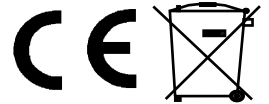


# S.M. Services (UK) Ltd

18 Orchard Way, Cranfield, Beds. MK43 0HU. Tel 01234 751095

## Retract Sequencer Type 1



### Specifications

Size. 32mm x 22mm x 15mm

Construction. Boxed.

Connections. Via fly leads and universal plugs

Operating Voltage. 4 to 10v DC

Operating Current. 5mA @4.8v plus servo current.

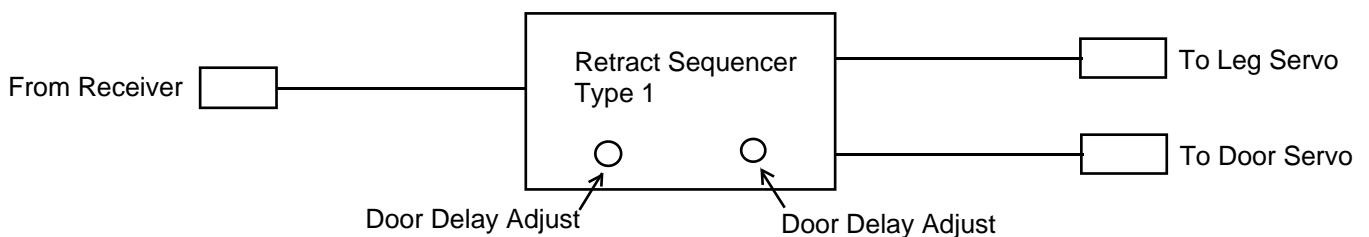
Output. Nominal 1 to 2 milli second positive pulse.

Time delay. 1.2 second increments. Maximum delay 16 increments.

Please note the delay is based upon a nominal TX frame rate of 20 milli seconds, actual delays are therefore TX dependent.

### Description.

This module is designed to allow the correct sequencing of two servo's from a single RX retract output. When the module receives the signal to deploy the retracts it initiates the following sequence, door open, retract down, when the opposite signal is received the sequence is, retract up, door close. it should be noted that the two delay times are independent and can be adjusted up to the maximum delay. Please note that the delay adjusters are micro miniature pots. ( you may find it easier to remove the unit cover to adjust the delay times) Power on should take place at the fully retracted or fully deployed position.



### Standard receiver wiring connections.

<u>Lead function</u>	<u>Futaba</u>	<u>JR/New Sanwa</u>	<u>Hitec</u>	<u>Sanwa (old)</u>
Positive = +	Red	Red	Red	3
Negative = -	Black	Brown	Brown	2
Signal	White	Orange	Yellow	1

Please refer to your equipment instructions for wiring codes if they are not listed.

## WARNING

1. Do **NOT** reverse positive and negative wires. (Red and Black)
2. **ALWAYS** remove power from the unit before connecting or disconnecting any input or output connection, Failure to observe this instruction can damage both the unit or the equipment it is connected to.
3. **ALWAYS** range check when adding to or changing the control system of a model.
4. S.M. Services (UK) Ltd products are tested for use on the UK 35 Mhz aircraft frequency, use on other frequencies should not be a problem, however use on frequencies other than 35 Mhz is at the users risk.

If you have any questions or problems with this product please contact us, we are here to help you.

### Your Guarantee

S.M. Services (UK) Ltd guarantee all products for 1 year from date of purchase. During this time S.M. Services (UK) Ltd will repair or replace all defective products free of charge, except for Units subject to fair wear and tear, or units that are subject to crash damage. To qualify for benefits under the guarantee you must have installed and used the product in accordance with S.M. Services (UK) Ltd instructions. Consequential losses and accidental damage to the product are not covered by the guarantee. S.M. Services (UK) Ltd cannot be held responsible for results of using our products for any purpose other than those described in the relevant instructions.

### Returns

Any returned products ordered in error or are not required will if returned unopened in original product packaging within 28 days from date of purchase be subject to a full refund less shipping charges and a 5% handling charge. All other returns will be subject to a full refund less shipping charges and a 20% handling charge.