



247779

Switch-It TouchDrive2 Owner's Manual

Thank you for choosing a Switch-It Product. We want to hear your questions or comments about this manual, the safety and reliability of your system, and the service you receive from your Authorized Dealer. Please feel free to write or call us at the address and telephone number below:

Sunrise Medical (US) LLC
Customer Service Department
2842 N. Business Park Ave
Fresno, CA 93727 USA
(800) 333-4000



www.sunrisemedical.com/register

Be sure to return your warranty card, and let us know if you change your address. This will allow us to keep you up to date with information about safety, new products, and options to increase your use and enjoyment of this base system.

You can also register your product at:
www.sunrisemedical.com/register

FOR ANSWERS TO YOUR QUESTIONS

Your Authorized Dealer knows your Switch-It Product. best, and can answer most of your questions about system safety, use and maintenance. For future reference, fill in the following:

Supplier: _____

Address: _____

Telephone: _____

Serial #: _____ Date/Purchased: _____

INFORMATION YOU SHOULD KNOW

No component of this system was made with Natural Rubber Latex.



DISPOSAL AND RECYCLING INFORMATION

When this product reaches the end of its life, please take it to an approved collection or recycling point designated by your local or state government. This product is manufactured using a variety of materials, Your product should not be disposed of as ordinary household waste. You should dispose of your system properly, according to local laws and regulations. Most materials that are used in the construction of this product are fully recyclable. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is disposed in a manner that protects the environment.

Ensure you are the legal owner of the product prior to arranging for the product disposal in accordance with the above recommendations.

Dealer signature and stamp

NOTE: Check all parts for shipping damage. In case of damage DO NOT use. Contact Carrier/Sunrise Medical for further instructions.

WARNING

DO NOT install this equipment without first reading and understanding this manual. If you are unable to understand the Warnings, Cautions, and Instructions, contact a qualified clinician or supplier - otherwise injury or damage may occur.



WARNING



This device can be affected by Electro-Magnetic Interference (EMI) and Radio Frequency Interference (RFI).

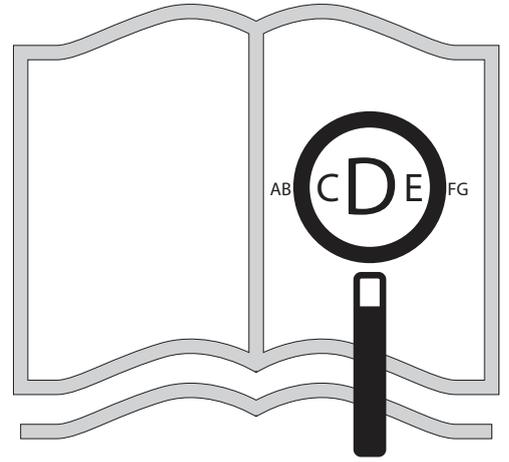
- Radio wave sources, such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones can affect powered control.
- If unintended movement or brake release occurs, turn the power wheelchair OFF and do not operate until inspected, repaired, and/or replaced.
- If the power wheelchair acts in an erratic manner, turn the power wheelchair OFF and do not operate until inspected, repaired, and/or replaced.
- If the joystick stem is damaged, it can cause the power wheelchair to operate erratically, turn the power wheelchair OFF and do not operate until inspected, repaired, and/or replaced.
- If any of the device cabling becomes frayed, cut, or disconnected in any way, turn the power OFF and do not operate until inspected, repaired, and/or replaced.
- Do not rest any objects on the device.
- Do not set any objects on the glass surface (touchscreen).
- Do not use in the rain.
- Ensure glass surface (touchscreen) is free of debris.

User information

Congratulations on choosing a Switch-It product. Sunrise Medical's high-quality mobility products are designed to enhance independence and make your everyday life easier.

As a part of our ongoing product improvement initiative, Sunrise Medical reserves the right to change specifications and design without notice.

This user manual will help you to use and maintain your product safely.



If you are visually impaired,
this document can be viewed
in PDF format at
www.SunriseMedical.com



A. Product Description:

The Switch-It TouchDrive 2 (TD2) utilizes proven cellphone touchscreen technology for ultra-sensitive and precise proportional driving capabilities. The user simply makes contact with the glass surface of the device for activation, there is no force required. Maintaining contact with the screen will allow for full driving capabilities as programmed in the power wheelchair including turning, veering/steering, and spinning.

