

Rollix® RTS

Quick Commissioning Guide HW



Contents

Rollixo RTS Solutions	Page 3
Rollixo RTS Control Panel Overview	Page 4
Rollixo RTS Control Panel Mounting	Page 4
Somfy RDO Motor Wiring	Page 4
Safety Brake Wiring & Powering Up Rollixo RTS	Page 5
Somfy RDO Motor Direction of Rotation Setting	Page 6
Somfy RDO Motor Limit Setting	Page 7
OSE Safety Edge Hard Wired Connexion	Page 8
Pairing Keygo RTS keyfob's	Page 8
Locking out the Panel	Page 9
Deleting Controls/Transmitters	Page 10
Complete Check List	Page 11

More information from fitters guides to marketing brochures and videos
Please visit www.Rollixo.co.uk

Rollixo RTS Solutions

This quick guide provides basic installation and commissioning guidance based on the Somfy Rollixo RTS controller and safety edge solutions. Refer to the main Rollixo RTS controller and safety edge installation guides where more in-depth information relating to the installation procedure of the Rollixo RTS system is required.

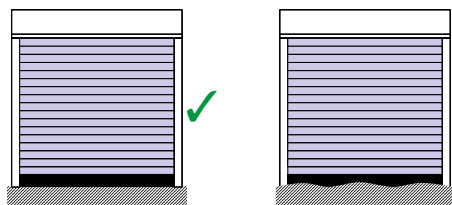
Rollixo RTS Safety Edge Solutions

There is one Somfy hardwired safety edge solution available with the Rollixo RTS:

Rollixo RTS OSE - OSE stands for 'Optical Safety Edge'.

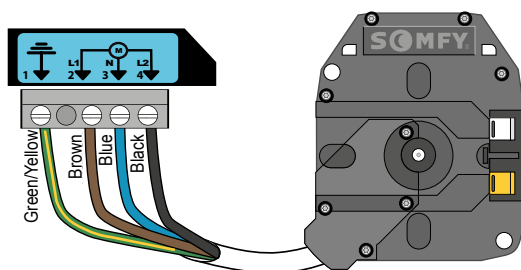
This is supplied with a safety edge via a hard wired spiral cable and is connected to a Somfy optical safety edge system. The optical safety edge consists of two optical cells mounted at each end of a rubber profile. The cells project an optical beam through a hollow section of the profile, it becomes obscured once the rubber profile is depressed. This in turn results in a signal from the safety edge, indicating that an obstacle has been detected.

Additional steps must be taken to ensure the straight edge of the door meets with the straight edge of a floor extending into the guides. Failure to do so will result in; air + light gaps, false activations of the edge etc.

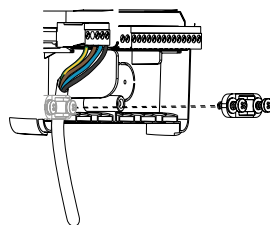


“Please refer to the Installer Guide provided with every Rollixo, here you will find the basic principles and operating parameters for any CE compliant safety edge system”

Somfy motor wiring



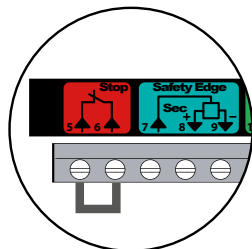
Connect the motor wires into terminals 1, 2, 3 and 4 as illustrated above.



Secure the motor supply cable in place with the cable clamp.

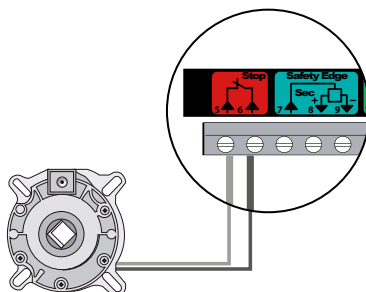
Note: The motor direction can be reversed during the commissioning procedure.

Safety brake wiring



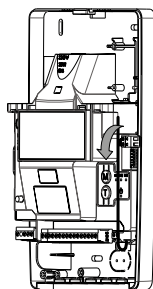
Use the link provided to connect terminals 5 and 6

OR

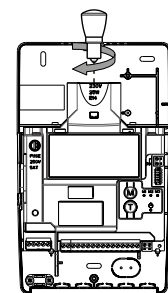
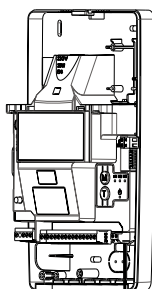


Connect the electrical safety brake into terminals 5 and 6.

