



Radio Technology Somfy®

Pocket Programming Guide



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TROUBLESHOOTING 127



Somfy Building Happiness

Somfy promotes building happiness by creating movement in all of the openings of a home or commercial structure.

Offer your customers a better quality of life by surrounding them with the convenience of a reliable, quiet yet strong solution for their window treatments.

somfy[®]

How Does It Work?



Simply press a button on a remote control or wall switch and window coverings move with ease. There is no need to point or aim the transmitter at the covering because Radio Technology Somfy® (RTS) is omni-directional. And just like a garage door opener, the radio waves travel through walls.

- Available with hand-held remotes, wireless wall switches, table top controls, timers and a convenient app.
- No need to aim the control at the motorized window covering, the radio signal travels through walls similar to a garage door opener
- Offers a range of up to 65 ft. for easy operation
- No extra wires are needed
- Provides the ability to control all motorized window coverings individually and/or as a group with one control
- Flexibility to change user preferences with simplified programming
- Available in single and multi-channel versions
- Over 10 million installations worldwide
- Secure operation with a rolling code reducing interference with other radio products
- Offers simplified integration with home automation systems

Identify RTS Control Options

TRANSMITTERS

Hand-held Remotes

Users can control motorized window coverings by pressing a button or rolling a scroll wheel on a variety of hand-held RTS remotes.

WireFree Wall Switches

Users can easily control their motorized window coverings when entering or exiting a room with DecoFlex WireFree™ RTS Wall Switches.

Table Top Remotes

Users can control their motorized window coverings with the versatile DecoFlex WireFree™ RTS Table Top Accessory remote.

RECEIVERS

Users can adjust window coverings powered by standard motors, as well as operate incandescent and halogen lights and other outdoor devices by using a particular receiver.

INTERFACES

Users can convert Infrared, RS232, RS485 and WiFi protocol into RTS, allowing for 3rd party control of motorized window coverings.

REPEATER

Users can extend the range of motorized window covering control.

SENSORS

Users can set sensors to automatically adjust motorized window coverings in accordance to the amount of sunlight received, temperature recorded, as well as the speed and direction of wind.

Control Options



Telis RTS Hand-held Remote

FEATURES

UP Button

The MY button acts as a stop button when the window covering is in motion. When the window covering is stationary, the MY button brings it to the programmed favorite position.

DOWN Button

Channel LED - All 4 lights will illuminate when fifth channel is activated.

Channel Selection Button



- ● ● ● Channel 1
- ● ● ● Channel 2
- ● ● ● Channel 3
- ● ● ● Channel 4
- ● ● ● Channel 5

Telis 4 RTS Pure
Hand-held Remote
1810633
Telis 1 RTS also available

Also available in other finishes:



Silver



Lounge



Patio

Programming
Button
(recessed)



Back view
of remote

Telis Soliris RTS Hand-held Remote

FEATURES

UP Button

The MY button acts as a stop button when the window covering is in motion. When the window covering is stationary, the MY button brings it to the programmed favorite position.

DOWN Button

When left LED is lit, the window covering will only react to wind control. When right LED is lit, the window covering will react to both sun and wind control.

Channel Selection Button



Telis 1 Soliris RTS Pure
Hand-held Remote
1810635

Telis 4 Soliris RTS also available

Patio option also
available:



Programming
Button (recessed)



Back view
of remote

Telis RTS Modulis Hand-held Remote

FEATURES



- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5

Telis 4 Modulis RTS
5 Channel Pure
Hand-held Remote
1811235



Back view
of remote

Situo® RTS Hand-held Remote

FEATURES

UP Button

The MY button acts as a stop button when the window covering is in motion. When the window covering is stationary, the MY button brings it to the programmed favorite position.

DOWN Button

Channel LED - All 4 lights will illuminate when fifth channel is activated.

Channel Selection Button



- ● ● ● Channel 1
- ● ● ● Channel 2
- ● ● ● Channel 3
- ● ● ● Channel 4
- ● ● ● Channel 5

Situo 5 RTS Pure Hand-held Remote
1800139

Programming Button
(recessed)



Back view
of remote



Situo 1 RTS also available
1800128

Telis 16 Channel RTS Hand-held Remote

FEATURES



Telis 16 RTS Pure
16 Channel Hand-held Remote
1811081



Also available
in Silver finish

Programming
Button (recessed)



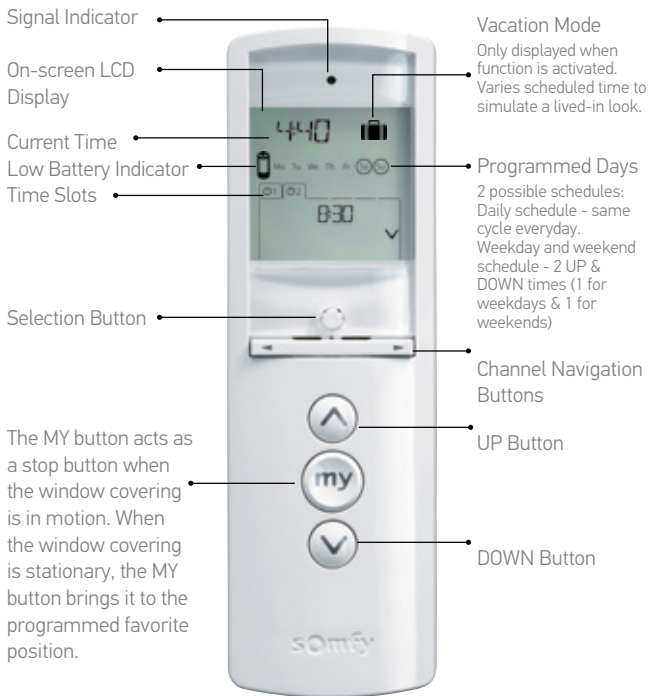
Back view of remote

NOTE: The Telis 16 channel remote features an LCD screen that numerically displays what channel is selected.

**Programming
Instructions pg.120**

Telis 1 Chronis RTS Hand-held Remote

FEATURES



Telis 1 Chronis RTS Pure
Hand-held Remote
1805237

Programming
Button (recessed)

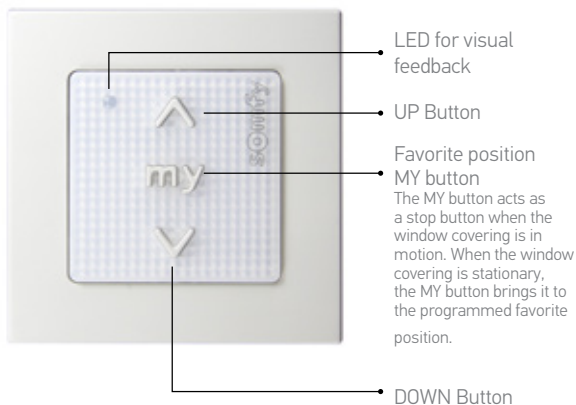


Back view of remote

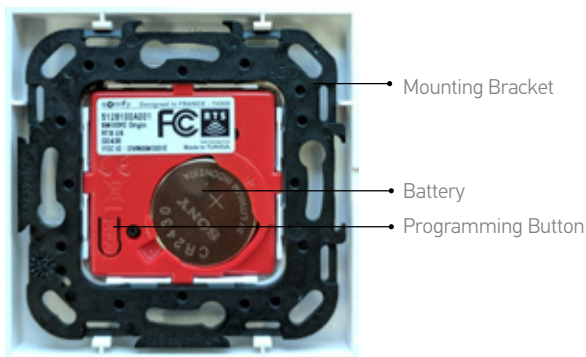
**Programming
Instructions pg.122**

Smoove® 1 RTS Wall Switch

FEATURES



Smoove® 1 RTS Pure
Wireless Wall Switch
1811533



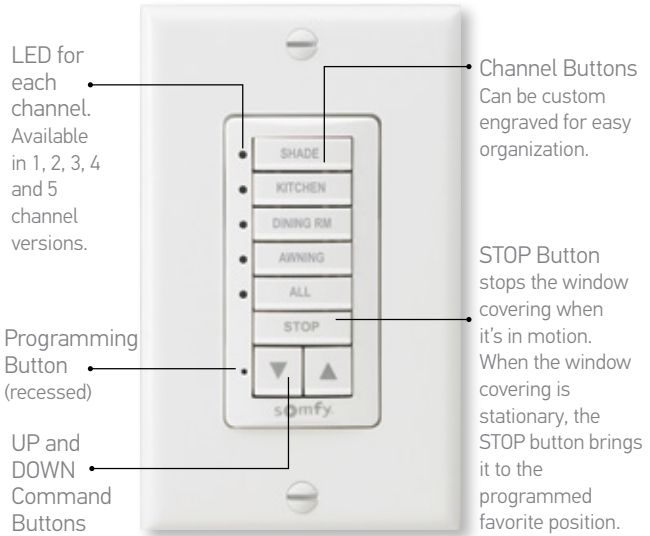
Back view

Additional frame options:



DecoFlex WireFree™ RTS Wall Switch

FEATURES



5 Channel Button DecoFlex WireFree™
RTS Wall Switch shown in White



Also available in
Ivory and Black
finish

Custom engraved buttons available

DecoFlex WireFree™ RTS Table Top Accessory

FEATURES

Easily personalize your control with custom engraved button names.

LED for each channel. Available in 1, 2, 3, 4 and 5 channel versions.

Channel Buttons can be custom engraved for easy organization.

STOP button stops the window covering when it's in motion. When the window covering is stationary, the STOP button brings it to the programmed favorite position.

Programming Button (recessed)

UP and DOWN Command Buttons



DecoFlex WireFree™
RTS Table Top Accessory
Control shown in Silver



Side view

- Ergonomically designed for comfortable hand-held use
- Features rubber non-slip feet
- Easily personalized with custom engraved buttons

Available in White,
Silver and Black finish



White
1811185



Silver
1810972



Black
1811051

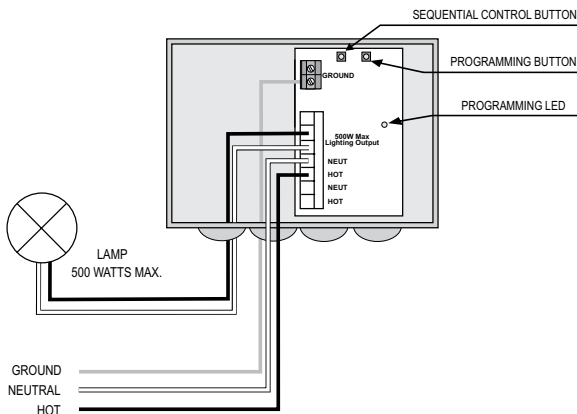
Outdoor Lighting Receiver RTS

FEATURES

- Control patio or deck lights with the same remote used for the awning.
- Controls incandescent, halogen light or any outdoor device up to 500W.
- Fully compatible with the Telis RTS range of transmitters and the DecoFlex Wirefree™ RTS wall switches.



