

VoiceOver Instructions

TIP: Turn ON/OFF with Siri if you ever get stuck!

When VoiceOver is on, it'll speak everything aloud that is on the screen.

USING 1 FINGER:

- To select an item, tap ONCE with 1 FINGER.
- To navigate around, you can drag your finger on the screen and listen to items that you pass over be read aloud.
- To activate the selected item, DOUBLE-TAP with 1 FINGER.
- To read the item to the left of your current item, flick your finger to the left on the screen.
- To read the item to your right, flick to the right on the screen.
- To go to the control center, slide 1 FINGER down from the top edge of screen until you feel a vibration...then lift your finger.
- To go to the notification center, slide 1 FINGER down from the top edge of the screen till you've felt two vibrations, then lift your finger.
- To navigate to the previous item using the current rotor function, flick up.
- To navigate to the next item using the current rotor function, flick down.

USING 2 FINGERS:

- To read the page starting at the top, swipe UP with 2 FINGERS
- To read from the selected item, swipe DOWN with 2 FINGERS
- To stop the voice from speaking, tap screen ONCE with 2 FINGERS. Re-continue, by tapping again ONCE with 2 FINGERS.
- The Magic Tap is when you DOUBLE TAP with 2 FINGERS. Use this motion to turn music on/off, answer an incoming phone call, and start or end dictation while in a text field.

USING 3 FINGERS:

- To know where you are on the screen, tap ONCE with 3 FINGERS.
- To scroll a page, swipe with 3 FINGERS opposite to the direction you want to go. For example, to scroll down on a webpage, you swipe with 3 FINGERS upwards on your screen. To go to your second page of apps, swipe with 3 FINGERS from right to left.
- To turn speech ON/OFF, DOUBLE-TAP using 3 FINGERS.
- To turn screen curtain, which makes the screen black, ON/OFF, TRIPLE-TAP using 3 FINGERS.

The VoiceOver Keyboard:

Your keyboard will automatically require you to double tap to select keys when typing when VoiceOver is enabled. For this reason, it's easiest to use voice dictation. This can be done by hitting the microphone icon called dictation that is on the keyboard to the left of the spacebar. If icon is greyed out, go to Settings > General > Keyboard > Enable Dictation. If you still prefer to type and have knowledge of the keyboard, one way to make it easier is by changing your setting to Touch Typing in Settings > Accessibility > VoiceOver > Typing > Typing Style > Touch Typing.

If your iPhone has a home button:

- To use Siri, hold down the home button to have it start listening. You can ask Siri to open things, turn off things, etc. This can be used to turn off voiceover. Say to Siri, "Turn voiceover off/on."
- To switch between apps, double tap the home button and flick your finger left or right to move through your open apps.
- To close your apps, double tap the home button. Then select the app you want. Double tap but hold on the second tap, and swipe up without releasing. Alternately, you can tap on the app you want to close and swipe up with your three fingers.

If your iPhone does NOT have a home button:

- To go to the home page, slide 1 finger up from the bottom edge of the screen until you feel the first vibration, then lift your finger.
- To use Siri, hold down the right side button. Once you hear a ping, you can begin speaking. You can ask Siri to open things, turn off things, etc. This can be used to turn off or on voiceover. Say to Siri, “Turn voiceover off/on.”
- To switch between apps, swipe up from the bottom of your screen until you feel two vibrations. Then flick your finger to move through your open apps. Double tap to select an app to switch to.
- To close your apps, swipe up from the bottom of your screen until you feel two vibrations. Then select the app you want. Double tap but hold on the second tap, and swipe up without releasing. Alternately, you can tap on the app you want to close and swipe up with your three fingers to close the app.

In VoiceOver settings, you can enable or disable various features such as...

- **Speak Hints:** tells you your options with VoiceOver when no action is taken after some amount of time. Change in Settings > Accessibility > VoiceOver > Verbosity.
- **Always Speak Notifications:** notifications read aloud as they come. Change in Settings > Accessibility > VoiceOver > Verbosity.
- **Double Tap Timeout:** If you struggle to double tap the screen fast enough, you can increase the length of time allowed between taps.
- **Speaking Rate:** To raise and lower, tap the speaking rate bar and swipe up and down with 1 finger. You can also do so with the rotor.

The Rotor

The rotor provides many different options for navigating by simply flicking up or down with 1 finger on your screen. Although it is the hardest part of learning VoiceOver, mastery of the rotor can also make using VoiceOver much easier and faster.

Pretend you have an invisible circular dial that can be turned on your iPhone screen. Each of the ticks on the dial represents a different action that can take place, depending on where you are in your iPhone. To turn the dial you use two fingers and place them on the screen separate, as if there is a knob that can be turned by twisting your fingers clockwise or counterclockwise.

An example of options the rotor would show while you are editing text are: Speaking Rate, Characters, Words, Misspelled Words, Edit, Typing Mode, Headings, and Containers. In order to navigate with or perform an action using our rotor function, you must flick up or down with 1 finger. In the case of our example, choosing Speaking Rate with the rotor allows you to increase or decrease the rate of speech by flicking upwards or downwards with 1 finger, respectively. If you were to turn the rotor to Misspelled Words while writing an email, you could flick up and down through your message to determine whether or not any words in that message were misspelled.

The following define the different methods for rotor navigation:

Review text as you type by:

- **Characters:** Reads one character at a time.
- **Words:** Reads one word at a time.
- **Lines:** Reads one line at a time.

Move through the organization of a page or screen by:

- **Containers:** Moves from one onscreen container to the next. The Dock and Home screen, for example, are containers.
- **Headings:** Moves from one heading to the next. Try using this rotor in Settings > Mail, Contacts, Calendars.
- **Landmarks:** Moves between banners, navigation, and buttons in HTML content (such as a webpage or HTML email).
- **Same Item:** Moves from one item to the next item of the same kind. Try this with the links in the results of a Safari web search.
- **Vertical Navigation:** Moves up or down with one-finger vertical flicks. Try this on the Home screen.
- **Static Text:** Moves from one line of static HTML text to the next. Static text is the main text on the page—not links or button names, for example.

Move from link to link:

- **Links:** Moves from one link to the next.
- **Visited Links:** Moves from one link to the next, but only those that you've already clicked.
- **Non-visited Links:** Moves from one link to the next, but only those that you haven't clicked yet.
- **In-Page Links:** Moves from one in-page link to the next on a webpage.

And move through a page by:

- **Tables:** Moves the VO cursor to the start of a table on a webpage.
- **Lists:** Moves the VO cursor to start of list on a webpage.
- **Buttons:** Moves from one button to the next in HTML content.
- **Form Controls:** Moves between buttons and menus when using a form.
- **Text Fields:** Moves from one text field to the next in HTML content.
- **Search Fields:** Moves from one search field to the next in HTML content.
- **Images:** Moves to images.