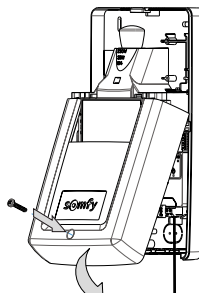
Powering up the Rollixo RTS



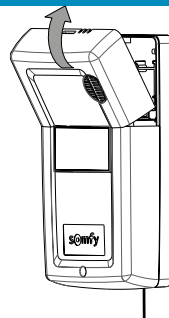
Unfold the aerial so that it points vertically downwards.



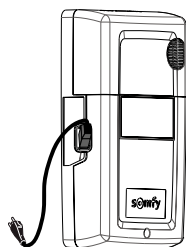
Screw the bulb supplied into the light fitting.



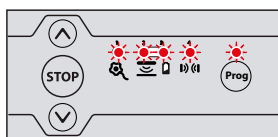
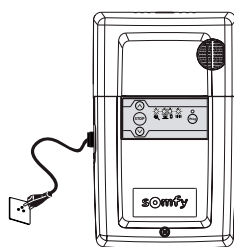
Refit the panel cover and secure with the screw.



Refit the courtesy light cover.



Plug in the supply cable and connect the the mains supply.



All the LED's come on briefly and then go out.



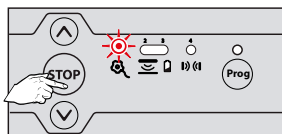
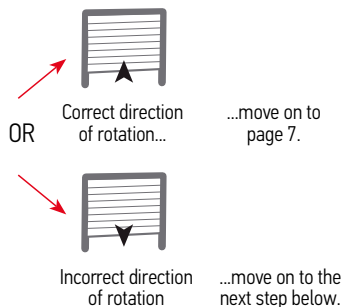
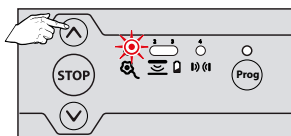
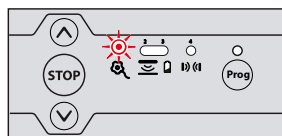
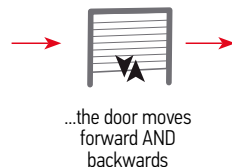
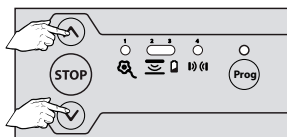
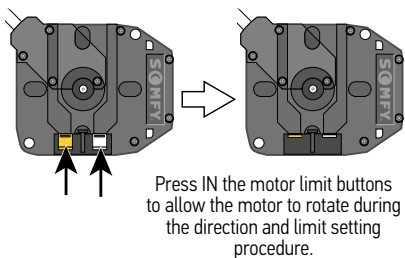
If the motor LED comes on, check the safety brake or link connection.



If the safety edge LED comes on, the safety edge transmitter has not been recognised.

(This is normal if the safety edge transmitter has not been paired to the Rollixo RTS yet).

Motor direction of rotation setting

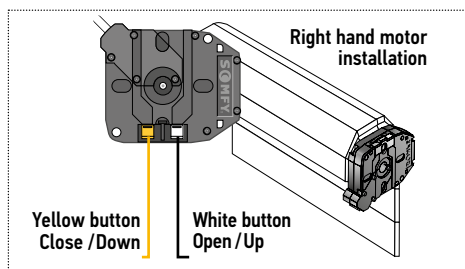
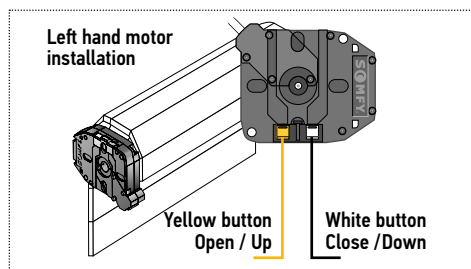


The direction has been reversed.
Check again and move on to page 7.

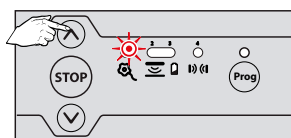
In motor adjustment mode, the Up & Down control buttons are in 'hold to run' mode - you must press and hold the button in to operate the door up and down.

Motor limit setting

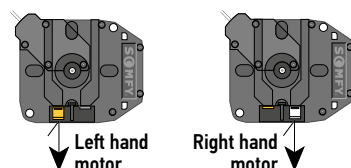
During the limit setting procedure, the Rollixo push button controls are in HOLD TO RUN mode.



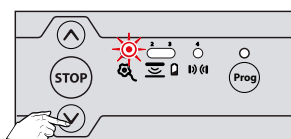
Motor limit directions as shutter box projects towards you.



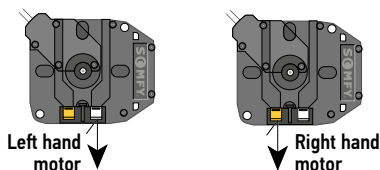
Press and hold the UP button to move the door to the upper limit position (use the UP and DOWN buttons to fine tune the door to the desired position).



