Activate VoiceOver

To activate VoiceOver you can:

1. Press Command + F5 keys to toggle VoiceOver on and off.
2. VoiceOver can be toggled on and off from the **Systems Preferences** panel in the **Accessibility** settings

Basic Commands

Note: The sequence of **Control + Option** (Mac keyboard) or **Control + Alt** (PC keyboard) is called the VoiceOver or "VO" key in other documentation.

Begin / Pause Reading

Function	KeyBoard Command
Enter Web Page	**Control + Option + Down Arrow**
Exit Page	**Control + Option + Up Arrow**
Read All	**Control + Option + A**
Pause VoiceOver	**Control**
Safari Address Bar	**Command + L**
Previous Page in Safari	**Command + Left Arrow**
Next Page	**Command + Right Arrow**
Brower Menu	**Command + Option + M**
Access "Right Click" Menu options	**Shift + Command + Option + M**
Enter/Exit VoiceOver	**Command + F5**
Lock (or unlock) VO Keys	**Control + Option + ;**

Rotor Window

The "rotor" is a menu window in VoiceOver which presents lists of Web elements such as headings, links, images and other Web elements. It can be configured to add or remove Web page elements as well.

Open and Browse Rotor

Rotor Commands

Function	KeyBoard Command
Open Rotor	**Control + Option + U**
Close Rotor	**Escape**
Next Window	**Right Arrow**
Previous Window	**Left Arrow**
One List Item Down	**Down Arrow**
One List Item Up	**Up Arrow**
Go to Item	**Enter or Return**
Read After Item	**Control + Option + A**

Configure Rotor Options

The rotor can be configured to display or disable different Web page elements. This is done in the VoiceOver Utility settings in the System Preferences. To open the VoiceOver Utility

1. Open VoiceOver **(Command + F5)**.
2. Open the **VoiceOver Utility** by pressing **Control + Option + F8**.
3. Look for the rotor settings options under the Web tab.
   Note: The location varies depending on the operating system version.
4. Check or uncheck the Web page elements as desired elements.
5. Use arrow key commands to reorder elements into an appropriate sequence order.

VoiceOver Speech

Control + Option + Command + Left Arrow / Right Arrow : Select speech setting option (speaking rate, voice, pitch, etc.). Use **Control + Option + Command + Up Arrow / Down Arrow** to modify the selected speech setting

Navigate to Page Elements

You can navigate different Web elements without using the rotor with the keyboard commands below.

Navigating to Different Elements

Function	KeyBoard Command
Read Next Heading	**Control + Option + Command + H**
Next Link	**Control + Option + Command + L**
Next Visited Link	**Control + Option + Command + V**
Next Italicised Text	**Control + Option + Command + I**
Next Form Control	**Control + Option + Command + J**
Next Frame	**Control + Option + Command + M**
Next List	**Control + Option + Command + X**
Next Table	**Control + Option + Command + T**
Next Graphic	**Control + Option + Command + G**
Activate a link or form control	**Control + Option + Space Bar**

Navigate to Previous

To navigate to previous heading, link, image and so forth, add the Shift key to the command for the "Next" option.

For instance, if **Next Heading** is **Control + Option + Command + H**, then **Previous Heading** is **Shift + Control + Option + Command + H**

Reading Text in Detail

These commands allow the user to specify exactly what type of content VoiceOver should read.

Keystrokes for Reading Text

Function	KeyBoard Command
Read Paragraph	**Control + Option + P**
Read Sentence	**Control + Option + S**
Read Line	**Control + Option + L**
Previous Line	**Control + Option + Up Arrow**
Next Line	**Control + Option + Down Arrow**
Read Word *(press W multiple times to spell words alphabetically and phonetically)*	**Control + Option + W**
Previous Word	**Control + Option + Left Arrow**
Next Word	**Control + Option + Right Arrow**
Read Character	**Control + Option + C**
Previous Character	**Control + Option + Shift + Left Arrow**
Next Character	**Control + Option + Shift + Right Arrow**
Read Row in Table	**Control + Option + R**
Read Column in Table	**Control + Option + Shift + C**
Read Visible Window	**Control + Option + Shift + W**
Read from top to current location	**Control + Option + B**

ARIA Landmarks

VoiceOver users can navigate a page via Aria Landmarks by choosing **Landmarks** in the Rotor.

Keystrokes for ARIA Landmarks

Function	KeyBoard Command
Start the web rotor	**Control + Alt + U**
Navigate to the list of landmarks	**Left / Right Arrow**
Navigate through the list of landmarks	**Up / Down Arrow**

Reading Tables

Keystrokes for Tables

Function	KeyBoard Command
One Cell Forward (Begin Table)	**Control + Option + Right Arrow**
One Cell Backwards	**Control + Option + Left Arrow**
One Cell Down	**Control + Option + Down Arrow**
One Cell Up	**Control + Option + Up Arrow**
Read Row in Table	**Control + Option + R**
Read Column Header	**Control + Option + C**
Read Column in Table	**Control + Option + Shift + C**