

Voice Memos

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At a glance

Voice Memos lets you use iPhone as a portable recording device using the built-in microphone, iPhone or Bluetooth headset mic, or supported external microphone.



Make a recording: Tap ● or press the center button on your headset. Tap || to pause or ■ to stop recording, or press the center button on your headset.

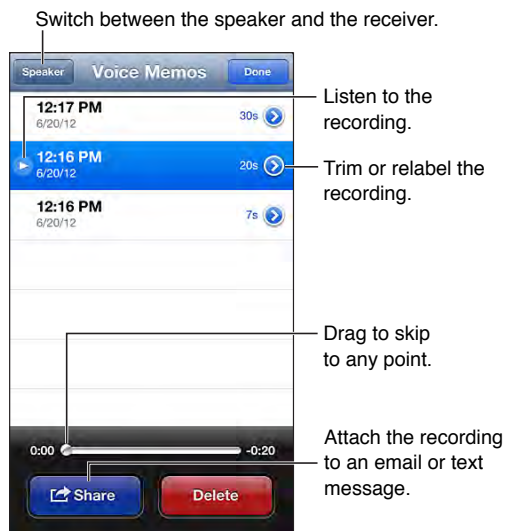
Recordings using the built-in microphone are mono, but you can record stereo using an external stereo microphone that works with the iPhone headset jack, or with the Lightning connector (iPhone 5) or 30-pin dock connector (earlier iPhone models). Look for accessories marked with the Apple “Made for iPhone” or “Works with iPhone” logo.



Adjust the recording level: Move the microphone closer to or further away from what you’re recording. For better recording quality, the loudest level on the level meter should be between -3 dB and 0 dB.

Play or mute the start/stop tone: Use the iPhone volume buttons to turn the volume all the way down.

Use another app while recording: Press the Home button □ and open an app. To return to Voice Memos, tap the red bar at the top of the screen.

Play a recording: Tap , tap a recording, then tap . Tap  to pause.



Trim a recording: Tap  next to the recording, then tap Trim Memo. Drag the edges of the audio region, then tap  to preview. Adjust if necessary, then tap Trim Voice Memo to save. The portions you trim can't be recovered.

Sharing voice memos with your computer

You can sync voice memos with the primary iTunes library on your computer, then listen to memos on your computer or sync them with another iPhone or iPod touch.

When you delete a synced memo from iTunes, it stays on the device where it was recorded, but is deleted from any other iPhone or iPod touch you synced. If you delete a synced memo on iPhone, it's copied back to iPhone the next time you sync with iTunes, but you can't sync that copy back to iTunes a second time.

Sync voice memos with iTunes: Connect iPhone to your computer, then in iTunes select iPhone. Select Music at the top of the screen (between Apps and Movies), select Sync Music, select "Include voice memos," and click Apply.

Voice memos synced from iPhone to your computer appear in the Music list and in the Voice Memos playlist in iTunes. Memos synced from your computer appear in the Voice Memos app on iPhone, but not in the Music app.

Nike + iPod

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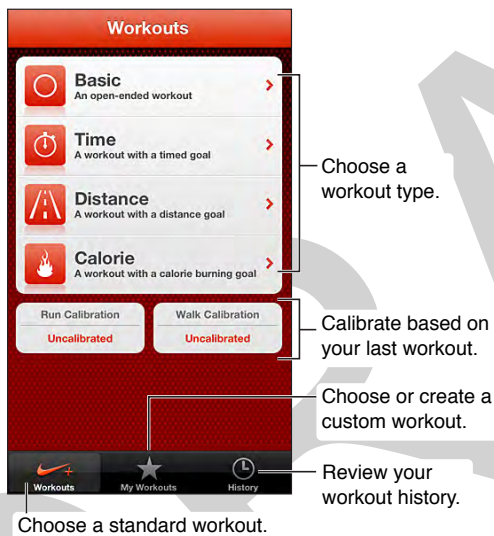


With a Nike + iPod Sensor (sold separately), the Nike + iPod app provides audible feedback on your speed, distance, time elapsed, and calories burned during a run or walk.

At a glance

The Nike + iPod app doesn't appear on the Home screen until you turn it on.

Turn on Nike + iPod: Go to Settings > Nike + iPod.



Link and calibrate your sensor



Nike + iPod collects workout data from a wireless sensor (sold separately) that you attach to your shoe. Before you use it the first time, you need to link your sensor to iPhone.

Link your sensor to iPhone: Attach the sensor to your shoe, then go to Settings > Nike + iPod > Sensor.

Calibrate Nike + iPod: Record a workout over a known distance of at least a quarter mile (400 meters). Then, after you tap End Workout, tap Calibrate on the workout summary screen and enter the actual distance you covered.

Reset to the default calibration: Go to Settings > Nike + iPod.

Work out



The Nike + iPod app doesn't appear on the Home screen until you turn it on.

Turn on Nike + iPod. Go to Settings > Nike + iPod.

Nike + iPod collects workout data from a wireless sensor (sold separately) that you attach to your shoe. Before you use it the first time, you need to link your sensor to iPhone.

Link your sensor to iPhone. Attach the sensor to your shoe, then go to Settings > Nike + iPod > Sensor.

Start a workout. Tap Workouts, and choose a workout.

Pause the workout. Wake iPhone and tap **||** on the lock screen. Tap **▶** when you're ready to continue.

End the workout. Wake iPhone, tap **||**, then tap End Workout.

Send workout data to nikeplus.com. With iPhone connected to the Internet, open Nike + iPod, tap History, then tap "Send to Nike+."

See your workouts on nikeplus.com. In Safari, go to nikeplus.com, log in to your account, and follow the onscreen instructions.

Settings

Go to Settings > Nike + iPod, where you can adjust settings such as:

- your power song
- the voice used for spoken feedback
- units of distance
- your weight

iBooks

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FPO

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Download previous purchases. You can download any book you've purchased (even if it was free) at any time, on your iPhone, iPod touch, iPad, and [redacted]. In Settings > iTunes & App Stores you can turn on automatic downloads to have purchases sent to all your devices.

Update a book. A badge notifies you if there's an update to a book you bought. To get it, tap Store, then tap Purchased, then Updates.

Read a book

FPO

Show the controls. Tap near the center of a page. Not all books have all controls, but some of the things you can do include searching, viewing the table of contents, and sharing what you're reading.

Remember the interesting parts. Add notes or highlights to your favorite passages. Double-tap a word, move the grab points to adjust the selection, then tap Note or Highlight in the menu that appears. In some books, you can quickly add a highlight by dragging over the text you want to mark.

Never mind. Remove a note or highlight by tapping it to display a menu, then tap TK ICON. See all of your notes by tapping ☰

You can't have too many bookmarks. You can add multiple bookmarks to a book—but you don't need one to get back to where you left off because iBooks remembers that for you.

Where was I? After you tap a link, you can quickly get back to where you were. Just tap the “Back to page x.” button at the bottom.

Change your view. Some books let you change the font and font size and the color of the page. The (icon) button gives you the power. You can also set if iBooks justifies or hyphenates text. Go to Settings > iBooks.

Organize books



The bookshelf is home base for your library. Tap Edit to move a book to a collection or delete it. When you delete, you can remove it from the device you're using, or all of your devices. Don't worry, if it's from the iBookstore, you can just download it again.

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- iBooks stores your purchases, collections, bookmarks, notes, and current page information in iCloud, so you can read books seamlessly across all your iOS devices. iBooks saves information about all of your books when you open or quit the app. Information about individual books is also saved when you open or close the book. These are controlled by “Sync Bookmarks” and “Sync Collections” in Settings > iBooks.
- If you’re left-handed, you can change the direction the page turns when you tap the left margin. Do this in Settings > iBooks > Both Margins Advance.

DRAFT

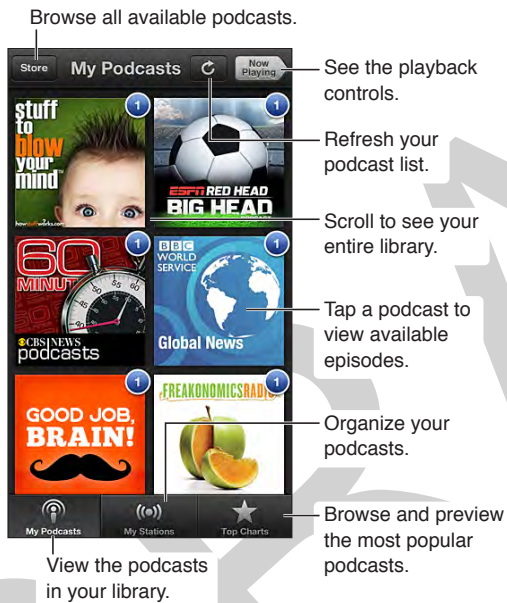
Podcasts

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At a glance

Download the free Podcasts app from the App Store, then browse, subscribe to, and play your favorite audio and video podcasts.



Add to your library

Browse the iTunes Store for an extensive selection of podcasts on a wide variety of topics.

Browse the full catalog. Tap Store, then tap any podcast that interests you.

Browse the most popular podcasts. Tap Top Charts (if you don't see it, tap Library first). Swipe left or right to change the category, or swipe up or down to browse the current category. Tap a podcast to preview the latest episode, or tap ⓘ to see a list of episodes.

Stream an episode. Tap any episode.

Download an episode so you can listen to it when you're not connected to Wi-Fi. Tap ⬇️ next to the episode.

Subscribe to a podcast to always get the latest episode. If you're browsing the catalog, tap a podcast to see the list of episodes, then tap **Subscribe**. If you've already downloaded an episode, tap the podcast in your library, then tap it again at the top of the list of episodes, and turn on **Subscription**.

Automatically get the latest episode of a subscribed podcast. Tap the podcast in your library, tap it again at the top of the episode list, then turn on **Auto-Download**.

Control playback



Control audio playback. To see all of the playback controls, swipe the artwork upward.

