

LEARNING MADE EASY



2023 Edition

iPhone®

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Discover the new
features of iOS 16

—
Make the most of your camera
with photos, videos, and FaceTime®

—
Customize your settings and
keep your phone secure

Edward C. Baig
Guy Hart-Davis



iPhone®

2023 Edition

by Edward C. Baig
Former *USA Today* Personal Tech columnist
and Guy Hart-Davis

for
dummies®
A Wiley Brand

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Introduction

Precious few products ever come close to generating the kind of buzz seen with the introduction of new iPhones. Their arrival receives front-page treatment in newspapers and top billing on network and cable TV shows year after year. Even now, people still line up days in advance just to ensure landing one of the first units (though they may have to follow social distancing and mask guidelines again this year).

But we trust you didn't pick up this book to read yet another account about how this year's iPhone launch was an epochal event. We trust you *did* buy the book to find out how to get the very most out of your remarkable device. Our goal is to deliver that information in an informed but light and breezy fashion. We expect you to have fun using your iPhone, and we hope you have fun spending time with us.

About This Book

Let's get one thing out of the way right from the get-go. We think you're pretty darn smart for buying a *For Dummies* book. That says to us that you have the confidence and intelligence to know what you don't know. The *For Dummies* franchise is built around the core notion that we feel insecure about certain topics when tackling them for the first time, especially when those topics have to do with technology.

As with most Apple products, every iPhone to date is beautifully designed and intuitive to use. And though our editors may not want us to reveal this dirty little secret (especially on the first page), the truth is you'll get pretty

far just by exploring the iPhone on your own, without the help of this (or any other) book.

Okay, now that we spilled the beans, we'll tell you why you *shouldn't* run back to the bookstore and request a refund: This book is chock-full of useful tips, advice, and other nuggets that will make your iPhone experience all the more pleasurable. So keep this book nearby and consult it often.

But before you do that, let us tell you a bit about how we go about our business. *iPhone For Dummies* makes generous use of numbered steps, bullet lists, and pictures. Web addresses look like this: www.apple.com. For those reading the e-book version, links are live so you can click them.

We also include sidebars with information that is not required reading, but that we hope will provide a richer understanding of certain subjects. Overall, we aim to keep technical jargon to a minimum, under the guiding principle that with rare exceptions you need not know what any of it means.

Foolish Assumptions

Although we know what happens when you make assumptions, we've made a few anyway. First, we assume that you, gentle reader, know nothing about using an iPhone or iOS — beyond knowing what an iPhone is, that you want to use iOS, that you want to understand your iPhone and its operating system without digesting an incomprehensible technical manual, and that you made the right choice by selecting this particular book.

And so, we do our best to explain each new concept in full and loving detail. Perhaps that's foolish, but ... oh,

well.

One last thing: We also assume that you can read. If you can't, please ignore this paragraph.

Icons Used in This Book

Little round pictures (icons) appear in the left margin throughout this book. Consider these icons miniature road signs, telling you something extra about the topic at hand or hammering a point home.

Here's what the five icons used in this book look like and mean.



TIP

This text contains the juicy morsels, shortcuts, and recommendations that might make the task at hand faster or easier.



REMEMBER

This icon emphasizes the stuff we think you ought to retain. You may even jot down a note to yourself in the iPhone's Reminders app.



**TECHNICAL
STUFF**

Put on your propeller beanie hat and pocket protector; this text includes truly geeky stuff. You can safely ignore this material, but we wouldn't have bothered to write it if it weren't interesting or informative.



WARNING You wouldn't intentionally run a stop sign, would you? In the same fashion, ignoring warnings may be hazardous to your iPhone and (by extension) your wallet. There, you now know how these warning icons work, for you have just received your very first warning!



NEW Denotes a feature that's new in iOS 16 or the latest and greatest iPhones — the iPhone 14 family. What do we mean by *new*? Mostly that a particular feature wasn't available last year (and wasn't covered in previous editions of this book).

Beyond the Book

For details about significant updates or changes that occur between editions of this book, go to www.dummies.com, search for *iPhone For Dummies*, and open the Download tab on this book's dedicated page.

Also, the cheat sheet for this book has tips for mastering multitouch; a list of things you can do during a phone call; info on managing contacts; where to find additional help if your iPhone is acting contrary, and more. To get to the cheat sheet, go to www.dummies.com and type *iPhone For Dummies cheat sheet* in the Search box.

Where to Go from Here

Where to turn to next? Why straight to [Chapter 1](#), of course (without passing Go or collecting \$200).