Weatherproof cover with watertight strain-relief fittings for wires



**Programming
Instructions pg. 89**

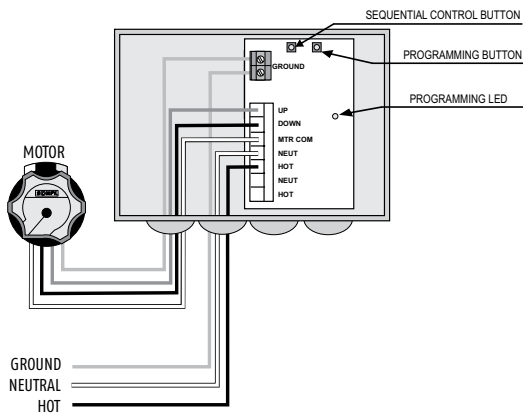
Outdoor Universal RTS Receiver

FEATURES

- Provides RTS capability to Somfy's standard motors.
- Can be used as a stand-alone RTS control or with RTS sensors.
- Two user-defined intermediate positions can be programmed.



Weatherproof cover with watertight strain-relief fittings for wires

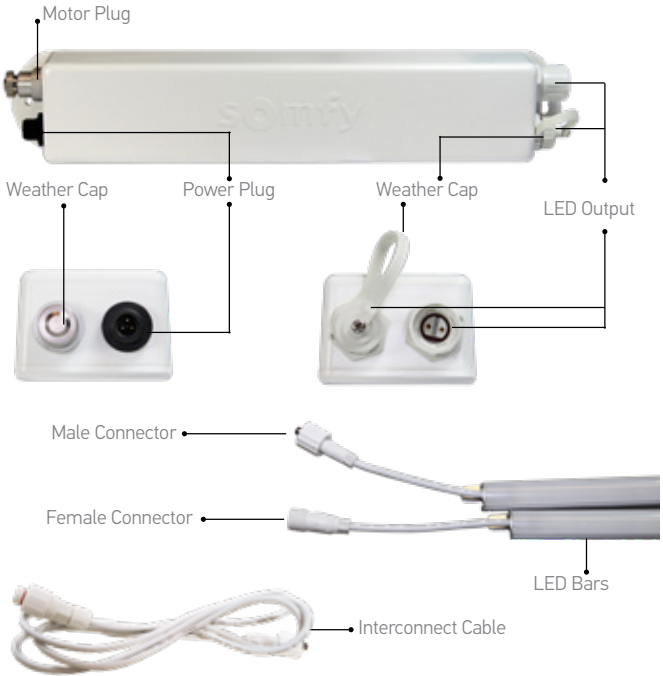


**Programming
Instructions pg.90**

Dimmable LED RTS Light Kit

FEATURES

- Completely plug and play, no electrician required.
- 12 levels of brightness.
- "my" position, favorite light brightness level.
- Up to 60W of 12V DC LED lighting (daisy chain of 6 LED strips).
- Compatible with full range of RTS hand-held remotes, wall switches and Somfy myLink™ app.
- Ideal for new and existing installations.



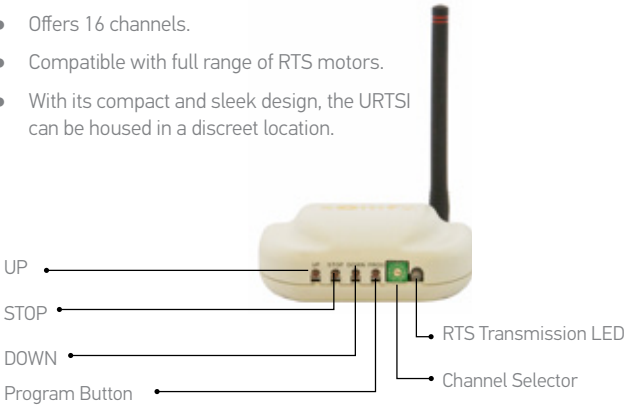
**Programming
Instructions pg.91**

Universal RTS Interface (URTSI)

FEATURES



- Allows user to convert infrared, RS232 and RS485 protocol into Radio Technology Somfy® (RTS) to allow for third party control.
- Offers 16 channels.
- Compatible with full range of RTS motors.
- With its compact and sleek design, the URTSI can be housed in a discreet location.



**Programming
Instructions pg.95**

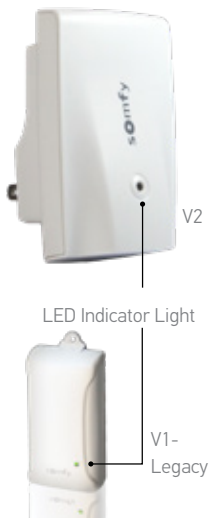
Somfy myLink™

FEATURES

The Somfy myLink™ offers convenient control of any Radio Technology Somfy® (RTS) motorized application with a smartphone or tablet. It consists of a simple plug-in device and free app that transforms the experience that users have with their motorized applications.

LED Indicator States -

1. Solid Red: setup mode (out of the box)
 - a. Re-engage by pressing programming button on the side
2. Solid Green: connected to LAN
3. Slow Blinking Green: searching for network
4. Quick Red Flash: sending RTS command
5. Solid Amber: failsafe mode



App Status Indicator -

White O: mobile device can connect to the myLink(s) and commands are being sent over the local WiFi network.



White O with Sight: mobile device can connect to the myLink(s) and commands are being sent over the internet.



White O with !: the mobile device cannot connect to a myLink/myLinks.



**Programming
Instructions pg.96**

RTS Repeater

FEATURES

The RTS Repeater receives the signal from a Telis RTS remote or DecoFlex WireFree™ RTS wall switch or similar device and re-transmits the signal to an RTS compatible motor or receiver to extend the RTS range.

Antenna

Indicator Light

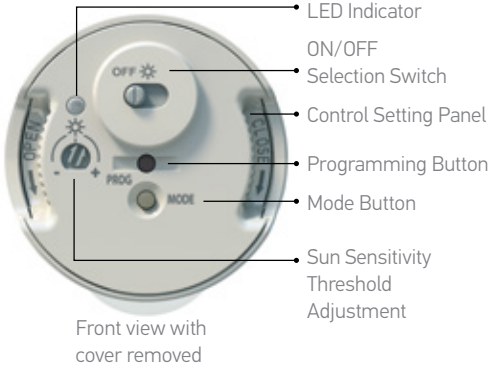


- Simply plugs into any 120V AC electrical outlet.
- No programming required.
- Should be placed approximately halfway between the transmitting device such as a Telis hand-held remote and the receiving device, the motor.
- Solves the challenge of transmitting the signal in particularly large rooms or areas.
- Range up to 60 feet.

**Programming
Instructions pg.95**

Sunis Indoor WireFree™ RTS Sensor

FEATURES



The Sunis Indoor Sensor can be programmed to automatically adjust window coverings in accordance to sunlight threshold settings.



Window Sill Mount



Window Mount



Suction cup for mounting on window sill or window

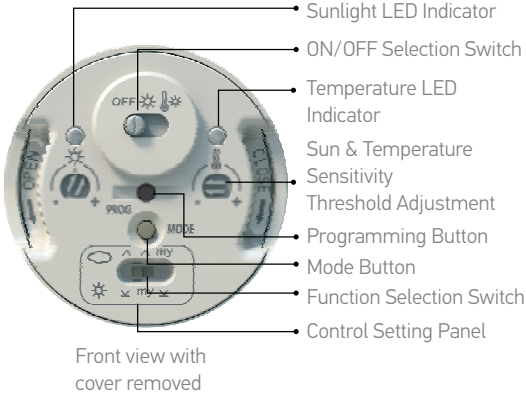


Back view with light sensing eye

**Programming
Instructions pg.101**

Thermo Sunis Indoor WireFree™ RTS Sensor

FEATURES



The Thermo Sunis Indoor Sensor can be programmed to automatically adjust window coverings in accordance to sunlight and/or room temperature threshold settings.



Window Sill Mount



Window Mount



Suction cup for mounting on window sill or window



Back view with light sensing eye

**Programming
Instructions pg.105**

Sunis Outdoor WireFree™ RTS Sun Sensor

FEATURES

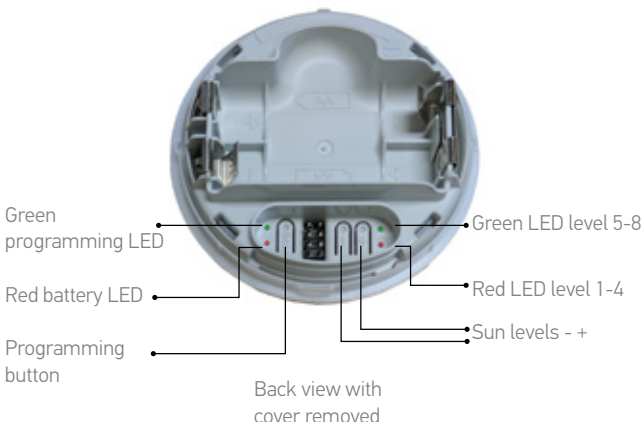


Front view

Sunis Outdoor WireFree™ RTS
Sun Sensor
9020412

- Totally wireless sun sensor for automatic control of exterior RTS motorized awnings, screens, shutters and pergolas
- Easily adjustable sunlight thresholds
- Powered by 2 standard AA alkaline batteries
- Simple installation
- Demo mode for testing settings without delays
- LEDs for visual status updates

The Sunis Outdoor Sensor can be programmed to automatically control exterior RTS motorized awnings, screens, shutters and pergolas based on sunlight levels. Easily adjustable with 8 levels of sun threshold settings.



**Programming
Instructions pg. 111**

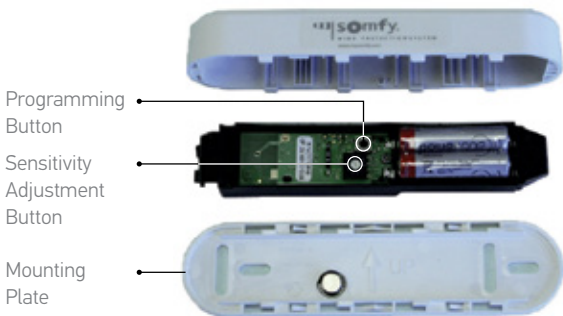
Eolis 3D WireFree™ RTS Wind Sensor

FEATURES



Eolis 3D WireFree™ RTS
(White finish)
1816081

- Installed discreetly on the end of the front bar.
- Easy wireless installation.
- Automatically retracts the awning with the detection of wind generated movements.
- Easy to program.
- Maintenance free, long-life batteries.