Control video playback. Tap the screen while you're watching a video podcast.

Accessibility

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Accessibility features

iPhone incorporates these accessibility features:

- VoiceOver
- Call audio routing
- Siri voice assistant
- Zoom magnification
- Large Text
- Invert Colors
- Speak Selection
- Speak Auto-text
- Mono Audio and balance
- Hearing aids and Hearing Aid Mode
- Assignable ringtones and vibrations
- LED Flash for Alerts
- Guided Access
- AssistiveTouch
- Support for braille displays
- Display and customization of video closed captions

To turn on accessibility features go to Settings > General > Accessibility on iPhone. You can also turn the features on using iTunes: connect iPhone to your computer, select it in iTunes, and click Configure Universal Access at the bottom of the Summary screen.

Use the Accessibility Shortcut to switch features on or off in an instant. Go to Settings > General > Accessibility > Accessibility Shortcut and choose the features use, then triple-press the Home button.

For more information about iPhone accessibility features, go to www.apple.com/accessibility.

VoiceOver

VoiceOver describes aloud what appears onscreen, so you can use iPhone without seeing it.

VoiceOver tells you about each item on the screen as you select it. When you select an item, the VoiceOver cursor (a black rectangle) encloses it and VoiceOver speaks the name or describes the item.

Touch the screen or drag your fingers to hear different items on the screen. When you select text, VoiceOver reads the text. If you turn on Speak Hints, VoiceOver may tell you the name of the item and provide instructions—for example, “double-tap to open.” To interact with items on the screen, such as buttons and links, use the gestures described in [Learning VoiceOver gestures](#) on page 120.

When you go to a new screen, VoiceOver plays a sound, then selects and speaks the first item on the screen (typically in the upper-left corner). VoiceOver also lets you know when the display changes to landscape or portrait orientation, and when the screen becomes locked or unlocked.

Note: VoiceOver speaks in the language specified in International settings, which may be influenced by the Region Format setting in Settings > General > International. VoiceOver is available in many languages, but not all.

VoiceOver basics


Important: VoiceOver changes the gestures you use to control iPhone. When VoiceOver is on, you must use VoiceOver gestures to operate iPhone—even to turn VoiceOver off again and resume standard operation.

Turn VoiceOver on or off: Go to Settings > General > Accessibility > VoiceOver. You can also set Triple-click Home to turn VoiceOver on or off. See [Take the shortcut](#) on page 126.

Explore the screen: Drag your finger over the screen. VoiceOver speaks each item you touch. Lift your finger to leave an item selected.

- *Select an item:* Tap it, or lift your finger while dragging over it.
- *Select the next or previous item:* Swipe right or left with one finger. Item order is left-to-right, top-to-bottom.
- *Select the item above or below:* Use the rotor to turn on Vertical Navigation, then swipe up or down with one finger.
- *Select the first or last item on the screen:* Swipe up or down with four fingers.
- *Select an item by name:* Triple-tap with two fingers anywhere on the screen to open the Item Chooser. Then type a name in the search field, or swipe right or left to move through the list alphabetically, or tap the table index to the right of the list and swipe up or down to move quickly through the list of items.
- *Change the name of the selected item so it's easier to find:* Tap and hold with two fingers anywhere on the screen.
- *Speak the text of the selected item:* Set the rotor control to characters or words, then swipe down or up with one finger.
- *Turn spoken hints on or off:* Go to Settings > General > Accessibility > VoiceOver.
- *Include phonetic spelling:* Go to Settings > General > Accessibility > VoiceOver > Use Phonetics.
- *Speak the entire screen from the top:* Swipe up with two fingers.
- *Speak from the current item to the bottom of the screen:* Swipe down with two fingers.
- *Stop speaking:* Tap once with two fingers. Tap again with two fingers to resume speaking. Speaking resumes when you select another item.
- *Mute VoiceOver:* Triple-tap with three fingers. Triple-tap again with three fingers to turn speaking back on. To turn off only VoiceOver sounds, set the Ring/Silent switch to Silent. If an external keyboard is connected, you can also press the Control key on the keyboard to mute or unmute VoiceOver.

Adjust the speaking voice: You can adjust the characteristics of the VoiceOver speaking voice to make it easier for you to understand:

- *Change the speaking volume:* Use the volume buttons on iPhone. You can also add volume to the rotor and swipe up and down to adjust; see [Using the VoiceOver rotor control](#) on page 121.
- *Change the speaking rate:* Go to Settings > General > Accessibility > VoiceOver and drag the Speaking Rate slider. You can also add Speech Rate to the rotor, then swipe up or down to adjust.
- *Use pitch change:* VoiceOver uses a higher pitch when speaking the first item of a group (such as a list or table) and a lower pitch when speaking the last item of a group. Go to Settings > General > Accessibility > VoiceOver > Use Pitch Change.
- *Change the language for iPhone:* Go to Settings > General > International > Language. VoiceOver pronunciation of some languages is affected by Settings > General > International > Region Format.
- *Change pronunciation:* Set the rotor to Language, then swipe up or down. Language is available in the rotor only if you select more than one pronunciation.
- *Select the pronunciations available in the language rotor:* Go to Settings > General > Accessibility > VoiceOver > Language Rotor. To change the position of a language in the list, drag  up or down.
- *Change the basic reading voice:* Go to Settings > General > Accessibility > VoiceOver > Use Compact Voice.
- *Silence sound effects:* Go to Settings > General > Accessibility > VoiceOver > Use Sound Effects.

Using iPhone with VoiceOver

Unlock iPhone: Select the Unlock slide, then double-tap the screen.


“Tap” to activate the selected item: Double-tap anywhere on the screen.


“Double-tap” the selected item: Triple-tap anywhere on the screen.

Adjust a slider: Select the slider, then swipe up or down with one finger.

Use a standard gesture when VoiceOver is turned on: Double-tap and hold your finger on the screen. A series of tones indicates that normal gestures are in force. They remain in effect until you lift your finger, when VoiceOver gestures resume.

Scroll a list or area of the screen: Swipe up or down with three fingers. When paging through a list, VoiceOver speaks the range of items displayed (for example, “showing rows 5 through 10”).

- *Scroll continuously through a list:* Double-tap and hold. When you hear a series of tones, move your finger up or down to scroll the list. Continuous scrolling stops when you lift your finger.
- *Use a list index:* Some lists have an alphabetical index along the right side. The index can’t be selected by swiping between items; you must touch the index directly to select it. With the index selected, swipe up or down to move along the index. You can also double-tap, then slide your finger up or down.
- *Reorder a list:* You can change the order of items in some lists, such as the Rotor and Language Rotor items in Accessibility settings. Select  on the right side of an item, double-tap and hold until you hear a sound, then drag up or down. VoiceOver speaks the item you’ve moved above or below, depending on the direction you’re dragging.

Rearrange your Home screen: On the Home screen, select the icon you want to move. Double-tap and hold the icon, then drag it. VoiceOver speaks the row and column position as you drag the icon. Release the icon when it's in the location you want. You can drag additional icons. Drag an item to the left or right edge of the screen to move it to a different page of the Home screen. When you finish, press the Home button .

Speak the iPhone status information: Tap the top of the screen to hear information about the time, battery life, Wi-Fi signal strength, and more.

Speak notifications: Go to Settings > General > Accessibility > VoiceOver and turn on Speak Notifications. Notifications, including the text of incoming text messages, are spoken as they occur, even if iPhone is locked. Unacknowledged notifications are repeated when you unlock iPhone.

Turn the screen curtain on or off: Tap four times with three fingers. When the screen curtain is on, the screen contents are active even though the display is turned off.

Learning VoiceOver gestures

When VoiceOver is turned on, the standard touchscreen gestures have different effects. These and some additional gestures let you move around the screen and control individual items when they're selected. VoiceOver gestures include two- and three-finger gestures to tap or swipe. For best results when using two- and three-finger gestures, relax and let your fingers touch the screen with some space between them.

You can use different techniques to enter VoiceOver gestures. For example, you can enter a two-finger tap using two fingers from one hand, or one finger from each hand. You can also use your thumbs. Many find the "split-tap" gesture especially effective: instead of selecting an item and double-tapping, you can touch and hold an item with one finger, then tap the screen with another finger. Try different techniques to discover which works best for you.

If your gestures don't work, try quicker movements, especially for double-tapping and swiping gestures. To swipe, try quickly brushing the screen with your finger or fingers. When VoiceOver is turned on, the VoiceOver Practice button appears, which gives you a chance to practice VoiceOver gestures before proceeding.

Practice VoiceOver gestures: Go to Settings > General > Accessibility > VoiceOver, then tap VoiceOver Practice. When you finish practicing, tap Done. If you don't see the VoiceOver Practice button, make sure VoiceOver is turned on.

Here's a summary of key VoiceOver gestures:

Navigate and read

- *Tap:* Speak the item.
- *Swipe right or left:* Select the next or previous item.
- *Swipe up or down:* Depends on the Rotor Control setting. See [Using the VoiceOver rotor control](#) on page 121.
- *Two-finger tap:* Stop speaking the current item.
- *Two-finger flick up:* Read all from the top of the screen.
- *Two-finger flick down:* Read all from the current position.
- *Two-finger "scrub":* Move two fingers back and forth three times quickly (making a "z") to dismiss an alert or go back to the previous screen.
- *Three-finger swipe up or down:* Scroll one page at a time.

- *Three-finger swipe right or left:* Go to the next or previous page (such as the Home screen, Stocks, or Safari).
- *Three-finger tap:* Speak additional information, such as position within a list or whether text is selected.
- *Four-finger tap at top of screen:* Select the first item on the page.
- *Four-finger tap at bottom of screen:* Select the last item on the page.

