Using a Braille Display with VoiceOver

You can use a refreshable Bluetooth braille display with VoiceOver for braille output. In addition, braille displays with input keys can be used with VoiceOver to control the iDevice. For a list of supported braille displays, see www.apple.com/accessibility/voiceover/devicesupport.

To set up a braille display:

* Turn on the Braille display or input device,
* In the iDevice go to Settings > General > Bluetooth and turn on Bluetooth.
* Then go to Settings > General > Accessibility > VoiceOver > Braille and choose the display.

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# Braille input commands

When using a Braille input device with VoiceOver using iOS 4.1 or later, you can use the following key commands, or chords, to navigate. (For iPad, iPhone 3Gs and later, iPod Touch 3rd generation)

## VoiceOver Action Braille Device Keys

|  |  |
| --- | --- |
| Move to previous item | Joystick Left |
| Move to next item | Joystick Right |
| Move to previous item using rotor setting | Joystick Up |
| Move to next item using rotor setting | Joystick Down |
| Select item under your finger | Joystick Action |
| Pan Braille to the left | Left |
| Pan Braille to the right | Right |

## VoiceOver Action Braille Command (Chord)

|  |  |
| --- | --- |
| Move to previous item | Dot 1 + Space bar |
| Move to next item | Dot 4 + Space bar |
| Move to previous item using rotor setting | Dot 3 + Space bar |
| Move to next item using rotor setting | Dot 6 + Space bar |
| Select previous rotor setting | Dot 2 + Dot 3 + Space bar |
| Select next rotor setting | Dot 5 + Dot 6 + Space bar |
| Move to the first element | Dot 1 + Dot 2 + Dot 3 + Space bar |
| Move to the last element | Dot 4 + Dot 5 + Dot 6 + Space bar |
| Read page starting at selected item | Dot 1 + Dot 2 + Dot 3 + Dot 5 + Space bar |
| Read page starting at the top | Dot 2 + Dot 4 + Dot 5 + Dot 6 + Space bar |
| Activates the Home button | Dot 1 + Dot 2 + Dot 5 + Space bar |
| Goes to the Status bar | Dot 2 + Dot 3 + Dot 4 + Space bar |
| Activates the Volume Up button | Dot 3 + Dot 4 + Dot 5 + Space bar |
| Activates the Volume Down button | Dot 1 + Dot 2 + Dot 6 + Space bar |
| Activates a Back button if present | Dot 1 + Dot 2 + Space bar |
| Activates the Eject key | Dot 3 + Dot 4 + Space bar |
| Activates the Delete key | Dot 7 + Space bar |
| Activates the Delete key | Dot 1 + Dot 4 + Dot 5 + Space bar |
| Activates the Return key | Dot 8 + Space bar |
| Activates the Return key | Dot 1 + Dot 5 + Space bar |
| Activates the Tab key | Dot 2 + Dot 3 + Dot 4 + Dot 5 + Space bar |
| Toggle Screen Curtain on and off | Dot 1 + Dot 2 + Dot 3 + Dot 4 + Dot 5 + Dot 6 + Space bar |
| Pause or Continue speech | Dot 1 + Dot 2 + Dot 3 + Dote 4 + Space bar |
| Toggle speech on and off | Dot 1 + Dot 3 + Dot 4 + Space bar |
| Scroll left one page | Dot 2 + Dot 4 + Dot 6 + Space bar |
| Scroll right one page | Dot 1 + Dot 3 + Dot 5 + Space bar |
| Deselect text | Dot 2 + Dot 3 + Dot 6 + Space bar |
| Select text | Dot 3 + Dot 5 + Dot 6 + Space bar |
| Pan Braille to the left | Dot 2 + Space bar |
| Pan Braille to the right | Dot 5 + Space bar |
| Toggle announcement history | Dot 1 + Dot 3 + Dot 4 + Dot 5 + Space bar |
| Switch between contracted and uncontracted Braille | Dot 1 + Dot 2 + Dot 4 + Dot 5 + Space bar |