Available in three finishes:
White, Off-white
and Black

**Programming
Instructions pg.113**

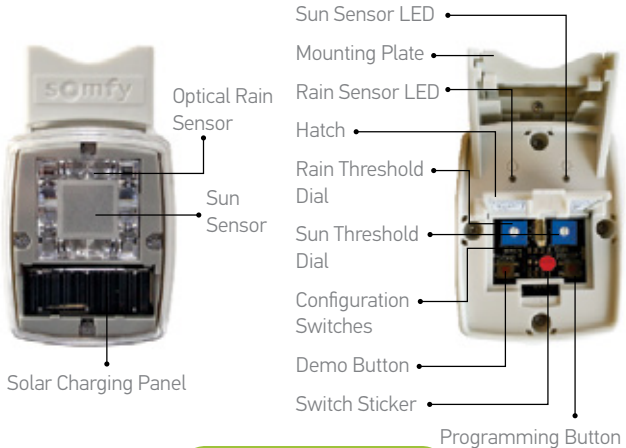
Ondeis® WireFree RTS Rain & Sun Sensor

FEATURES

- Combination rain and sun sensor
- Control one channel of Radio Technology Somfy® motorized products
- Solar powered rechargeable battery
- Adjustable rain and sun thresholds
- Wireless installation with flexible mounting options:
 - Six available modes of operation:
 - Awning Rain (default)
 - Awning Sun (requires Telis Soliris Transmitter)
 - Awning Rain & Sun (requires Telis Soliris Transmitter)
 - Shutter/Screen Rain
 - Shutter/Screen Rain & Sun
 - Shutter/Screen Rain & Auto Up
- Demo mode for testing configurations
- 2 easy-to-read LED indicator lights



Ondeis® WireFree RTS
Rain & Sun Sensor
90196



**Programming
Instructions pg.115**

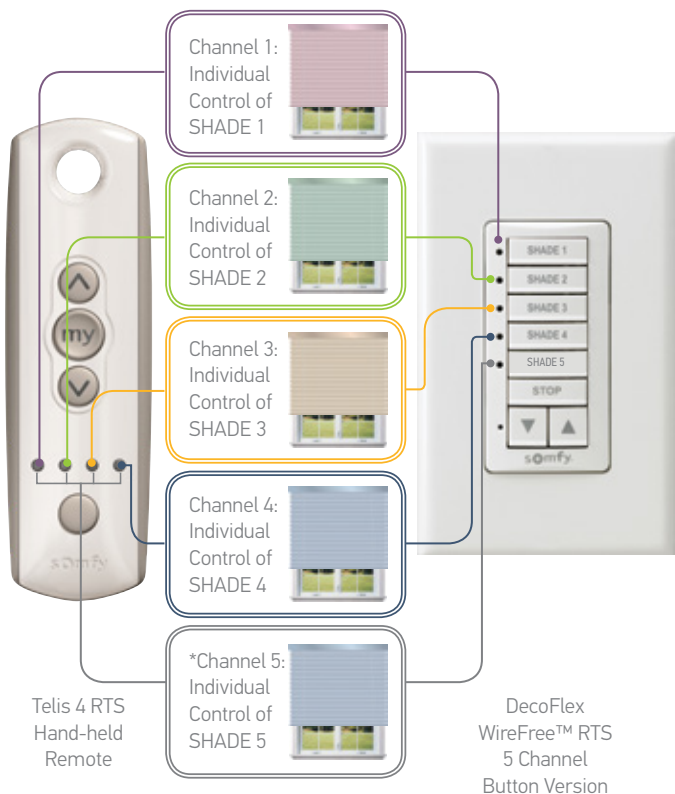
Understanding Control Options

Individual	25
Group Control	26
Individual & Group Control.....	27



UNDERSTANDING CONTROL OPTIONS: INDIVIDUAL CONTROL

Applies to all Telis RTS Hand-held remotes.



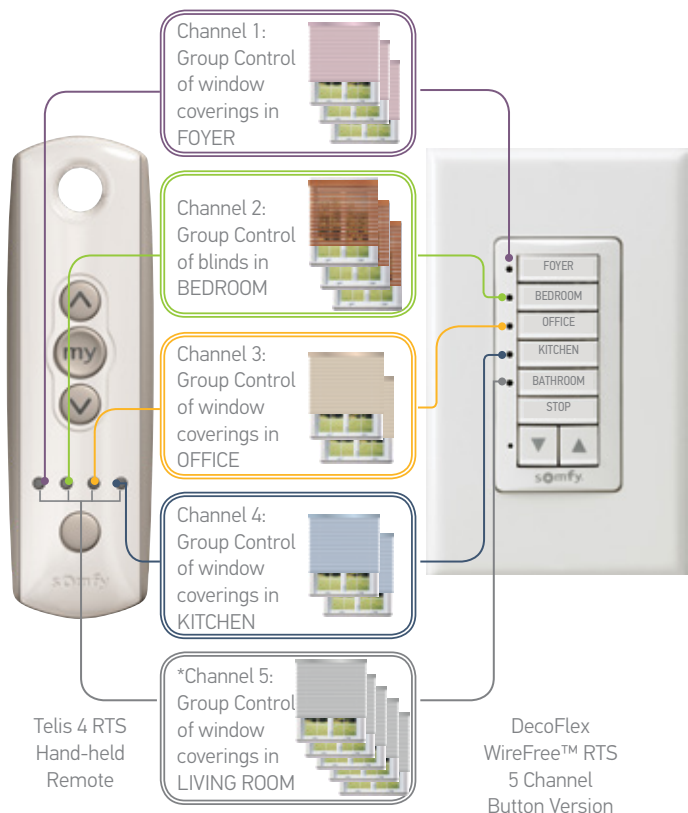
*Fifth channel is
activated when all
4 LEDs illuminate



The Telis 16 channel remote features an LCD screen that numerically displays which channel is selected and provides the option to name each channel.

UNDERSTANDING CONTROL OPTIONS: GROUP CONTROL

Applies to all Telis RTS Hand-held remotes.



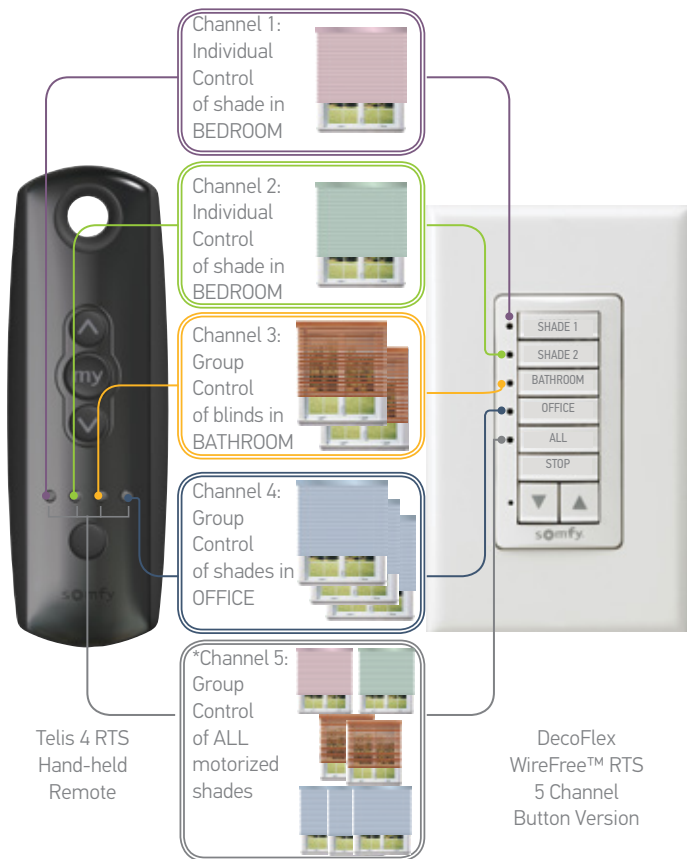
*Fifth channel is activated when all 4 LEDs illuminate



The Telis 16 channel remote features an LCD screen that numerically displays which channel is selected and provides the option to name each channel.

UNDERSTANDING CONTROL OPTIONS: INDIVIDUAL & GROUP CONTROL

Applies to all Telis RTS Hand-held remotes.



*Fifth channel is
activated when all
4 LEDs illuminate



The Telis 16 channel
remote features an LCD
screen that numerically
displays which channel
is selected and provides
the option to name each
channel.

PRODUCT APPLICATION AND



ROLLER
SHADES



ROMAN/WOVEN
SHADES



2" WOOD
BLINDS



SHEER HORIZONTAL/
LAYERED SHADES

12 V DC	CL32 CORD LIFT WIREFREE™		✓		
	TILT 50 WIREFREE™			✓	
	R28 ROLL UP WIREFREE™	✓	✓		✓
	SONESSE® 30 WIREFREE (Li-on)	✓	✓	✓	✓
24 V DC	ST30 SONESSE® 30	✓	✓	✓	✓
	SONESSE® ULTRA 50 DC	✓	✓		
	IRISMO™ 35 MINI DC				
26.5 V DC	IRISMO™ 45 WIREFREE				
110 V	ST40 SONESSE® 40	✓	✓	✓	✓
	ALTUS® 40	✓	✓	✓	
	ST50 SONESSE® 50	✓	✓	✓	
	SONESSE® ULTRA 50 AC	✓	✓		
	ALTUS® 50 RTS CMO	✓	✓	✓	
	LT50 RTS CMO				
	SUNEA				
	OXIMO™				
	ALTUS® 60				
	MAESTRIA™ 50				
	GLYDEA® 35e				
	GLYDEA® 60e				

MOTOR COMPATIBILITY CHART



DRAPERIES



PLEATED/
CELLULAR
SHADES



AWNINGS



ROLLING
SHUTTERS



EXTERIOR
SOLAR
SCREENS

	✓			
	✓			
✓				
✓				
	✓ Using CTS 40			
		✓	✓	✓
		✓	✓	✓
		✓	✓	✓
		✓		✓
			✓	
		✓	✓	
				✓
✓				
✓				

Getting Started

Steps vary based on the mode of the motor, so take a few minutes to become familiar with the various modes covered in the guide.

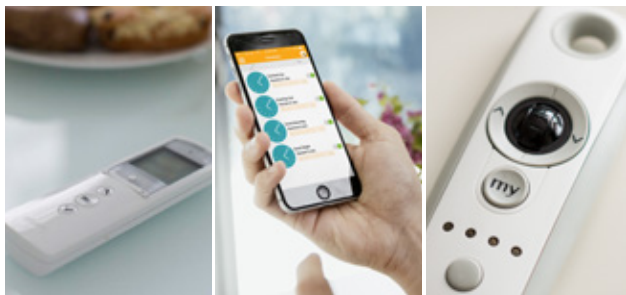
FACTORY MODE is when the shade/blind is not programmed at all, no limits are set and it is not paired with any type of control device (transmitter, wall switch, myLink™ etc.). The motor is in this default mode prior to fabrication of the shade or blind.

After resetting the motors to FACTORY MODE, all motor limits will need to be reestablished. Please refer to appropriate programming instructions.

PROGRAMMING MODE is the process when the following steps occur:

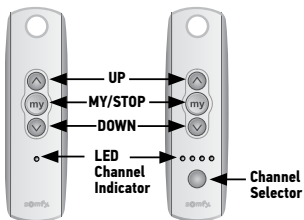
- Setting of limits
- Adjusting limits
- Pairing window covering, awning, screen or shutter to a control device(s)

USER MODE refers to shade/blind ready for consumer use with programmed control devices.



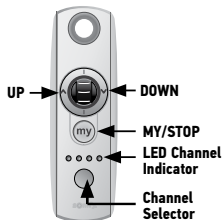
CONTROL DEVICES ILLUSTRATIONS & GLOSSARY

The following illustrations and instructions represent the Telis hand-held remote and may also be applied to the DecoFlex WireFree™ RTS Switch and Smoove® Wall Switch.

