# PA-31 Data Sheet

**Control Ability**: Single Channel Control

**Input Voltage**: 12VDC  
**Output Power**: 12VDC  
**Current**: 20A  
**Kit Includes**: 2 Hand Remotes, 1 Control Box, Wire Harness  
**Remote Functions**: Up, Down, Pause (Momentary & Non-Momentary)  
**Remote Battery Type**: 2x CR2016 3V Lithium Cell  
**Size (L x H x W)**: 3.5" x 1.1" x 2.7"  
**Weight**: 0.45 lbs  
**Warranty**: 18 Months
ACTUATOR
Type: DC Motor, Bi-directional
No. Connections: 2

Dimensions

Wiring Diagram

120/220VAC-

RED Wire to +V
BLACK Wire to COM
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