



Inspired by You!

CENMAC Thursday Thirty presents

Supporting Children and Young People with Assistive Switches

Assistive Switch Access

What Switches Do

- A switch turns a simple action (like pressing) into something happening.
- Switches help people with motor or learning difficulties access communication, play, learning and everyday devices.

Why They Matter

- Many learners with complex needs can use a switch.

Switches support access to:

- Computer software
 - Communication devices
 - Battery-operated toys
 - Mains-powered appliances
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AAC access for users with limited motor control

- Trigger selections on Grid, TD Snap, LAMP, Proloquo using tiny, reliable movements
- Ideal for eye-gaze users who fatigue with dwell-based selection
- Contact-free activation reduces strain and improves consistency

Cause-and-effect learning in early development

- Activate bubble machines, musical toys, fans, or lights
- Build anticipation, engagement, and early choice-making
- Perfect for sensory rooms and special education settings

Environmental control for independence

- Operate lamps, projectors, fans, or sensory devices via iClick

Computer and tablet access

- Alternative body-site activation (cheek, knee, foot, headrest)
- Bluetooth access to iPad/Android without interface boxes

Classroom participation and learning

- Trigger interactive whiteboard actions
- Accessible science experiments (fans, pumps, lights)
- Yes/No or multi-choice responses using dual switches

Leisure, play, and recreation

- Control switch-adapted toys, trains or sensory devices
- Accessible gaming with simple mapped controls
- Music and media control with low-effort activation

Assistive Switches

Smoothie Switches:

Smoothie 75 / 125 (Wired)

- Low profile
- Very light activation
- Tactile feedback
- Colours: Red, Yellow, Blue, Green



Smoothie 75 / 125 (Wireless)

- Works with SimplyWorks
- 10m range
- LED mode display
- Long battery life



SimplyWorks Switch Set

- Two wireless SimplyWorks Switch 75
- One RECEIVE:2 interface
- No drivers
- Supports: Space, Enter, Left/Right Click, F7/F8, Gamepad 1/2
- Keeps settings even when powered off



Simple Switch Interface

- Connect up to two switches
- Also supports: Space, Enter, Left/Right Click, F7/F8, Gamepad 1/2
- Cost-effective
- Supports common access functions
- No drivers
- Keeps mode settings



USB Switch

- Switch with built-in USB interface
- Plug directly into USB
- Includes Switch Filtering for tremors or low strength



iSwitch

- Connects to iPad, iPhone, Android
- Built-in 75mm switch + two external switches
- Each switch programmable
- 20m range
- Rechargeable
- Over 24 output modes and iOS media shortcuts, incl mouse clicks



iSwitch 50

- Same functionality as iSwitch but in a compact 50mm switch
- No external switch ports
- Ideal for users who prefer a smaller switch



ToFFEE Wired

- A proximity-based assistive switch that activates when a hand, head, knee, or any opaque object approaches the sensor — no physical pressing needed.
- Standard 3.5mm switch output
- Works with any device that accepts a switch input
- Ideal for users with very limited movement or difficulty pressing traditional switches



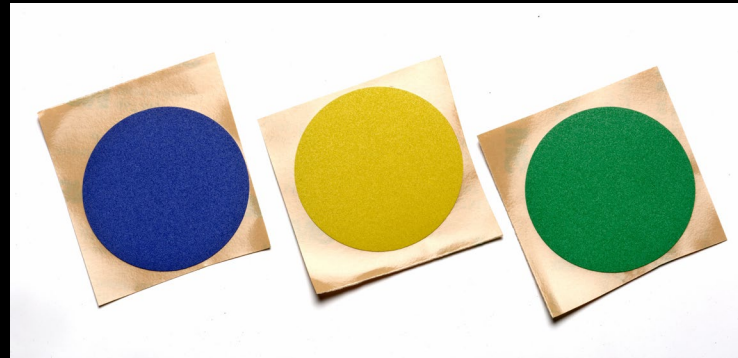
ToFFEE Bluetooth

- A Bluetooth version of the ToFFEE proximity switch, offering wireless access to tablets, computers, and AAC apps.
- Bluetooth output for iPad, iPhone, Android, Windows
- Ideal for users needing a wireless access to communication apps or touch-free switch control on tablets
- Same output mode functions as iSwitch/iSwitch 50



