

iOS VO Gestures

1 Finger Gestures

Gesture	Action
Touch or move around the screen	Speaks and select the item under your finger
Tap 2 times fast	Activate the selected item. (open app, press button)
Tap 2 times and hold	Activates "drag-mode" (move icons, swipe-delete)
Tap 3 times fast	Double presses a button (see tip below)
Swipe left or right	Selects the previous or next item
Swipe up or down	Preforms or move to the selected rotor option

Note: Tap 2 times on the clock in status bar to scroll to top in any app.

2 Finger Gestures

Gesture	Action
Hold 1 finger & tap with another	Select when dragging, activate with tap (aka split-

Gesture	Action
	tap)
Tap once	Pause/resume speech
Tap 2 times fast	Preforms special action
Tap 2 times and hold	Add label to selected item
Tap 3 times	Open Item Chooser for current area
Swipe up	Read all from first object in selected area
Swipe down	Read all from selected item
Scrub back and forth	Go back, cancel, close pop-up
Pinch out/in	Select/deselect
Hold and twist left or right	Select the next or previous rotor item

Note: You can use the scrub gesture to split/merge keyboard when it's selected

3 Finger Gestures

Gesture	Action
Tap once	Speaks the current page number and position
Tap 2 times fast	Toggle speech on/off (good for braille use)

Gesture	Action
Tap 3 times fast	Toggle screen curtain on/off (VO works but screen is off)
Swipe left or right	Move to previous or next horizontal screen/page
Swipe up or down	Move/scroll down or up (like moving a paper)

Note: To open notification center select the status bar and swipe 3 fingers down. Also 3 fingers up/down works for pulling down to refresh in many apps. (but can be a problem in some. (like Facebook side bar)

4 and 5 Finger Gestures

Gesture	Action
Tap the upper half with 4 fingers	Select the first item in the area
Tap the lower half with 4 fingers	Select the last item in the area
Swipe left or right	When in an app, switch to next or previous app
Swipe up or down	Open or close multitask pane
Pinch in	Go to home screen

iOS VO Keyboard shortcut commands

The Alt key is also known as Option or Alternative

VoiceOver VO keys = Control + Alt

On a windows keyboard the windows key = Cmd key

Apple keyboard layout from Space to outside: Command Alt Control then only on left side, Function

General navigation

Keys	Action
VO + left or right	Select previous or next item
VO + up or down	Preforms or move to the selected rotor option
VO + Space	Activate the selected item. (open app, press button)
VO + H	Go to home screen
VO + H 2 times	Open/close multitask pane
Escape	Go back, cancel, close pop-up

Keys	Action
Cmd + Tab	Switch to next app or hold Shift for previous
VO + A	Read all from first object in selected area
VO + B	Read all from selected item
VO + M	Move to status bar
VO + I	Open Item Chooser for current area
VO + F	Search and go to match with Enter
VO + G	Next search match, hold Shift for previous

Handling VoiceOver

Keys	Action
Control	Pause/resume speech
VO + S	Toggle speech off/on
VO + Shift + S	Toggle Screen Curtain on/off
VO + Cmd + up or down	Adjust the selected speech rotor option
VO + Cmd + left or right	Change the speech rotor setting
VO + /	Add label to selected item
VO + K	Start VoiceOver training, Escape to exit

Quick Nav Commands

Turn on "Quick Nav" to use these commands by pressing **left** + **right**

Keys	Action
up + down	Activate the selected item. (open app, press button)
left or right	Selects the previous or next item
up or down	Preforms or move to the selected rotor option
up + left or right	Change to next or previous rotor setting
Alt + left or right	Move to next or previous horizontal screen/page
Alt + up or down	Move/scroll up or down the screen/page
Control + up or down	Select the first or last item in the area
Control + left or right	Go to next or previous container/area

Safari Web Shortcuts

Hold **Shift** for previous

Keys	Action
------	--------

Keys	Action
H	Next heading
1 to 6	Next respective heading level 1-6
L	Next link
S	Next text element
W	Next landmark
R	Next text field
X	Next list
T	Next table
M	Next element of same type
I	Next image
B	Next button
C	Next form element

Text Field Commands

You must have "Quick Nav" off to use these commands.

