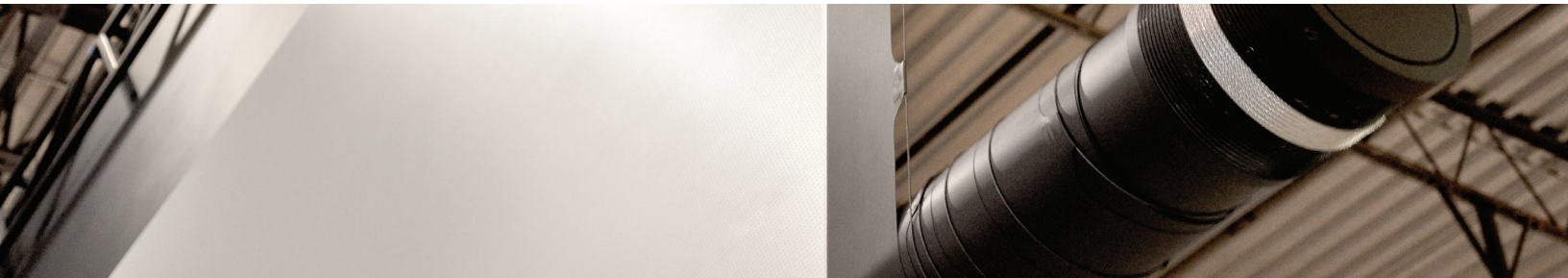# STRONGVIEW XL MOTORIZED SCREENS

## INSTRUCTIONS



## ⚠ READ ALL INSTRUCTIONS BEFORE USE

▶ **Always leave enough screen material rolled on tube for at least one whole rotation.**

▶ **These units should only be installed, operated and serviced by qualified technicians.**

▶ **Screens should never be operated over areas where people are present.**

▶ **Do not tilt screen assembly.**

## INSPECTION AND PREPARATION

**1.** Before installing, inspect the screen and truss for any foreign objects, dirt or damage that may have occurred during transport.

**2.** Manipulate the screen very carefully to avoid any damage.

**3.** Use a minimum of 3 equally distributed attachment points to hang the steel truss and make sure the suspension system does not interfere with screen operation.

**4.** Once the screen is installed, remove the foam from the tube. Make sure the tube is suspended and that there is tension on every cable.

**5.** Verify that the cable winds toward the screen on the tube.

**6.** Make sure nothing is under the screen that could interfere with the tube as it goes down.

**7.** Verify that the screen is level once installed (on the 2 axis).

**8.** Remove the yellow lock pins from both sides before use.

### ⚠ WARNING

**REMOVE THE YELLOW LOCK PINS FROM BOTH SIDES BEFORE USE**

Motor side



End



Always leave enough screen material rolled on tube for **at least** one whole rotation.

**STRONG** | **MDI**

▶ **POWER**

100-125 VAC 60 Hz
6,5 A

▶ **MOTOR**

0.5 HP Permanent
magnet DC gear motor

▶ **DRIVE**

Microprocessor
regenerative SCR drive
with dynamic brake

▶ **CONTROL VOLTAGE**

12-20 volts VDC,
100 mA

## ELECTRICAL HOOK-UP

**Strong | MDI** supplied a power cord with connectors. An AC grounded extension cord is needed to plug motor drive and wireless control interface.

## REMOTE CONTROL CONNECTIONS

**NC:** No connection
**P1:** Stop #1
**P2:** Stop #2
**P3:** Stop #3
**P4:** Stop #4
**SP:** Stop / program

**GD:** - / - Led
**AS:** Alt. stop (for limit switch)
**VC:** VCC (common)
**LD:** Led +
**J⇐:** Jog left
**J⇒:** Jog right

**Control cable shield should be hooked up to the GD on one end of the cable.**

## ⚠ WARNING

### DISCONNECT POWER BEFORE MECHANICAL OR ELECTRICAL SERVICING.

This screen may be remotely started at any time without warning.



