

STRONGVIEW & STRONGVIEW L MOTORIZED SCREENS

INSTRUCTIONS

READ INSTRUCTIONS BEFORE USE

- ▶ This unit 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. Verify that the screen is level once installed (on the 2 axis).

ELECTRICAL HOOK-UP

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

The connection to the AC power should be done by qualified personnel only to avoid injuries and/or damage to the unit.

WARNING

DISCONNECT POWER BEFORE MECHANICAL OR ELECTRICAL SERVICING.

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



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▶ **POWER**

120V: 100-125
VAC 60 Hz 3,1 A

220V: 220-230
VAC 50 Hz 2A

▶ **MOTOR**

120V: 0.5 HP AC
tubular motor

220V: 0.5 HP (440
watts) AC tubular
motor

▶ **TORQUE**

120V: 80 N.m
(700 lb-in)at 15 RPM

220V: 80 N.m. (700
lb-in) at 12 RPM

▶ **CONTROL VOLTAGE**

12-20 volts VDC,
100 mA

▶ **PRESET/SPEEDS**

2 preset positions,
1 speed available

▶ **SYSTEM LIMITS**

26 output shaft rotations;
40' of travel max.



WIRELESS REMOTE

A handheld wireless remote for the AC masking motor is included with the screen. These motors can be triggered by the wireless remote and/or by connecting to an automation system.

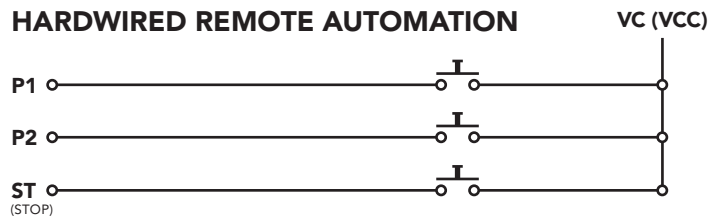
When using an automation system, we recommend using the wireless remote for set-up or to jog to a temporary position if required.



HARDWIRED CONTROL CONNECTIONS

- NC: No connection
- NC: No connection
- VC: VCC (common)
- ST: Stop
- P1: Stop #1 / Jog / Close
- P2: Stop #2 / Jog / Open

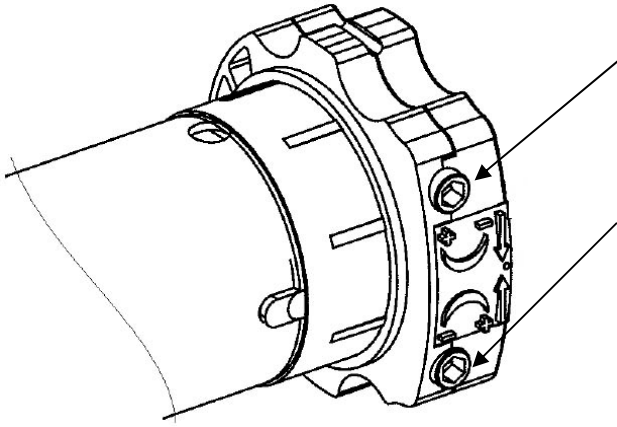
HARDWIRED REMOTE AUTOMATION



NOTE: Double pole pushbuttons are not required. Momentary pushbutton action is required.

SETTING THE POSITIONS

Please note that the positions have been preset before shipping; the instructions below are provided in case adjustments are necessary.



SETTING THE UPPER LIMIT

Upper limit screw (when the motor is on the right side)

Lower limit screw (when the motor is on the left side)

- ▶ Turn the UP limit screw counterclockwise until necessary.

SETTING THE LOWER LIMIT

Lower limit screw (when the motor is on the right side)

Upper limit screw (when the motor is on the left side)

- ▶ Turn the DOWN limit screw counterclockwise until necessary.

NOTE: Because of the built-in thermal protection feature, the motor may shut off automatically after running without interruption for an extended period of time.

Please wait until the motor has cooled off and is ready for operation again (approximately 10-15 minutes).