

BT (Bluetooth) Small Switch (BTSS) (H-110)

Turning the BTSS On/Off

Simply slide switch on bottom to desired position.

Pairing the BTSS with your Device

Quick green flashing means that the BTSS is not Paired with any device.

iPad: With the BTSS *off*, go into the iPad's Settings, then General, then BT, turn it On. Your iPad will immediately start searching for Discoverable devices (any BT host can actually accommodate up to 65 devices!) Now depress the BTSS while turning it on, and continue to hold the BTSS in until you see quick flashes of green, then release (about 4 seconds). You might see "Accessory" Or "RJ Sml Switch" on the iPad. ***Don't tap it yet!*** Turn BT off then back on. NOW you can tap RJ Sml Switch" and confirm. A successfully Paired BTSS will blink green every 5 seconds.

If "RJ Sml Switch" is there but says Not Connected, you might have to tap the little "i" on the right of the onscreen button and Forget This Device and start over.

Android: Almost identical :-)

Switch Control

My devices are completely compatible with iOS's "Switch Control and Android's Marshmallow switch accessibility.

Determining the BTSS Version Number

While you are in BT Settings, note the number after "RJ Sml Switch".

Testing the BTSS

Go into Notes or some text-oriented app. You will not see a keyboard on your screen because your iPad thinks that my BTSS is a keyboard (which, electronically, it is!). Click the green button and a <space> should be 'typed'.

iPad Apps That Are Switch-Friendly

Any app that 'looks' for the text that the switch input types is called "Switch-friendly". But the app developer also must program what will *happen* once this input is detected. In the case of cause/effect switch software, such as my RadSounds for iPad, switch activation results in music playing and dancers dancing. At the other end of switch-friendly apps would be something like any switch-friendly AAC app like GoTalk Now.

Android Tablets, PC's and Macs (and other AAC devices based on computers)

As long as your program can accept <space> or <enter> as the 'trigger' as the "switch", you should be fine.

Charging Batteries

If the LED blinks red all the time, you need to replace the 2 AAA batteries under the battery cover on the bottom. Use alkaline or the new type made just for electronics.

Changing Profiles

A *profile* is the keystroke or 'event' that gets sent to your host device (e.g. iPad). The default is <space>, but you can change it by pressing/holding the green button down for about 5 seconds and then let go when your desired # of red flashes:

1 red flash = <space> (for special needs apps that are switch-friendly, or Switch Control auto-scan)

2 flashes = <enter> (for step-scan)

3 flashes = <next song> (Music, YouTube, Pandora, etc.)

4 flashes = <vol up> (iPad Camera app)

5 flashes = <up/down> (Select for VoiceOver)

6 flashes = <left-arrow> (previous item for VoiceOver)

7 flashes = <right-arrow>(next item for VoiceOver)

8 flashes = Home

Immediately upon releasing the Switch, yellow will flash the same # of times you selected.

If You're "Connected" But Your Switch-Friendly App or iOS 7 Switch Control Is Not Working (because it's looking for space/enter)

It is possible to accidentally change the Profile' (the keystrokes that the BTSS 'types'). You can confirm this by doing the Test above and no keystrokes will appear.

What Will It Do?

All special needs app that refer to switch(es) or scanning look for the keystroke <space> as the Select switch. Step-scanning for 2 switches adds the <enter> key (usually for Stepping). And that is how I ship the BTSS.

To use Apple's Switch Control, I have recommended settings at rjcooper.com/products/bt-small-switch. You can set up a BTSS as just a Home button, if desired (just set its Profile different than <space>). Also within Switch Control is the useful feature Recipes, for turning pages of a digital/e book, and other functions which a switch usually cannot do.

I also programmed the BTSS so it can function as the Play/Pause button for the **Music** on any Bluetooth device, or as the Next-Song button.

Or as a large 'shutter' button for the **Camera** app.

Or several BTSS's can operate VoiceOver.