Savvy Switch

- 50mm compact low force wired switch
- Standard 3.5mm output
- Robust, low-profile design
- Comes with 4 removeable decals, Red, Yellow, Green and Blue



Grasp Switch

- A mountable switch designed to be held in the hand and activated by squeezing, pinching, or pushing sideways.
- Standard 3.5mm output, 150cm cable
- Activation force approx. 300g
- Can be operated using hand, forearm, or head



Switch Interfaces



TWIN SLAT



PRETORIAN APPLICATOR



KINETIC FOR SIMPLYWORKS



SIMPLYWORKS CONTROL



APPLICATOR MAX



SIMPLYWORKS SEND



FREEDOM



SIMPLYWORKS SEND-6

Switch Interfaces

APPLICATOR

- Works with iPad®, iPad® mini, iPad Pro® and iPhone® and with any other Bluetooth enabled tablet device or computer such as Android® and Surface Pro®.
- Scanning Switch Access
- Four 3.5mm sockets for wired switches.
- 24 functions which can be configured in any order to give maximum flexibility.
- Quick Media mode for rapid access to media without reconfiguring switches.
- Rechargeable lithium-ion battery via supplied USB lead.
- 20 metres (64 feet) operating range.



APPlicator MAX

- MAX Version in addition to standard APPlicator features
- Allows up to four switches to be used on multiple devices/ apps without re-plugging/ re-programming.
- Connects to up to four devices (Four Device use-case)
- Alternatively, may be set to Single Device, Multiple Levels use-case (4 Levels).
- Now includes Two Device use-case, each of which has two Levels
- Fifth switch to select device (or extended press on one of the other four).
- Function of each switch may be individually selected for each device.



Send/Send 6

- Works with any SimplyWorks receiver for computer or stand-alone switch access.
- Single 3.5mm jack socket input from any switch.
- Identical functions to SimplyWorks Switch 125 but allowing other types of switch to be used such as foot switches, sip/puff switches etc.
- 10 metre operating range.
- Long battery life.
- Send 6 works same as Send
- Six 3.5mm jack socket inputs from any switches
- Send-6 also has a facility to allow the switches to function as a mouse



Control/Control Pro

- ▶ Works with any SimplyWorks transmitter to control battery operated toys or other output devices.
- ▶ Allows up to six wireless switches to be paired to allow co-operative use.
- ▶ Single 3.5mm jack plug output via supplied lead.
- ▶ 10 Metre operating range.
- ▶ Automatic power saving mode - no on/off switch.
- ▶ Choice of Direct, Latched, Timed (seconds) and Timed (minutes) modes of operation.
- ▶ Selectable time periods in timed modes
- ▶ Control Pro has 2 outputs and Co-Operative mode.



Twin SLAT

- SLAT – Switch Latched And Timer
- Toy/Appliance controller for one or two toys or low voltage appliances
- 2 independent channels
- 8 operating modes
- Timer settings from 5 secs – 60 mins
- Co-Operative modes help users to interact with their peers, in that only when both switches are pressed will the outputs change state.
- Media Timed mode is ideal for playing music for a limited period on media players with play/pause function). This mode pulses the output at the beginning and end of timer period. Some new toys work this way so would benefit from this mode setting.



Inspired by You!

Any Questions ?



pretorian@pretorianuk.com



www.pretorianuk.com

Upcoming Event on Assistive Switch Access for AAC Devices

Join us on **Thursday 15th October 2026** for fast a practical session on creating consistent, low effort switch access for AAC users across eye gaze and touch screens devices.

Featuring demos of ToFFEE BT, ToFFEE Wired, iSwitch, iSwitch 50, plus partner presentations from Smartbox, Tobii Dynavox, PRC Saltillo and Rehadapt!
Scan the QR code below for more details and to register:

