



# RTS 25 DC

## Inteo DC Headrail Control

### Installation and Operating Instructions



#### DESCRIPTION



SOMFY'S RTS 25 DC radio control for 24VDC motors is available for internal and external headrail mounting. Both provide lift, tilt, and intermediate stop functions for a variety of interior window covering applications. Remote control is possible through the use of SOMFY's Telis 1 & Telis 4 radio remote transmitters, wireless Decora RTS wall switches, or Chronis RTS timer.

#### PROGRAMMING PROCEDURES

##### TO ADD A NEW TRANSMITTER TO THE MEMORY OF THE RECEIVER

- Press the programming button, for more than 2 seconds, on a transmitter that is already memorized by the RTS 25 DC to wake up the receiver. The window covering will move briefly.
- Press the programming button on the new transmitter to be added. The motor will respond by moving briefly, this transmitter is now memorized.

##### TO REMOVE A TRANSMITTER FROM THE MEMORY OF THE RECEIVER

- Press the programming button, for more than 2 seconds, on a transmitter already memorized but not the one to be removed. The motor will move briefly.
- Press the programming button on the transmitter to be removed. This transmitter will no longer operate the RTS 25 DC.

##### TO REMOVE ALL TRANSMITTERS FROM THE MEMORY OF THE RECEIVER (Resetting of the RTS 25 DC)

- Press the programming button of the RTS 25 DC for 10 seconds, the window treatment will move briefly.
- This removes ALL memorized transmitters, intermediate positions, speed and tilt settings..

#### LIFT ONLY APPLICATIONS

##### RECORDING THE INTERMEDIATE POSITION FROM THE TOP OF THE WINDOW TREATMENT

- Bring the window treatment to its upper limit using the Telis transmitter, press the CENTER button. Press the CENTER and DOWN buttons simultaneously until the window covering begins to move, then release.
- Stop the window treatment at the intermediate position desired.
- Press the CENTER button for 5 seconds to memorize that position, the motor will respond by moving briefly.

##### RECORDING THE INTERMEDIATE POSITION FROM THE BOTTOM OF THE WINDOW TREATMENT

**NOTE: This position must be more than 6 seconds running time from the lower limit.**

- Bring the motorized treatment to its lower limit, press the CENTER button. Press the CENTER and UP buttons simultaneously until the motor begins to move, then release.
- Stop the window treatment at the position desired. THIS POSITION MUST BE AT LEAST 6 SECONDS RUN TIME FROM THE LOWER LIMIT. Press the CENTER button for 5 seconds to memorize that position, the motor will respond by moving briefly.

##### DELETING AN INTERMEDIATE POSITION

- Briefly press the CENTER button of the Telis transmitter to reach the desired intermediate position.
- Press the CENTER and UP buttons for 10 seconds. The upper position is now deleted.
- Press the CENTER and DOWN buttons for 10 seconds. The lower position is now deleted.
- Press the CENTER button for 10 seconds to erase both intermediate positions.

#### LIFT & TILT APPLICATIONS

##### ADJUST THE TILT SPEED

- Move the window treatment down approximately  $\frac{3}{4}$  closed using the Telis Transmitter.
- Press the UP, DOWN and CENTER buttons together for 2 seconds. The motor will respond by tilting slowly.
- Press the UP button to increase the tilt speed, or the DOWN button to decrease the speed.
- Press the CENTER button for more then 5 seconds once the desired speed is reached. The motor will move briefly to indicate the speed is memorized.

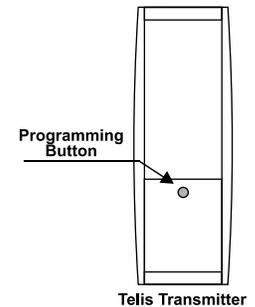
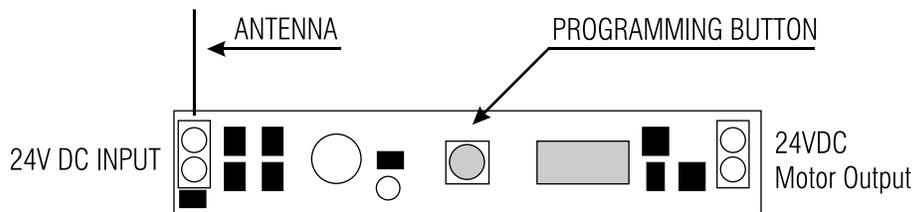
##### PROGRAMMING THE AUTOMATIC SLAT TILTING POSITION

- Move the window covering to its upper limit using the Telis Transmitter.
- Press the CENTER and DOWN buttons until the motor begins to move, then release. Stop the window covering at the desired position.
- Press the CENTER button for 5 seconds to memorize that position, the motor will respond by moving briefly.
- Press the CENTER and UP buttons until the window covering begins to move, then stop it immediately.
- Adjust the tilt angle by pressing the UP or DOWN buttons. Press the CENTER button for 5 seconds to memorize the tilt position. The motor will respond by moving briefly.

##### DELETING THE AUTOMATIC SLAT TILTING POSITION

- Press the CENTER button for 5 seconds. The window covering will move briefly, indicating this feature has been deleted.

## WIRING DIAGRAM



## OPERATING INSTRUCTIONS

### System Set Up

1. Fit 2 headrail adapters onto the RTS 25 DC. With power off, connect the 24V DC supply and Concept 25 motor as indicated above. Slide the RTS 25 DC into the headrail, making sure the antenna stays outside the headrail. Turn all circuit breakers on (motors should not move).
2. Set the RTS 25 DC into programming mode by pressing the programming button on the receiver until the window treatment moves briefly (about 5 seconds).
3. Press the programming button on the Telis or other RTS transmitter. For four channel devices, make sure the desired channel is selected first. The window treatment will move briefly, indicating the transmitter has been memorized.
4. Operate each motor in the DOWN direction using the radio transmitter. The motorized treatment should move down or out. If this is incorrect, turn off the circuit breakers and reverse the motor wires.

3. To reach one of the intermediate positions, the awning or rolling shutter must first be at the upper or lower limit, and stopped. Pressing the center button on the transmitter will move the window treatment to the dedicated position.

### LIFT AND TILT OPERATION

1. Pressing the UP button on the Telis transmitter will move the window treatment up or in. The DOWN button will move the treatment down or out. To stop the motorized treatment at any time, press the CENTER button on the transmitter.
2. To operate the tilt function in horizontal blind applications, simply press and hold the directional button on the transmitter. When the desired angle is reached, release the directional button.
3. The tilting speed can be adjusted faster or slower. Move the window treatment down part way using the Telis transmitter. Then press the UP, DOWN and CENTER buttons together for 2 seconds. The motor will respond by tilting slowly. Press the UP button to increase the tilt speed, or the DOWN button to decrease the speed. Press the CENTER button for more than 5 seconds once the desired speed is reached. The motor will move briefly to indicate the speed is memorized.
4. An automatic slat tilting position can also be programmed. This will automatically override any intermediate positions previously programmed. To reach this position, the window covering should first be at the upper limit and stopped. Pressing the CENTER button on the Telis transmitter will automatically move the treatment to the memorized position and open the slats.

### Operating Procedures

#### LIFT ONLY OPERATION

1. Pressing the UP button on the Telis transmitter will move the window treatment up or in. The DOWN button will move the treatment down or out.
2. To stop the motorized treatment at any time, press the CENTER button on the transmitter.

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