






Switch Accessibility for iPad

Switch Interface	Company Website	Cost	How it Connects to iPad	How Switch Hits are communicated	Important Notes	Links to videos, resources, tutorials and reviews:
<p>Tecla Shield</p> 	<p>Komodo Open Lab http://komodoopenlab.com/tecla/</p>	<p>\$289</p> <p>Battery pack is available for additional cost of \$75</p> <p>A multiple switch adapter which allows connection of 4 more switches is available for \$50</p>	<p>Bluetooth</p>	<p>VoiceOver *built in to iOS.</p> <p>VoiceOver is turned on in your Accessibility Settings on your device.</p> <p>VoiceOver “Scans” through buttons on the iOS device – Therefore, a switch can be used to “scan” through the buttons.</p> <p>VoiceOver does not support row/column scanning through choices – so items are scanned individually.</p>	<p>Requires power via USB cable connected to computer or outlet power source.</p> <p>Can’t navigate sliding controls.</p> <p>Allows user to connect adapted switches and wheelchair controls to mobile devices, iOS and Android</p> <p>3 switches and multiple switch adapter needed for “step Scanning”</p> <p>long switch hold brings up onscreen keyboard</p>	<p>http://youtu.be/A1c6KvqgfBg</p> <p>http://youtu.be/Yz8YYCbh6A8</p> <p>http://www.janefarrall.com/blog/2012/05/29/tecla-shield-for-iphone-and-ipad-adding-greater-switch-access-to-ios/</p> <p>http://youtu.be/MxSBMuy_sJM</p> <p>http://komodoopenlab.com/2012/06/our-approach-to-ios-switch-accessibility/</p>



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RJ Cooper/Therapy Box Switch Interface 	RJ Cooper http://rjcooper.com/bluetooth-switch-interface/index.html Therapy Box: http://www.therapy-box.co.uk/	\$99	Bluetooth	For use with apps that have been designed to be switch-enabled** by the developer.	Has two switch ports. Easy to use – great for simple switch-enabled apps.	http://www.youtube.com/watch?v=INDqoopVMyo&feature=related using switch with Predictable App http://www.youtube.com/watch?v=-l-A2A3bqkRw&feature=plcp pairing your device
iPad VO Controller 	RJ Cooper http://rjcooper.com/ipad-vo-controller/	\$199	Bluetooth	VoiceOver built in to iOS VoiceOver is turned on in your Accessibility Settings on your device. VoiceOver does not support row/column scanning through choices – so items are scanned individually.	Also works with iPhone and iPod Touch Six Buttons: 1. Home 2. Right Arrow/Next 3. Left Arrow/Back 4. Select 5. On/Off Keyboard 6. Type/Move	http://youtu.be/62wZEeBYI9U NOTE: RJ's video also includes a lengthy and valuable explanation of using switches and switch interfaces with iPad and apps.



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RJ Cooper Bluetooth Superswitch for iPad 	RJ Cooper http://www.rjcooper.com/bluetooth-superswitch/index.html	\$149	Bluetooth	For use with apps that have been designed to be switch-enabled** by the developer.	Has two Switchports available so it can be used with ANY other switches. Can be used for auto or step scanning	http://www.youtube.com/watch?v=1U78j-XwA6I
Tornado 	Origin Instruments www.orin.com	STATUS UNKNOWN – IN DEVELOPMENT	Plugs in to 30-pin dock connector on iPad	VoiceOver *built in to iOS. VoiceOver is turned on in your Accessibility Settings on your device. VoiceOver does not support row/column scanning through choices – so items are scanned individually.	Allows 1 or 2 switch access	http://youtu.be/KQGu-254dyl