Activate

- *Double-tap:* Activate the selected item.
- *Triple-tap:* Double-tap an item.
- *Split-tap:* As an alternative to selecting an item and double-tapping to activate it, touch an item with one finger, and then tap the screen with another.
- *Double-tap and hold (1 second) + standard gesture:* Use a standard gesture. The double-tap and hold gesture tells iPhone to interpret the next gesture as standard. For example, you can double-tap and hold, and then without lifting your finger, drag your finger to slide a switch.
- *Two-finger double-tap:* Answer or end a call. Play or pause in Music, Videos, Voice Memos, or Photos. Take a photo in Camera. Start or pause recording in Camera or Voice Memos. Start or stop the stopwatch.
- *Two-finger double-tap and hold:* Change an item's label to make it easier to find.
- *Two-finger triple-tap:* Open the Item Chooser.
- *Three-finger triple-tap:* Mute or unmute VoiceOver.
- *Three-finger quadruple-tap:* Turn the screen curtain on or off.

Using the VoiceOver rotor control

Use the rotor to choose what happens when you swipe up or down with VoiceOver turned on.

Operate the rotor: Rotate two fingers on the iPhone screen around a point between them.



Change the options included in the rotor: Go to Settings > General > Accessibility > VoiceOver > Rotor and select the options you want to be available using the rotor.

The effect of the rotor setting depends on what you're doing. For example, if you're reading an email, you can use the rotor to switch between hearing text spoken word-by-word or character-by-character when you swipe up or down. If you're browsing a webpage, you can set the rotor to speak all the text (either word-by-word or character-by-character), or to jump from one item to another of a certain type, such as headers or links.

When you use an Apple Wireless Keyboard to control VoiceOver, a speech rotor lets you adjust settings such as volume, speech rate, use of pitch or phonetics, typing echo, and reading of punctuation. See [Using VoiceOver with an Apple Wireless Keyboard](#) on page 124.

Entering and editing text with VoiceOver

When you enter an editable text field, you can use the onscreen keyboard or an external keyboard connected to iPhone to enter text.

Enter text: Select an editable text field, double-tap to display the insertion point and the onscreen keyboard, then type characters.

- *Standard typing:* Select a key on the keyboard by swiping left or right, then double-tap to enter the character. Or move your finger around the keyboard to select a key and, while continuing to touch the key with one finger, tap the screen with another finger. VoiceOver speaks the key when it's selected, and again when the character is entered.
- *Touch typing:* Touch a key on the keyboard to select it, then lift your finger to enter the character. If you touch the wrong key, slide your finger to the key you want. VoiceOver speaks the character for each key as you touch it, but doesn't enter a character until you lift your finger.
- *Choose standard or touch typing:* With VoiceOver turned on and a key selected on the keyboard, use the rotor to select Typing Mode, then swipe up or down.

Move the insertion point: Swipe up or down to move the insertion point forward or backward in the text. Use the rotor to choose whether you want to move the insertion point by character, by word, or by line.


VoiceOver makes a sound when the insertion point moves, and speaks the character, word, or line that the insertion point moves across. When moving forward by words, the insertion point is placed at the end of each word, before the space or punctuation that follows. When moving backward, the insertion point is placed at the end of the preceding word, before the space or punctuation that follows it.

Move the insertion point past the punctuation at the end of a word or sentence: Use the rotor to switch back to character mode.

When moving the insertion point by line, VoiceOver speaks each line as you move across it. When moving forward, the insertion point is placed at the beginning of the next line (except when you reach the last line of a paragraph, when the insertion point is moved to the end of the line just spoken). When moving backward, the insertion point is placed at the beginning of the line that's spoken.

Change typing feedback: Go to Settings > General > Accessibility > VoiceOver > Typing Feedback.

Use phonetics in typing feedback: Go to Settings > General > Accessibility > VoiceOver > Use Phonetics. Text is read character by character. VoiceOver first speaks the character, then its phonetic equivalent—for example, "f" and then "foxtrot."

Delete a character: Select , then double-tap or split-tap. You must do this even when touch typing. To delete multiple characters, touch and hold the Delete key, then tap the screen with another finger once for each character you want to delete. VoiceOver speaks the character as it's deleted. If Use Pitch Change is turned on, VoiceOver speaks deleted characters in a lower pitch.

Select text: Set the rotor to Edit, swipe up or down to choose Select or Select All, then double tap. If you chose Select, the word closest to the insertion point is selected when you double-tap. If you chose Select All, all text is selected. Pinch to increase or decrease the selection.

Cut, copy, or paste: Make sure the rotor is set to Edit. With text selected, swipe up or down to choose Cut, Copy, or Paste, then double-tap.

Undo: Shake iPhone, swipe left or right to choose the action to undo, then double-tap.

Enter an accented character: In standard typing mode, select the plain character, then double-tap and hold until you hear a sound indicating alternate characters have appeared. Drag left or right to select and hear the choices. Release your finger to enter the current selection.

Change the keyboard language: Set the rotor to Language, then swipe up or down. Choose “default language” to use the language specified in International settings. The Language rotor appears only if you select more than one language in Settings > General > Accessibility > VoiceOver > Language Rotor.

Making phone calls with VoiceOver

Answer or end a call: Double-tap the screen with two fingers.

When a phone call is established with VoiceOver on, the screen displays the numeric keypad by default, instead of showing call options.


Display call options: Select the Hide Keypad button in the lower-right corner and double-tap.

Display the numeric keypad again: Select the Keypad button near the center of the screen and double-tap.

Using VoiceOver with Safari

When you search the web in Safari with VoiceOver on, the Search Results rotor items lets you hear the list of suggested search phrases.

Search the web: Select the search field, enter your search, then swipe right or left to move down or up the list of suggested search phrases. Then double-tap the screen to search the web using the selected phrase.

Set the rotor options for web browsing: Go to Settings > General > Accessibility > VoiceOver > Rotor. Tap to select or deselect options, or drag  up to reposition an item.

Skip images while navigating: Go to Settings > General > Accessibility > VoiceOver > Navigate Images. You can choose to skip all images or only those without descriptions.

Reduce page clutter for easier reading and navigation: Select the Reader item in the Safari address field (not available for all pages).

Using VoiceOver with Maps

You can use VoiceOver to explore a region, browse points of interest, follow roads, zoom in or out, select a pin, or get information about a location.

Explore the map: Drag your finger around the screen, or swipe left or right to move to another item.

Zoom in or out: Select the map, set the rotor to Zoom, then swipe up or down with one finger.

Pan the map: Swipe with three fingers.

Browse visible points of interest: Set the rotor to Points of Interest, then swipe up or down with one finger.

Follow a road: Hold your finger down on the road, wait until you hear “pause to follow,” then move your finger along the road while listening to the guide tone. The pitch increases when you stray from the road.

Select a pin: Touch a pin, or swipe left or right to select the pin.

Get information about a location: With a pin selected, double-tap to display the information flag. Swipe left or right to select the More Info button, then double-tap to display the information page.

Hear location cues as you move about: Turn on tracking with heading to hear street names and points of interest as you approach them.

Editing videos and voice memos with VoiceOver

You can use VoiceOver gestures to trim Camera videos and Voice Memo recordings.

Trim a voice memo: On the Voice Memos screen, select the button to the right of the memo you want to trim, then double-tap. Then select Trim Memo and double-tap. Select the beginning or end of the trim tool. Swipe up to drag right, or swipe down to drag left. VoiceOver announces the amount of time the current position will trim from the recording. To complete the trim, select Trim Voice Memo and double-tap.

Trim a video: While viewing a video in Photos, double-tap the screen to display the video controls, then select the beginning or end of the trim tool. Then swipe up to drag to the right, or swipe down to drag to the left. VoiceOver announces the amount of time the current position will trim from the recording. To complete the trim, select Trim and double-tap.

Using VoiceOver with an Apple Wireless Keyboard

You can control VoiceOver using an Apple Wireless Keyboard paired with iPhone. See [Use an Apple Wireless Keyboard](#) on page 25.

VoiceOver Help speaks keys or keyboard commands as you type them. You can use VoiceOver Help to learn the keyboard layout and the actions associated with key combinations.

Use VoiceOver keyboard commands to navigate the screen, select items, read screen contents, adjust the rotor, and perform other VoiceOver actions. Most keyboard commands use the Control-Option key combination, abbreviated in the table below as "VO."

VoiceOver keyboard commands

VO = Control-Option

- *Read all, starting from the current position:* VO-A
- *Read from the top:* VO-B
- *Move to the status bar:* VO-M
- *Press the Home button:* VO-H
- *Select the next or previous item:* VO-Right Arrow or VO-Left Arrow
- *Tap an item:* VO-Space bar
- *Open the Item Chooser:* VO-I
- *Double-tap with two fingers:* VO-"-"
- *Select the next or previous item specified by the rotor:* VO-Up Arrow or VO-Down Arrow
- *Adjust the speech rotor:* VO-Command-Left Arrow or VO-Command-Right Arrow
- *Adjust the setting specified by the speech rotor:* VO-Command-Up Arrow or VO-Command-Down Arrow
- *Mute or unmute VoiceOver:* VO-S
- *Switch apps:* Command-Tab or Command-Shift-Tab
- *Turn the screen curtain on or off:* VO-Shift-S
- *Turn on VoiceOver help:* VO-K
- *Return to the previous screen, or turn off VoiceOver help:* Escape

Quick Nav

Turn on Quick Nav to control VoiceOver using the arrow keys.

- *Turn Quick Nav on or off:* Left Arrow-Right Arrow
- *Select the next or previous item:* Right Arrow or Left Arrow

- *Select the next or previous item specified by the rotor:* Up Arrow or Down Arrow
- *Select the first or last item:* Control–Up Arrow or Control–Down Arrow
- *“Tap” an item:* Up Arrow–Down Arrow
- *Scroll up, down, left, or right:* Option–Up Arrow, Option–Down Arrow, Option–Left Arrow, or Option–Right Arrow
- *Adjust the rotor:* Up Arrow–Left Arrow or Up Arrow–Right Arrow

You can also use the number keys on an Apple Wireless Keyboard to dial a phone number in Phone or enter numbers in Calculator.

