Switch Control for iOS 7

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Switch Control for iOS 7

Apple introduced Switch Control in iOS7 and OS X Mavericks (10.9). This section covers use of Switch Control on a portable device running iOS7. (If you would like to control an Apple computer through Switch Control, please refer to the section called “Switch Control for OSX.”)

With Switch Control, individuals with limited mobility can use one or more accessible switches to enter text, interact with items on the screen, and otherwise control their iOS7 device. Switch Control scans items on the user interface until you select an item using an accessible switch. For more information on using Switch Control in iOS7, please see the following document: http://support.apple.com/kb/HT5886

Pairing and Configuration

With the Tecla Shield ready for connection, the status indicator light should be blinking white. (If it’s not, refer to the section “Connecting the Tecla Shield DOS” in the Getting Started chapter).

1. Go to Settings > Bluetooth

   With Bluetooth enabled, you should see the Tecla Shield DOS listed under Devices as TeclaShieldDOS-XXXX (where XXXX is a random sequence). Click on it. The status should change from Not Paired to Connected.

2. Go to Settings > General > Accessibility

   Then scroll down to Switch Control, and click on Switch Control to go to its settings.

3. Click on Switches.

   Switch Control allows you to use your iPod touch by sequentially highlighting items on the screen that can be activated through an addictive accessory.

With the Tecla Shield ready for connection, the status indicator light should be blinking white. (If it’s not, refer to the section “Connecting the Tecla Shield DOS” in the Getting Started chapter).
4. Click on Add New Switch… select External as the source. Press a switch connected to the Tecla Shield. In the New Switch pop-up window press Save, and the switch will be assigned the name Switch # (where # is a consecutive number, starting with 1 for the first switch). If you want to assign the switch a different name, type it in the text box before pressing Save.

5. In Actions assign the switch an action from the list. If you are using a single switch (or you are using more than one switch, but this is your main selection switch), choose the “Select Item” action. See the “Available Actions” description on page 4 for a brief description of other possible switch actions that you can assign to optional additional switches besides your main selection switch. The “Recommended Configurations” table on page 5 may also be helpful for assigning switch actions.

6. Repeat steps 4 and 5 for all of your switches.

7. Go back to Switch Control, and activate Switch Control by clicking on the on/off control.

You can learn more about Switch Control and its features by visiting this website: http://support.apple.com/kb/HT5886
Available Actions

Scanner

*Select Item*
Selects the highlighted item. If you are using a single switch, you should assign it to this action.

*Scanner Menu*
Opens the Scanner Menu to access the Switch Control advanced functions and settings.

*Resume Auto-Scanning*
Restarts auto scanning of actionable items.

*Move to Next Item*
Highlights the next actionable item.

*Move to Previous Item*
Highlights the previous actionable item.

*Stop Scanning*
Stops automatic scanning.

System

*Tap*
Taps the highlighted item.

*App Switcher*
Opens the App Switcher.

*Home Button*
Sends a Home Button event.

*Notification Center*
Opens the Notification Center.

*Siri*
Calls Siri for voice control of the device.

*Decrease Volume*
Decreases the device volume.

*Increase Volume*
Increases the device volume.

Press and Hold

If you used the Tecla Shield before iOS7, you may have become used to the ability to call certain functions by pressing and holding the switches.

In iOS7 mode, this feature is disabled by default to avoid possible confusion for new users. Press-and-hold functions can be activated easily by pressing the + button on the Tecla Shield, although you may need to press it a few times to find the right hold time for you. A press-and-hold on any switch will toggle the keyboard, while a longer hold on SPI will also send a Home button event and (longer still) bring up Siri.
Recommended Configurations

### Single and Dual Switches

<table>
<thead>
<tr>
<th>NUMBER OF SWITCHES</th>
<th>AUTO-SCANNING</th>
<th>SP-1</th>
<th>SP-2</th>
<th>AUTO-TAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>On</td>
<td>Select Item</td>
<td>Off</td>
<td></td>
</tr>
<tr>
<td>Single</td>
<td>On</td>
<td>Select Item</td>
<td>On</td>
<td></td>
</tr>
<tr>
<td>Dual</td>
<td>Off</td>
<td>Select Item</td>
<td>Resume Auto-Scanning</td>
<td>Off</td>
</tr>
<tr>
<td>Dual</td>
<td>Off</td>
<td>Select Item</td>
<td>Move to Next Item</td>
<td>On or Off</td>
</tr>
<tr>
<td>Dual</td>
<td>On</td>
<td>Select Item</td>
<td>Scanner Menu</td>
<td>On</td>
</tr>
</tbody>
</table>

**Single and Dual Switches (Auto-Scanning Off)**

<table>
<thead>
<tr>
<th>NUMBER OF SWITCHES</th>
<th>ECU 1 (FORWARD)</th>
<th>ECU 2 (BACK)</th>
<th>ECU 3 (LEFT)</th>
<th>ECU 4 (RIGHT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three Switches</td>
<td>Tap</td>
<td>Scanner Menu</td>
<td>Move to Next Item</td>
<td></td>
</tr>
<tr>
<td>Four Switches</td>
<td>Select Item</td>
<td>Scanner Menu</td>
<td>Move to Previous Item</td>
<td>Move to Next Item</td>
</tr>
<tr>
<td>Five Switches</td>
<td>Select Item</td>
<td>Scanner Menu</td>
<td>Move to Previous Item</td>
<td>Move to Next Item</td>
</tr>
</tbody>
</table>