## Overview of Switch Interfaces

Visit the SETC Lending Library to borrow many of the interfaces featured in this handout.

[https://www.specialedtechcenter.org/services/lending-library/lendinglibrary/](https://www.specialedtechcenter.org/services/lending-library/lendinglibrary/)

<table>
<thead>
<tr>
<th>Vendor/ Interface</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inclusive Technology Inc.</td>
<td>Support: Excellent</td>
</tr>
<tr>
<td><strong>APPlicator ($165)</strong></td>
<td>Features:</td>
</tr>
<tr>
<td></td>
<td>- Access switch accessible apps- App Control</td>
</tr>
<tr>
<td></td>
<td>- Access the entire iPad via Switch Control</td>
</tr>
<tr>
<td></td>
<td>- Quick-media mode for access to music playlist &amp; audio books.</td>
</tr>
<tr>
<td></td>
<td>- 24 pre-programmed functions built into the APPlicator</td>
</tr>
<tr>
<td></td>
<td>- Not Programmable-no train mode for custom keystrokes.</td>
</tr>
</tbody>
</table>

Sold by Inclusive TLC /made by Pretorian  
[https://www.inclusivetlc.com/applicator](https://www.inclusivetlc.com/applicator)

Available for Loan through SETC Lending Library

### Examples of Pre-Set Modes
- Socket 1: Space
- Socket 2: Enter
- Socket 3: ~1
- Socket4: ~3

**Connection:** Bluetooth  
**Powered by:** Rechargeable battery via USB  
**Battery life:** 30 hours  
**Compatibility:** Mainly designed for iOS, but can be used with a Mac, Windows with Bluetooth capability, Android 5.0 or higher.

*Note from the vendor recommends that you occasionally run their interfaces down completely. Batteries can have memory. Therefore, if you repeatedly run the interface down to 50% then recharge, it will eventually “think” it has been run down at 50%. Over time the battery life will shorten.*

Questions re Inclusive TLC interfaces: Call Nigel  
1-704-243-3622
<table>
<thead>
<tr>
<th><strong>Inclusive Technology</strong></th>
<th><strong>Support: Excellent</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Switch2Scan</strong> ($180)**</td>
<td><strong>Features:</strong></td>
</tr>
<tr>
<td><img src="image1.png" alt="Switch2Scan" /></td>
<td>● Designed to work primarily with VoiceOver, but can be used for Switch Control or App Control</td>
</tr>
<tr>
<td>Sold by Inclusive TLC / made by Pretorian</td>
<td>● Quick Access to control a music playlist &amp; take a photo in camera app</td>
</tr>
<tr>
<td>Available for Loan through SETC Lending Library</td>
<td>Ports/Jacks: 4</td>
</tr>
<tr>
<td><strong>Simply Works for the iPad</strong> ($195)**</td>
<td>Connection: Bluetooth</td>
</tr>
<tr>
<td><img src="image2.png" alt="Simply Works for the iPad" /></td>
<td>Powered by: Rechargeable battery via USB</td>
</tr>
<tr>
<td>Sold by Inclusive TLC</td>
<td>Battery life: 30 hours</td>
</tr>
<tr>
<td><a href="https://www.inclusivetlc.com/simplyworks">https://www.inclusivetlc.com/simplyworks</a></td>
<td>Compatibility: iOS Devices, Android 5.0 and higher</td>
</tr>
<tr>
<td>Available for Loan through SETC Lending Library</td>
<td>*Note from vendor: This product is only recommended if you already have the other Simply Works products and want to add on iOS accessibility.</td>
</tr>
<tr>
<td><strong>iSwitch</strong> ($165.00)**</td>
<td><strong>Features:</strong></td>
</tr>
<tr>
<td><img src="image3.png" alt="iSwitch" /></td>
<td>● Same capability as the APPlicator</td>
</tr>
<tr>
<td>Sold by Inclusive TLC/ Made by Pretorian</td>
<td>● Built-in switch with light touch activation- comes in 4 colors</td>
</tr>
<tr>
<td><a href="https://www.inclusivetlc.com/iswitch">https://www.inclusivetlc.com/iswitch</a></td>
<td>● Small footprint (3 inches)</td>
</tr>
<tr>
<td><strong>Compatibility: iOS Devices, Android 5.0 and later</strong></td>
<td>● Access via Switch Control or app control</td>
</tr>
<tr>
<td><strong>Ports/Jacks:</strong> 2</td>
<td>● 24 pre-programed functions</td>
</tr>
<tr>
<td><strong>Connection:</strong> Bluetooth</td>
<td>● Not programmable – no “train” mode</td>
</tr>
<tr>
<td><strong>Powered by:</strong> Rechargeable battery via USB</td>
<td>Battery life: 30 hours</td>
</tr>
<tr>
<td><strong>Battery Life:</strong> 30 hours</td>
<td><strong>Compatibility: iOS Devices, Android 5.0 and later</strong></td>
</tr>
</tbody>
</table>
### Inclusive Technology (cont.)