When moving cursor, hold **Shift** to select/deselect text

Keys	Action
left or right	Move cursor by character
up or down	Move cursor by row
Alt + left or right	Move cursor by word

Keys	Action
Control or Cmd + left or right	Move cursor by phrase
Cmd + A	Select all
Cmd + C	Copy selection
Cmd + X	Cut selection
Cmd + V	Paste
Cmd + Z	Undo. Note: you can also shake the device
Cmd + Shift + Z	Redo. Note: you can also shake the device
Eject	Show/hide screen keyboard

Other Keyboard Action

Keys	Action
VO + -	Performs special action
Cmd + Space	Change language keyboard layout
F1	Decrease screen brightness
F2	Increase screen brightness
F7	Previous song
F8	Pause/resume song
F9	Next song
F10	Mute sound
F11	Decrease volume

Keys	Action
F12	Increase volume

iOS VO Braille shortcut commands

In 6-dot Braille a Braille cell contains 2 columns with 3 dots in each. They are numbered with the first being at the top of the left column with dot 2 and 3 under it, dot 4 is on the top of the right column followed by 5 and 6 under it. In 8-dot Braille dot 7 is under dot 3 and 8 under dot 6.

When inputting Braille, space bar is usually in the middle and to the left are dot 1, 2, 3 and to the right 4, 5 and 6.

All of the commands below must be followed by pressing Space.

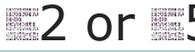
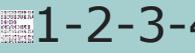
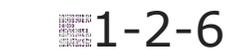
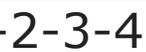
Tip: You can unlock the device with  Dots 1-4

General

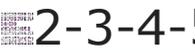
Dots/Chord	Action
------------	--------

Dots/Chord	Action
 1 or  4	Select previous or next item
 3 or  6	Preforms or move to the selected rotor option
 2-3 or  5-6	Change to next or previous rotor setting
 3-6	Activate the selected item. (open app, press button)
 1-2-5	Go to H ome screen
 1-3-5	Move screen/page to the right
 2-4-6	Move screen/page to the left
 1-4-5-6	Move screen/page down
 1-2	Go B ack, cancel, close pop-up
 1-2-5 2 times	Open/close multitask pane
 1-2-3	Select the first item in the area
 4-5-6	Select the last item in the area
 2-4-5-6	Read all from first object in selected area
 1-2-3-5	R ead all from selected object
 2-3-4	Move to S tatus bar
 3-4	Speaks the current page number and position

Handling Braille and VO

Dots/Chord	Action
 2 or 5	Pan braille left or right
 1-2-3-4	<u>P</u> ause/Resume speech
 1-3-4	<u>M</u> ute/Unmute speech
 All 6	Toggle Screen Curtain on/off
 2-3-6	Switch between 6 and 8 dot braille
 1-2-4-5	Toggle Contracted braille on/off
 1-2-6	Volume up on device
 3-4-5	Volume down on device
 1-2-3-4-6	Add label to selected item
 1-3-4-5	Toggle announce history,  Dot 1 or  4 to browse
 1-3	Start VoiceOver training,  Dots 1-2 to exit

Input/Edit text

Dots/Chord	Action
 2-3-4-5	<u>T</u> ab key
 1-5	<u>E</u> nter key
 1-4-5	<u>D</u> elete/backspace key
 2-5-6	Select text
 2-3-5	Deselect text

Dots/Chord	Action
 2-3-5-6	Select all
 1-4	<u>C</u> opy selection
 1-3-4-6	Cut selection
 1-2-3-6	Paste
 1-3-5-6	Undo
 2-3-4-6	Redo
 1-4-6	Show/Hide screen keyboard