Mouse Control for iOS A New Era of Accessibility

Mada Center

During Apple's latest launch of iOS 13, the name given to the operating system used on iPhones and iPads, little was mentioned of Mouse Control. The new feature was buried amongst a slew of new upgrades that the technology manufacturer found to be more significant, despite the tremendous impact that Mouse Control would have on the lives of People with Disabilities (PWDs) to use touch screen devices.

From Apple's perspective, the introduction of Mouse Control came as part of a concerted effort to position iPads and iPhones as viable replacements for desktops and laptops; an option that has become tangible with the increase of processing power and functionality of the mobile devices. For PWDs, the integration of Mouse Control functionality came after considerable lobbying of Apple to make this feature available on their mobile devices so that people with physical disabilities can use the devices with more freedom.

Unlike Apple, Android devices have supported full mouse control functionality as a built-in feature for many years, making devices that use the Google operating system a go to choose for people with fine motor skill difficulties. By activating Mouse Support functionality through iOS Assistive Touch, Apple's centralized accessibility features button, users can connect any Bluetooth mouse to replace the need for touch as a means of navigating the device.

As with all accessibility features, they are beneficial to all, and not just to PWDs. The Mouse Support feature makes use of iPads and iPhones easier for everybody. It's no different from someone using the Magnifier to zoom in on a finely printed restaurant menu or using Type to Siri in order to quietly give commands in a messages-like environment. Accessible design is a good design that benefits everyone.

iPadOS 13: How to use a mouse with your iPad

• Open Settings, then choose Accessibility

Sett	igs	Accessibility		
General	Access	sibility hatures help you costornize your iPad for your individual needs.		
Control Center	VISION	r		
Display & Brightn	HSS 0	VoiceOver	Off	2
Accessibility		Zoom	Off	>
Wallpaper		Magnifier	Off	2
Siri & Search	M 1	Display & Text Size		>
Touch ID & Passo	ode 🔯 I	Motion		2
Battery		Spoken Content		>
Privacy	0	Audio Descriptions	Off	2
Timer & Ann Sta	PHYSI	CAL AND MOTOR		
Trunes a App Sto	· (🖸)	Touch		2
Wallet & Apple Pa	· 🛛 🛛	Switch Control	Off	>

• Next tap Touch then AssistiveTouch and toggle it on

Settings	CAccessibility Touch	
General	AssistiveTouch	< 110
Control Center	AssistiveTouch allows you to use your Part If you have th	Miculty touching the screen or if you
Display & Brightness	require an adaptive accessory.	
(1) Accessibility	Touch Accommodations	< tito
Wallpaper	If you have bouble using the touch screen, adjust the for will respond to touches.	dowing settings to change how the screen

Below tap Pointing Devices

Settings	C Touch AssistiveTour	ch
General	AssistiveTouch	
Control Center	AssistiveTouch allows you to use your iPad If you have a	Striculty touching the screen or if you
Display & Brightness	require an adaptive accessory.	
Accessibility	Customize Top Level Menu	3
Wallpaper	CUSTOM ACTIONS	
Siri & Search	Single-Tap	Open Menu
Touch ID & Passcode	Double-Tap	None 3
Battery	Long Press	None 3
Privacy	Custom actions allow you to interact directly with the A the menu.	ssistiveTouch icon without opening
iTunes & App Store	CUSTOM GESTURES	
Wallet & Apple Pay	Custom gestures allow you to record gestures that can	be activated from Custom in the Menu.
Passwords & Accounts	Idle Opacity	40% 3
Mail	<u></u>	
Contacts	Pointing Devices	

Make sure your Bluetooth mouse is turned on and is discoverable.
Tap Bluetooth Devices... to start the pairing process.

Settings	AssistiveTouch	Pointing Devices	
General	Bluetooth Devices		
Control Center			
Display & Brightness			
Accessibility			
Wallpaper			

Tap your mouse when it appears in settings.

Settings	Pointing Devices Bluetooth Device	es
G General	MX Master	
Control Center	Searching	0
Display & Brightness		
Accessibility		

Confirm the process when prompted.

Siri & Search Touch ID & Passcode	Bluetooth Pai "MX Master" woul your	ring Request d like to pair with Pad.
Battery	Cancel	Pair
Privacy		

 When Assistive Touch is turned on and a mouse is paired, your iPad will show a circular cursor like below:

Settings		• 30% •
General	MX Master	Connected
Control Center		0
Display & Brightness		
Accessibility		

• As shown above, click or tap the "i" to customize your mouse buttons.

octory.		
General	Customize Mouse Buttons	
Control Center		
🐼 Display & Brightness	Forget this Device	
Accessibility		

Now choose Customize Additional Buttons...

Settings	KMX Master	Customize Mouse Buttons
General	Customize Additi	ional Buttons
Control Center		,
M Display & Brightness		
() Accessibility		

 iPadOS will have you click the mouse button you'd like to customize, then choose your preferred shortcut.

Settings	Customize Mouse Buttons Button 4
General	None
Control Center	Single-Tap
Display & Brightness	Open Menu
Accessibility	Accessibility Shortcut
Wallpaper	Analytics
Siri & Search	App Switcher
Touch ID & Passcode	Control Center
Battery	Dock
Privacy	Double Tap
Times & Ann Chern	Home
Wallet & Apple Dec	Lock Rotation
mailer of Apple Pay	Lock Screen

 iPadOS supports multiple shortcut buttons, depending on the mouse you're using.

Settings	KMX Master	Customize Mouse Buttons	Edit
General	Customize Addit	ional Buttons	
Control Center			
M Display & Brightness	Button 3		Screenshot >
Accessibility	Button 4		Home >
Wallpaper	Button 5		App Switcher >
Siri & Search			

 Back under the main AssistiveTouch settings, you can adjust the tracking speed of your mouse from your iPad as well as opt to turn off the default

Settings	< Touch	AssistiveTouch	
General	Custom actions allow the menu.	you to interact directly with the AssistiveTouch to	on without opening
Control Center	CUSTOM GESTURES		
Oisplay & Brightness	Create New Gest	/re	3
Accessibility	Custom gestures allow	ryou to record gestures that can be activated fro	m Custom in the Menu.
Wallpaper	Idle Opacity		40% >
Siri & Search			
Touch ID & Passcode	Pointing Devices		3
Battery	Mouse Keys		2
Privacy	Cursor		>
	Show Onscreen K	eyboard	
Tunes & App Store	Always Show Mer	u	
Wallet & Apple Pay	Show the AssistiveTou	ch menu when a pointing device is connected.	-
	TRACKING SPEED		-
Passwords & Accounts	adp -		9

You can similarly follow the same steps in order to use a mouse with an iPhone with iOS 13.