Single-letter Quick Nav for the web

When you view a webpage with Quick Nav enabled, you can use the following keys on the keyboard to navigate the page quickly. Typing the key moves to the next item of the indicated type. To move to the previous item, hold the Shift key as you type the letter.

- *Heading:* H
- *Link:* L
- *Text field:* R
- *Button:* B
- *Form control:* C
- *Image:* I
- *Table:* T
- *Static text:* S
- *ARIA landmark:* W
- *List:* X
- *Item of the same type:* M
- *Level 1 heading:* 1
- *Level 2 heading:* 2
- *Level 3 heading:* 3
- *Level 4 heading:* 4
- *Level 5 heading:* 5
- *Level 6 heading:* 6

Using a braille device with VoiceOver

You can use a Bluetooth braille display to read VoiceOver output, and you can use a braille display with input keys and other controls to control iPhone when VoiceOver is turned on. For a list of supported braille displays, go to www.apple.com/accessibility/iphone/braille-display.html.

Connect a braille display: Turn on the display, then go to Settings > Bluetooth and turn on Bluetooth. Then, go to Settings > General > Accessibility > VoiceOver > Braille and choose the display.

Turn contracted or eight-dot braille on or off: Go to Settings > General > Accessibility > VoiceOver > Braille.

Adjust Braille settings at Settings > General > Accessibility > VoiceOver > Braille, where you can:

For information about common braille commands for VoiceOver navigation, and for information specific to certain displays, go to support.apple.com/kb/HT4400.

The braille display uses the language that's set for Voice Control. This is normally the language set for iPhone in Settings > International > Language. You can use the VoiceOver language setting to set a different language for VoiceOver and braille displays.

Set the language for VoiceOver: Go to Settings > General > International > Voice Control, then choose the language.

If you change the language for iPhone, you may need to reset the language for VoiceOver and your braille display.

You can set the leftmost or rightmost cell of your braille display to provide system status and other information:

- Announcement History contains an unread message
- The current Announcement History message hasn't been read
- VoiceOver speech is muted
- The iPhone battery is low (less than 20% charge)
- iPhone is in landscape orientation
- The screen display is turned off
- The current line contains additional text to the left
- The current line contains additional text to the right

Set the leftmost or rightmost cell to display status information: Go to Settings > General > Accessibility > VoiceOver > Braille > Status Cell, and tap Left or Right.

See an expanded description of the status cell: On your braille display, press the status cell's router button.

Routing the audio of incoming calls

You can have the audio of incoming calls automatically routed to a headset or speaker phone instead of the iPhone receiver.

Reroute audio for incoming calls: Go to Settings > General > Accessibility > Incoming Calls and choose where you want to hear your calls.

Siri

With Siri, you can do things with your iPhone, such as opening apps, just by asking, and VoiceOver can read Siri responses to you. For information, see Chapter 4, [Siri](#), on page 43.

Take the shortcut

You can use the Accessibility Shortcut to turn these features on or off:

- VoiceOver
- Invert Colors
- Zoom
- Switch Control
- AssistiveTouch
- Hearing Aid Control (if you have paired with a hearing aid)

- Guided Access (The shortcut starts Guided Access if it's already turned on. See [Keep 'em on task](#) on page 129.)

Choose the features you want to control at Settings > General > Accessibility > Accessibility Shortcut. You can select more than one.

Turn accessibility features on or off by pressing the Home button  quickly three times.

Slow down the click speed: Go to Settings > General > Accessibility > Home-click Speed.

Zoom

Many apps let you zoom in or out on specific items. For example, you can double-tap or pinch to expand webpage columns in Safari. But, there's also a Zoom accessibility feature that lets you magnify the entire screen of any app you're using. And, you can use Zoom together with VoiceOver.

Turn Zoom on or off: Go to Settings > General > Accessibility > Zoom. Or, use Triple-click Home. See [Take the shortcut](#) on page 126.

Zoom in or out: Double-tap the screen with three fingers.

Vary the magnification: With three fingers, tap and drag up or down. The tap-and-drag gesture is similar to a double-tap, except you don't lift your fingers on the second tap—instead, drag your fingers on the screen. Once you start dragging, you can drag with a single finger. iPhone returns to the adjusted magnification when you zoom out and in again using the three-finger double-tap.

Pan around the screen: While zoomed in, drag the screen with three fingers. Once you start dragging, you can drag with a single finger so that you can see more of the screen. Or, hold a single finger near the edge of the display to pan to that side. Move your finger closer to the edge to pan more quickly. When you open a new screen, Zoom goes to the top-middle of the screen.

While using Zoom with an Apple Wireless Keyboard (see [Use an Apple Wireless Keyboard](#) on page 25), the screen image follows the insertion point, keeping it in the center of the display.

Get a better look

Display larger text in alerts, and in apps such as Calendar, Contacts, Mail, Messages, and Notes. Go to Settings > General > Accessibility > Larger Text, where you can turn on Larger Dynamic Type and adjust the font size.

Zoom in. Turn on Zoom at Settings > General > Accessibility > Zoom, then double-tap with three fingers to zoom in and out. To adjust magnification, double-tap with three fingers and drag up or down. To pan, drag with three fingers, or hold a single finger near the edge of the screen. If you're using an Apple Wireless Keyboard, zoom follows the insertion point, which stays centered on the screen.

Invert the screen colors to see if that makes it easier to read. Go to Settings > General > Accessibility > Invert Colors.

Use the Home button shortcut to turn Zoom or Invert Colors on or off—see [Take the shortcut](#) on page 126.

Invert Colors

Sometimes, inverting the colors on the iPhone screen may make it easier to read. When Invert Colors is turned on, the screen looks like a photographic negative.

Invert the screen's colors: Go to Settings > General > Accessibility > Invert Colors.

Speak Selection

Even with VoiceOver turned off, you can have iPhone read aloud any text you select. iPhone analyzes the text to determine the language, then reads it to you using the appropriate pronunciation.

Turn on Speak Selection: Go to Settings > General > Accessibility > Speak Selection. There you can also:

- Adjust the speaking rate
- Choose to have individual words highlighted as they're read

Have text read to you: Select the text, then tap Speak.

Speak Auto-text

Speak Auto-text speaks the text corrections and suggestions iPhone makes when you type.

Turn Speak Auto-text on or off: Go to Settings > General > Accessibility > Speak Auto-text.

Speak Auto-text also works with VoiceOver and Zoom.

Mono Audio

Mono Audio combines the left and right stereo channels into a mono signal played through both channels. You can adjust the balance of the mono signal for greater volume on the right or left.

Turn Mono Audio on or off and adjust the balance: Go to Settings > General > Accessibility > Mono Audio.

Hearing aids

Made for iPhone hearing aids

If you have a Made for iPhone hearing aid (available for iPhone 4S and later), you can adjust its settings on iPhone to suit your listening needs.

Adjust your hearing aid settings: Go to Settings > General > Accessibility > Hearing Aids, or set Triple-Click Home to open Hearing Aid Control. See [Take the shortcut](#) on page 126.

Hearing aid compatibility

The FCC has adopted hearing aid compatibility (HAC) rules for digital wireless phones. These rules require certain phones to be tested and rated under the American National Standard Institute (ANSI) C63.19-2007 hearing aid compatibility standards.

The ANSI standard for hearing aid compatibility contains two types of ratings:

- An "M" rating for reduced radio frequency interference to enable acoustic coupling with hearing aids that are not operating in telecoil mode
- A "T" rating for inductive coupling with hearing aids operating in telecoil mode

These ratings are given on a scale from one to four, where four is the most compatible. A phone is considered hearing aid compatible under FCC rules if it is rated M3 or M4 for acoustic coupling and T3 or T4 for inductive coupling.

For iPhone hearing aid compatibility ratings, go to www.apple.com/support/hac.

Hearing aid compatibility ratings don't guarantee that a particular hearing aid works with a particular phone. Some hearing aids may work well with phones that don't meet particular ratings. To ensure interoperability between a hearing aid and a phone, try using them together before purchase.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or Apple for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Hearing Aid Mode

iPhone has a Hearing Aid Mode that, when activated, may reduce interference with some hearing aid models. Hearing Aid Mode reduces the transmission power of the cellular radio in the GSM 1900 MHz band and may result in decreased 2G cellular coverage.

Activate Hearing Aid Mode: Go to Settings > General > Accessibility > Hearing Aids.

Assignable ringtones and vibrations

You can assign distinctive ringtones to people in your contacts list for audible caller ID. You can also assign vibration patterns for notifications from specific apps, for phone calls, for FaceTime calls or messages from special contacts, and to alert you of a variety of other events, including new voicemail, new mail, sent mail, Tweet, Facebook Post, and reminders. Choose from existing patterns, or create new ones. See [UNRESOLVABLE CROSS-REFERENCE](#) on page ###.

You can purchase ringtones from the iTunes Store on iPhone. See Chapter 22, [iTunes Store](#), on page 97.

LED Flash for Alerts

If you can't hear the sounds that announce incoming calls and other alerts, you can have iPhone flash its LED (next to the camera lens on the back of the iPhone). This works only when iPhone is locked or asleep. Available for iPhone 4 or later.

Turn on LED Flash for Alerts: Go to Settings > General > Accessibility > LED Flash for Alerts.

Keep 'em on task

Guided Access helps an iPhone user to stay focused on a task. Guided Access dedicates iPhone to a single app, and lets you restrict app features. Use Guided Access to:

- Temporarily restrict iPhone to a particular app
- Disable areas of the screen that aren't relevant to a task, or areas where an accidental gesture might cause a distraction
- Disable the iPhone Sleep/Wake or volume buttons

Enable Guided Access at Settings > General > Accessibility > Guided Access, where you can:

- Turn Guided Access on or off
- Set a passcode that controls the use of Guided Access and prevents someone from leaving an active session
- Set whether other accessibility shortcuts are available during a session

To start a Guided Access session open the app you want to run, then triple-click the Home button. Adjust settings for the session, then click Start.

