

# Apple First-Level VoiceOver Commands

Press Control-Option with the designated key

Cancel mode esc	Application summary F1**	Window summary F2**	VoiceOver cursor F3	Keyboard focus F4	Mouse focus F5**	Selection description F6	VoiceOver menu F7	VoiceOver Utility F8	F9	Tile visuals F10	Hide/Show visuals F11	F12	▲
Move window ~	Go to Bookmark 1	Jump to hot spot 2	Jump to hot spot 3	Jump to hot spot 4	Jump to hot spot 5	Jump to hot spot 6	Jump to hot spot 7	Jump to hot spot 8	Jump to hot spot 9	Jump to hot spot 0	-	=	delete
Ignore next command tab	Q	Read word W**	E	Read row in table R	Text attributes T	Y	List links on page U	Item list I	O	Read paragraph P	Back in VO history [	Forward in VO history ]	Open/Close disclosure triangle \
caps lock	Read contents of VO cursor A	Read sentence S	Dock D	Find text F	G	Item help H**	Jump to linked item J	Keyboard help K	Read line L	Control-Option lock ;	,	return	
shift	Repeat last output Z	X	Read character C**	Verbosity mode* V	B	N	Menu bar M**	,	.	/	shift		
fn	ctrl	option	Apple ⌘	Perform the default action for the selected item				Apple ⌘	enter	Previous line page ▲	Previous word ◀ home	Next line page ▼	Next word end ▶

■ VoiceOver Activation keys   
 ■ Settings and Visuals   
 ■ Orientation and Help   
 ■ Navigation   
 ■ Operation keys   
 ■ Interaction   
 ■ Text and Reading

\*Press Control-Option-V, then the Left Arrow or Right Arrow to choose a setting: typing echo, punctuation, text attributes, capitals, deleted characters, numbers, links, and table headers. Then press the Up Arrow or Down Arrow to change the setting. Press Escape to leave Verbosity mode.

\*\* You can press some keys two or three times to hear more information. Press F1, F2, and H twice to hear the Application, Window, and Commands menus. Press F5 two or three times to hear the mouse location in different ways. Press C twice to hear the phonetic character. Press W twice to spell a word and three times to spell it phonetically. Press M twice to go to status menus in the menu bar and three times to go to the Spotlight menu.

Home and End move the VoiceOver cursor to the top or bottom of what's visible in the VoiceOver cursor, or to the first or last visible word in text. Page Up and Page Down read the previous and next sentence. On portable computers, press Fn with the arrow keys for Home, End, Page Up, and Page Down.

# Apple Second-Level VoiceOver Commands

Press Control-Option-Shift with the designated key

esc	F1	Move window to front F2	Cursor tracking on/off F3	Move VO to keyboard F4	Move VO to mouse F5	F6	F7	F8	Resize or move Braille panel F9*	Resize or move caption panel F10*	Screen curtain F11	F12	▲
Resize window ~	Set Bookmark 1	Set hot spot 2	Set hot spot 3	Set hot spot 4	Set hot spot 5	Set hot spot 6	Set hot spot 7	Set hot spot 8	Set hot spot 9	Set hot spot 0	-	=	delete
tab	Q	Read visible window W	E	R	T	Y	Hear a link's URL U	I	O	P	Shrink VO cursor {	Magnify VO cursor }	Sort column 
caps lock	A	Scrolling S	Desktop D	F	Find previous searched text G*	Read column header H	Jump in tables and text J**	K	L	;	,	return	
shift		Save to file Z	X	Copy last phrase to clipboard C	V	B	N	Shortcut menu M	,	.	VoiceOver Help ?	shift	
fn	ctrl	option	⌘	Mouse click (press twice for double-click)				⌘	enter	Previous character ◀ home	Stop interacting page ▲	Start interacting page ▼	Next character end ▶

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\*Use this command in tables, text, Mail, iChat, and iTunes. Press this command again to choose move or resize, then press arrow keys to change the location or size of the Braille panel. Press Shift with the arrow keys for smaller increments.

\*\*In tables and text, iChat, Mail, and iTunes, press this command, then press arrow keys to move to the visible edge of the area. Press Shift with the arrow keys to move to the extreme edge of the area.

Home and End move the VoiceOver cursor to the top or bottom of the item in the VoiceOver cursor, scrolling if necessary. Page Up and Page Down read the next and previous paragraph. On portable computers, press Fn with the arrow keys for Home, End, Page Up, and Page Down.

# Apple Third-Level VoiceOver Commands

Press Control-Option-Command with the designated key

esc	F1	Close window F2	F3	Move keyboard to VO cursor F4	Move mouse to VO cursor F5	F6	F7	VoiceOver Quick Start F8	Hide/show Braille panel F9	Hide/show caption panel F10	F11	F12	⬆
`	1	Describe hot spot 2	Describe hot spot 3	Describe hot spot 4	Describe hot spot 5	Describe hot spot 6	Describe hot spot 7	Describe hot spot 8	Describe hot spot 9	Describe hot spot 0	-	=	delete
tab	Find next blockquote Q	W	E	R	Find next table T*	Y	Find next underlined text U*	Find next italic text I*	Find next font change O*	Find next plain text P*	Decrease Braille/caption panel font size [	Increase Braille/caption panel font size ]	Jump back to parent folder \ 
caps lock	A	Find next item of same type S*	D	Find next frame in HTML F*	Find next graphic G*	Find next heading H	Find next control J*	Find next color K*	Find next hyperlink L*	;	,	return	
shift	Z	X	Find next text C*	Find next visited link V	Find next bold text B*	Find next different element N*	Find next heading of same level M*	,	.	/	shift		
fn	ctrl	option	⌘	Multiple selection				⌘	enter	Increase page ▲	Decrease page ▼	Next** end ▶	

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\*Press Shift with this command to move to the previous occurrence.

\*\*Press Control-Option-Command-Right Arrow or Control-Option-Command-Left Arrow to select speech rate, pitch, volume, or intonation. Then press the Up Arrow or Down Arrow to increase or decrease the setting.

Home moves the VoiceOver cursor to the top-left corner of the window. End moves it to the bottom-right corner of the window. On portable computers, press Fn with the arrow keys for Home, End, Page Up, and Page Down.