

VoiceOver Basics

VoiceOver runs at the MacOS system level, so it can be used with any application or web browser. VoiceOver works best with Safari for website/web app testing.

Enable Full Keyboard Access on Macs

Before testing with VoiceOver, you need to ensure these two settings are active:

- **System Settings:** Keyboard > Shortcuts > Full Keyboard Access > All controls
- **Safari Settings:** Advanced > Accessibility > Press Tab to highlight each item on a webpage.

VoiceOver Activation Keys

The default VoiceOver (VO) activation/modifier keys are **control** + **option**. These keys are pressed together with another key(s) to navigate and interact with the computer using VoiceOver. Example notation is: **VO + H** (opens VoiceOver Help Menu). VoiceOver modifier keys can be locked so they don't need to be pressed each time by activating **VO + ;**.

Essential VoiceOver Commands

Action	Command
Turn VoiceOver on or off	command + F5
Read next item	VO + Right Arrow
Read previous item	VO + Left Arrow
Perform the default action for the item in the VoiceOver cursor (click links, buttons, take the action of the control in focus)	VO + Space bar

Basic VoiceOver Commands

Action	Command
Turn VoiceOver on or off	command + F5
Interact with an item (enter a webpage)	VO + Shift + Down Arrow
Stop interacting with an item	VO + Shift + Up Arrow
Start reading (will read until end of document)	VO + A
Stop reading	control
Read next item	VO + Right Arrow
Read previous item	VO + Left Arrow
Perform the default action for the item in the VoiceOver cursor (click links, buttons, take the action of the control in focus)	VO + Space bar
Open the VoiceOver Rotor	VO + U

Additional Resources

- [Apple VoiceOver Commands and Gestures](#)
- [Apple Accessibility: VoiceOver Getting Started Guide](#)
- [WebAIM: Using VoiceOver to Evaluate Web Accessibility](#)
- [Deque University: VoiceOver Keyboard Shortcuts on a Mac](#)