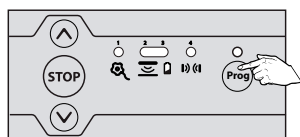
Press the motor Up end limit button IN to set the 'Open/Up' limit position.



Press and hold the DOWN button to move the door to the lower limit position (use the UP and DOWN buttons to fine tune the door to the desired position).



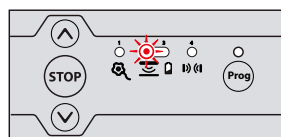
Press the motor Lower end limit button to set the Close / Down limit position.



Briefly press the PROG button until...

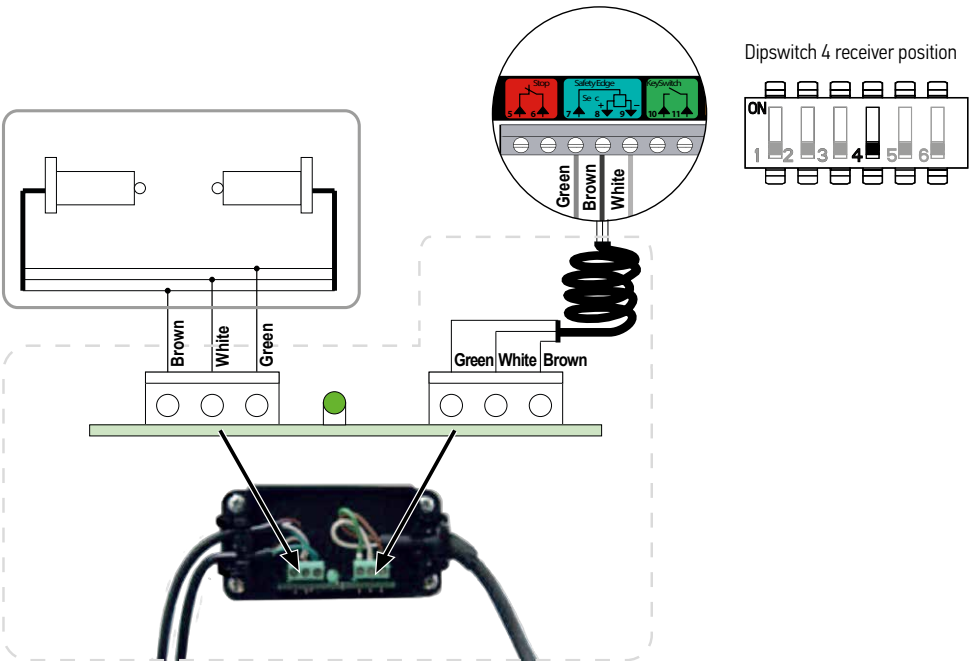


...the door jogs to complete the motor set up procedure.

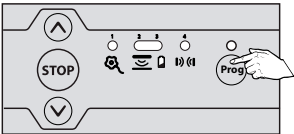


The motor and safety brake LED goes out and the safety edge LED comes on.

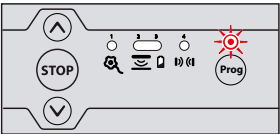
Hard wired safety edge connection



Pairing Keygo RTS keyfob's (supplied paired)



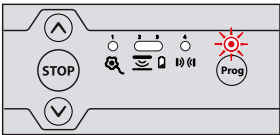
Press the 'Prog' button on the Rollixo RTS front panel until...



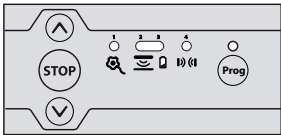
...the LED above the Prog button lights up RED.



Press the button on the Keygo RTS keyfob that you want to control the Rollixo RTS controller with until...

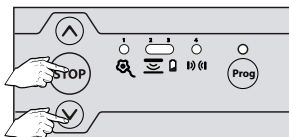


...the 'Prog' LED on the Rollixo RTS controller flashes and...

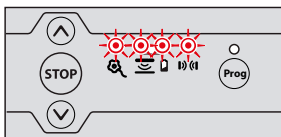


...then goes out.

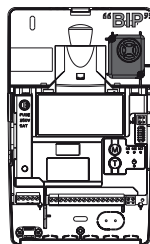
Activating/Deactivating the alarm



To activate/deactivate the alarm, simultaneously press the STOP and DOWN buttons on the receiver until...



...the 4 indicator lights flash rapidly.

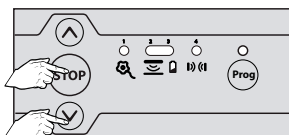


The alarm emits a beep if it has been activated.

