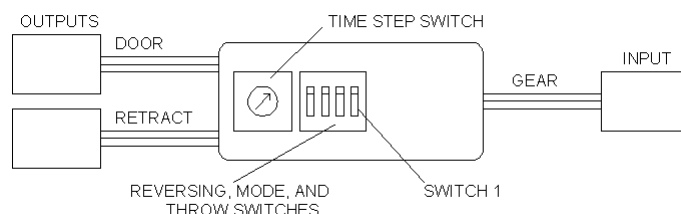


## **Retract Sequencer**

The Retract Sequencer is an accessory for sequencing the operation of retracts and doors. A Mode switch selects doors open or closed with retracts in the down position. A Throw switch allows the selection of two ATV's for door and retract servo throw. 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*

Connect the unit as shown above. 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 and ATV switch positions are only checked at power up. If the switches are changed, turn the receiver off and then on for the new modes to take effect. This does not apply to servo reversing, which takes effect immediately. Select a delay longer than the expected operation time of the doors and retracts. With no mechanical or air connections to the doors or retracts, test the operation of the servo's. Switch 1 reverses the Door servo, while Switch 2 reverses the Retract servo. Select the correct gear channel reversing on the transmitter, making sure the travel volume is 100%. Switch 4 sets two levels of Door and Retract servo ATV, with Off giving 100%, and On giving 80%.

**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. 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

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