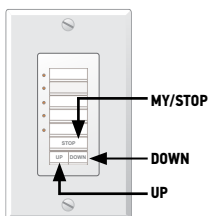


Telis 1
RTS Transmitter

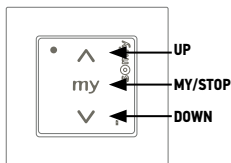
Telis 4
RTS Transmitter



Telis 4 Modulus RTS
Transmitter (With tilt wheel)



DecoFlex WireFree™
RTS Switch (Standard)



Smoove® 1 RTS Wall
Switch

Examples:



JOG
BRIEF UP & DOWN OR
IN & OUT MOVEMENT

STANDARD QUICK PROGRAMMING FOR RTS MOTORS

- CL32 CORD LIFT WIREFREE™
- R28 ROLL UP WIREFREE™
- ST30 SONESSE® 30
- ST40 SONESSE® 40
- ALTUS® 40
- ST50 SONESSE® 50
- SONESSE® ULTRA 50
- ALTUS® 50
- ALTUS® 60

CL32 CORD LIFT WIREFREE™- BATTERY OR TRANSFORMER POWERED



Side view

12V DC



PLEATED/CELLULAR SHADES



ROMAN/WOVEN SHADE

R28 ROLL UP WIREFREE™ RTS-BATTERY OR TRANSFORMER POWERED



30 mm motor diameter



Side view

12V DC



ROLLER SHADE



ROMAN/WOVEN SHADE



SHEER HORIZONTAL SHADE

ST30 SONESSE® 30 RTS - TRANSFORMER OR LOW VOLTAGE HARDWIRED



30 mm motor diameter



Side view

24V DC



ROLLER SHADE



ROMAN/WOVEN SHADE



2" HORIZONTAL BLIND



SHEER HORIZONTAL SHADE



PLEATED/CELLULAR SHADES

STANDARD QUICK PROGRAMMING FOR RTS MOTORS

ST40 - SONESSE® 40 RTS - HARDWIRED OR PLUG-IN



40 mm motor diameter



Side view

110V AC



ROLLER SHADE



ROMAN/WOVEN SHADE



2" HORIZONTAL BLIND



SHEER HORIZONTAL SHADE



PLEATED/CELLULAR SHADES

SONESSE® ULTRA 50 DC RTS - TRANSFORMER OR LOW VOLTAGE HARDWIRED



50 mm motor diameter



Side view

24V DC



ROLLER SHADE



ROMAN/WOVEN SHADE

ALTUS® 40 - HARDWIRED OR PLUG-IN



40 mm motor diameter



Side view

110V AC



AWNING



ROLLING SHUTTER



2" HORIZONTAL BLIND



ROMAN/WOVEN SHADE



EXTERIOR SOLAR SCREENS



ROLLER SHADE

*Please note: If you cannot identify the motor or control being used, please contact Somfy customer service at 877-22 SOMFY

STANDARD QUICK PROGRAMMING FOR RTS MOTORS

ST50 SONESSE® 50 RTS - HARDWIRED OR PLUG-IN



50 mm motor diameter



Side view

110V AC



ROLLER SHADE



ROMAN/WOVEN
SHADE



2" HORIZONTAL
BLIND

SONESSE® ULTRA 50 AC RTS - HARDWIRED OR PLUG-IN



50 mm motor diameter



Side view

110V AC



ROLLING
SHUTTER



ROMAN/WOVEN
SHADE

ALTUS® 50 - HARDWIRED OR PLUG-IN



50 mm motor diameter



Side view

110V AC



AWNING



ROLLING
SHUTTER



2" HORIZONTAL
BLIND



ROMAN/WOVEN
SHADE



EXTERIOR
SOLAR SCREENS



ROLLER SHADE

STANDARD QUICK PROGRAMMING FOR RTS MOTORS

ALTUS® 60 - HARDWIRED OR PLUG-IN



60 mm motor diameter



Side view

110V AC



AWNING



ROLLING SHUTTER

*Please note: If you cannot identify the motor or control being used, please contact Somfy customer service at 877-22 SOMFY

- CL32 CORD LIFT WIREFREE™
- R28 ROLL UP WIREFREE™
- ST30 SONESSE® 30
- ST40 SONESSE® 40
- ALTUS® 40
- ST50 SONESSE® 50
- SONESSE® ULTRA 50
- ALTUS® 50
- ALTUS® 60

FACTORY MODE



BEFORE YOU BEGIN

Motors are shipped in FACTORY MODE, without limit settings and transmitter ID's. Power must ONLY be connected to current window covering being programmed. All other window coverings must be disconnected from their respective power while programming.




Note - If motor is 120V AC hardwired and cannot be disconnected, please contact an electrician prior to calling Somfy customer service for assistance.

CONNECT TO POWER MODE

With the motor installed in window covering, connect power to the motor (120V AC, or 12V DC or 24V DC transformer or 12V battery wand).

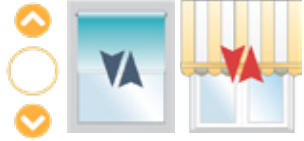
STANDARD QUICK PROGRAMMING FOR RTS MOTORS

PROGRAMMING MODE

 While programming, window covering should not be inactive for longer than 2 minutes or motor will exit PROGRAMMING MODE.

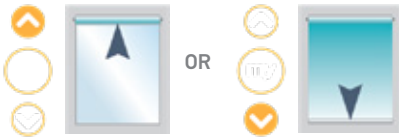
INITIATE PROGRAMMING

On the transmitter, press and hold both the **UP and DOWN** simultaneously until the window covering jogs.



A jog is a brief up and down or in and out motion.

In **PROGRAMMING MODE**, the window covering will move only when the **UP or DOWN** is held (or momentary fashion).



CHECK THE DIRECTION OF OPERATION

 If hand-held transmitter direction is not properly programmed, sensors will not function in the manner they are intended.

During installation, it is mandatory to test and verify the motorized window covering operates in accordance to the commands from hand-held transmitter.

Press and hold **DOWN**. The product should go down or out.

If window covering does not correspond with UP or DOWN you must REVERSE the output direction.



To **REVERSE** output direction, simply press & hold the **MY/STOP** until the window covering jogs.



Output direction should now correspond.

STANDARD QUICK PROGRAMMING FOR RTS MOTORS

SETTING LIMITS (The end limits can be set in any order)

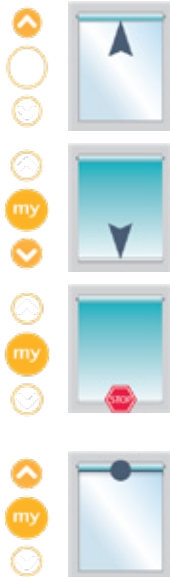
Set the Upper Limit

STEP 1: Bring the window covering to desired UPPER limit position.

Press and hold both **MY/STOP** and **DOWN** simultaneously until the application starts to move, then release.

If the window covering stops when the buttons are released, take it back to the UPPER limit and repeat.


Stop the motor when desired LOWER limit is reached. You can adjust by pressing UP or DOWN if necessary.



Set the Lower Limit

STEP 2: Press and hold both **MY/STOP** and **UP** simultaneously until the application starts to move, then release.

The window covering will stop at the UPPER limit that was previously set.

 *In case of problems with setting of limits during PROGRAMMING MODE, turn the power off to the motor for 2 seconds and then back on to reset the motor. Please return to PROGRAMMING MODE to initiate programming process.*

Confirm Limit Settings

STEP 3: Press and hold **MY/STOP** until the window covering jogs to confirm the limit settings.

A jog is a brief up and down motion.



Complete Programming

STEP 4: Briefly press the **PROGRAMMING BUTTON** on the back of the transmitter.

The window covering jogs.

The window covering is now in **USER MODE**.

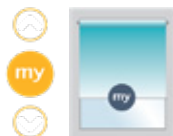



In **USER MODE**, the window covering will operate by briefly pressing the UP or DOWN (or maintained fashion).

STANDARD QUICK PROGRAMMING FOR RTS MOTORS

Activating the “my” Position

Send the window covering to the “my” position by pressing **MY/STOP** from ANY window covering position.



 Window covering should be stationary prior to activating “my” position function. If window covering is actively moving (in-motion), MY/STOP should be pressed twice.

Deleting “my” Position

Activate window covering to intermediate position, then press and hold **MY/STOP** for 5 seconds. Window covering will jog to confirming deletion of “my” position.



ADDING OR DELETING A TRANSMITTER (Single, Multi-Channel or Sensor)

STEP 1: Select the previously programmed transmitter (single channel) or the channel on a multi-channel transmitter or the sensor. **Step 1 should not be performed with the transmitter intended for deletion.**

STEP 2: Press and hold the **PROGRAMMING BUTTON** of that transmitter or sensor until the window covering jogs.



Programmed Transmitter

TO ADD A TRANSMITTER

STEP 3: Select the transmitter (single channel) or the channel, (1-5 of a multi-channel transmitter or the sensor) to be added.

STEP 4: Press and hold the **PROGRAMMING BUTTON** of that transmitter or sensor until the window covering jogs.



New Transmitter

TO DELETE A TRANSMITTER

STEP 3: Select the transmitter and/or the channel or the sensor you wish to delete.

STEP 4: Press and hold the **PROGRAMMING BUTTON** of that transmitter or sensor until the window covering jogs.

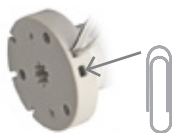


Transmitter for deletion

STANDARD QUICK PROGRAMMING FOR RTS MOTORS

RESETTING ALL PRE-PROGRAMMED LIMIT SETTINGS & CHANNELS

Using a paper clip or a similar device, press and hold the PROGRAM BUTTON (approximately 15 seconds) located on the motor head until window covering jogs 3 times, then release button.



**R28 Roll Up WireFree™ RTS
or LT-30 RTS 12V DC motors**



ST30 Sonesse® 30 24V DC



CL32 Cord Lift WireFree™ RTS Motors

All transmitters and limits will be erased (motor is now reset to **FACTORY MODE**). Motor limits will need to be reestablished. **Please return back to PROGRAMMING MODE to initiate programming process.**

Sonesse® Ultra 50 DC Motors



In addition to programming via transmitter, Sonesse® Ultra motor head buttons (UP, DOWN and STOP) also allow to set and control the motor directly on the motor head without any control devices or tools. Using the buttons you can:

- modify the end limits
- pair/unpair additional transmitters
- lock/unlock the receiver
- reset the motor settings

STANDARD QUICK PROGRAMMING FOR RTS MOTORS

RESETTING ALTUS® RTS 110V AC

Perform a **Dual Power Cut** to delete all previous settings and return motor to **FACTORY MODE**.



Remove plug from power for 2 seconds.



Plug in power cord for 10 seconds.



Remove plug from power for 2 seconds.



Plug in power cord. Window covering will begin to move.

When the window covering stops, press and hold the **PROGRAMMING BUTTON** of any transmitter until the window covering **jogs twice**. **Do not release the PROGRAMMING BUTTON** until the jogging is complete or you will have to start the dual power cut from the beginning.



