**PA-31**

**Data Sheet**

<table>
<thead>
<tr>
<th>Control Ability</th>
<th>Single Channel Control</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Voltage</strong></td>
<td>12VDC</td>
</tr>
<tr>
<td><strong>Output Power</strong></td>
<td>12VDC</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>20A</td>
</tr>
<tr>
<td><strong>Kit Includes</strong></td>
<td>2 Hand Remotes, 1 Control Box, Wire Harness</td>
</tr>
<tr>
<td><strong>Remote Functions</strong></td>
<td>Up, Down, Pause (Momentary &amp; Non-Momentary)</td>
</tr>
<tr>
<td><strong>Remote Battery Type</strong></td>
<td>2x CR2016 3V Lithium Cell</td>
</tr>
<tr>
<td><strong>Size (L x H x W)</strong></td>
<td>3.5” x 1.1” x 2.7”</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.45 lbs</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>18 Months</td>
</tr>
</tbody>
</table>
Dimensions

2.7" 

0.5" 0.1" 

ACTUATOR

Type: DC Motor, Bi-directional
No. Connections: 2

Power Supply
(not included)

120/220VAC-

RED Wire to +V
BLACK Wire to COM

Wiring Diagram
Momentary/Non-Momentary Mode

**Momentary Mode**
- Ensure the Jumper S1 on the PCB is connected
- Hold UP to extend the actuator, let go to stop the actuator
- Hold DOWN to retract the actuator, let go to stop the actuator

**Non-Momentary Mode**
- Ensure the Jumpers S1 on the PCB is disconnected
- Press UP to extend the actuator, Press UP again to stop the actuator
- Press DOWN to retract the actuator, Press DOWN again to stop the actuator
- If DOWN is pressed while the actuator is extending, it will reverse direction and begin to retract

Remote Synchronization Process

- Open the control box and press the white button. the blue LED will turn on
- Press any button on the remote and the LED will turn off
- The remote is now saved to the control box
- A maximum of two remotes can be saved to one control box