Windows Programs

On my Auggie, or a PC, programs will be 'looking' for switch input (certain keystrokes or mouse 'events'), or may be 'point & click oriented'. For those looking for switch input, they will be looking for *specific* keystrokes, such as <1>, <space>, etc. (just the text inside the <brackets>), or a mouseclick. So you must match what their program is *looking* for, with that which the BSI can 'type'. Sometimes the developer allows you to set what it looks for as the 'switch', and then you can pick something that my BSI can 'type'. Other times, you will need to reset the 'Profile' of the BSI to type something different than its default. Always feel free to contact me for directions.

For situations that are 'point & click' oriented, you can use my CrossScanner software, which allows 1 or 2 switches to completely operate the PC/Auggie.

Super-Switch Versus Switch Interface

The big yellow button functions as switch #1, the same as the switch input #1 next to my power button. You can plug a different #1 switch in there, and/or plug a second switch into switch input #2.

Charging The Internal Battery

The BSI has a small LiOn battery inside. Charge it overnight about once a week via your computer and the included USB cable. If the indicator light on the BSI turns red, it needs charging.

If You're "Connected" But Your Switch-Friendly App Is Not Working

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

Verison 117

With the BSI OFF, plug an external switch into my #1 jack, next to my red power button. Turn on the BSI.

Version 122

With the BSI OFF, you will need plug the'Y" cable that came with your BSI into the jack next to the red power button. Then plug a switch into the black jack of the Y and hold your external switch down/on while turning on the BSI. The instant you see any light come on the BSI, release your external switch immediately. Unplug the B/W Y cable.

Version 123 or 123R

All Profiles are my Profile. You will not have a Y cable.

Version 123S & Above

Super-Switch: With the Super-Switch OFF, hold the Super-Switch (yellow part) down while turning on the Super-Switch. The instant you see any light come on, release the Super-Switch immediately.
Switch Interface: With the Switch Interface OFF, plug in black/white Y cable that came with the unit, into the jack next to my red power button. Plug an external switch into either jack. Hold your external switch down/on while turning on the Switch Interface. The instant you see any light come on, release everything immediately.

That should reset back to my Profile. Perform the Test above to confirm.

If You're Using My BSI with an App That Is 'Looking' for a NON-STANDARD Space/Enter

Version 122

With the BSI OFF, plug in the black/white Y cable that came with the unit, into the jack next to my red power button. Plug an external switch into the white jack. Hold your external switch down/on while turning on the BSI, (Super-Switch: but without depressing the yellow switch!). The instant you see any light come on, release everything immediately. Now the black jack of the Y will yield a <space> and if you have a second Y cable (contact me), the black jack of that one will yield an <enter>. Contact me if you'd rather just swap for a version 123S below, which doesn't require the Y cable at all.

Version 123S & Above

With the BSI OFF, plug an external switch my jack #2, farthest from the red power button. Hold the external switch down/on while turning on the BSI. The instant you see any light come on, release everything immediately. Perform the Test above to confirm.

For repairs/returns you must contact <techsupport@rjcooper.com> for an RMA.

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Bluetooth Switch Interface (H-66) and Bluetooth Super-Switch (H-65)

My Bluetooth Switch Interface and the Super-Switch share the same electronics. So this document will cover both devices, and uses the term "BSI" for both devices. Any differences will be explained.

Turning the BSI On/Off

Press the red power button on the left until the indicator light blinks green **(If you have my Super-Switch, do NOT squeeze the main switch while doing so)**. Persistent red or orange blinking means it's time to charge the battery. To turn off, press/hold the power button until the red light blinks 3 times then release.

Pairing the BSI with your iPad

iPad: Go into Settings on your , then General, then Bluetooth, turn it On. Your iPad will immediately start searching for Discoverable devices. It might find the "Airturn" (my BSI) showing "Not Paired". Tap it and in about 5 seconds Airturn should have "Connected" next to it. If Airturn is there but won't connect, you might have to tap the right-arrow on the right of the Airturn's onscreen button and Forget This Device and start over.

If "Airturn" is not showing, then press and hold my power button for *at least* 10 seconds until it flashes red/green/red/green quickly (and I mean that literally!), putting the BSI into 'discovery mode'. This is a Bluetooth term indicating that another device (iPad or Auggie) can discover it. It should find the "Airturn" (my BSI) showing "Not Paired". Tap it and in about 5 seconds Airturn should have "Connected" next to it.

Auggie: Find and select the Bluetooth icon down in your System Tray that holds your time in the taskbar (you might have to select the double ^ indicator that lets you at Hidden Icons in your Tray). Choose Add a Device. If the BSI is still in 'Discovery mode' then "Airturn" should be a choice. Tap it and choose Next. Windows might ask for a password; it's 0000 (four zero's), if prompted.

Both: The iPad or Auggie and the BSI *should* remember their pairing, even if either unit 'sleeps' or is powered down. They both use Bluetooth 2.1, which is much better than older versions of Bluetooth which dropped the pairing. iPad: If Pairing should fail, tap on Airturn, then the arrow on the right, and Forget This Device to start over. Auggie: same as above.

Determining the BSI Version Number

While you are in Bluetooth Settings, note the number after "Airturn". The version # is after the "v", for example: Airturn105v122-40E0, which is version 122. Also note characters after the dash should match the corresponding characters on the label of the BSI.

Switch Inputs

The BSI has 2 switch inputs. The one on the left is #1, and defaults to 'type' <~1> to any text field on your iPad/Auggie (the <> brackets indicate that the characters *within* the <> brackets). The switch on the right is my #2 switch but it types <~3> (that character before the number is called "tilde", and it allows app developers to discriminate between my BSI and a keyboard). The second switch is sometimes used for "Step-Scanning" where switch #2 'steps' between choices, and switch #1 'selects'.

Testing the BSI

From your Home screen, tap your Home button to reveal the iPad's Search screen, with a text box at the top with the blinking cursor. You will not see a keyboard on your screen because your iPad thinks that my BSI is a keyboard (which, electronically, it is!). For my Super-Switch, click it and ~1 should appear. For my Switch Interface, put a switch into jack #1 (next to the power button), and ~1 should appear. If so, you're golden :-)

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 an AAC app like ConleySolutions.com's TapSpeak: Choice.