

**SWITCH-IT®**  
SMART TECHNOLOGIES

# ALTERNATIVE DRIVE CONTROLS



# WHY CHOOSE SWITCH-IT®

While many products utilized for wheelchair applications are borrowed from other industries, SWITCH-IT products are designed specifically for their intended use on power wheelchairs so they operate safely and effectively. We collaborate with our customers and clinicians to design practical and cutting edge products, and we utilize state-of-the-art technology and suppliers for all our components. SWITCH-IT drive controls are designed to work with the majority of power wheelchairs in a plug-and-play fashion, so setting up for wheelchair driving is quick and easy.

SWITCH-IT's humble beginnings trace back to 1988 when Mark Parker, the founder of SWITCH-IT, helped his wife Carol, an occupational therapist, look for a way to help one of her young patients drive a powered wheelchair. Mark drew from his knowledge of highly sensitive and durable proximity sensors and subsequently pioneered their use as drive controls for wheelchair applications. SWITCH-IT was formed as he found how effectively this and other technologies made it possible for people with disabilities to regain mobility and independence.

SWITCH-IT continues to implement ideas from our customers and clinicians, designing new solutions and constantly refining our products. And we continue to evolve by exploring other new technologies and applying them specifically for powered wheelchair mobility.

## OUR PHILOSOPHY

Bringing **smart technologies** to powered mobility in order to help people with disabilities regain mobility and independence.

Our philosophy has served us well over the last thirty years and will continue to do so as we grow and help the powered mobility community both locally and around the world.

MINI PROPORTIONAL JOYSTICKS .....	3
MICROPILOT MICROGUIDE	
COMPACT JOYSTICKS .....	4
VERSAGUIDE	
DRIVE CONTROLS .....	5
COOL CUBE REMOTE STOP SWITCH	
HEAD CONTROLS .....	6
DUAL PRO® RIM PROPORTIONAL HEAD CONTROL SWITCH HEAD ARRAYS	
SWITCHED DRIVE CONTROLS .....	8
SIP 'N PUFF HEAD ARRAY OPTISTOP WITH SIP 'N PUFF	
BUTTONS AND SWITCHES .....	9
MOUNTING SYSTEMS .....	10

# MINI PROPORTIONAL JOYSTICKS

## MICROPILOT AND MICROGUIDE

Proportional input devices offer the fine control users need for independent access of their world. SWITCH-IT offers two options for mini-proportional control: the MicroPilot and MicroGuide. Clients who have very limited range of movement and/or strength can benefit from the zero-throw, force-based MicroPilot. For those clients who would still benefit from light force requirements but need the feedback of joystick movement, the MicroGuide is the ideal choice.

MicroPilot



MicroGuide





# COMPACT JOYSTICKS

## VERSAGUIDE

The VersaGuide is a fully proportional and durable compact joystick that can be mounted virtually anywhere. Its unlimited mounting options are what give the versatile VersaGuide its name.

The VersaGuide comes with two built-in jacks for mode and on/off, called SmartJacks, which are unique to the VersaGuide. The SmartJack sensor input will automatically adapt to both proximity and mechanical switches.

### VersaGuide EZ

The VersaGuide EZ offers a lighter force and shorter throw for users with difficulty reaching maximum movement for full proportional control.

VersaGuide  
with Flex Switches



# DRIVE CONTROLS

## COOL CUBE WITH PRO SPOT SWITCHES

The Cool Cube™ central hub automatically senses the type of switch you have engaged; there is no confusing set up. It is also compatible with all switch alternatives currently available on the market. Users can elect to utilize the Pro Spot™ proportional switches or opt for any combination of switches with which they may already be comfortable.

### PRECISION CONTROL

Pro Spot™ proportional switches offer full and continuous range of speed and direction for superior drivability. As you come in contact with the Pro Spot™ switch, the power wheelchair will begin to move at roughly 40% of programmed speed. With continued pressure (proportionality), the power wheelchair will increase to 100% of programmed speed. This represents a dramatic improvement over current proximity or mechanical switches, which deliver only two options: full on or full off.



### MULTIPLE MOUNTING OPTIONS



## FOR ADDED SAFETY

### REMOTE STOP SWITCH

The Remote Stop Switch allows an attendant to stop a powered wheelchair via an RF remote from up to 30 meters away. (Operating distance dependent on the environment.)



# HEAD CONTROLS

If the client needs proportional control, SWITCH-IT's proportional head arrays offer this feature. Any of our head controls can be combined with all of the WHITMYER® head positioning accessories to provide the most comprehensive head control setup in the industry.

## DUAL PRO®

The Dual Pro is a truly proportional head array with the ability to fine-tune adjustments and provide the user an easy-to-learn, precise, and intuitive driving experience.

The Dual Pro offers a full range of acceleration and deceleration, 360° turning range, and veering control for superior drivability.

The Dual Pro can be programmed conveniently from the back pad of the head array.

It can be personalized and adjusted to each user's strengths and capabilities. The left and right pads can be individually adjusted.



## RIM PROPORTIONAL

Three-direction proportional joystick integrated into a head pad. The drive control can toggle between forward-left-right and reverse-left-right setups, either through a mode-reverse switch or a quick tap of the back pad (depending on the chair electronics).