Press & hold for aAbout 7 seconds



The motor will jog after about 2 seconds.



And then the motor will jog again validating the reset.

QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

TILT 50 WIREFREE™- BATTERY OR TRANSFORMER POWERED



12V DC



2" HORIZONTAL
BLIND



Side view

BEFORE YOU BEGIN

Motors are shipped without limit switch settings and transmitter IDs. Steps (1-6) must be completed to ensure proper shade programming and functionality.

Power should ONLY be connected to the current shade being programmed. All other shades should be disconnected from their respective power while programming is in progress.



While programming (step 4), shade should not be inactive for longer than 2 minutes or motor will exit programming mode.

PROGRAMMING INSTRUCTIONS ARE FOR USE WITH TELIS 1 & 4, DECOFLEX 1 - 5, MODULIS OR TELIS 1 CHRONIS TIMER

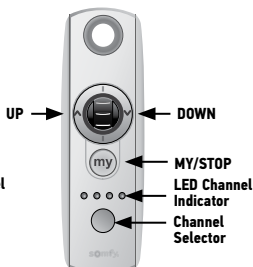
The following illustrations and instructions represent the Telis hand-held remote and may also be applied to the DecoFlex WireFree™ RTS Switch and Telis 1 Chronis Timer.



Telis 1
RTS Transmitter



Telis 4
RTS Transmitter



Telis 4 Modulis RTS Transmitter
(With tilt wheel)

QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

STEP 1: CONNECT POWER TO MOTOR

1) Connect 12V battery wand or transformer to the motor.

Motor should already be installed in the blind.



STEP 2: INITIATE PROGRAMMING – (FOR USE WITH TELIS 1 & 4, DECOFLEX 1 - 5, MODULIS OR TELIS 1 CHRONIS TIMER)

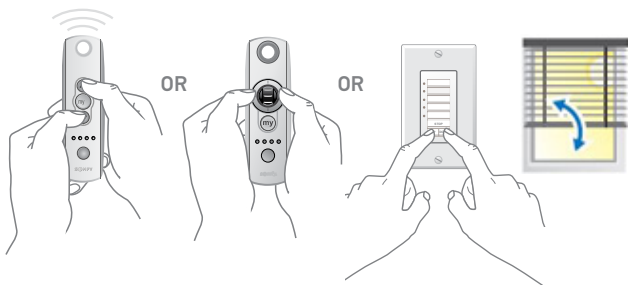
For Single Channel Transmitters (Telis 1, Modulis, Telis 1 Chronis Timer or DecoFlex 1)

1) On the transmitter, press and hold the **UP and DOWN** buttons simultaneously until the blind jogs (blind slats have a short up and down tilt movement).



For Multi-Channel Transmitters (Telis 4, DecoFlex 2, 3, 4 and 5)

1) Using the channel selector, select the desired channel.
2) On the transmitter, press and hold the **UP and DOWN** buttons simultaneously until the blind jogs.



NOTE: This step cannot be performed if the transmitter has previously been programmed (paired) to the blind.

QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

STEP 3: CHECK POLARITY (BLIND DIRECTION)

NOTE: MUST BE DETERMINED BEFORE SETTING BLIND LIMITS

Press and hold the **DOWN** button and confirm the blind tilts down.

TELIS



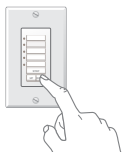
OR

MODULIS



OR

DECOFLEX



Press and hold the **UP** button and confirm the blind tilts up.



OR



OR



If blind direction is correct, continue to Step 4.

If blind direction is not correct (in reverse),
press and hold the **MY/STOP** button on the
transmitter for 2 seconds. Blind will jog.



2 sec



Blind direction is now corrected and blind movement should now correspond with the direction button on the transmitter.

STEP 4: SETTING LIMITS (SLAT POSITIONS)

To set **LOWER** limit start with slats in down (closed) position

1. Press and hold the **UP** or **DOWN** button on the transmitter to reach the desired lower limit (slat position).



OR



QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

2. Once the desired lower limit (slat position) is reached, press and hold the **MY/STOP and UP** buttons simultaneously until the blind begins to tilt upward, then release.



3. Press the **MY/STOP** button when the blind reaches the desired upper limit (slat position). If necessary, adjust the desired slat position with a brief press of either the UP or DOWN button.



4. Once desired upper limit (slat position) is reached, press and hold the **MY/STOP and DOWN** buttons simultaneously until the blind begins to tilt downward, then release.

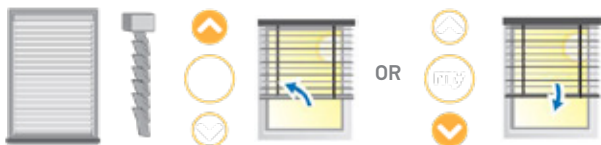


5. Once the blind stops at the previously set lower limit (slat position), press the **MY/STOP** button for **2 seconds** until the slats jog. This confirms both limits (slat positions).



To set UPPER limit start with slats in UP (closed) position

1. Press and hold the **UP** or **DOWN** button on the transmitter to reach the desired lower limit (slat position).



2. Once the desired upper limit (slat position) is reached, press and hold the **MY/STOP and DOWN** buttons simultaneously until the blind begins to tilt downward, then release.



QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

3. Press the **MY/STOP** button when the blind reaches the desired lower limit (slat position). If necessary, adjust the desired slat position with a brief press of either the UP or DOWN button.



4. Once desired lower limit (slat position) is reached, press and hold **MY/STOP** and **UP** buttons simultaneously until the blind begins to tilt upward, then release.



5. Once the blind stops at the previously set upper limit (slat position), press the **MY/STOP** button for 2 seconds until the slats jog. This confirms both limits (slat positions).

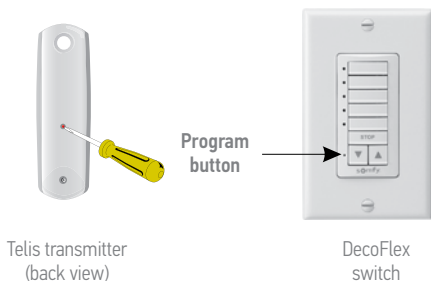


To complete programming, proceed to **STEP 5**.

STEP 5: COMPLETING AND EXITING PROGRAMMING MODE

Using a paperclip or pen, press and hold the PROGRAM button on the back of the transmitter or wall switch until the blind jogs once.

TRANSMITTER IS NOW MEMORIZED AND PROGRAMMING IS COMPLETE.



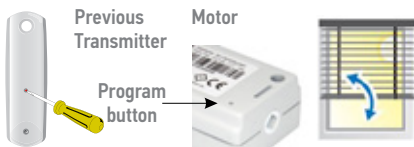
NOTE: If power is disconnected from the blind before Step 5 is completed, THE TRANSMITTER WILL NOT BE MEMORIZED to the programmed blind. However, limits (slat positions) will remain programmed. If this occurs, go back and repeat step 2 (Initiate Programming). Then omit step 4 (Setting Limits) and resume with step 5.

QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

STEP 6: ADDING ADDITIONAL TRANSMITTERS OR ASSIGNING CHANNELS

ADDING ADDITIONAL TRANSMITTERS (single channel)

1. Press and hold the **PROGRAMMING BUTTON** on the previously addressed transmitter until the blind jogs once.



2. Press and hold the **PROGRAMMING BUTTON** on the new transmitter until the blind jogs once.

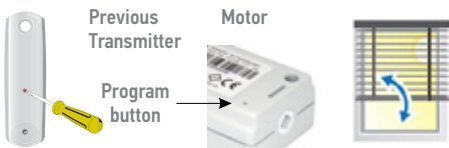
New transmitter is now added to the shade memory and can be used to operate the blind.



ADDING SPECIFIC CHANNELS TO THE BLIND

(multi-channel transmitters only)

1. Using a paperclip or pen, press and hold the **PROGRAMMING BUTTON** on the previously addressed transmitter or motor until the blind jogs once.



2. Select the desired channel (1-4 or all) by briefly pressing the **Channel Selector Button** on the multi-channel transmitter.

3. Press and hold the **PROGRAMMING BUTTON** on the multi-channel transmitter until the blind jogs once. Additional (new) channel is now added to the blinds' memory and can be used to operate the blind.

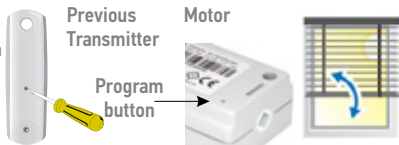


NOTE: To prevent unwanted Channel/Transmitter assignments when programming blinds within a group, follow step 1 and then proceed to step 2.

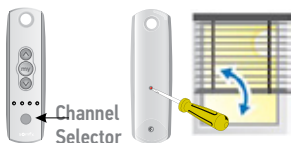
QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

DELETING SPECIFIC CHANNELS/TRANSMITTERS

Press and hold the **PROGRAMMING BUTTON** on the previously addressed transmitter or motor until the blind jogs once.



Select the desired channel (1-4 or all) or transmitter (single channel) to be deleted. Press and hold the **PROGRAMMING BUTTON** on the transmitter until the blind jogs once.



Channel or transmitter is now deleted from the blind memory and will not operate the blind.

STEP 7: RESETTING MOTOR (Erasing all Previously Programmed Limit Settings and Channels)

To delete all previous settings:

Press and hold the **PROGRAMMING BUTTON**, located on the top of the motor casing, until the blind jogs 3 times (approx. 12 seconds).



All transmitters and limits will be erased from the motor memory. Motor is now reset to factory mode. Motor limits (slat positions) will need to be re-established.

Option 1: Setting an Intermediate "MY" Position

1. Press the **UP** or **DOWN** directional button on the previously addressed transmitter until the blind slats reach a desired intermediate position, then press the **MY/STOP** button to stop. If necessary, adjust the desired slat position by pressing and holding either the **UP** or **DOWN** button.



2. Press and hold the **MY/STOP** button on the transmitter until the blind jogs. Intermediate "my" slat position is now added to the memory.



QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

3. Activate the blind intermediate position by pressing the **MY/STOP** button from **ANY** slat position. Slats will move to the closed **DOWN** position prior to stopping at the programmed "my" position.



NOTE: Blind should be stationary prior to activating intermediate position function. If slats are actively moving (in-motion), the **MY/STOP** button should be pressed twice.

To Delete: Activate blind to "my" position, then press and hold the **MY/STOP** button for 5 seconds. Previous "my" position is now deleted. Proceed to Option 1, Step 1 to set the new intermediate "my" position.

Option 2: Re-adjusting Upper Limit (UP slat position)

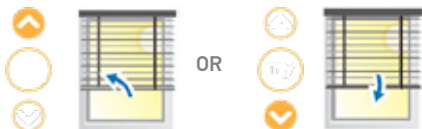
1. Press the **UP** directional button on the transmitter.
Blind will tilt to the pre-set Upper Limit.



2. Once the blind stops at the pre-set Upper Limit, press and hold the **UP and DOWN** buttons simultaneously on the transmitter until the blind jogs.



