

Operating Instructions

Switch for Motor with Built-in Low Voltage by Draper

⚠ **Caution**

- ① Read instructions through completely before proceeding.
- ② Follow instructions carefully. Installation contrary to instructions invalidates warranty.
- ③ Operating switch(es) packed separately in screen carton. Do not discard with packing material.

These instructions are meant as a guide only. They do not imply any responsibility on the part of Draper, Inc. for improper installation or faulty workmanship at the jobsite.

Limit Adjustments (Built-in Low Voltage Motors)

Please Note: Screen limits are factory set for optimum performance of the screen. Any adjustment of these limits could void the warranty. Please check with Draper prior to resetting screen limits.

⚠ CAUTION: Always be prepared to shut screen off manually when new adjustment is being tested. Screen may be severely damaged if viewing surface is allowed to run too far up or too far down.

⚠ CAUTION: Be sure all switches are in "off" position before adjusting limit switches.

- ① Connect the low voltage switch to the motor via the terminal blocks, or via the modular port using four conductor modular cable. When using modular cable, the cable connectors MUST NOT be crimped in reverse, as with standard telephone cable.
- ② Set the slide switch to the lower position. Press and hold the DOWN button on the switch to move the viewing surface to the desired lower limit. If the screen moves in the opposite direction, release the DOWN button and press and hold down the STOP button for four seconds. This will reverse the operation of the UP and DOWN switches.
- ③ Move slider switch into center position. Wait a couple of seconds.

Please Note: If you move the slider switch from down to up in one motion it sets the two limits in the same position.

- ④ Set the slide switch to the higher position. Move the viewing surface to desired upper limit by pressing and holding the UP button on wall switch.
- ⑤ Return the slide switch to the center position to return to normal operation.
- ⑥ To set the viewing surface to an alternate format position, move the viewing surface to the desired position and press the STOP button. Press and hold the STOP button for at least three seconds to record the position.

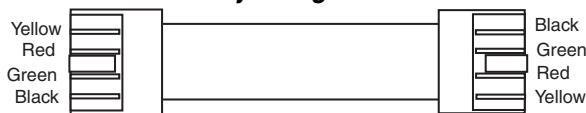
Normal Switch Operation

- ① Pressing and releasing the UP button on the switch will move the screen to its upper limit. Pressing and releasing the DOWN button will move the screen to its lower limit.
- ② While the motor is in motion, pressing STOP for less than two seconds will stop the viewing surface at its present position.
- ③ While the motor is stopped, pressing the STOP button will move the viewing surface to its alternate format position.
- ④ Pressing and holding the STOP button, when the motor is at rest or in motion, for at least three seconds will record a new alternate format position.

Please Note:

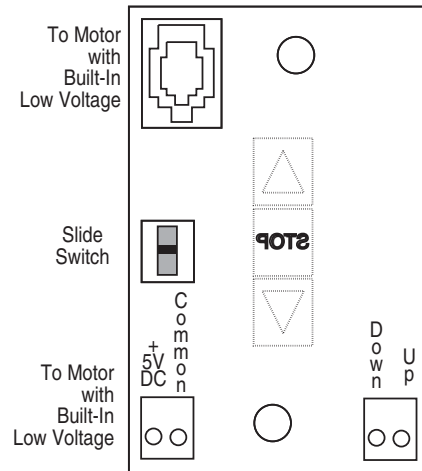
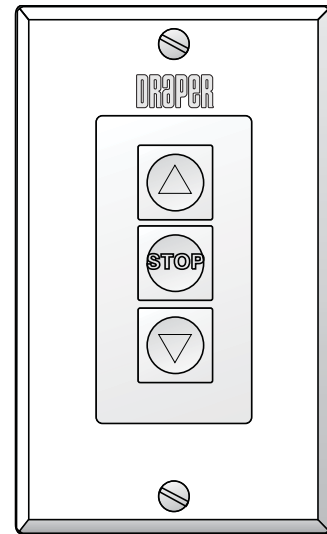
This switch must be connected using **electrically straight** 4-conductor modular cable that is the same size as is used in telephone handsets. This means colors do not cross over: blue leads to blue, orange to orange, etc (see diagram below). Use RJ9 connectors. Use RJ9 connectors.

Electrically Straight Data Cable



DRAPER®

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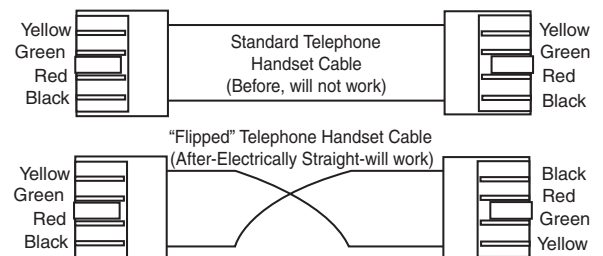


Back View

POSITION	FUNCTION
DOWN	Set LOWER limit
UP	Set UPPER limit
CENTER	Normal Operation

Using Telephone Handset Cable

If you use standard telephone handset cable, you must first remove one RJ9 connector, turn it over and re-attach, to ensure that the cable is electrically straight (see diagram below).



If you encounter any difficulties with your Switch for Motor with Built-In Low Voltage, call your dealer or Draper Inc., Spiceland, Indiana, (765) 987-7999 or fax (765) 987-7142.