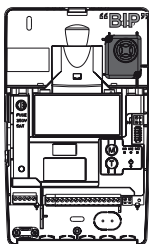
Alarm operation

The alarm is triggered for 2 minutes if the door is raised manually. No movement of the door is possible when the alarm is sounding. When the alarm sounds, press a button on a remote control memorised in the receiver to stop it. The alarm can only be stopped with a memorised remote control.

Alarm operation test

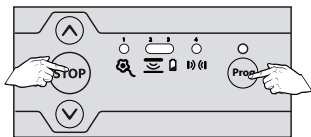


Press buttons STOP and DOWN on the receiver simultaneously.

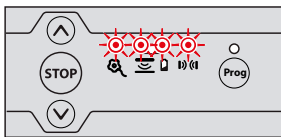


The alarm triggers briefly to indicate that it is activated.

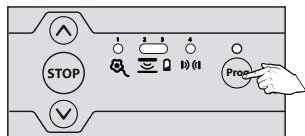
Locking out the Panel



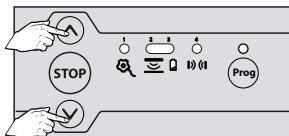
Press buttons STOP and PROG on the receiver until...



...all the indicator lights flash.



Entry into programming mode by pressing button PROG on the receiver is locked.

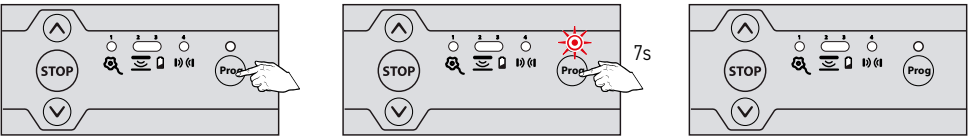


Entry into motor end limit setting mode via pressing buttons UP and DOWN on the receiver is locked.

The parameter setting of the operating modes is locked, the reverse process applies to UNLock the panel

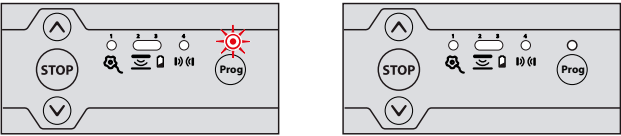
Failure to do so will enable consumer to operate programming mode, this is potentially dangerous.

Deleting all remote controls from the memory



Press the PROG button on the Rollixo RTS front panel for approximately 7 seconds until...

...the LED goes out:

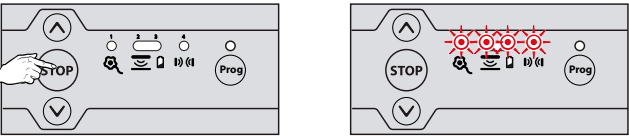


The LED will then begin to flash slowly and then go out - all remote controls have been deleted.

Holiday mode

Activating/deactivating holiday mode

The door must be closed to activate this mode



To activate/deactivate holiday mode, press the STOP button until the 4 indicator lights flash rapidly for 2 seconds.

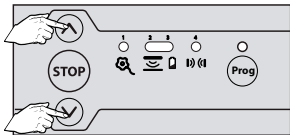
When holiday mode is active, each time a licked control (programming interface or remote control) is pressed, indicator lights 1,2,3 and Prog start flashing for 2 seconds.

Holiday mode parameter setting

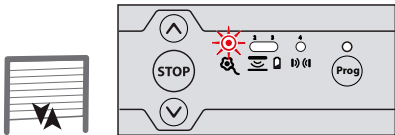
	ON	OFF	Comments
Dipswitch 5 Holiday mode		X (default setting)	Programming Interface locked (remote controls and keyswitch active)
	X		Remote controls loced (programming interface and keyswitch active)

Return to the factory mode

After deleting all the remote controls and safety edge transmitters from the memory:



Press simultaneously the UP and DOWN buttons on the front panel.



The door will jog Up and Down and the motor LED will start flashing slowly.

The Rollixo RTS control panel has now been set back to the factory mode.

Complete Check List

- ☐ Is the floor level?
- ☐ Up & Bottom limits set?
- ☐ Up, Stop & Down prog working correctly with Courtesy light?
- ☐ Does safety edge activate when it hits an obstruction?
- ☐ When closed is the rubber edge uniform and not deformed?
- ☐ Is the Alarm active?
- ☐ Do all the accessories and Key fobs work correctly?
- ☐ Have you locked out the panel?
- ☐ End User Demonstration?
- ☐
- ☐

Somfy Ltd

Unit 7, Lancaster Way

Airport West

Yeadon Leeds

West Yorkshire

LS19 7ZA

0113 391 3030

sales.uk@somfy.com

www.somfy.co.uk

A BRAND OF **SOMFY** GROUP