## REMOTE CONTROL WIRING

Follow the schematic to program up to 10 different stop positions with the keypad.
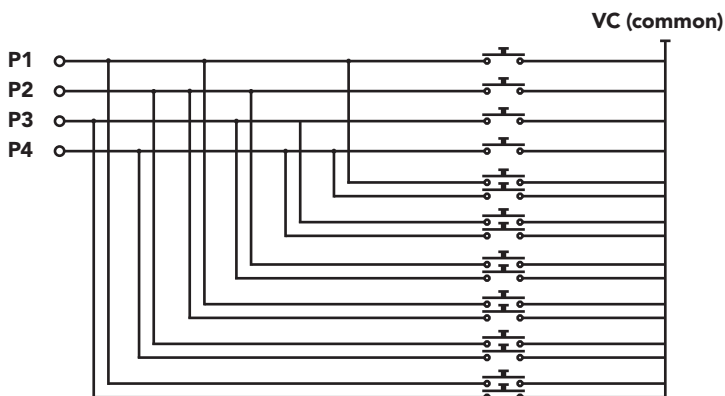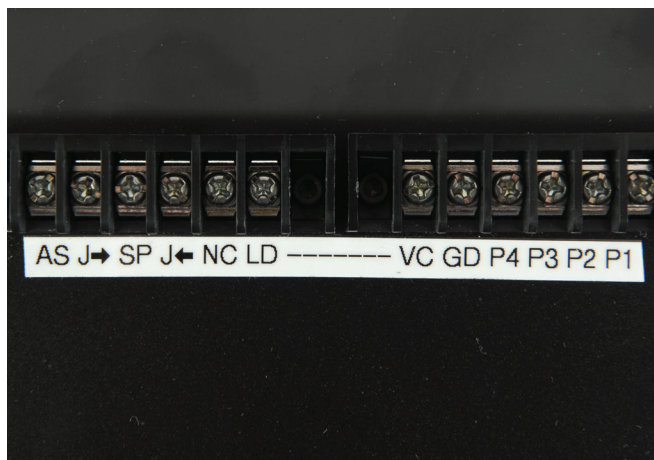
1 877 755-3795
sales@strongmdi.com
www.strongmdi.com

## FUSE REPLACEMENT
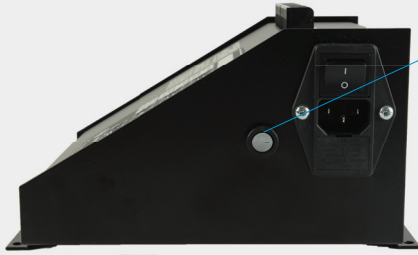
### MOTOR FUSE

▸ The motor fuse is located beside the power fuses in its own holder.

▸ Use a 7 Amps 250 V AC SLOBLO fuse.

▸ Use a flat screwdriver to access fuse

## FUSE REPLACEMENT

### POWER FUSES

▸ The power fuses are located on the fuse drawer accessible by a slot, as indicated by the arrow.

▸ Use 10 AMPS 250 V AC fuses

▸ Use a flat screwdriver to remove the fuse drawer

**VOLTAGE SELECTION** ▽
**Align triangles to select proper voltage** △

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1. Position 1 / JOG
2. STOP KEY
3. Position 2 / JOG
4. On / Standby

## WIRELESS REMOTE

**Strong | MDI** has provided you with a handheld wireless remote. The maximum operating range is 70 feet. To exit standby mode simply press the stop button.

*Program position:*
Press simultaneously the S/P and a numbered button until the led flashes.
Position the motor Select speed. (1:slow, 4:fast).

*Clear memory:*
Press S/P, => and <= simultaneously until led goes off.

**In operating mode, ⇐ or ⇒ (jog) travel is limited by the furthest stops.**

## PROGRAMMING

**PLEASE NOTE THAT THE POSITIONS HAVE BEEN PRESET BEFORE SHIPPING;**
The instructions below are provided in case adjustments are necessary

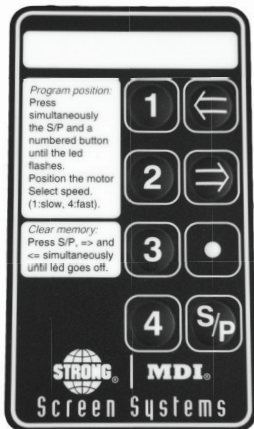**THE UNIT IS ALREADY PROGRAMMED AS FOLLOWS:**
Position #1: screen up.   Position #2: screen down.

**FOLLOW THESE STEPS TO ADJUST SCREEN POSITIONS:**

**1.** Press the STOP KEY on the wireless remote if it has been used 2 minutes prior to programming.

**2.** Simultaneously press S/P and 1 (up position) or 2 (down position). Release when led flashes.

**3.** Jog to required position.

**4.** Select speed. (1 slow, 4 fast)

**RESET (ERASE MEMORY)**
Simultaneously press S/P, ⇐ and ⇒. Release when led goes off.