End a Guided Access session: Triple-click the Home button and enter the Guided Access passcode.

AssistiveTouch

AssistiveTouch helps you use iPhone if you have difficulty touching the screen or pressing the buttons. You can use a compatible adaptive accessory (such as a joystick) together with AssistiveTouch to control iPhone. You can also use AssistiveTouch without an accessory to perform gestures that are difficult for you.

Turn on AssistiveTouch: Go to Settings > General > Accessibility > AssistiveTouch. To set Triple-click Home to turn AssistiveTouch on or off, go to Settings > General > Accessibility > Triple-click Home.

Adjust the tracking speed (with accessory attached): Go to Settings > General > Accessibility > AssistiveTouch > Touch speed.

Show or hide the AssistiveTouch menu: Click the secondary button on your accessory.

Move the menu button: Drag it to any edge of the screen.

Hide the menu button (with accessory attached): Go to Settings > General > Accessibility > AssistiveTouch > Always Show Menu.

Perform a swipe or drag that uses 2, 3, 4, or 5 fingers: Tap the menu button, tap Gestures, and then tap the number of digits needed for the gesture. When the corresponding circles appear on the screen, swipe or drag in the direction required by the gesture. When you finish, tap the menu button.

Perform a pinch gesture: Tap the menu button, tap Favorites, and then tap Pinch. When the pinch circles appear, touch anywhere on the screen to move the pinch circles, then drag the pinch circles in or out to perform a pinch gesture. When you finish, tap the menu button.

Create your own gesture: Tap the menu button, tap Favorites, and then tap an empty gesture placeholder. Or, go to Settings > General > Accessibility > AssistiveTouch > Create New Gesture.

Lock or rotate the screen, adjust iPhone volume, or simulate shaking iPhone: Tap the menu button, then tap Device.


Simulate pressing the Home button: Tap the menu button, then tap Home.

Exit a menu without performing a gesture: Tap anywhere outside the menu.

TTY support

You can use the iPhone TTY Adapter cable (sold separately in many areas) to connect iPhone to a TTY machine. Go to www.apple.com/store (may not be available in all areas) or check with your local Apple retailer.

Connect iPhone to a TTY machine: Go to Settings > Phone and turn TTY on, and then connect iPhone to your TTY machine using the iPhone TTY Adapter.

When TTY on iPhone is turned on, the TTY icon  appears in the status bar at the top of the screen. For information about using a particular TTY machine, see the documentation that came with the machine.

Assignable ringtones

You can assign distinctive ringtones to people in your contacts list for audible caller ID. You can purchase ringtones from the iTunes Store on iPhone. See Chapter 22, [iTunes Store](#), on page 97.

Visual voicemail

The play and pause controls in visual voicemail let you control the playback of messages. Drag the playhead on the scrubber bar to repeat a portion of the message that's hard to understand. See [Visual voicemail](#) on page 48.

Widescreen keyboards

Many apps, including Mail, Safari, Messages, Notes, and Contacts, let you rotate iPhone when you're typing, so you can use a larger keyboard.

Large phone keypad

Make phone calls simply by tapping entries in your contacts and favorites lists. When you need to dial a number, iPhone's large numeric keypad makes it easy. See [Phone calls](#) on page 45.

Voice Control

Voice Control lets you make phone calls and control Music playback using voice commands. See [Make a call](#) on page 45, and [Siri and Voice Control](#) on page 63.

Watch videos with closed captions

To turn view closed captions for videos that offer them, go to Settings > General > Accessibility > Subtitles & Captioning.

Customize the appearance of your captions. Go to Settings > General > Accessibility > Subtitles & Captioning > Style, where you can choose an existing option or create your own style based on your choice of font, color, background, opacity.

Not all videos include closed captions.

Accessibility in OS X

Take advantage of the accessibility features in OS X when you use iTunes to sync information and content from your iTunes library to iPhone. In the Finder, choose Help > Help Center, then search for "accessibility."

For more information about iPhone and OS X accessibility features, go to www.apple.com/accessibility.

Settings

33



Settings lets you configure iPhone, set app options, add accounts, and set other preferences. See other chapters for information about settings for the built-in apps. For example, for Safari settings, see Chapter 7, [Safari](#), on page 55.

VPN

Your organization may use a VPN to communicate private information securely over a non-private network. You may need to configure VPN, for example, to access your work email. This setting appears when you have VPN configured on iPhone, allowing you to turn VPN on or off. See [UNRESOLVABLE CROSS-REFERENCE](#) on page ###.

General

General settings include network, sharing, security, and other settings. You can also find information about your iPhone, and reset various iPhone settings.

VPN

VPNs used within organizations allow you to communicate private information securely over a non-private network. You may need to configure VPN, for example, to access your work email. Ask the network's administrator for the settings necessary to configure VPN for your network. After one or more VPN settings are defined you can:

- *Turn VPN on or off:* Go to Settings > VPN.
- *Switch between VPNs:* Go to Settings > General > VPN, then choose a configuration.

See also Appendix A, [iPhone in Business](#), on page 134.

Auto-Lock

Locking iPhone turns off the display in order to save the battery and prevent unintended operation of iPhone. You can still receive calls and text messages, and you can adjust the volume and use the mic button on your headset while listening to music or on a call.

Set the amount of time before iPhone locks: Go to Settings > General > Auto-Lock, then choose a time.

Accessibility

Go to Settings > General > Accessibility and turn on the features you want. See Chapter 32, [Accessibility](#), on page 117.

Profiles

This setting appears if you install one or more profiles on iPhone. Tap Profiles to see information about the profiles you've installed. For more information see [Using configuration profiles](#) on page 134.

Reset

You can reset the word dictionary, network settings, home screen layout, and location warnings. You can also erase all of your content and settings.

Reset iPhone: Go to Settings > General > Reset, then choose an option:

- *Reset all settings:* All your preferences and settings are reset.
- *Erase all content and settings:* Your information, and settings are removed. iPhone cannot be used until it's set up again.
- *Reset network settings:* When you reset network settings, your list of previously used networks and VPN settings not installed by a configuration profile are removed. Wi-Fi is turned off and then back on, disconnecting you from any network you're on. The Wi-Fi and "Ask to Join Networks" settings remain turned on. To remove VPN settings installed by a configuration profile, go to Settings > General > Profile, then select the profile and tap Remove. This also removes other settings or accounts provided by the profile.
- *Reset the keyboard dictionary:* You add words to the keyboard dictionary by rejecting words iPhone suggests as you type. Resetting the keyboard dictionary erases all words you've added.
- *Reset the Home screen layout:* Returns the built-in apps to their original layout on the Home screen.
- *Reset location and privacy:* Resets the location services and privacy settings to their factory defaults.

iPhone in Business

A Appendix

With support for secure access to corporate networks, directories, and Microsoft Exchange, iPhone is ready to go to work. For detailed information about using iPhone in business, go to www.apple.com/iphone/business.

Using configuration profiles

If you're in an enterprise environment, you may be able to set up accounts and other items on iPhone by installing a configuration profile. Configuration profiles let your administrator set up your iPhone to use the information systems at your company, school, or organization. For example, a configuration profile might set up your iPhone to access the Microsoft Exchange servers at work, so iPhone can access your Exchange email, calendars, and contacts, and it may turn on Passcode Lock to help keep the information secure.

Your administrator may distribute configuration profiles by email, by putting them on a secure webpage, or by installing them directly on iPhone for you. Your administrator may have you install a profile that ties your iPhone to a mobile device management server, which allows your administrator to configure your settings remotely.

Install configuration profiles: On iPhone, open the email message or download the configuration profiles from the website your administrator provides. When you open a configuration profile, installation begins.

Important: You may be asked whether a configuration profile is trusted. If in doubt, ask your administrator before installing the configuration profile.

You can't change the settings defined by a configuration profile. If you want to change settings, you must first remove the configuration profile, or install a new configuration profile with the new settings.

Remove a configuration profile: Go to Settings > General > Profile, then select the configuration profile and tap Remove.

Removing a configuration profile deletes the settings and all other information installed by the profile.

Setting up Microsoft Exchange accounts

Microsoft Exchange provides email, contact, tasks, and calendar information that you can automatically sync wirelessly to iPhone. You can set up an Exchange account directly on iPhone.

Set up an Exchange account on iPhone: Go to Settings > Mail, Contacts, Calendars. Tap Add Account, then tap Microsoft Exchange. Ask your service provider or administrator what settings you should use.

VPN access

VPN (virtual private network) provides secure access over the Internet to private networks, such as the network at your company or school. Use Network settings on iPhone to configure and turn on VPN. Ask your administrator what settings you should use.

VPN can also be set up automatically by a configuration profile. When VPN is set up by a configuration profile, iPhone may turn VPN on automatically whenever it's needed. For more information, contact your administrator.

LDAP and CardDAV accounts

When you set up an LDAP account, you can view and search for contacts on your organization's LDAP server. The server appears as a new group in Contacts. Because LDAP contacts aren't downloaded to iPhone, you must have an Internet connection to view them. Check with your administrator for account settings and other requirements (such as VPN).

When you set up a CardDAV account, your account contacts are synced with iPhone over the air. You may also be able to search for contacts on your organization's CardDAV server.

Set up an LDAP or CardDAV account: Go to Settings > Mail, Contacts, Calendars, then tap Add Account. Tap Other. Ask your service provider or administrator what settings you should use.



International Keyboards

B Appendix



Using international keyboards



International keyboards let you type text in many different languages, including Asian languages and languages written from right to left. For a list of supported keyboards, go to www.apple.com/iphone/specs.html.

Manage keyboards. Go to Settings > General > International > Keyboards.