B. Technical Information:

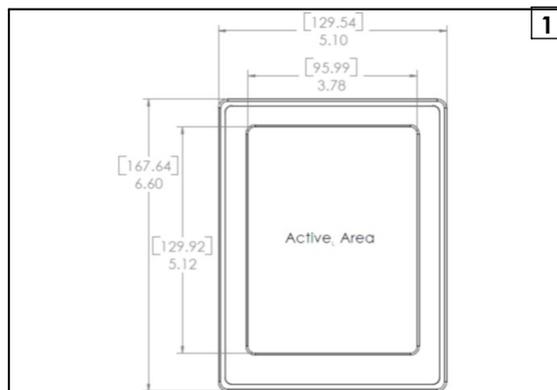
- Alternative Control Type: Proportional
- Activation Type: Capacitive Touchscreen
- Activating Force: No force required, only contact with the touchscreen
- Feedback: Power wheelchair movement
- Connector Type: D-Sub 9 connection to wheelchair display
- Active Screen Area: 5.12" x 3.78" (130mm x 96mm), Figure 1

C. Compatibility

- Penny & Giles R-Net Electronics: Omni is required.
- Curtis Electronics Enable 50: Enhanced Display is required.
- Dynamic Controls DX2: Switch It DX Dongle (DXD) is required.
- Invacare Electronics: Invacare MK6 Sip N' Puff Module (SNPMK6) is required. MicroPilot for Invacare (MP-I) version must be requested at time of order.

D. Key Features

- The TD2 has a built-in mode switch on the bottom part of the screen (Switch-It logo), which can be disabled if not desired, Figure 3. This feature can be enabled/disabled by pressing the green recessed button located on the underside of the device, Figure 4.
- If the built-in mode switch is not desired, there is a 1/8" monojack port for external mechanical mode switches, which eliminates the need to have a switch and extension cable plugged into the Omni or Enhanced Display, Figure 3.
- The TD2 can be configured to work in a simple touch (Absolute Mode) or drag (Relative Mode) manner, depending on the client's usage needs & desires. The TD2 will come from Switch-It in Absolute Mode. To change this mode, press the blue recessed button located on the underside of the device, Figure 4.
 - Absolute Mode – Similar to a standard joystick, the center of the touchscreen is neutral.
 - Making contact anywhere away from center/neutral will drive the power wheelchair in that direction.



Key Features (continued)

- The farther away from the center/neutral contact is made will cause the power wheelchair to drive faster.
- The LED located on the underside of the device blinking **RED** indicates the device is in Absolute Mode and the power wheelchair is driving, Figure 5.
- Relative Mode – This mode allows for center/neutral to be defined by the first touch.
 - First contact with the touchscreen establishes neutral but does not cause the power wheelchair to move.
 - Once contact is established, the user should maintain contact and drag their finger, etc. in the direction they wish to go. The further away from the new center/neutral the user drags, the faster their power wheelchair will go.
 - The LED located on the underside of the device blinking **BLUE** indicates the device is in Relative Mode and the power wheelchair is driving, Figure 5.
- Throw adjustments can be adjusted through the power wheelchair electronics; device needs to be in Absolute Mode.



E. Troubleshooting

Call Sunrise Technical Support at 1.800.333.4000.

WARRANTY

Each Switch-It device is carefully inspected and tested to provide peak performance. Every Switch-It device is covered under a limited, express warranty.

- All **electronic components** are covered under warranty for twelve (12) months from the date of shipment, provided normal use, unless modified or damaged.
- All **mounting hardware** is covered under warranty for twelve (12) months from the date of shipment, provided normal use, unless modified or damaged
- All **wearable items** (covers, pads, etc.) are covered under warranty for three (3) months from the date of shipment, provided normal use, unless modified or damaged.

Warranty claims should be processed through the nearest authorized supplier or dealer. A Return Authorization number must be obtained prior to returning the item for evaluation, along with details of the issue.

Items returned for warranty claim must be evaluated by Switch-It before warranty determination is made. Should a defect in materials or workmanship occur during the warranty period, and the item has not been modified or damaged, Switch-It will, at its option, rework or replace it without charge.

Except for express warranties made herein, all other warranties, including implied warranties of merchantability and warranties of fitness for a particular purpose are excluded. There is no implied warranty beyond what is contained herein. Remedies for breach of express warranties herein are limited to rework or replacement of the goods. In no event shall damages for breach of any warranty include any consequential damages or exceed the cost of non-conforming goods sold.

Website Addresses:

Orders.switchit@sunmed.com

www.SunriseMedical.com

www.switchit-inc.com



Customer Service: 800.333.4000

Fax: 303.928.5495

In Canada: 800.263.3390

Sunrise Medical

2842 N. Business Park Ave.

Fresno, CA 93727 • USA

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