



Please read these instructions carefully before beginning the installation. Failure to understand and follow installation instructions may result in injury to installer and/or end user and may void the warranty. If you have any questions call Sunrise Medical Technical Support at 800-376-9888.

A. Product Description:

The Switch-It DX Dongle (DXD) allows Switch-It specialty drive controls to be used on DX Systems and is very easy to use:

1. Create a profile for Remote Joystick Module (RJM),
2. Plug in the DXD to the power wheelchair with the Dynamic cable connection, Figure 1,
3. Plug the Switch-It specialty drive control into the DXD, Figure 2,

The chair is ready to drive!

B. Technical Information:

- Control Type: Proportional specialty drive control interface for Dynamic Controls systems
- Connector Type: DX Bus Cable
- Enclosure Dimensions: 5.5" L (140 mm) x 2" (50 mm) W
- Cable Length: 3 feet (1 meter)

C. Compatibility:

The Switch-It DXD is compatible with all power wheelchairs operating Dynamic Controls systems and Switch-It specialty drive controls.

D. Key Features:

The mode and profile jacks are red and white jacks on a Y-cable out of the enclosure, Figure 3.

E. Calibration:

First time a drive control is plugged into the dongle.	Device goes through a 20 second calibration process, wait for the status indicator to stop flashing. Once it quits flashing it is ready to drive.
Power cycle with previously calibrated devices.	Restarting with a drive control that has been through the initial calibration process will be a quick calibration, 3 to 5 seconds. Do not touch the drive control during this time.
Touching drive control during a calibration process	If you try and use the drive control when it is trying to go through the calibration process it will restart the first time calibration of 20 seconds.

F. Troubleshooting:

The DXD LED Status Indicator is visible through the lens on top of the enclosure:

Indicators	
Steady Red	Device ready to drive
Slow Flash Red	Device Calibrating
Fast Flash Red	Device Malfunctioning

If there is a fast flashing red LED, these are a few common reasons:

1. First time calibration, simply restart and do not touch the drive control.
2. Drive control was touched during the calibration sequence.
3. Malfunctioning unit, call manufacturer.

Call Sunrise Technical Support at 1.800.333.4000 for further assistance.



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.

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.

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