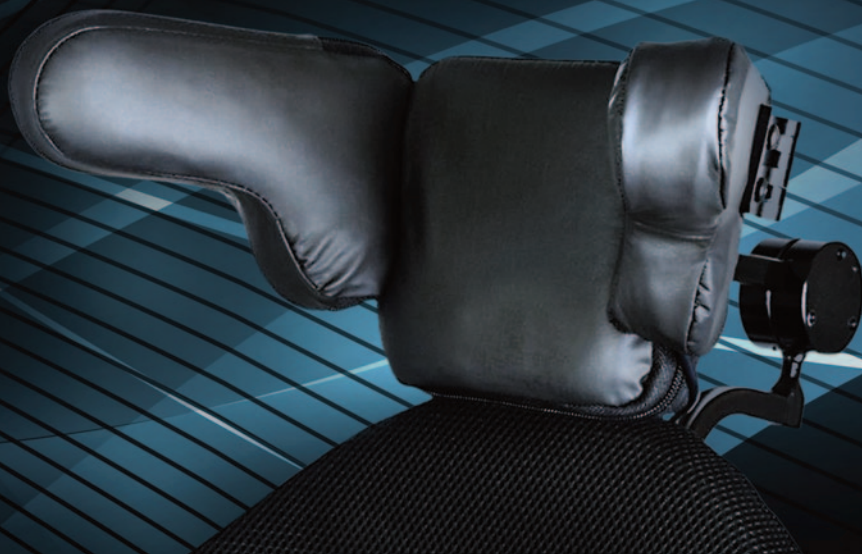


## SWITCH HEAD ARRAYS

If the client needs simple proximity control, SWITCH-IT traditional head arrays use zero-touch proximity sensors which are specifically designed for power wheelchair application. Our sensors comply with RESNA standards for electromagnetic compatibility. SWITCH-IT's proximity head arrays offer comfortable covers and soft foam padding preferred by many users.

### 3, 4, OR 5 SWITCH

The 3-Switch Head Array offers two 3 mm mono jacks for a dedicated external mode switch to provide 4th and 5th functions as desired. The 5-Switch Head Array offers a dedicated sensor for reverse and a dedicated sensor for mode in the opposite wing. A dipswitch panel on the back of the head array gives the ability to turn the sensor on or off as desired.



# SWITCHED DRIVE CONTROLS

## SIP 'N PUFF HEAD ARRAY

Sip 'N Puff pneumatic control allows for independent mobility when extremity and head control are insufficient. The Sip 'N Puff Head Array combo gives the user the ability to turn with side-to-side movement through a head array and drive forward and in reverse through the pneumatic switch when neck extension is compromised. This offers improved control and veering for the user.

### OptiStop with Sip 'N Puff

Sip 'N Puff users who would like a safety stop switch in close proximity to the Sip 'N Puff straw may select the OptiStop with Sip 'N Puff mounting hardware. This system uses a fiber optic switch which senses the presence of the user's lip, cheek, etc., while the chair is driving. If the user moves or falls away from the fiber optic beam, the OptiStop inhibits the system.



OptiStop with Sip 'N Puff



# BUTTONS AND SWITCHES

Individual remote switches for individual access. SWITCH-IT provides a number of different individual switches, which can be used as inputs for drive control systems or other functions.



**2.5" Single Switch**

black, blue, green, red, yellow



**Egg Switch**

black, blue, green, red, yellow



**MicroLite**

black



**1" Single Switch**

black, blue, green, red, orange, yellow



**Wobble Switch**

black



**Mini 1 Button**

blue, green, red



**Mini 2 Button**



**Mini 4 Button**



**Fiber Optic Switch**



**Flex Switch**

# MOUNTING SYSTEMS

## LINK-IT® CONTROL WITHIN REACH

The Link-It® Mounting System is universal, expandable, and designed & tested to stay in place. With its wide range of connecting components and modules, the positioning of a joystick or switch has never been easier. Head support, arm support, knee or back support – an input device can now be mounted wherever the client has best access to it. Link-It is always adjustable, always repositionable.

Just a few examples of the ways you can Link-It...



Mini Joystick  
on Chin Harness



Mini Joystick  
with Extra Switches



Knee Mount



Mini Joystick  
on a SunDisk

Extra Switches  
with a Standard Joystick



Adjustable Chin Mount  
plus Head Controls



Backrest Mount



## OVERWHELMED BY THE POSSIBILITIES?

When ordering a QUICKIE® power chair, select the SWITCH-IT specialty controls or switches you need on the order form. Choose where you want each switch located, and we will use Link-It to mount it exactly where you need it. All you have to do is the final fitting.





# HOW LINK-IT WORKS

Link-It is easily adjustable and configurable in the field.

The Link-It modules and tubes can be combined in nearly limitless configurations, bringing any switch easily within reach.

We make it easy by offering a variety of different tube lengths that can be ordered to length or cut to length in the field.

The unique Link-It design allows virtually any angle, location, or orientation to be achieved. Whatever your client desires, just Link-It.