- *Add a keyboard:* Tap Add New Keyboard, then choose a keyboard from the list. Repeat to add more keyboards.
- *Remove a keyboard:* Tap Edit, tap  next to the keyboard you want to remove, then tap Delete.
- *Edit your keyboard list:* Tap Edit, then drag  next to a keyboard to a new place in the list.

To enter text in a different language, switch keyboards.

Switch keyboards while typing. Touch and hold the Globe key  to show all your enabled keyboards. To choose a keyboard, slide your finger to the name of the keyboard, then release. The Globe key  appears only if you enable more than one keyboard.

You can also just tap . When you tap , the name of the newly activated keyboard appears briefly. Continue tapping to access other enabled keyboards.

Many keyboards provide letters, numbers, and symbols that aren't visible on the keyboard.

Enter accented letters or other characters. Touch and hold the related letter, number, or symbol, then slide to choose a variant. For example:

- *On a Thai keyboard:* Choose native numbers by touching and holding the related Arabic number.
- *On a Chinese, Japanese, or Arabic keyboard:* Suggested characters or candidates appear at the top of the keyboard. Tap a candidate to enter it, or flick left to see more candidates.

Use the extended candidate list. Tap the up arrow at the right to view the full candidate list.

- *Scroll the list:* Flick up or down.
- *Return to the short list:* Tap the down arrow.

When using certain Chinese or Japanese keyboards, you can create a shortcut for word and input pairs. The shortcut is added to your personal dictionary. When you type a shortcut while using a supported keyboard, the paired word or input is substituted for the shortcut.

Turn shortcuts on or off. Go to Settings > General > Keyboard > Shortcuts. Shortcuts are available for:

- *Simplified Chinese:* Pinyin
- *Traditional Chinese:* Pinyin and Zhuyin
- *Japanese:* Romaji and 50 Key

Special input methods

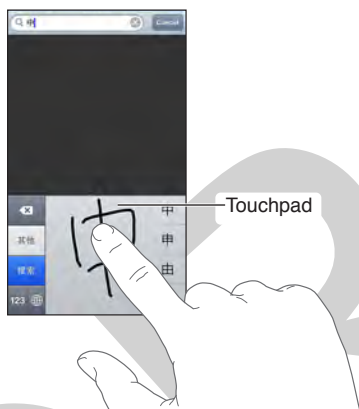
You can use keyboards to enter some languages in different ways. A few examples are Chinese Cangjie and Wubihua, Japanese Kana, and Facemarks. You can also use your finger or a stylus to write Chinese characters on the screen.

Build Chinese characters from the component Cangjie keys. As you type, suggested characters appear. Tap a character to choose it, or continue typing up to five components to see more options.

Build Chinese Wubihua (stroke) characters. Use the keypad to build Chinese characters using up to five strokes, in the correct writing sequence: horizontal, vertical, left falling, right falling, and hook. For example, the Chinese character 圈 (circle) should begin with the vertical stroke |.

- As you type, suggested Chinese characters appear (the most commonly used characters appear first). Tap a character to choose it.
- If you're not sure of the correct stroke, enter an asterisk (*). To see more character options, type another stroke, or scroll through the character list.
- Tap the match key (匹配) to show only characters that match exactly what you typed.

Write Chinese characters. Write Chinese characters directly on the screen with your finger when Simplified or Traditional Chinese handwriting formats are turned on. As you write character strokes, iPhone recognizes them and shows matching characters in a list, with the closest match at the top. When you choose a character, its likely follow-on characters appear in the list as additional choices



Some complex characters can be typed by writing two or more component characters in sequence. Tap the character to replace the characters you typed. Roman characters are also recognized.

Type Japanese kana. Use the Kana keypad to select syllables. For more syllable options, tap the arrow key and select another syllable or word from the window.

Type Japanese romaji. Use the Romaji keyboard to type syllables. Alternative choices appear along the top of the keyboard, tap one to type it. For more syllable options, tap the arrow key and select another syllable or word from the window.

Type facemarks or emoticons. Use the Japanese Kana keyboard and tap the ^_^ key. Or you can:

- Use the Japanese Romaji keyboard (QWERTY-Japanese layout): Tap the Number key 123, then tap the ^_^ key.
- Use the Chinese (Simplified or Traditional) Pinyin or (Traditional) Zhuyin keyboard: Tap the Symbols key #&=, then tap the ^_^ key.

Safety, Handling, & Support

C Appendix

Important safety information



WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injuries, or damage to iPhone or other property. Read all the safety information below before using iPhone.

Handling Handle iPhone with care. It is made of metal, glass, and plastic and has sensitive electronic components inside. iPhone can be damaged if dropped, burned, punctured, or crushed, or if it comes in contact with liquid. Don't use a damaged iPhone, such as one with a cracked screen, as it may cause injury. If you're concerned about scratching, consider using a case.

Repairing Don't open iPhone and don't attempt to repair iPhone by yourself. Disassembling iPhone may cause injury to you or damage to iPhone. If iPhone is damaged, malfunctions, or comes in contact with liquid, contact Apple or an Apple Authorized Service Provider. You can find more information about getting service at www.apple.com/support/iphone/service/faq.

Battery Don't attempt to replace the iPhone battery yourself—you may damage the battery, which could cause overheating and injury. The lithium-ion battery in iPhone should be replaced only by Apple or an Apple Authorized Service Provider, and must be recycled or disposed of separately from household waste. Don't incinerate the battery. For information about battery recycling and replacement, go to www.apple.com/batteries.

Distraction Using iPhone in some circumstances can distract you and may cause a dangerous situation. Observe rules that prohibit or restrict the use of mobile phones or headphones (for example, avoid texting while driving a car or using headphones while riding a bicycle).

Navigation Maps, directions, Flyover, and location-based apps depend on data services. These data services are subject to change and may not be available in all areas, resulting in maps, directions, Flyover, or location-based information that may be unavailable, inaccurate, or incomplete. Compare the information provided on iPhone to your surroundings, and defer to posted signs to resolve any discrepancies. Some Maps features require Location Services. See **UNRESOLVABLE CROSS-REFERENCE** on page ###. Use common sense when navigating.

Charging Charge iPhone with the included USB cable and power adapter or other third-party “Made for iPhone” cables and power adapters that are compatible with USB 2.0 or power adapters compliant with one or more of the following standards: EN 301489-34, IEC 62684, YD/T 1591-2009, CNS 15285, ITU L.1000, or another applicable mobile phone power adapter interoperability standard. An iPhone Micro USB Adapter (available separately in some areas) or other adapter may be needed to connect iPhone to some compatible power adapters. Using damaged cables or chargers, or charging when moisture is present, can cause electric shock. When you use the Apple USB Power Adapter to charge iPhone, make sure that the AC plug or AC power cord is fully inserted into the adapter before you plug it into a power outlet. Power adapters may become warm during normal use, and prolonged contact may cause injury. Always allow adequate ventilation around power adapters when using them.

Note: Only micro USB power adapters in certain regions that comply with applicable mobile phone power adapter interoperability standards are compatible. Please contact the power adapter manufacturer to find out if your micro USB power adapter complies with these standards.

Hearing loss Listening to sound at high volumes may damage your hearing. Background noise, as well as continued exposure to high volume levels, can make sounds seem quieter than they actually are. Turn on the audio and check the volume before inserting anything in your ear. For more information about hearing loss, see www.apple.com/sound. For information about how to set a maximum volume limit on iPhone, see [Music settings](#) on page 64.



WARNING: To prevent possible hearing damage, do not listen at high volume levels for long periods.

Apple headsets The headsets sold with iPhone 4S or later in China (identifiable by dark insulating rings on the plug) are designed to comply with Chinese standards and are compatible with iPhone 4S or later, iPad 2 or later, and iPod touch 5th generation. Use only compatible headsets with your device.

Radio signals iPhone uses radio signals to connect to wireless networks. For information about the amount of power used to transmit these signals, and about steps you can take to minimize exposure, see Settings > General > About > Legal > RF Exposure.

Radio frequency interference Observe signs and notices that prohibit or restrict the use of mobile phones (for example, in healthcare facilities or blasting areas). Although iPhone is designed, tested, and manufactured to comply with regulations governing radio frequency emissions, such emissions from iPhone can negatively affect the operation of other electronic equipment, causing them to malfunction. Turn off iPhone or use Airplane Mode to turn off the iPhone wireless transmitters when use is prohibited, such as while traveling in aircraft, or when asked to do so by authorities.

Medical devices iPhone contains radios that emit electromagnetic fields. These electromagnetic fields may interfere with pacemakers or other medical devices. If you wear a pacemaker, maintain at least 6 inches (approximately 15 cm) of separation between your pacemaker and iPhone. If you suspect iPhone is interfering with your pacemaker or any other medical device, stop using iPhone and consult your physician for information specific to your medical device. iPhone has magnets near the bottom, and the included headphones also have magnets in the earbuds, which may interfere with pacemakers, defibrillators or other medical devices. Maintain at least 6 inches (approximately 15 cm) of separation between your pacemaker or defibrillator and iPhone or the earbuds.

Medical conditions If you have any other medical condition that you believe could be affected by iPhone (for example, seizures, blackouts, eyestrain, or headaches), consult with your physician prior to using iPhone.

Explosive atmospheres Do not charge or use iPhone in any area with a potentially explosive atmosphere, such as at a fueling area, or in areas where the air contains chemicals or particles (such as grain, dust, or metal powders). Obey all signs and instructions.

Repetitive motion When you perform repetitive activities such as typing or playing games on iPhone, you may experience occasional discomfort in your hands, arms, wrists, shoulders, neck, or other parts of your body. If you experience discomfort, stop using iPhone and consult a physician.

High-consequence activities This device is not intended for use where the failure of the device could lead to death, personal injury, or severe environmental damage.

Choking hazard Some iPhone accessories may present a choking hazard to small children. Keep these accessories away from small children.