In all seriousness, we wrote this book for you, so please let us know what you think. If we screwed up, confused you, left something out, or — heaven forbid — made you angry, drop us a note. And if we hit you with one pun too many, it helps to know that as well.

Because writers are people too (believe it or not), we also encourage positive feedback if you think it's warranted. So kindly send an email to Ed at baigdummies@gmail.com and Guy at guy_dummies@outlook.com. We'll do our best to respond to reasonably polite emails in a timely fashion.

Finally, we want to thank you for buying our book. We hope it delights you — if it doesn't, please let us know.

Part 1

Meet Your iPhone

IN THIS PART ...

Get a big-picture overview of the iPhone and a quick tour of its hardware and software.

Activate the iPhone, turn it on and off, unlock and lock it, and master its multitouch interface.

Synchronize (sync) your data — contacts, appointments, movies, songs, podcasts, and such — between your computer, your iPhone, iCloud+, and other iDevices.

Make and receive calls on the iPhone — even video calls — use visual voicemail, select a ringtone, and ignore, juggle, and merge calls.

Chapter 1

Unveiling the iPhone

IN THIS CHAPTER

- » Looking at the big picture
 - » Touring the outside of the iPhone
 - » Checking out the iPhone's apps
-

Congratulations. You've selected one of the most incredible handheld devices we've ever seen. Of course, the iPhone is one heck of a wireless telephone, but it's actually *four* handheld devices in one. At least it's four devices right out of the box. Add some iPhone apps, and your iPhone becomes a personal computer, an e-book reader, a handheld gaming device, a memory jogger, an exercise assistant, and ever so much more.

We discuss optional apps — how to obtain, install, and delete them — throughout the book and particularly in [Chapters 15](#), [17](#), and [18](#).

But first let's focus on the four awesome handheld devices your iPhone is the day you take it out of the box. In addition to being a decent cellular telephone, the iPhone is a gorgeous widescreen video player, a fantastic camera/camcorder system, as well as a tiny-yet-powerful internet communications device.

In this chapter, we offer a gentle introduction to all four devices that make up your iPhone, plus overviews of its revolutionary hardware and software features.



REMEMBER

WHAT'S IN THE BOX?

Somehow, we think you've already opened the elegant box that the iPhone came in. But if you didn't, here's what you can expect to find inside:

- **Lightning-to-USB cable:** Use this handy cable to sync or charge your iPhone. You can plug the USB connector into your PC or Macintosh to sync or into a USB power adapter to charge. The cable included with all iPhones these days is Lightning-to-USB-C, which gives zippier performance than the Lightning-to-USB-A cable that older iPhone models use. (If your computer doesn't have a USB-C port, inexpensive adapters are available from Apple and other vendors such as Amazon.com.)
- **Some Apple logo decals:** Of course.
- **A quick start guide or an iPhone info sheet or both:** Not much to it. You see the names of the buttons, how to turn on the phone, and where to learn more and get support. We saved you the time of looking; you can learn more at www.apple.com/iphone and get help at www.apple.com/support/iphone. You're welcome.
- **SIM eject tool:** Included with some (but not all) new iPhones. Didn't get one or lost yours? No problem. Use a straightened paper clip or safety pin to remove your SIM card. (See [Chapter 16](#) for more on the SIM card.)

iPhone 14 models sold in the US use e-SIMs (virtual SIMs) rather than physical SIM cards; iPhone 14 models sold in some other markets still use physical SIM cards. Older iPhone models — including the iPhone SE third-generation, iPhone 13, and iPhone 12 — all use physical SIM cards.

- **iPhone:** You were starting to worry. Yes, the iPhone itself is also in the box.

The Big Picture

The iPhone has many best-of-class features, but the big one is its super-high-resolution touchscreen that you

operate using a pointing device you can't lose: your finger.

And what a display it is. We venture that you've never seen a more beautiful screen on a handheld device in your life.

The iPhone's built-in sensors also still knock our socks off. An accelerometer detects when you rotate the device from portrait to landscape mode and adjusts what's on the display accordingly. A proximity sensor detects when the iPhone gets near your face, so it can turn off the display to save power and prevent accidental touches by your cheek. A light sensor adjusts the display's brightness in response to the current ambient lighting situation. The iPhone even has a gyroscope for advanced motion sensing and GPS sensors so your phone can determine where in the world you are. Our favorite example of motion sensing is that our iPhones automatically turn on driving focus within a few seconds of our cars' wheels hitting the road. That's a smart smartphone — and a helpful one.

In this section, we take a brief look at some of the iPhone's features, broken down by product category.