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Connect (formerly Keynote) 	Ablenet www.	COMING SOON	Bluetooth	VoiceOver *built in to iOS. VoiceOver is turned on in your Accessibility Settings on your device.	Wireless and wired switch access. Built-in rechargeable battery	http://youtu.be/cYCPfiAAAtQ
Blue2 	Ablenet http://www.ablenetinc.com/Assistive-Technology/iPad-iPhone-and-iPod-Accessories-Apps/Blue2%E2%84%A2-Bluetooth%C2%AE-Switch	\$149	Bluetooth	For use with apps that have been designed to be switch-enabled** by the developer. Mode 1: Page Up / Page Down Mode 2: Left Arrow / Right Arrow Mode 3: Up Arrow / Down Arrow Mode 4: Left Mouse Click / Right Mouse Click Mode 5: Space / Enter Mode 5 used with SoundingBoard™ as well as other switch-accessible Apps.	Has two built in switches or two jacks for other switches. The Blue2 is compatible with iPad, iPod Touch (3rd and 4th Generation), and iPhone (3GS and 4) Single or dual switch access	http://youtu.be/LI8Kio0KojY

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APPLICATOR Switch for Apps 	Pretorian http://www.pretorianuk.com/applicator Available through www.donjohnston.com	\$165	Bluetooth	For use with apps that have been designed to be switch-enabled** by the developer.	Has 4 built-in switch ports and also supports iTunes and iBooks Internal Rechargeable Battery	http://www.youtube.com/watch?v=PgZ1m0KY2B4&feature=relmfu http://www.youtube.com/watch?v=0EeRLwMIPFI
Switch2Scan 	Pretorian http://www.pretorianuk.com/switch2scan Available through www.donjohnston.com	\$180	Bluetooth	VoiceOver *built in to iOS. VoiceOver is turned on in your Accessibility Settings on your device. VoiceOver does not support row/column scanning through choices – so items are scanned individually. AND For use with apps that have been designed to be switch-enabled** by the developer.	Has 4 built-in switch ports and also supports iTunes and iBooks Internal Rechargeable Battery Press and hold switch to close apps	http://youtu.be/4AYmFGYZkxA http://www.janefarrall.com/blog/2012/06/29/switch2scan-switch-access-to-apps-ios-and-more/ http://youtu.be/uchD9BWgwFA http://www.youtube.com/watch?v=WTjXuPNgwKU Used with iBooks: http://youtu.be/OGxN8qrvzWk

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<p>SimplyWorks for iPad</p> 	<p>Pretorian</p> <p>http://www.pretorianuk.com/simplyworks-for-ipad</p> <p>Available through www.inclusivetlc.com</p>	\$195	Bluetooth	<p>VoiceOver *built in to iOS.</p> <p>VoiceOver is turned on in your Accessibility Settings on your device.</p> <p>VoiceOver does not support row/column scanning through choices – so items are scanned individually.</p> <p>AND</p> <p>For use with apps that have been designed to be switch-enabled** by the developer.</p>	<p>Has 4 built-in switch ports and also supports iTunes and iBooks</p> <p>Internal Rechargeable Battery</p> <p>SimplyWorks® for iPad is a unique interface providing comprehensive SimplyWork® switch, joystick, and keyboard access to all iPad® functions including Apps, Music and Media, iBooks®, internet (Safari®), email, data entry, and photography.</p> <p>Allows up to six SimplyWorks® transmitters to be paired with a single iPad without any restriction on the mix of transmitters.</p>	<p>http://youtu.be/4AYmFGYZkxA</p>
<p>IT-Click iPad Switch Interface</p> 	<p>Inclusive TLC</p> <p>www.inclusivetlc.com</p>	(No longer currently in development)	Apple 30-pin port	<p>For use with apps that have been designed to be switch-enabled** by the developer.</p>		

Switch Accessibility for iPad

* **VoiceOver** provides scanning and screenreader capabilities as well as keyboard shortcuts. Designed for access for individuals with visual impairments – but very helpful for switch users as well.

How do you tell if an app is VoiceOver accessible? Turn on VoiceOver in your settings, open the app and move your finger around – is it speaking out loud? highlighting choices? If yes – It is VoiceOver accessible.