Important handling information

Cleaning Clean iPhone immediately if it comes in contact with anything that may cause stains—such as dirt, ink, makeup, or lotions. To clean:

- Disconnect all cables and turn iPhone off (press and hold the Sleep/Wake button, then slide the onscreen slider).
- Use a soft, lint-free cloth.
- Avoid getting moisture in openings.
- Don't use cleaning products or compressed air.

The front or back cover of iPhone may be made of glass with a fingerprint-resistant oleophobic (oil repellent) coating. This coating wears over time with normal usage. Cleaning products and abrasive materials will further diminish the coating, and may scratch the glass. Abrasive media may also scratch iPhone.

Using connectors, ports, and buttons Never force a connector into a port or apply excessive pressure to a button, because this may cause damage that is not covered under the warranty. If the connector and port don't join with reasonable ease, they probably don't match. Check for obstructions and make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port.

Lightning Discoloration of the Lightning plug after regular use is normal. Dirt, debris, and exposure to liquids may cause discoloration. To remove the discoloration or if the cable becomes warm during use or won't charge or sync your iPhone, disconnect the Lightning cable from your computer or power adapter and clean it with a soft, dry, lint-free cloth. Do not use liquids or cleaning products when cleaning the Lightning connector.

Operating temperature iPhone is designed to work in ambient temperatures between 32° and 95° F (0° and 35° C) and stored in temperatures between -4° and 113° F (-20° and 45° C). iPhone can be damaged and battery life shortened if stored or operated outside of these temperature ranges. Avoid exposing iPhone to dramatic changes in temperature or humidity. When you're using iPhone or charging the battery, it is normal for iPhone to get warm.

If the interior temperature of iPhone exceeds normal operating temperatures (for example, in a hot car or in direct sunlight for extended periods of time), you may experience the following as it attempts to regulate its temperature:

- iPhone stops charging.
- The screen dims.
- A temperature warning screen appears.
- Some apps may close.

Important: You may not be able to use iPhone while the temperature warning screen is displayed. If iPhone can't regulate its internal temperature, it goes into deep sleep mode until it cools. Move iPhone to a cooler location out of direct sunlight and wait a few minutes before trying to use iPhone again.

For more information, go to support.apple.com/kb/HT2101.

iPhone Support site

Comprehensive support information is available online at www.apple.com/support/iphone. To contact Apple for personalized support (not available in all areas), see www.apple.com/support/contact.

Restarting or resetting iPhone

If something isn't working right, try restarting iPhone, forcing an app to close, or resetting iPhone.

Restart iPhone: Hold down the Sleep/Wake button until the red slider appears. Slide your finger across the slider to turn off iPhone. To turn iPhone back on, hold down the Sleep/Wake button until the Apple logo appears.

Force an app to close: Hold down the Sleep/Wake button for a few seconds until a red slider appears, then hold down the Home button until the app closes.

You can also remove an app from the recents list to force it to close. See [Start at home](#) on page 20.

If you can't turn off iPhone or if the problem continues, you may need to reset iPhone. A reset should be done only if turning iPhone off and on doesn't resolve the problem.

Reset iPhone: Hold down the Sleep/Wake button and the Home button at the same time for at least ten seconds, until the Apple logo appears.

About

Display information about iPhone: Go to Settings > General > About. The items you can view include:

- Available storage space
- Serial number
- iOS version
- Network addresses
- IMEI (International Mobile Equipment Identity)
- ICCID (Integrated Circuit Card Identifier, or Smart Card) for GSM networks
- MEID (Mobile Equipment Identifier) for CDMA networks

- Legal notices, license, and regulatory marks

To copy the serial number and other identifiers, touch and hold the identifier until Copy appears.

To help Apple improve products and services, iPhone sends diagnostic and usage data. This data does not personally identify you but may include location information.

View or turn off diagnostic information: Go to Settings > General > About > Diagnostics & Usage.

Software Update

Software Update lets you download and install iOS updates from Apple.

Update to the latest iOS version: Go to Settings > General > Software Update.

If a newer version of iOS is available, follow the onscreen instructions to download and install it.

“Wrong Passcode” or “iPhone is disabled” appears

If you forget your passcode or iPhone displays an alert that it is disabled, see “iOS: Wrong passcode results in red disabled screen” at support.apple.com/kb/HT1212.

“This accessory is not supported by iPhone” appears

The accessory you attached may not work with iPhone. Make sure the USB cable and connectors are free of debris, and refer to the documentation that came with the accessory.

Can't view email attachments

If iPhone can't view email attachments, try the following:

- *View an attached file:* Tap the attachment to open it in Quick Look. You may need to wait while it downloads before viewing.
- *Save an attached photo or video:* Tap the attachment to open it in Quick Look. You may need to wait while it downloads before viewing.

Quick Look supports the following document types:

- *.doc, .docx*—Microsoft Word
- *.htm, .html*—webpage
- *.key*—Keynote
- *.numbers*—Numbers
- *.pages*—Pages
- *.pdf*—Preview, Adobe Acrobat
- *.ppt, .pptx*—Microsoft PowerPoint
- *.rtf*—Rich Text Format
- *.txt*—text
- *.vcf*—contact information
- *.xls, .xlsx*—Microsoft Excel

For additional troubleshooting information, go to www.apple.com/support/iphone.

Backing up iPhone

You can use iCloud or iTunes to automatically back up iPhone. If you choose to back up using iCloud, you can't also use iTunes to automatically back up to your computer, but you can use iTunes to manually back up to your computer.

Backing up with iCloud

iCloud backs up to iPhone daily over Wi-Fi, when it's connected to a power source and is locked. The date and time of the last backup is listed at the bottom of the Storage & Backup screen.

iCloud backs up your:

- Purchased music, TV shows, apps, and books
- Photos and videos in your Camera Roll
- iPhone settings
- App data
- Home screen and app organization
- Messages (iMessage, SMS, and MMS)
- Ringtones

Note: Purchased music is not backed up in all areas and TV shows are not available in all areas.

If you didn't enable iCloud backup when you first set up iPhone, you can turn it on in iCloud settings.

Turn on iCloud backups: Go to Settings > iCloud, then log in with your Apple ID and password, if required. Go to Storage & Backup, then turn on iCloud Backup.

Back up immediately: Go to Settings > iCloud > Storage & Backup, then tap Back Up Now.

Manage your backups: Go to Settings > iCloud > Storage & Backup, then tap Manage Storage. Tap the name of your iPhone.

Turn Camera Roll backup on or off: Go to Settings > iCloud > Storage & Backup, then tap Manage Storage. Tap the name of your iPhone, then turn Camera Roll backup on or off.

View the devices being backed up: Go to Settings > iCloud > Storage & Backup > Manage Storage.

Stop iCloud backups: Go to Settings > iCloud > Storage & Backup > Backup, then turn off iCloud Backup.

Music that isn't purchased in iTunes isn't backed up in iCloud. You have to use iTunes to back up and restore that content. See [Syncing with iTunes](#) on page 17.

Important: Backups for music or TV show purchases are not available in all areas. Previous purchases may be unavailable if they are no longer in the iTunes Store, App Store, or iBookstore.

Purchased content, as well as Photo Stream content, doesn't count against your 5 GB of free iCloud storage.

Backing up with iTunes

iTunes creates a backup of photos in your Camera Roll or Saved Photos album, and backups of text messages, notes, call history, your Favorites list, sound settings, and more. Media files, such as songs, and some photos, aren't backed up, but can be restored by syncing with iTunes.

When you connect iPhone to the computer you normally sync with, iTunes creates a backup each time you:

- *Sync with iTunes:* iTunes syncs iPhone each time you connect iPhone to your computer. iTunes won't automatically back up an iPhone that isn't configured to sync with that computer. See [Syncing with iTunes](#) on page 17.
- *Update or restore iPhone:* iTunes always backs up iPhone before updating and restoring.

iTunes can also encrypt iPhone backups to secure your data.

Encrypt iPhone backups: Select "Encrypt iPhone backup" in the iTunes Summary pane.

Restore iPhone files and settings: Connect iPhone to the computer you normally sync with, select iPhone in the iTunes window, and click Restore in the Summary pane.

For more information about backups, go to support.apple.com/kb/HT1766.

Removing an iTunes backup

You can remove an iPhone backup from the list of backups in iTunes. You may want to do this, for example, if a backup was created on someone else's computer.

Remove a backup:

- 1 In iTunes, open iTunes Preferences.
 - *Mac:* Choose iTunes > Preferences.
 - *Windows:* Choose Edit > Preferences.
- 2 Click Devices (iPhone doesn't need to be connected).
- 3 Select the backup you want to remove, then click Delete Backup.
- 4 Click Delete, to confirm you wish to remove the selected backup, then click OK.

Updating and restoring iPhone software

You can update iPhone software in Settings, or by using iTunes. You can also erase or restore iPhone, and then use iCloud or iTunes to restore from a backup.

Deleted data is no longer accessible through the iPhone user interface, but it isn't erased from iPhone. For information about erasing all content and settings, see [Reset](#) on page 133.

Updating iPhone

You can update software in iPhone Settings or by using iTunes.

Update wirelessly on iPhone: Go to Settings > General > Software Update. iPhone checks for available software updates.

Update software in iTunes: iTunes checks for available software updates each time you sync iPhone using iTunes. See [Syncing with iTunes](#) on page 17.

For more information about updating iPhone software, go to support.apple.com/kb/HT4623.

Restoring iPhone

You can use iCloud or iTunes to restore iPhone from a backup.

Restore from an iCloud backup: Reset iPhone to erase all settings and information. Sign in to iCloud and choose Restore from a Backup in the Setup Assistant. See [Reset](#) on page 133.

Restore from an iTunes backup: Connect iPhone to the computer you normally sync with, select iPhone in the iTunes window, and click Restore in the Summary pane.

When the iPhone software is restored, you can either set it up as a new iPhone, or restore your music, videos, app data, and other content from a backup.

For more information about restoring iPhone software, go to support.apple.com/kb/HT1414.