The iPhone as a phone and a digital camera or camcorder

On the phone side, the iPhone synchronizes with the contacts and calendars on your Mac or PC, as well as contacts and events on iCloud, Google, Yahoo!, Outlook.com, and Microsoft Exchange. It includes a full-featured QWERTY virtual keyboard, whose uncannily accurate text predictions and automatic corrections make entering text faster and easier than ever before. Granted, the virtual keyboard takes a bit of time to get used to. But we think that many of you eventually will be

whizzing along at a much faster pace than you thought possible on a mobile keyboard of this type.

The camera in your iPhone is paired with iOS 16's improved Camera and Photos apps, so taking and managing digital photos and videos on your iPhone is a pleasure rather than the nightmare it can be on other phones. Plus, you can automatically synchronize iPhone photos and videos with the digital photo library on your Mac or PC or with all your devices through your iCloud account.

The iPhone 14 Pro and Pro Max cameras are the best yet, with all the features of the preceding Pro generation cameras, including autofocus with focus pixels to help prevent out-of-focus pictures. And all models available today have the best executions yet of the greatest camera feature ever: optical image stabilization, which uses data from the processor, gyroscope, and motion coprocessor to determine camera motion when you're shooting, and then compensates for your shaky hands or low light. Bottom line: All iPhone 14 models shoot better low-light photos than previous iPhones, and iPhone 14 Pro models shoot the best low-light photos and videos yet.

Cinematic mode (all iPhone 14 models only) adds a beautiful depth effect with automatic focus that can be changed during *and* after capture. For what it's worth, these iPhones are the only devices that can edit depth-of-field effect in video after recording (at least for now).

Finally, don't miss the Live Photos feature (all current iPhone models), which captures a bit of video before and after the still image. This brings images to life when viewed, and it's as easy as ever to add effects — such as loop, bounce, and our favorite, long exposure — making Live Photos perhaps the coolest iPhone camera feature

since, well, whatever we called the coolest iPhone camera feature in a previous edition.

Another of our favorite phone accouterments is visual voicemail. (Try saying that three times fast.) This feature lets you see a list of voicemail messages and choose which ones to listen to or delete without being forced to deal with every message in your voice mailbox in sequential order. Now, *that's* handy!

Finally, all iPhone models include Siri, an intelligent voice-controlled assistant that understands what you tell it (most of the time). Siri just keeps getting better at figuring out what you mean and determining which (if any) iPhone app should be used to find the right answer. And, like a real personal assistant, Siri replies in a natural sounding human voice. Furthermore, it has become even smarter in recent years with *proactive assistance*, which provides the most relevant information and suggestions at a particular moment and place using *on-device learning*, which helps Siri deliver a more personalized experience based on your usage of Safari, News, Mail, Messages, and other apps.

One more thing: Siri can also take dictation!

If you've tried voice control before, forget everything you know and give Siri a try. We think you'll be as impressed as we are — at least, if you're in a relatively quiet environment or you're using a headset.

The iPhone as an iPod

Do you remember when iPods were all the rage? We agree with the late Steve Jobs on this one: The iPhone is a better iPod than any iPod Apple ever made. (Okay, we can quibble about the iPod touch — RIP, old friend — and the iPad, as well as wanting more storage, but you know what we mean.) You can enjoy all your existing media

content — music, audiobooks, audio and video podcasts, music videos, television shows, and movies — on the iPhone’s gorgeous high-resolution color display, which is bigger, brighter, and richer than any iPod display ever was.

Bottom line: If you can get the content — be it video, audio, or whatever — into the Music app or TV app (macOS Catalina or later) or into iTunes (PC or macOS Mojave or earlier), you can synchronize it and watch or listen to it on your iPhone.

The iPhone as an internet communications device

But wait — there’s more! Not only is the iPhone a great phone and a stellar media player, but it’s also a full-featured internet communications device with — we’re about to drop a bit of industry jargon on you — a rich HTML email client that’s compatible with most POP, IMAP, and web-based mail services, with support for Microsoft Exchange ActiveSync. (For more on this topic, see [Chapter 12](#).) Also on board is Safari, a world-class web browser that, unlike on most other phones, makes web surfing fun and easy.

Another cool internet feature is Maps. By using GPS, Maps can determine your location, let you view maps and satellite imagery, and obtain driving directions and traffic information for much of the United States and other major countries. You can also find businesses, such as gas stations, pizza joints, hospitals, and Apple Stores, with just a few taps. And Maps’ Guide feature makes it easier than ever to find nearby things to see, do, eat, and drink. Plus, you can get information on public transit for more cities than ever and indoor maps of some large spaces such as airports and convention facilities.