3. Press and hold either the **UP or DOWN** button on the transmitter to adjust slats to the new position.



4. Press and hold the **MY/STOP** button until the blind jogs.
New Upper Limit (Up Stop Position) is now added to the memory.



QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

Option 3: Re-adjusting Lower Limit (DOWN slat position)

1. Press the **DOWN** directional button on the transmitter. Blind will tilt to the pre-set Lower Limit.

2. Once the blind stops at the pre-set down limit, press and hold the **UP and DOWN** buttons simultaneously on the transmitter until the blind jogs.

3. Press and hold either the **UP or DOWN** button on the transmitter to adjust slats to the new position.



OR



4. Press and hold the **MY/STOP** button until the blind jogs.

New Lower Limit (Down Stop Position) is now added to the motor's memory.

Instructions are for use with Telis 1 & 4, DecoFlex 1 to 5 or Modulis

USER MODE: Operating the Blind (tilting the slats)

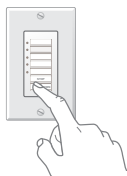
Telis & DecoFlex Switch Only

Press and hold the **UP** button to open the blind slats. Release the button when the desired position is reached. **Blind slats will operate at ½ speed.**

Press briefly the **UP** button and blind slats will move to the programmed limit (**slat position**) at full speed.



OR



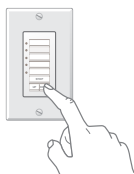
Telis & Decoflex Switch Only

Press and hold the **DOWN** button to close the slats. Release the button when the desired position is reached. **Blind slats will operate at ½ speed.**

Press briefly the **DOWN** button and blind slats will move to the programmed limit (**slat position**) at full speed.



OR



QUICK PROGRAMMING FOR TILT 50 WIREFREE™ RTS MOTORS

Using the Scroll Wheel (tilting the slats)

Modulis Only

Scroll the wheel of the Modulis transmitter to move the blind slats up or down. The slats will move in relation to the motion of the wheel on the transmitter.



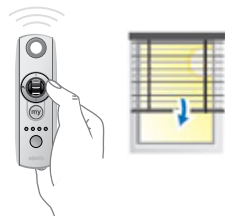
Modulis Only

Press momentarily on the **UP** button to open the blind slats. Press the **MY/STOP** button to stop the movement of the slats. If the stop command is not desired, slats will continue to move to the pre-programmed limit (**slat position**).



Modulis Only

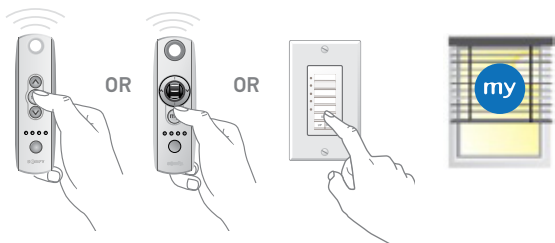
Press momentarily on the **DOWN** button to close the slats. Press the **MY/STOP** button to stop the movement of the slats. If the stop command is not desired, slats will continue to move to the pre-programmed limit (**slat position**).



Activate the Preferred "my" Position

Telis, Modulis & DecoFlex Switch

Press momentarily on the **MY/STOP** button. The slats will start moving and stop at the pre-programmed "my" preferred slat position.



QUICK PROGRAMMING FOR SONESSE® 30 WIREFREE (LI-ION) RTS MOTORS

SONESSE® 30 WIREFREE RTS - LI-ION/BUILT IN RECHARGEABLE BATTERY



30 mm motor diameter



Side view

12V DC



ROLLER SHADE



ROMAN/WOVEN
SHADE



2" HORIZONTAL
BLIND



SHEER HORIZONTAL
SHADE

1. COMMISSIONING

WAKE UP THE MOTOR by briefly pressing the motor head programming button or plugging in the charger. The shade will briefly jogs three times.



To avoid accidental programming of drive(s) once awake, follow section "Activate/Deactivate "RTS" when control point is temporarily preprogrammed (not paired) to the window covering to deactivate RTS.

2. INITIATE PROGRAMMING

Press the **UP and DOWN** simultaneously: the shade jogs. Make sure the motor is not inactive for more than 2 minutes, or it will exit programming mode.

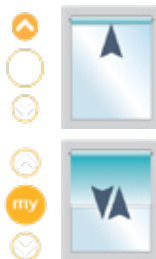


3. CHECKING THE ROTATION DIRECTION

Press and hold **UP**, the product should go up.

If window covering does not correspond with UP and DOWN - REVERSE the output direction, by pressing and holding the **MY/STOP** button until the window covering jogs.

Output direction should now correspond.



QUICK PROGRAMMING FOR SONESSE® 30 WIREFREE (LI-ION) RTS MOTORS

ENABLING RTS in USER MODE TO ACTIVATE RTS:

Briefly press the motor head programming button, the shade jogs once.



ADJUSTING THE LIMITS IN USER MODE

STOP Control must be programmed to the window treatment.

! *Green LED lights on for UPPER limit adjusting and blinks slowly for LOWER limit adjusting.*

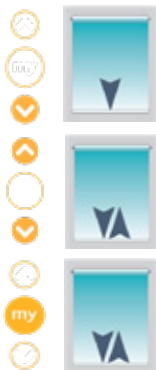
To change the Upper Limit

- 1) Move the window covering to its current UPPER limit.
- 2) Press and hold the **UP and DOWN** buttons simultaneously until the shade jogs. Adjust the shade to the new desired position.
- 3) To confirm the new position, press and hold the **MY/STOP** button until the window covering jogs.



To change the Lower Limit

- 1) Move the window covering to its current Lower Limit.
- 2) Press and hold the **UP and DOWN** buttons simultaneously until the shade jogs. Adjust the shade to the new desired position.
- 3) To confirm the new position, press and hold the **MY/STOP** button until the window covering jogs.



SETTING INTERMEDIATE PREFERRED "MY" POSITION

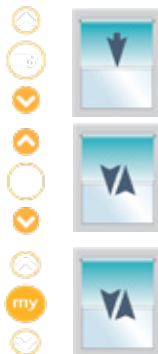
- 1) Move the shade to the desired position and press **MY/STOP** button to stop the shade.
- 2) Press and hold the **MY/STOP** button until the shade jogs. Favorite "my" position is set.
- 3) To set a NEW "my" position, repeat steps 1 and 2.



QUICK PROGRAMMING FOR SONESSE® 30 WIREFREE (LI-ION) RTS MOTORS

Modifying the motor rotation direction

- 1) Move the shade away from the end limits.
- 2) Press and hold the **UP and DOWN** buttons simultaneously until the shade jogs.
- 3) Press the **MY/STOP** button until the shade jogs to reverse the rotation direction and verify. The motor rotation direction is reversed.



MODE SELECTION:

The Sonesse® 30 WireFree RTS is designed to work in 2 modes:

A) ROLLER MODE (default)

Yellow LED light is solid

or B) TILTING MODE

Yellow LED blinks slowly



ROLLER SHADE

A



2° HORIZONTAL
BLIND

B

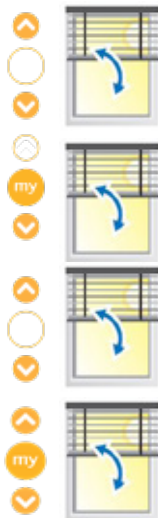
CHANGE TO TILTING MODE

- 1) Move the blind away from the end limits.
- 2) Press and hold both **UP and DOWN** buttons until the blind jogs.
- 3) Press and hold the **MY/STOP and DOWN** buttons simultaneously until the blind jogs.

The motor is now in **TILTING mode**.

Modifying the wheel rotation direction

- 1) Move the blind from the end limits.
- 2) Press and hold the **UP and DOWN** buttons simultaneously until the blind jogs.
- 3) Press the **UP, MY/STOP and DOWN** simultaneously, until the blind jogs. Wheel rotation is reversed.



QUICK PROGRAMMING FOR SONESSE® 30 WIREFREE (LI-ION) RTS MOTORS

ADJUSTING THE SPEED

 *LED blinks alternately in green and Yellow.*


1) Move the shade away from the end limits. Press and hold the **UP, MY/STOP and DOWN** simultaneously, until the shade jogs.

The shade will move up and down automatically in ten second cycles.




2) To increase the speed, press and hold the **UP** button until the shade jogs. Repeat as needed.



 Maximum speed is achieved when the shade no longer responds to the press of the UP button.

3) To decrease the speed, press and hold **DOWN** until the shade jogs. Repeat as needed.



 Minimum speed is achieved when the shade no longer responds to the press of the DOWN button.

4) To confirm the new speed, press and hold **MY/STOP** button until the shade jogs.



Erasing control points (transmitters) from memory

To delete all the programmed transmitters, press and hold the motor head **PROGRAMMING BUTTON** until the shade jogs twice.

All programmed transmitters are deleted.



Erasing the memory of the motor (factory default)

To reset the motor, press and hold the motor head **PROGRAMMING BUTTON** until the shade jogs 3 times.

All the settings are erased.



QUICK PROGRAMMING FOR SONESSE® 30 WIREFREE (LI-ION) RTS MOTORS

Enabling Sleep Mode

 The driven product must be programmed.

 This feature temporarily prevents the motor from responding to any previously programmed transmitter commands.

1) Press and hold the motor head **PROGRAMMING BUTTON** until the shade jogs.



2) Briefly press the motor head **PROGRAMMING BUTTON**, the shade jogs twice. "Sleep Mode" is activated.



Disabling Sleep Mode

3) Press the motor head **PROGRAMMING BUTTON**. The shade jogs and the transmitter commands are enabled.



TIPS AND ADVICE ON INSTALLATION

Question	Possible causes	Solutions
The shade doesn't operate.	The motor battery is low and requires charging.	Charge the battery.
	The control battery is low.	Check the battery and replace if required.
	The control is not compatible or not programmed.	Check the compatibility and replace if needed or program the control.
	The thermal protection has activated.	Wait for the motor to cool down.
The shade stops too soon.	The end limits are incorrectly programmed.	Reset the end limits.
	The shade exceeded the recommended weight limit.	Replace the shade.
	Battery is low.	Charge the battery.
Red LED blinks slowly for 3 sec. before & after motor running.	Battery is low. Battery capacity is 5% or lower.	Charge the battery.

QUICK PROGRAMMING FOR LT RTS CMO MOTORS

LT50/ LT60 RTS CMO - HARDWIRED OR PLUG-IN



50 mm and 60 mm motor diameter



Side view

110V AC



AWNING



ROLLING SHUTTER



EXTERIOR SOLAR SCREENS


FACTORY MODE

This mode allows for rotation direction modification and setting of the end limits.

DESCRIPTION

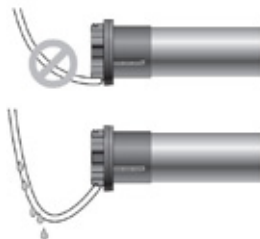
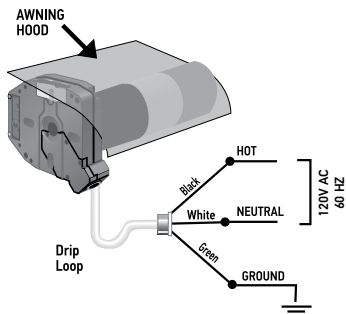
- The LT RTS CMO is designed for rolling blinds, awnings and shutters.
- The LT RTS CMO must be programmed with the RTS family of transmitters.
- The LT RTS CMO motors are compatible with a Soliris RTS and Eolis RTS Sun & Wind sensors.