Using iPhone on cellular networks

iPhone connects to the Internet using Wi-Fi or your carrier's cellular network. If iPhone is connected to the Internet via the cellular data network, the **LTE**, **4G**, **3G**, **E**, or **o** icon appears in the status bar.

LTE, 4G and 3G service on GSM cellular networks support simultaneous voice and data communications. For all other cellular connections, you can't use Internet services while you're talking on the phone unless iPhone also has a Wi-Fi connection to the Internet. Depending on your network connection, you may not be able to receive calls while iPhone transfers data over the cellular network—when downloading a webpage, for example.

GSM networks: On an EDGE or GPRS connection, incoming calls may go directly to voicemail during data transfers. For incoming calls that you answer, data transfers are paused.

CDMA networks: On EV-DO connections, data transfers are paused when you answer incoming calls. On 1xRTT connections, incoming calls may go directly to voicemail during data transfers. For incoming calls that you answer, data transfers are paused.

Data transfer resumes when you end the call.

If you don't want to use the cellular network for Internet access, **turn off Cellular Data** at Settings > Cellular Data. Then all data services use only Wi-Fi—including email, web browsing, push notifications, and other services.

To **check your cellular usage**, go to Settings > General > Usage.

Using iPhone with other carriers

Some carriers let you unlock iPhone for use with their network. To see if your carrier offers this option, go to support.apple.com/kb/HT1937.

Contact your carrier for authorization and setup information. You need to connect iPhone to iTunes to complete the process. Additional fees may apply.

For more information, go to support.apple.com/kb/HT5014.

Learning more, service, and support

This table describes where to get more iPhone-related safety, software, and service information.

To learn about	Do this
Using iPhone safely	See Important safety information on page 138.
iPhone service and support, tips, forums, and Apple software downloads	Go to www.apple.com/support/iphone .
Service and support from your carrier	Contact your carrier or go to your carrier's website.
The latest information about iPhone	Go to www.apple.com/iphone .
Managing your Apple ID account	Go to appleid.apple.com .

To learn about	Do this
Using iCloud	Go to www.apple.com/support/icloud .
Using iTunes	Open iTunes and choose Help > iTunes Help. For an online iTunes tutorial (may not be available in all areas), go to www.apple.com/support/itunes .
Using other Apple iOS apps	Go to www.apple.com/support/ios .
Finding your iPhone serial number, IMEI, ICCID, or MEID	You can find your iPhone serial number, International Mobile Equipment Identity (IMEI), ICCID, or Mobile Equipment Identifier (MEID) on the iPhone packaging. Or, on iPhone, choose Settings > General > About. For more information, go to support.apple.com/kb/ht4061 .
Obtaining warranty service	First follow the advice in this guide. Then go to www.apple.com/support/iphone .
Viewing iPhone regulatory information	On iPhone, go to Settings > General > About > Legal > Regulatory.
Battery replacement service	Go to www.apple.com/batteries/replacements.html .
Using iPhone in an enterprise environment	Go to www.apple.com/iphone/business to learn more about the enterprise features of iPhone, including Microsoft Exchange, IMAP, CalDAV, CardDAV, VPN, and more.

FCC info

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important: Changes or modifications to this product not authorized by Apple could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product.

Disposal and recycling information

Apple Recycling Program (available in some areas): For free recycling of your old mobile phone, a prepaid shipping label, and instructions, see www.apple.com/recycling.

iPhone disposal and recycling: You must dispose of iPhone properly according to local laws and regulations. Because iPhone contains electronic components and a battery, iPhone must be disposed of separately from household waste. When iPhone reaches its end of life, contact local authorities to learn about disposal and recycling options, or simply drop it off at your local Apple retail store or return it to Apple. The battery will be removed and recycled in an environmentally friendly manner. For more information, see www.apple.com/recycling.

Battery replacement: The lithium-ion battery in iPhone should be replaced only by Apple or an Apple Authorized Service Provider, and must be recycled or disposed of separately from household waste. For more information about battery replacement services, go to www.apple.com/batteries/replacements.html.

Battery Charger Efficiency



Türkiye

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur.

台灣



廢電池請回收

European Union—Disposal Information



The symbol above means that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and/or its battery at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Union Européenne—informations sur l'élimination: Le symbole ci-dessus signifie que, conformément aux lois et réglementations locales, vous devez jeter votre produit et/ou sa batterie séparément des ordures ménagères. Lorsque ce produit arrive en fin de vie, apportez-le à un point de collecte désigné par les autorités locales. La collecte séparée et le recyclage de votre produit et/ou de sa batterie lors de sa mise au rebut aideront à préserver les ressources naturelles et à s'assurer qu'il est recyclé de manière à protéger la santé humaine et l'environnement.

Europäische Union—Informationen zur Entsorgung: Das oben aufgeführte Symbol weist darauf hin, dass dieses Produkt und/oder die damit verwendete Batterie den geltenden gesetzlichen Vorschriften entsprechend und vom Hausmüll getrennt entsorgt werden muss. Geben Sie dieses Produkt zur Entsorgung bei einer offiziellen Sammelstelle ab. Durch getrenntes Sammeln und Recycling werden die Rohstoffreserven geschont und es ist sichergestellt, dass beim Recycling des Produkts und/oder der Batterie alle Bestimmungen zum Schutz von Gesundheit und Umwelt eingehalten werden.

Unione Europea—informazioni per lo smaltimento: Il simbolo qui sopra significa che, in base alle leggi e alle normative locali, il prodotto e/o la sua batteria dovrebbero essere riciclati separatamente dai rifiuti domestici. Quando il prodotto diventa inutilizzabile, portalo nel punto di raccolta stabilito dalle autorità locali. La raccolta separata e il riciclaggio del prodotto e/o della sua batteria al momento dello smaltimento aiutano a conservare le risorse naturali e assicurano che il riciclaggio avvenga nel rispetto della salute umana e dell'ambiente.

Europeiska unionen—information om kassering: Symbolen ovan betyder att produkten och/eller dess batteri enligt lokala lagar och bestämmelser inte får kastas tillsammans med hushållsavfallet. När produkten har tjänat ut måste den tas till en återvinningsstation som utsetts av lokala myndigheter. Genom att låta den uttjänta produkten och/eller dess batteri tas om hand för återvinning hjälper du till att spara naturresurser och skydda hälsa och miljö.

Brasil—Informações sobre descarte e reciclagem



O símbolo indica que este produto e/ou sua bateria não devem ser descartadas no lixo doméstico. Quando decidir descartar este produto e/ou sua bateria, faça-o de acordo com as leis e diretrizes ambientais locais. Para informações sobre substâncias de uso restrito, o programa de reciclagem da Apple, pontos de coleta e telefone de informações, visite www.apple.com/br/environment.

Apple and the environment

At Apple, we recognize our responsibility to minimize the environmental impacts of our operations and products. For more information, go to www.apple.com/environment.

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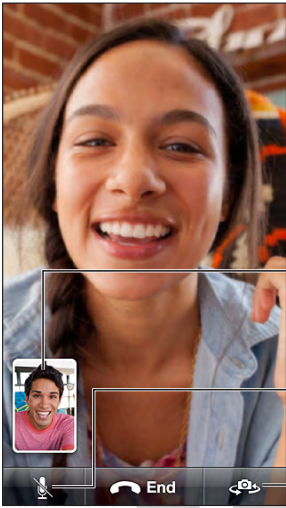
FaceTime

34



At a glance

Use FaceTime to make video or audio calls to other iOS devices or computers that support FaceTime. The FaceTime camera lets you talk face-to-face; switch to the rear camera (not available on all models) to share what you see around you.



Drag your image to any corner.

Mute (you can hear and see; the caller can see but not hear).

Switch to the rear camera (available on some models).

With a Wi-Fi connection and an Apple ID, you can make and receive FaceTime calls (you might be prompted to sign in using your Apple ID, or create a new account).

Note: FaceTime may not be available in all areas.

Get your FaceTime

Make a FaceTime call. Tap FaceTime, then Contacts, and choose a name. Tap <camera icon> to make a video FaceTime call or <receiver icon> to make an audio FaceTime call. If you don't see the FaceTime button, make sure FaceTime is turned on in Settings > FaceTime. For FaceTime calls, your phone number is displayed even if caller ID is turned off.

FPO

Get a FaceTime call. When someone uses FaceTime to call you, you can Answer, Decline, or choose another option. Tap “Remind me later” to set a time or circumstance for a reminder (for example, “When I get to work”). Tap “Respond with text” to send the caller a text message from a list of responses or one you type yourself (for example, “I’ll call you later”).

Call again? Tap Recents, then choose a name or number.

Use your voice to start the call. Press and hold the Home button until Siri (or Voice Control) appears and you hear a beep. Then say “FaceTime,” followed by the name of the person you want to call.

See the whole gang. Rotate iPhone to use FaceTime in either landscape or portrait orientation. To avoid unwanted orientation changes, lock iPhone in portrait orientation. See [Change orientation](#) on page 21.

Take advantage of Favorites. Tap Favorites. To add a favorite, Tap **+**, then choose a contact and add to Favorites as FaceTime Audio or FaceTime. To call a favorite, tap a name in the list.

Manage calls

Multi-task during a call. Press the Home button, then tap an app icon. You can still talk with your friend, but you can’t see each other. To return to the video, tap the green bar at the top of the screen.

Manage those calls. Keep in mind that FaceTime calls are not forwarded. If another call comes in when you’re on a FaceTime video call, you can either end the Facetime call and answer the incoming call, or decline the incoming call.

Add a contact. Tap Contacts, tap **+**, then enter the person’s name and the email address or phone number that they use for FaceTime. For a contact outside your region, be sure to enter the complete number, including country code and area code.

Set options for FaceTime. Go to Settings > FaceTime. Options include specifying a phone number, Apple ID, or email address to use with FaceTime, setting your caller ID, and blocking unwanted callers.