<table>
<thead>
<tr>
<th>Device</th>
<th>Features</th>
<th>Ports/Jacks: 2</th>
<th>Pre-Set Modes: Space &amp; Enter</th>
<th>Connection: Bluetooth</th>
<th>Powered by: Rechargeable battery via USB</th>
<th>Battery Life: 25 hours</th>
<th>Compatibility: all iOS Devices, Android 5.0 or later</th>
</tr>
</thead>
</table>
| **JPad Joystick ($275)** | - Joystick scanning access to Apps, Music Camera, & iBooks page turning.  
- Access via Switch Control or App Control  
- Directional scanning- forward, backward, up & down- select via built in touch sensor button or via an external switch. |                |                             |                       |                                          |                        |                                                     |
| Sold by Inclusive Technology/made by Pretorian  
[https://www.inclusivetlc.com/iswitch](https://www.inclusivetlc.com/iswitch)  
Available for Loan through SETC Lending Library |                                                                                     |                |                             |                       |                                          |                        |                                                     |

### Enabling Devices

<table>
<thead>
<tr>
<th>Device</th>
<th>Features</th>
<th>Ports/Jacks: 2</th>
<th>Pre-Set Modes</th>
<th>Connection: Bluetooth</th>
<th>Powered by: Rechargeable battery via USB</th>
<th>Battery Life: 80-100 hours of use reported on website</th>
<th>Compatibility: iOS Devices</th>
</tr>
</thead>
</table>
| **iPad Wireless Switch ($189.00)** | - Access iPad in App Mode  
- Access switch toys with standard switch cable  
- 6 modes and 36 pre-programed functions |                |               |                       |                                          |                                                      |                             |
| Enabling Devices  

### Advanced Multimedia Devices Inc. (AMDi)

<table>
<thead>
<tr>
<th>Device</th>
<th>Features</th>
<th>Ports/Jacks: 2</th>
<th>Connection: Bluetooth</th>
<th>Powered by: Rechargeable battery via USB</th>
<th>Battery Life: 8-10 hours</th>
<th>Compatibility: iPad 2, 3, 4 &amp; iPad Air, iPad Mini ($398)</th>
</tr>
</thead>
</table>
| **iAdapter ($465)** | - iPad Case with built in switch interface  
- Built-in Speakers  
- Built-in handle and stand |                |                       |                                          |                          |                                         |
| Sold by ADMI  
[http://www.amdi.net/iadapter](http://www.amdi.net/iadapter) |                                                                                     |                |                       |                                          |                          |                                         |

*Note from vendor: Do not let this completely loose charge. 6 hours for initial charge with a USB cable.