BEFORE YOU BEGIN

 For initial programming, provide power only to the motor being programmed. If the motor is 120V AC hardwired and cannot be disconnected, please contact an electrician prior to calling Somfy customer service for assistance.

For awning installations, an awning hood is strongly recommended.

A drip loop should be formed for all installations to prevent water from entering the head of the motor as shown below.



QUICK PROGRAMMING FOR LT RTS CMO MOTORS

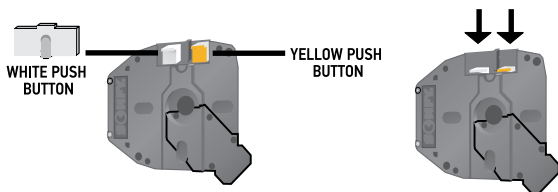
CONNECT POWER TO MOTOR

Two positions have to be set, the Upper and Lower Limits. This is achieved with the mechanical CMO limit switch unit.

 *Remember to power only one motor at a time.*

STEP 1: Provide power to the motor to be programmed. Notice the motor will not respond to any transmitter until a transmitter is assigned to communicate with the motor receiver. Remove the protective cap exposing the limit setting buttons on the motor head (replace when finished).

STEP 2: Make sure both limit setting buttons are depressed into the RTS CMO motor.



PROGRAMMING MODE


INITIATE PROGRAMMING MODE

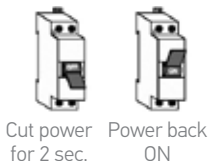
Briefly press the **UP and DOWN** buttons on the transmitter simultaneously until the motor jogs.

Make sure the motor is not inactive for more than 2 seconds or the motor will exit programming mode.



The LT RTS CMO motor will now operate in a momentary fashion.


 *In case of problems with setting of limits during PROGRAMMING MODE, turn the power off to the motor for 2 seconds and then back on to reset the motor.*



Please return to PROGRAMMING MODE to initiate programming process.

QUICK PROGRAMMING FOR LT RTS CMO MOTORS

CHECK THE DIRECTION OF OPERATION

 *If hand-held transmitter direction is not properly programmed, Eolis/Soliris RTS sensor will not function in the manner it was intended. Damage to the awning, shutter or screen and injury may occur as a result.*

Installer or user must verify the following transmitter (DOWN) command:

Awning Installations:  = awning moves outward or extends.

Shutter/Screen Installations:  = shutter/screen moves downward or closes

STEP 1: The **DOWN** button must correspond to DOWN on the end-product. If the direction is wrong, change the direction.




STEP 2: Press and hold the **MY/STOP** button until the awning jogs indicating that the change has been memorized in the motor.



Verify that the change took place before proceeding.

SETTING THE LIMITS

 *For larger units, set limit at 1/2 down or out position initially. Finalize programming and allow motor to rest for 10 minutes.*

Identify the Upper and Lower Limit switches on the motor head. Depends on the type of installation - left or right.



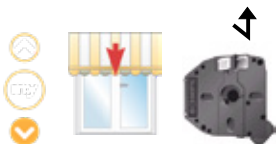
Setting the UPPER Limit

Press and hold the **UP** button until a desired upper limit is reached. Press and release the Upper Limit button on the motor.



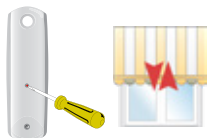
Setting the LOWER Limit

Press and hold the **DOWN** button until a desired lower limit is reached. Press and release the Lower Limit button on the motor.



CONFIRM THE SETTINGS

Once desired limits are set, press and hold the **PROGRAMMING BUTTON** on the back of the transmitter until the motor jogs.



QUICK PROGRAMMING FOR LT RTS CMO MOTORS

USER MODE

This mode is for operating the motor by the end user. Two intermediate "my" positions (IP1 & IP2) can be programmed into the LT RTS CMO motor. IP1 is set using the UP limit as a reference and IP2 is set from the DOWN limit as a reference.

INTERMEDIATE POSITION 1- Recording the Intermediate Position (IP1) referenced from the UP Limit of the end-product.

STEP 1: Briefly press **UP** to send awning to the UPPER Limit, then briefly press **MY/STOP** once it is reached.

STEP 2: Press and hold both the **MY/STOP** and **DOWN** buttons simultaneously of the RTS transmitter and release them when the end-product begins to move.

STEP 3: Stop the end-product at the intermediate position you wish to achieve.

STEP 4: Press and hold the **MY/STOP** button of the RTS transmitter until the end-product jogs indicating that the LT RTS CMO motor has memorized the first intermediate position IP1.

INTERMEDIATE POSITION 2 - Recording the Intermediate Position (IP2) referenced from the DOWN Limit of the end-product.

STEP 1: Briefly press **DOWN** to send awning to the fully extended position, then briefly press **MY/STOP** once it is reached.

STEP 2: Press and hold both the **MY/STOP** and **UP** buttons simultaneously of the RTS transmitter and release them when the end-product begins to move.

STEP 3: Stop the end-product at the intermediate position you wish to achieve.

STEP 4: Press and hold the **MY/STOP** button of the RTS transmitter until the end-product jogs indicating that the LT RTS CMO motor has memorized the second intermediate position IP2.

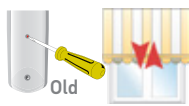


QUICK PROGRAMMING FOR LT50 RTS CMO MOTORS

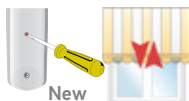
ADDING ADDITIONAL TRANSMITTERS/SENSORS

(Single Channel)

STEP 1: Using a paperclip or pen, press and hold the **PROGRAMMING BUTTON** on the previously programmed transmitter until the awning jogs.



STEP 2: Press and hold the **PROGRAMMING BUTTON** on the **additional (new)** transmitter/sensor until the awning jogs. Now both transmitters operate the awning the same way.



RESETTING BACK TO FACTORY MODE

Resetting Motor Memory and Recording New Transmitter

STEP 1: Perform a dual power cut in the following sequence:

1. Power-off 2 second minimum
2. Power-on 10 seconds
3. Power-off 2 second minimum
4. Power-on



 **New Transmitter**

The end product moves for 5 seconds in one direction, to indicate that the double power cut has been recorded. The motor is in **PROGRAMMING MODE** for 2 minutes.

STEP 2: Press and hold more than 5 seconds on the **PROGRAMMING BUTTON** of the previously programmed transmitter/channel. The motor jogs indicating that the new transmitter was recorded to the motor's memory.

Back to FACTORY MODE (To completely reset the LT RTS CMO motor's memory)

STEP 1: Perform a dual power cut in the following sequence:

1. Power-off 2 second minimum
2. Power-on 5 to 15 seconds
3. Power-off 2 second minimum
4. Power-on



 **Previously Recorded Transmitter**

The end product moves for 5 seconds in one direction, to indicate that the dual power cut has been recorded. The motor is in **PROGRAMMING MODE** for 2 minutes.

STEP 2: Press and hold more than 5 seconds on the **PROGRAMMING BUTTON** of the previously programmed transmitter/channel. The motor jogs indicating that the motor's memory has been completely cleared.

 The motor cannot be reset if it is already in FACTORY MODE.

QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS



MAESTRIA™ - HARDWIRED OR PLUG-IN



50 mm motor diameter



Side view

110V AC



EXTERIOR SOLAR SCREENS

FACTORY MODE

BEFORE YOU BEGIN

Motors are shipped in FACTORY MODE without limit settings and the transmitter ID's. Remember to power ONE MOTOR AT A TIME. All other screens must be disconnected from their respective power while programming.



Note - If motor is 120V AC hardwired and cannot be disconnected, please contact an electrician prior to calling Somfy customer service for assistance.

CONNECT TO POWER

With the motor installed in the screen, connect power to the motor that is being programmed (120V AC).



While programming, screens should not be inactive for longer than 2 minutes or motor will exit PROGRAMMING MODE.

INITIATE PROGRAMMING

On the transmitter, briefly press both **UP** and **DOWN** simultaneously: the screen jogs.



CHECK THE DIRECTION OF OPERATION

If hand-held transmitter direction is not properly programmed, Eolis 24V/Soliris 24V RTS sensor will not function in the manner it was intended. Damage to the screens and injury may occur as a result.

Check the direction of rotation by pressing UP or DOWN. When pressing **DOWN** the screen should go down.



If necessary, change the direction of rotation by simply pressing and holding the **MY/STOP** button until the screen jogs.



QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS

PROGRAMMING MODE

MANUAL ADJUSTMENT OF THE END LIMITS

- 1) Position the screen at the desired UPPER Limit, then press **MY and DOWN** simultaneously: the screen lowers.
- 2) Position the screen at the desired LOWER Limit, then press **MY and UP** simultaneously: the screen raises.
- 4) Press **MY/STOP** until the screen jogs to validate the end limit setting.



To EXIT PROGRAMMING and switch to USER MODE, briefly press the **PROGRAMMING BUTTON** on the control: the screen jogs; the control is programmed.




AUTOMATIC ADJUSTMENT OF THE LIMITS*

- 1) Bring the screen to its half-way position, then briefly press **UP and DOWN** simultaneously: the screen jogs.
- 2) Press the **DOWN** button: the screen lowers until it detects the Lower Limit, performs a brief upward movement and returns to its Lower Limit position.
- 3) To validate the setting, press **MY/STOP** until the screen jogs.

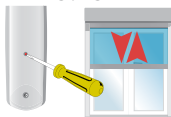


1 sec.



 *If the lower end limit is not set automatically after several attempts, restart the setting and perform the step on the following page.*

To EXIT PROGRAMMING and switch to USER MODE briefly press the **PROGRAMMING BUTTON** on the control: the screen jogs; the control is programmed.



QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS

SEMI-AUTOMATIC LIMIT ADJUSTMENT* (The LOWER limit is set manually and the UPPER limit is set automatically)

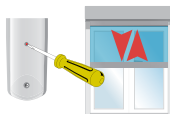
1) Position the screen at the desired LOWER Limit, then press **MY and UP** simultaneously: the screen raises.



2) Press **MY/STOP** to stop the screen and press **MY/STOP** again until the screen jogs to validate the LOWER Limit setting.




To EXIT PROGRAMMING and switch to USER MODE, briefly press the **PROGRAMMING BUTTON** on the control: the screen jogs; the control is programmed.



* The UPPER Limit in AUTOMATIC and SEMI-AUTOMATIC MODE is automatically calculated during the first 4 cycles in the USER MODE. After those 4 cycles, Maestria will stop at the UPPER end. The motor will automatically recalculate the UPPER limit on a regular basis, compensating any fabric expansion.

