# deque

# Quick Reference Guide: VoiceOver for iOS
*Recommended browser: Safari*

## ↻ ↯ The Rotor

The Rotor allows the user to choose from a list of navigation options, including Containers, Headings, Landmarks, Same item, Vertical Navigation, Static text, Links, Tables, Lists, Buttons, Form Controls, Text fields, Search Fields, and Images.*

Twist two fingers in a circle to choose a setting on the rotor. Left and Right swipes go to the next element on the page, Up and Down swipes go the next element of type selected in the rotor.

## The Basics

| Task | Command |
|------|---------|
| Turn VO on/off | (When setting is enabled) Triple-press home button or side button (iPhone X +) |
| Pause/restart reading | Two-finger tap |
| Start reading continuously from this point on | Two-finger swipe down |
| Read entire page | Two-finger swipe up |
| Read next item | Swipe right |
| Activate link or button | Double-tap |
| Close popup, cancel last action | Two-finger scrub |
| Go to next heading | Rotor, swipe down |
| Go to next landmark/region | Rotor, swipe down |
| Choose from a complete list of items on page | Two-finger triple-tap |
| Go to next table | Rotor, swipe down |
| Navigate table cells | Swipe up, down, left or right |
| Go to next list | Rotor, swipe down |
| Go to next list item | Swipe right |
| Go to next image | Rotor, swipe right |
| Go to next link | Rotor, swipe down |
| Go to first (last) item on page | 4-finger tap upper (lower) half of screen |
| Scroll (vertically or horizontally) | 3-finger swipe up, down, left, or right |
| Go back to previous heading, landmark, table, focusable item, etc. | Swipe up |

## Reading Text

| Task | Command |
|------|---------|
| Say prior line | Rotor, swipe up |
| Say next line | Rotor, swipe down |
| Say from current | Two-finger swipe down |
| Say prior character | Rotor, swipe up |
| Say next character | Rotor, swipe down |
| Say character phonetically | Settings > VO > Phonetic feedback |
| Say prior word | Rotor, swipe up |
| Say next word | Rotor, swipe down |
| Toggle speech on/off (good for braille use) | Three-finger double-tap** |

## Forms

| Task | Command |
|------|---------|
| Next form | Rotor, swipe down |
| Next focusable item | Swipe right |
| Next button | Rotor, swipe down |
| Select and deselect checkboxes | Double-tap |
| Next checkbox | Rotor (Same item or form controls), swipe down |
| Open combo box | Double-tap |
| Browse combo box | Drag finger to hear options |
| Select combo box options | Double-tap desired option(s) |
| Next combo box | Rotor (Same item or form controls), swipe down. |
| Toggle radio button selection | Double-tap |
| Next radio button | Rotor (Form controls or same item), swipe down |

## Text Editing

| Task | Command |
|------|---------|
| Select/deselect text | Pinch out/in |
| Copy the last spoken text to the clipboard | Three-finger quadruple-tap |
| Change case | Three-finger swipe up/down*** |
| Insert space | Two-finger swipe right*** |
| Backspace | Two-finger swipe left*** |
| Write with finger | Rotor Handwriting |

## Tables

| Task | Command |
|------|---------|
| Go to next table | Rotor, swipe down |
| Cell to right | Swipe right |
| Cell to left | Swipe left |
| Cell below | Swipe down |
| Cell above | Swipe up |

## Other Commands

| Task | Command |
|------|---------|
| Gesture help | 4-finger double-tap |
| Help with current element. | Rotor (Hints) swipe up/down to enable hints |
| Toggle screen curtain on/off (VO works but screen is off) | Three-finger triple-tap |
| Split tap quick-activation | Select and hold with one finger, tap with another |
| Double-press button | Triple-tap |
| Speak words/characters typed | Settings > General > VoiceOver > Typing Feedback |
| Scroll to top | Double-tap clock in status bar |
| Access control center (Notifications) | Bring focus to status bar, 3-finger swipe up (down) |
| Next/previous app | 4-finger swipe right/left |
| Drag mode | Tap twice and hold |

*The settings for what appears in the rotor are highly customizable. If an option you want is not appearing, navigate to Settings > General > Accessibility > Voiceover > Rotor to enable it.

**When Zoom is on, 3-finger double-tap zooms, and 3-finger double-tap and drag changes zoom.

***This gesture only works in handwriting mode, not in typing mode.

Full list of commands: http://tinyurl.com/commands-voiceover-ios