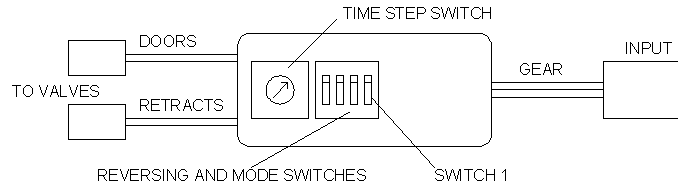


## Valve Sequencer

The Valve Sequencer is an accessory for sequencing the operation of retracts and doors, and directly interfaces to electrically operated air valves. A Mode switch selects doors open or closed with retracts in the down position. The delay between each operation is adjustable in steps of 0.5 seconds from 1 to 8.5 seconds.



Switch Position	Delay (Seconds)	Switch Position	Delay (Seconds)
0	1	8	5
1	1.5	9	5.5
2	2	A	6
3	2.5	B	6.5
4	3	C	7
5	3.5	D	7.5
6	4	E	8
7	4.5	F	8.5

### Instructions

Set the Mode switch, Switch 3, to the On position for doors open with retracts down, or Off for doors closed. For safety reasons, the Mode switch position is only checked at power up. If the switch position is changed, turn the receiver off and then on for the new mode to take effect. This does not apply to reversing, which takes effect immediately. Select a delay longer than the expected operation time of the doors and retracts. With no mechanical connections to the doors or retracts, test the operation of the valves and actuators. If needed, use Switch 1 or 2 to reverse the valve direction. Switch 1 reverses the Door valve, while Switch 2 reverses the Retract valve. Select the correct gear channel reversing on the transmitter, making sure the travel volume is 100%.

**WARNING:** At power up, the sequencer sets the doors and retracts to the position as set by the transmitter gear switch. Damage may occur to mechanical parts if the retracts are in the opposite position to the gear switch. **Always set the gear switch on the transmitter to the current retract position before turning the receiver on.**

Complete the assembly of the system and test. For lowest power consumption, set the valves so they are off with retracts up. Adjust for the smallest delay that allows the system to work reliably without binding or jamming.

### Specifications

Size: 75 x 22 x 11mm

Weight: 20g

Voltage: 4 or 5 Cells, Reverse Polarity Protected

Valve Current Consumption: 100mA per activated valve

Delay Range: 1 - 8.5 seconds, adjustable via a sixteen position rotary switch