

# SVS LOW VOLTAGE CONTROLLER

## How to use the low voltage controller:

**a.** To lower the lift to the show position, turn the keyswitch to the "show" position and press the toggle down. The lift will stop once the roller compresses the show microswitch. The service mode is used to bypass the adjusted show position and to set the lift in a service mode, turn the keyswitch to the "service" position and press the toggle switch down. When the lift reaches its down limits, the lift will stop.

**b.** To raise the lift back to a storage position, turn the keyswitch to "service" and press the toggle switch up. The lift will stop once its top frame compresses the up limit switches.

Note: The "up" switch works in both "service" and "show" position on the key switch.

Important: when the lift is set in a service mode, the lift will lower until it has reached its down limit switches. The toggle switch on the control plate needs to be pressed at all times to activate the lift. It is designed as a safety feature (the lift can be stopped at any time). The key is an extra precaution as well: when removed, the lift is secured. If an external controller is use, please make sure that no object is standing in the lift path as it lowers to a service position.

<u>LIFT SPECIFICATIONS</u>		
	USA	INTERNATIONAL
<b>VOLTAGE</b>	110V/60HZ	220V/50HZ
<b>LOW VOLTAGE CONTROLLER</b>	24v/ac	24v/ac.
<b>CURRENT DRAW</b>	2.3 amps	2.3 amps/1.2 amps
<b>MATERIAL</b>	Steel/Aluminum	Steel/Aluminum

**Power Requirements:** 110v/50-60hz -220v/50-60hz

**Low Voltage Controller:** Supplied with the lift. 12 pin connector plug. 75' of Cable (22 gauge/9 conductor).

## WHEN USING A TOUCH SCREEN CONTROLLER:

If an external controller is to be used (AMX, Crestron), please refer to the wiring diagram.

## INSTRUCTIONS:

- Program a release of relays to stop on up and down positions.
  - Program a time out after the normal run time, 1 or 2 seconds max.
1. Program an exclusive lockout on up and down so both positions cannot be activated at the same time.
  2. Hold relays on to move the lift and release relays to stop the lift -always time out or release relay after normal use. **IMPORTANT:** Never leave voltage on the up and down. Always release voltage immediately after the travel time has been achieved.

**IF USING ANY OTHER SYSTEMS, PLEASE CONTACT SVS FOR PROPER WIRING TO AVOID UNSAFE OPERATIONS.**