There are THOUSANDS of VoiceOver Accessible apps.

Not all apps take advantage of this built-in iOS accessibility or take advantage of it fully.

This website is a great **resource for VoiceOver Accessible apps**: www.applevis.com

** **Switch-enabled Apps**: The Developer has intentionally included switch scanning capability within the app.

Jane Farrall and Alex Dunn have created a great, and growing, **list of switch-enabled apps**:

<http://www.janefarrall.com/blog/2012/08/12/switch-accessible-apps-for-ipad-and-iphone-growing-apace/>

A **Bluetooth Keyboard** can also be used with switch accessible and VoiceOver accessible apps.

Keep an eye out for new features in **iOS 6: Guided Access**

Switch Accessibility for iPad

Resources for Switch Access and iPads:

- **RJ Cooper** has been extremely thoughtful about the needs for switch accessibility and iDevices and has created a number of devices, apps, resources and video tutorials: www.rjcooper.com
- **Jane Farrall Consulting:**
<http://www.janefarrall.com/html/ipad.html>
 - Jane Farrall and Alex Dunn have created a great resource for current switch-enabled apps – hopefully this list will continue to grow: <http://www.janefarrall.com/blog/2012/08/12/switch-accessible-apps-for-ipad-and-iphone-growing-apace/>
 - Jane Farrall also frequently reviews switch interfaces on her blog:
<http://www.janefarrall.com/blog/2012/06/01/how-do-i-use-a-switch-with-an-ipad-june-2012-update/>
- **Luis Perez** is an expert in Accessibility and iDevices. His youtube channel is a great resource:
<http://www.youtube.com/user/lfperez72>
- **Inclusive TLC:** www.inclusivetlc.com is a great resource for a growing number of switch accessible apps, Devices and Accessories.
 - They have also created an informative video: Apps, Devices & Accessories
<http://youtu.be/adVYBM5A7v4>
- **Ablenet:** www.ablenetinc.com another great resource for Access devices, apps and accessories
- **Madalaine Pugliese's** Apps list organized by developmental stage and additional access resources:
<http://apps4stages.wikispaces.com/>

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iPad itself as Alternate Access

Panther Connect: Cost \$59.99 www.panthertechnology.com
<http://panthertechnology.com/products/trackpad/>



Panther Connect turns your iPad into a Universally Designed computer controller. Five new and innovative trackpad configurations. One-touch clicks for most mouse controls. Touch icons to open files and manage applications. Amazing new access. And many features designed for individuals with motoric disabilities. Panther Technology is working on a number of accessible apps.

Attainment Switch App: Cost \$4.99 <http://switch.attainmentsoftware.com/>



The Attainment Switch turns your iOS devices into a wireless accessibility switch! Use it to communicate with scanning enabled software running on any Mac or Windows PC or the GoTalk Now iPad App (<http://bit.ly/gotalknow>). Easy to customize, allowing access to any switch accessible software and replaces expensive switch interfaces and wired switches.

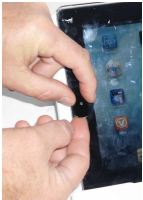
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Mounts – Stylii – Covers and Other Accessories COMING SOON:

Growing Google Doc Database for iPad Accessories:

<https://docs.google.com/spreadsheet/ccc?key=0Ah0p2ZZdcQnHdDlja1FILUtiU3A5dDR5RTRvRHA0VEE>

Example:

iPad Device (Indicate: Mount, Cover, Stylus, Access device, other peripheral device)	Company website	Cost	Important Notes/Purpose	Links to Videos, Tutorials, reviews, resources
Bubcap protector: 	www.rjcooper.com	\$12 for a 2-pack	Bubcap protector for iPad home button to prevent students from accidentally jumping out of apps	http://www.youtube.com/watch?v=r93tyZPxhIY
Pinterest Resource list by Lauren Enders	http://m.pinterest.com/lasenders	NA	Extensive organized list of iPad accessories and AAC apps.	