone changed society, business, and culture forever. With the iPhone (and Google’s imitator, Android), we became, for the first time, a society of people who are online continuously. Our communications blossomed from text messages to video calls, WhatsApp, FaceTime, and Skype. Billion-dollar businesses like Uber, Snapchat, and Instagram sprang into existence. Distracted driving, distracted walking, distracted eating, distracted dating, and even distracted sex all became “things.”

Apple introduces new iPhone models every fall. In September 2019, it introduced the 22nd, 23rd, and 24th models, the iPhone 11, 11 Pro, and 11 Pro Max.

There’s also a new, free version of the iPhone’s software, called iOS 13.

You can run iOS 13 on *older* iPhone models without having to buy a new phone. This book covers all the phones that can run iOS 13, from the iPhone SE through the iPhone 11 family.

About the iPhone

What is the iPhone? The better question is what *isn’t* the iPhone?

It’s a cellphone, obviously. But it’s also a full-blown multimedia player, complete with a dazzling screen for watching videos. And it’s a sensational pocket internet viewer. It shows fully formatted email (with attachments, thank you) and displays entire web pages with fonts and design intact. It’s tricked out with a tilt sensor, a proximity sensor, a light sensor, Wi-Fi, Bluetooth, GPS, a gyroscope, a barometer, and that amazing multitouch screen.

The iPhone is also the most used *camera* in the world. Furthermore, it's a calendar, address book, calculator, alarm clock, ebook reader, stopwatch, podcast player, stock tracker, video viewer, traffic reporter, and weather forecaster. It even stands in for a flashlight, a tape measure, and—with the screen off—a pocket mirror.

And don't forget the App Store. Thanks to the 2.2 million add-on programs that await there, the iPhone can also be...everything *else*. A medical reference, a musical keyboard, a time tracker, a remote control, a sleep monitor, a tip calculator. Plus, the App Store is a portal to thousands of games, with smooth 3D graphics and tilt control.

Calling this thing a phone is practically an insult. (Apple probably should have called it an “iPod,” but that name was taken.)

About This Book

You don't get a printed manual when you buy an iPhone. Online, you can find an electronic manual, but it's free of details, hacks, workarounds, tutorials, humor, and any acknowledgment of the iPhone's flaws. You can't easily mark your place, underline, or read it in the bathroom.

The purpose of this book, then, is to serve as the manual that should have accompanied the iPhone. (If you have an iPhone 5s or an earlier model, then you really need one of this book's previous editions. And if you do have an iPhone SE or later model, this book assumes that you've installed iOS 13.2 or later; see [Appendix A](#).)

Writing a book about the iPhone is a study in exasperation, because the darned thing is a moving target. Apple updates the iPhone's software fairly often, piping in new features, bug fixes, speed-ups, and so on.

About the Outline

iPhone: The Missing Manual is divided into five parts:

- [Part I](#), covers everything related to phone communications: dialing, answering, voice control, voicemail, conference calling, text messaging, iMessages, MMS, and the Contacts (address book)

program. It's also where you can read about FaceTime, the iPhone's video-calling feature; Siri, the voice-operated "virtual assistant"; and the surprisingly rich array of features for people with disabilities—some of which are also useful for people without them.

- Part II, is dedicated to the iPhone's built-in software, with a special emphasis on its multimedia abilities: playing music, podcasts, movies, and TV shows; taking and displaying photos; capturing photos and videos; using the Maps app; reading ebooks; and so on. These chapters also cover some of the standard techniques that most apps share: installing, organizing, and quitting them; switching among them; and sharing material from within them.
- Part III, is a detailed exploration of the iPhone's ability to get you onto the internet, either over a Wi-Fi hotspot connection or via the cellular network. It's all here: email, web browsing, and Personal Hotspot (letting your phone serve as a sort of internet antenna for your laptop).
- Part IV, describes the world beyond the iPhone itself—like using your Mac or PC to sync or back up the phone. These chapters also cover Apple's iCloud service, Continuity (the wireless integration of iPhones and Macs), and the Settings app.
- Part V, contains two reference chapters. Appendix A walks you through the setup process; Appendix B is a master compendium of troubleshooting, maintenance, and battery information.

About → These → Arrows

Throughout this book, you'll find sentences like this:

Tap **Settings** → **General** → **Keyboard**. That's shorthand for a much longer instruction that directs you to open three nested screens in sequence, like this: "Tap the **Settings** icon. On the next screen, tap **General**. On the screen after that, tap **Keyboard**." (In this book, tappable things on the screen are printed in **orange** to make them stand out.)

About MissingManuals.com

Missing Manuals are witty, well-written guides to computer products that don't come with printed manuals (which is just about all of them). Each book features a handcrafted index; handy cross-references to

specific page numbers; and an ironclad promise never to put an apostrophe in the possessive pronoun *its*.

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iPhone 11, 11 Pro: What's New

The three 2019 iPhones aren't radical upgrades from the previous year's models; most reviewers advised iPhone owners that this time, there was no pressing need to upgrade. Here's a rundown:

- **iPhone 11.** This model is last year's iPhone XR—same size, price (\$700 and up), and screen—with one juicy enhancement: a second lens.

Yet this isn't a 2x zoom like the one on last year's iPhone XS. It doesn't zoom in—it zooms *out*. It's an ultra-wide angle lens. And because there are two lenses now, this phone can take Portrait-mode photos of people, pets, and things ("Portrait Mode").

You can get the 11 in six colors: White, black, yellow, red, purple, and green. Apple says it's slightly more waterproof and slightly more shatterproof than before—and gets one more hour of battery life per charge.