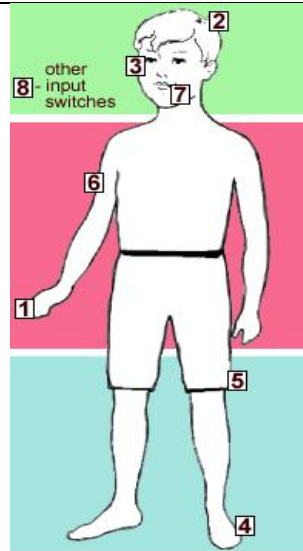


Control Sites

1. Hand/Finger
2. Head
3. Eye
4. Foot
5. Leg
6. Arm
7. Mouth/Tongue
8. Other Input Switches

Range of Motion

- Full
- Limited



Reliable Body Parts

①

Hands/Fingers

1. BIGmack or Jelly Bean Switches



Button or touch switches; requires full range of motion and relative strength. Available from www.ablenetinc.com

2. Pitch Switch

Very light pressure (less than 30 grams); one or two figures; limited range of motion. Available from www.enablingdevices.com



3. Plate Switch



Thin membrane switch; activated by light touch; limited strength and range of motion. Available from www.enablemart.com

Reliable Body Parts

②

Head

1. Pillow Switch

Head position touch switch with the foam; limited range of motion and relative strength. Available from www.communicationaids.com



2. Piezo Switch



Activated with (clenching of a jaw); by breath or touch; limited range of motion and strength. Available from www.piezoswitch.com

3. Ultimate Switch

Slight touch for activation; but withstand gross body movements; limited range of motion. Available from www.enablemart.com



Reliable Body Parts

③

Eye

1. Twitch Switch



Activated by wrinkling the forehead; latched, timed, and momentarily modes; limited range of motion. Available from www.enablingdevices.com

2. Mind Controlled Switch (MCTOS)

Eye- or brain-controlled; no physical movement. Available from www.enablemart.com



3. SCATIR Switch



Works by detecting a beam of reflected infrared light (blinking); limited range of motion. Available from www.msu.edu/unit/artlang

Range of Motion
Full with relative strength

⑨

1. Jelly Bean Switch



The description and vendor can be found on the hand card.

2. Two-Button Foot Switch

The description and vendor can be found on the foot card.



3. Treadle Switch



The description and vendor can be found on the arm card.

Range of Motion
Limited

⑩

1. Piezo Switch



The description and vendor can be found on the head card.

2. Voice Activated Switch

The description and vendor can be found on the other input switch card.



3. Tilt Switch



The description and vendor can be found on the leg card.

Reliable Body Parts
Arm

⑥

1. Treadle Switch



Activated by pressing hard on the hinged top surface; full range of motion and strength. Available from www.tashinc.com

2. Flex Switch

Activated by bending the black rubber tip in any direction; limited range of motion and strength. Available from www.tashinc.com



3. Switcheroo



Activated by pressing the yellow button with the elbow; full range of motion and strength. Available from www.enablemart.com

Reliable Body Parts
Mouth/Tongue

⑦

1. Sip and Puff switch

Activated by a simple sip or puff of air. Available from www.enablemart.com



2. ASL Lip Switch



Activated by lightly touching the switch with the lips or tongue; limited range of motion and strength. Available from www.asl-inc.com

3. Tongue Touch Switch

Activated by touching the ends of the switch with the tongue; limited range of motion and strength. Available from www.enablingdevices.com



Reliable Body Parts

⑧

Other Input Devices

1. Motion Sensory Switch



Activated by the movements in front of the sensor; provides momentary, latched or timed output.

Available from www.enablingdevices.com

2. Voice Activated Switch

Activated by voice output: whisper or loud clap; adjustable to different sounds.

Available from www.enablingdevices.com



3. Sensor Switch



This switch can be placed anywhere on the body; it recognizes any slight movement of the muscles.

Available from <http://www.synapseadaptive.com/switches/>

Reliable Body Parts

④

Foot

1. Two-Button Foot Switch

Activated by foot, can be programmed to perform functions (left/right mouse click); full range of motion.

Available from www.enablemart.com



2. Treadlite Switch



Activated by heels; light pressure to activate; limited range of motion and strength.

Available from <http://www.asl-inc.com>

3. Savant Programmable Foot Switch

Activated by foot; available in single, dual, and triple foot switch configurations; relative strength.

Available from www.enablemart.com



Reliable Body Parts

⑤

Leg

1. Tilt Switch



Activated by leg; when the leg is tilted, the switch will activate; limited range of motion.

Available from www.enablemart.com

2. Mercury Switch

Connect the wristband to the leg, arm, or head; the simplest movement will operate this switch.

Available from www.specialneedstoys.com



3. Leaf Switch



Activated by pressing lightly against the leaf in one direction; limited range of motion.

Available from www.tashinc.com