**Vendor note:** The vendor stated that the switch ports are pre-programed to send a “generic keystroke.” When I asked if this was “space” and “enter,” he was unable to confirm. I would assume this is the case, as this case can be used with many AAC apps, which require a “space” and “enter for switch access.*
<table>
<thead>
<tr>
<th>Komodo Open Lab</th>
<th>Support: Excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tecla Shield Dos ($349) or Tecla E™ ($499)</td>
<td></td>
</tr>
<tr>
<td><img src="image1" alt=" Tecla Shield Dos" /> <img src="image2" alt=" Tecla E" /></td>
<td><img src="image3" alt="Support" /></td>
</tr>
<tr>
<td>Sold by Komoto Open Lab</td>
<td>Features</td>
</tr>
<tr>
<td><a href="https://gettecla.com/">https://gettecla.com/</a></td>
<td>- Excellent connectivity</td>
</tr>
<tr>
<td>Tecla Shield Accessories:</td>
<td>- Excellent battery life</td>
</tr>
<tr>
<td>4-Way JoyStick ($74)</td>
<td>- Access via Switch Control, App Control, and VoiceOver</td>
</tr>
<tr>
<td><img src="image4" alt="4-Way JoyStick" /></td>
<td>Ports/Jacks: 2 –plus DD9</td>
</tr>
<tr>
<td>Additional Switch Ports ($49)</td>
<td>Pre-Set Modes for App Control:</td>
</tr>
<tr>
<td><img src="image5" alt="Additional Switch Ports" /></td>
<td>- Space</td>
</tr>
<tr>
<td>Tecla Mount ($99)</td>
<td>- Enter</td>
</tr>
<tr>
<td><img src="image6" alt="Tecla Mount" /></td>
<td>Connection: Bluetooth</td>
</tr>
<tr>
<td><img src="image2" alt="Tecla E" /></td>
<td>*You will need to re-pair the Tecla if you change modes.</td>
</tr>
<tr>
<td>Tecla Shield-available for Loan through SETC Lending Library</td>
<td>Powered by: Rechargeable battery via USB</td>
</tr>
<tr>
<td><img src="image7" alt="Tecla Phone Mount" /></td>
<td>Battery life: 48 hours</td>
</tr>
<tr>
<td>Tecla Phone Mount ($99)</td>
<td>Compatible with iOS, MacOS, Windows, Android via Bluetooth</td>
</tr>
<tr>
<td>iOS Devices, Android™, Windows, OS X or Linux</td>
<td>NEW features in Tecla-E</td>
</tr>
<tr>
<td><img src="image7" alt="Tecla Phone Mount" /></td>
<td>- Built in Switch – when using the Tecla mount, the built-in switch is deactivated. If the built-in switch is needed, any camera mount can be used to mount the Tecla</td>
</tr>
<tr>
<td><img src="image8" alt="Accessories" /></td>
<td>- Connects to multiple devices, up to 8 devices</td>
</tr>
<tr>
<td>Accessories:</td>
<td>- No repairing needed to change modes to switch between devices</td>
</tr>
<tr>
<td><img src="image8" alt="Accessories" /></td>
<td>- Connects to home automation devices, such as Logitech hub, Alexa, and IFTTT</td>
</tr>
<tr>
<td>- Joystick</td>
<td></td>
</tr>
<tr>
<td>- Adapter for up to 6 additional switch ports</td>
<td></td>
</tr>
<tr>
<td>- Mount for Tecla interface</td>
<td></td>
</tr>
</tbody>
</table>
### Ablenet, Inc.

**Blue2 Bluetooth Switch** ($185.00)

- **Features:**
  - Access Switch Accessible App- App Control
  - Access via Switch Control
  - Two build-in Switches (no way to deactivate)
  - **Programmable!** Modes 4,5,6 are customizable, meaning you can program them to send keystrokes.

- **Ports/Jacks:** 2, plus 2 built-in switches

- **Pre-Set Modes:**
  - Mode 1: Space and Enter
  - Mode 2: 1 and 3
  - Mode 3: ~1 and ~3
  - Mode 4: User defined
  - Mode 5: User defined
  - Mode 6: User defined

- **Connection:** Bluetooth
- **Powered by:** Rechargeable battery via USB
- **Battery life:** 13 hours

**Compatibility:** iOS, OSX 10.9 and new, Windows, Android

*Note: FQA section on product website is very helpful.

Available for Loan through SETC Lending Library

[Sold by Ablenet Inc](https://www.ablenetinc.com/blue2-bluetooth-switch)

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**Hook +** ($149)

- **Features:**
  - Access the iPad via Switch Control only
  - Plug and Play
  - Powered by iOS device

- **Ports/Jacks:** 4

- **Pre-Set Modes:**
  - Select
  - Move to next item (scan)
  - Socket 3 & 4: Customized

- **Connection:** Lightning port
- **Powered through iPad** via the lightning port
- **Battery life:** NA

**Compatibility:** iOS Mini, Air & beyond

Available for Loan through SETC Lending Library

[Sold by Ablenet Inc](https://www.ablenetinc.com/hook-switch-interface#Downloadsh)

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**Zybox2 VO ($175) & Zybox2 SC ($195)**

- **Features:**
  - Plug and Play
  - One interface is used with VoiceOver access
  - Another interface is for Switch Control access

- **Ports/Jacks:** 3

- **Connection:** Lightning port
- **Powered through iPad** via the lightning port

**Compatibility:** iOS Mini, Air & Beyond

### RJ Cooper

**Voice Over Controller ($199.00)**

![Voice Over Controller Image]

Features:
- Access via Voice Over
- 6 built-in switches with predetermined functions, such as scan forward, scan back and select.

**Ports/Jacks:** 2 additional switch ports  
Preset actions assigned to built-in switches  
**Connection:** Bluetooth  
**Powered by:** Rechargeable battery via USB  
**Compatibility:** iOS devices

*Note: Apps must be Voice Over accessible to work with this device.*  

Sold by RJ Cooper  
https://store.rjcooper.com/products/ipad-voiceover-switch-control-controller

**Available for Loan through SETC Lending Library**

### Cricksoft Inc

**Switch Box ($182)**

![Switch Box Image]

Cricksoft Inc.  

**Features:**  
- Allows for switch access with Clicker 7  
- Emulates mouse joystick and keyboard functions  
- **Programmable!** - 2 ports can be “trained” with custom keystrokes  

**Pre-Set Modes:**  
- Scan in Clicker  
- Select in Clicker  

**Connected & Powered:** via USB (driver necessary to program)  
**Ports/Jacks:** 4  
**Compatibility:** Windows and Mac (Not iPads)

**Available for Loan through SETC Lending Library**

### Don Johnston

**Switch Interface Pro 6.0 ($94)**

![Switch Interface Pro 6.0 Image]

Don Johnston Inc.  
http://donjohnston.com/swip/

**Features:**  
- Allows for easy access to computers via USB connection  
- Emulates mouse joystick and keyboard functions  
- PreSet Modes are determined by toggling through a light  
- Small footprint  

**Connected & Powered:** via USB  
**Ports/Jacks:** 5  
**Compatibility:** Windows & Macs (Not iPads)

**Available for Loan through SETC Lending Library**

### Origins Instruments

**Swifty USB Switch Interface ($139)**

![Swifty USB Switch Interface Image]

Origins Instruments  
http://www.orin.com/access/swifty/

**Features:**  
- Emulates mouse joystick and keyboard functions  
- **Programmable!**  

**Connected & Powered:** via USB  
**Ports/Jacks:** 1 (can have two with a splitter-Orby)  
**Compatibility:** Windows & Macs (Not iPads)
## Thinkgeek

### Joystick-it ($3.99 on Amazon)

![Joystick-it](Image)

**Features:**
- Virtual joystick control- provides directional capability
- Accesses a single point on an iPad when touched, such as touching a single location for turning pages in ibooks or on a website, such as TarheelReader
- Suctions to the screen. When pushed down, it makes contact with the screen and acts as if you are touching the screen.

**Compatibility:** All touch screen devices

## Logitech

### Logitech Joystick ($4.50 on Amazon)

![Logitech Joystick](Image)

**Features:**
- Virtual joystick control- provides directional capability
- Accesses a single point on an iPad when touched, such as touching a single location for turning pages in ibooks or on a website, such as TarheelReader
- Suctions to the screen. When pushed down, it makes contact with the screen and acts as if you are touching the screen.

**Compatibility:** All touch screen devices

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**Tech support links:**

- **Blue2bluetooth Switch**: [https://www.youtube.com/watch?v=_xeTaW2_vjs](https://www.youtube.com/watch?v=_xeTaW2_vjs)
- **Hook**: [https://www.youtube.com/watch?v=3BHibfIKxS0](https://www.youtube.com/watch?v=3BHibfIKxS0)
  [https://www.pretorianuk.com/images/datasheets/APPlicat0r.pdf](https://www.pretorianuk.com/images/datasheets/APPlicat0r.pdf)
- **Switch2Scan**: [https://www.youtube.com/watch?v=Bi10X5G-0EU](https://www.youtube.com/watch?v=Bi10X5G-0EU)
  [https://www.pretorianuk.com/images/datasheets/Switch2Scan.pdf](https://www.pretorianuk.com/images/datasheets/Switch2Scan.pdf)
- **iPad Wireless Switch**: [https://www.youtube.com/watch?v=ko7JNFRadfl](https://www.youtube.com/watch?v=ko7JNFRadfl)
- **Switch Interface Pro**: [https://www.youtube.com/watch?v=vn4MgiwWkzA](https://www.youtube.com/watch?v=vn4MgiwWkzA)
- **TeclaShield**: [https://gettecla.com/pages/get-started](https://gettecla.com/pages/get-started)
  [www.komodoopenlab.com/pub/media/pdfs/Tecla%20Shield%20for%20iOS%20-%20User%20Guide%20v0.6.pdf](www.komodoopenlab.com/pub/media/pdfs/Tecla%20Shield%20for%20iOS%20-%20User%20Guide%20v0.6.pdf)
Vendor Information

Ablenet  888-640-1999  
http://www.ablenetinc.com/

Inclusive Technology  800-462-0930  
http://inclusivetlc.com/

Pretorian Technologies LTD  
http://simplyworks.com/

Enabling Devices  800-832-8697  
https://enablingdevices.com/

ADMI (Advanced Multimedia Devices, Inc)  888-353-2634  
http://amdi.net/index.php?route=common/home

Komoto Open Lab  888-429-8033  
http://komodoopenlab.com/tecla/

RJ Cooper  949-582-2571  
http://rjcooper.com/

Zygo-USA  (800) 234-6006  
www.zygo--usa.com

Adaptive Switch Laboratories  800-798-0005  
http://asl-inc.com/