easterseals Crossroads

iOS Built-in Accessibility Guide for Mobility

Apple's built-in accessibility features are designed to make their devices accessible for people with physical and motor disabilities. These features allow users to customize their devices to suit their specific needs, such as using a switch control to navigate their device or using head tracking to control a pointer on their screen. Apple's commitment to accessibility is evident in the range of features available on their devices. Below are a list of Apple's physical and motor accessibility tools and features you can try out on your own devices.

Voice Control

Voice Control helps you navigate your device using just your voice. Commands like click, swipe and tap help you interact with your favorite apps easily. You can also precisely select, drag and zoom by showing numbers or a grid on the screen. Voice Control offers a spelling mode that allows you to dictate names, addresses and custom spellings letter by letter, making writing and editing more efficient.

Switch Control

Switch Control lets you control your device using adaptive switch hardware, wireless game controllers or simple sounds. If you have motor limitations, you can use item scanning, point scanning and manual selection to navigate through on-screen keyboards, menus and the Dock in a sequential manner. It's an efficient way to use your device if you have physical limitations.

Assistive Touch

AssistiveTouch for iOS and iPadOS helps you customize your touchscreen to fit your physical needs. If some gestures, like pinch or two-finger tap, are difficult for you, you can swap them with other gestures that work better or create your own custom touch.

Alternative Input

Alternative Input helps you to control your device with a single gesture. Head Tracking uses your device camera to track your head movements and control a pointer on your screen. It also tracks your facial movements to perform actions.

Back Tap

Back Tap is a simple shortcut that lets you double-tap or triple-tap the back of your iPhone to perform custom tasks, like opening your favorite app or taking a screenshot. You can choose from more than 20 different actions or create your own shortcuts to make your daily tasks easier.

Siri

Siri can help you with daily tasks like finding files, setting reminders and turning accessibility features on or off. Create a custom shortcut and run it by saying "Hey Siri," then the name of the shortcut you created. Siri is always ready to help, no matter what Apple product you're using.

indata project
eastersealstech.com

easterseals Crossroads

Touch Accomodations

Touch Accommodations let you customize how your device responds to your touch. You can adjust how long you touch before it's recognized or whether repeat touches are ignored. This way, you can put your finger down anywhere on the screen and move to the item you want to select without accidentally selecting something else.

Hardware Support

Hardware Support: Create custom shortcuts for commonly used words or phrases that your iPhone, iPad and Mac will type for you. **Slow Keys** allow you to adjust the amount of time between when you press a key and when it's activated, so you can be sure you're typing the right keystrokes. **Sticky Keys** let you enter key combinations sequentially, while **Mouse Keys** allow you to control your pointer with a numeric keypad. These features make it easier to type and control your device if you have physical limitations.

Predictive Text

Predictive Text can help you avoid typing by suggesting words and finishing sentences for you. It adjusts its suggestions based on who you're talking to and what you've typed before. You can tap on the suggested word to select it, which makes typing faster and easier.

Dictation

Dictation allows you to speak instead of type. You can easily dictate an email, notes or web address by tapping the microphone button on the on-screen keyboard or turning on Dictation through Accessibility settings. Your device will convert your speech into text, and you can move between voice and touch as needed. Dictation also adds punctuation to your text automatically, making it easy to use.