MANUAL ADJUSTMENT OF THE LOWER END LIMIT AND AUTOMATIC ADJUSTMENT OF THE UPPER END LIMIT WITH AUTOMATIC CATCHING SYSTEM (LOCK SYSTEM)

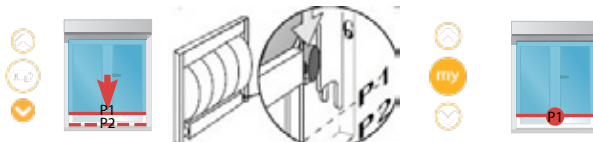
 *The catching system at the lower end limit may vary depending on the driven product, but the procedure for setting the entrance/exit positions of the catches remains the same on all systems.*

1) Starting from half-way position press and hold **UP and DOWN** simultaneously for 5 seconds until a slow up and down movement.



2) Press the **DOWN** button: the screen lowers.

3) Press the **MY/STOP** button to stop the screen at position (P1), which corresponds to the automatic catching system's entrance point.



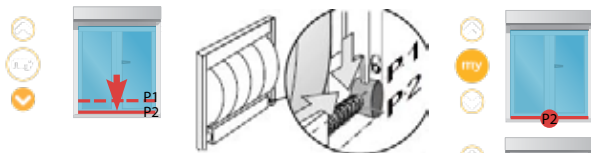
QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS

4) Press **MY/STOP** and **UP** simultaneously:
the screen raises and stops,
putting tension on the fabric.



5) Press the **DOWN** button: the screen lowers.

Then press the **MY/STOP** button to stop the screen at position (P2),
which corresponds to the automatic catching system's exit point.



7) Press **MY/STOP** until the screen jogs.
to validate the end limit setting.



To EXIT PROGRAMMING and switch to USER MODE,
briefly press the **PROGRAMMING BUTTON** on the
control: the screen jogs; the control is programmed.



MANUAL ADJUSTMENT OF END LIMITS WITH THE AUTOMATIC CATCHING SYSTEM

! *The catching system at the lower end limit may vary depending on
the screen product, but the procedure for setting the entrance/exit
positions of the catches remains the same on all systems.*

1) Starting from half-way position press
and hold **UP** and **DOWN** simultaneously
for 5 seconds until it jogs.



2) Press the **UP** button: the screen
raises. Next press **MY/STOP** to stop
the screen at the UPPER Limit
(adjust if necessary).



3) Press **MY/STOP** and **DOWN** simultaneously:
the screen lowers.



6) Press the **MY/STOP** button to stop the screen
at position (P1), which corresponds to the
automatic catching system's entrance point.

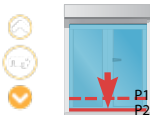


QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS

- 7) Press **MY/STOP and UP** simultaneously:
the screen raises and stops, putting tension on the fabric.



- 8) Press the **DOWN** button:
the screen lowers.



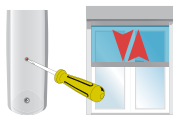
- 9) Press the **MY/STOP** button to stop the screen at position (P2), which corresponds to the automatic catching system's exit point.



- 10) Press **MY/STOP** until the screen jogs to validate the end limit setting.



To EXIT PROGRAMMING and switch to USER MODE, briefly press the **PROGRAMMING BUTTON** on the control: the screen jogs. The control is now programmed.



USER MODE

PROGRAMMING OF A NON-PRE-PROGRAMMED CONTROL

- 1) Switch off the power supply (the pre-programmed transmitter is deleted). Switch the main power supply back on. The screen jogs.



Cut power for 2 sec.



Power back ON



- 3) Simultaneously press the **UP and DOWN** buttons of the control to be programmed until the screen jogs.




- 4) Briefly press the **PROGRAMMING BUTTON** of this control: the screen jogs; the control is programmed.



QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS

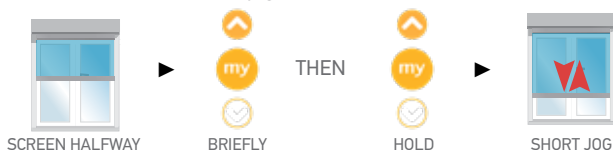
OBSTACLE DETECTION

 This function gives the possibility to deactivate the obstacle detection or increase the sensitivity up from the default level during the downward movement.

When adjusting obstacle detection, all button presses must be completed within 2 seconds of the previous press.

1. ENTER THE OBSTACLE SETTING MODE

Move the screen to half-way position, press **MY and UP** briefly and again **MY and UP** until the screen jogs.



2. CHANGE THE OBSTACLE DETECTION LEVEL

If the actuator goes back to USER MODE (short jog) repeat Step 1.

To Deactivate:

Press **UP** briefly within 2 seconds and then press **UP** briefly again. The screen will jog slowly and is now deactivated.



IF THE JOG IS SHORT YOU'VE REACHED THE DEFAULT SETTING. TO DEACTIVATE PRESS UP AGAIN.

To Increase Sensitivity:

Press **DOWN** briefly within 2 seconds and then press **DOWN** briefly again. The screen will jog slowly and is now deactivated.



IF THE JOG IS SHORT YOU'VE REACHED THE DEFAULT SETTING. TO INCREASE SENSITIVITY PRESS DOWN AGAIN

3. CONFIRM THE NEW SETTING & EXIT THE SETTING MODE

Press **MY/STOP** until the screen jogs to confirm the new setting.



The registered level of Obstacle Detection will be reached when entering Step 1 again.

QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS

ADDING/DELETING A TRANSMITTER

1. INITIATE PROGRAMMING

Press & hold the **PROGRAMMING BUTTON** (about 3 seconds) of an already programmed remote control. The motor will jog and is now in Programming Mode.



3 sec.



SHORT JOG

2A. ADDING A NEW TRANSMITTER

Briefly press the **PROGRAMMING BUTTON** on the back of the transmitter to be added. The motor jogs.



0.5 sec.



SHORT JOG

New transmitter is programmed and ready to operate the screen.

2B. DELETING A TRANSMITTER

Briefly press the **PROGRAMMING BUTTON** on the back of the previously programmed transmitter to be deleted. The motor jogs.



0.5 sec.



SHORT JOG

The transmitter is now deleted from the motor's memory.

QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS

ADJUSTING THE LIMITS IN USER MODE

TO CHANGE THE LOWER LIMIT

STEP 1: Press **DOWN** to send the screen to its current Lower Limit.



STEP 2: Press and hold both **UP** and **DOWN** simultaneously until the screen jogs.



STEP 3: Adjust to a new Lower limit position.



STEP 4: Press & hold the **MY/STOP** button until the screen jogs, to confirm the new limit.



TO CHANGE THE UPPER LIMIT:

STEP 1: Press **UP** to send the screen to its current Upper Limit.



STEP 2: Press and hold both **UP** and **DOWN** simultaneously until the screen jogs.



STEP 3: Adjust to a new Upper limit position.



STEP 3: Press & hold the **MY/STOP** button until the screen jogs, to confirm the new limit.



QUICK PROGRAMMING FOR MAESTRIA™ 50 RTS MOTORS

RESETTING MOTOR TO FACTORY MODE

1.PERFORM DOUBLE POWER CUT-OFF



Power
ON



Cut power
for 2 sec.



Power back
ON for 8
seconds



Cut power
for 2 sec.



Power
ON



SHORT JOG

2.FINISH THE RESET



7 seconds



SHORT JOG



SHORT JOG

Press & hold the
**PROGRAMMING
BUTTON** on the back of
the control for about 7
seconds.

The motor will jog after
2 seconds.

And then the motor
will jog again
validating the reset.

QUICK PROGRAMMING FOR SUNEATM RTS CMO MOTORS

SUNEATM - HARDWIRED OR PLUG-IN



50 mm motor diameter



Side view

110V AC



AWNING



EXTERIOR SOLAR SCREENS

FACTORY MODE

DESCRIPTION

The SuneaTM RTS CMO has 3 main features:

1. Universal motor for Retractable Awnings and Cassette Awnings
2. Back release function at top of end limit
3. Possibility to choose the closing force.

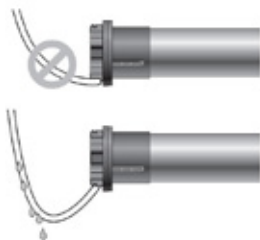


BEFORE YOU BEGIN

For initial programming, provide power only to the motor being programmed.

For awning installations, an awning hood is strongly recommended.

Drip loop should be formed to prevent water from entering the head of the motor.



CONNECT POWER TO MOTOR

Connect 120V AC to the SuneaTM motor via the proper extension cable with NEMA plug.



PROGRAMMING MODE

INITIATE PROGRAMMING MODE

Briefly press the **UP and DOWN** buttons on the transmitter simultaneously until the motor jogs.



The motor is now in **PROGRAMMING MODE**, the awning will move only when the UP or DOWN is held (or momentary fashion).

QUICK PROGRAMMING FOR SUNEATM RTS CMO MOTORS

CHECK THE DIRECTION OF OPERATION

*If hand-held transmitter direction is not properly programmed, Eolis/Soliris RTS sensor **will not function** in the manner it was intended. Damage to motorized window covering and injury may occur as a result.*

Installer or user must verify the following Awning Installations Hand-Held transmitter (DOWN) command:

Awning Installations:  = awning moves outward or extends.

STEP 1: The **DOWN** button must correspond to DOWN on the end-product. In case of an awning, it will open or extend the awning. If the direction is wrong, change the direction.



STEP 2: Press and hold the **MY/STOP** button until the awning jogs indicating that the change has been memorized in the motor.



Verify that the change took place before proceeding.

SETTING LIMITS FOR STANDARD RETRACTABLE AWNING

(Both UP and DOWN Limits need to be set)

STEP 1: Bring the awning to your desired Upper Limit with the transmitter. Then press and hold both the **MY/STOP and DOWN** buttons simultaneously until the awning begins to extend, then release. Stop the motor where the Lower Limit should be set. You can adjust by pressing the UP or DOWN buttons.



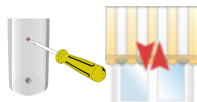
STEP 2: Press and hold both the **MY/STOP and UP** buttons simultaneously until the awning begins to retract. The motor will stop at the original Upper point.



STEP 3: Press and hold the **MY/STOP** button until the awning performs a long jog (a hard Upper Limit stop will take place, then release).



STEP 4: Press and hold the **PROGRAMMING BUTTON** on the back of the transmitter until the awning jogs. It will now operate in a maintained fashion. Double check limits as a precaution.



QUICK PROGRAMMING FOR SUNEATM RTS CMO MOTORS

SETTING LIMITS FOR CASSETTE AWNINGS

(Only **LOWER** Limit needs to be set. Automatic Limit is set for **UPPER** Limit)



Limit setting must start from the DOWN or extended position. Do not start limit setting from the UP position as it is automatically set.

In case of problems with setting of limits during PROGRAMMING MODE, turn the power off to the motor for 2 seconds and then back on to reset the motor. Please return to PROGRAMMING MODE to initiate programming process.

STEP 1: Bring the awning to your desired down limit with the transmitter.

Press and hold both the **MY/STOP** and **UP** buttons simultaneously until the awning begins to move up, then release.



STEP 2: Press the **MY/STOP** button and stop the awning halfway UP, before the UP limit is reached.



STEP 3: Press and hold **MY/STOP** the button again until the awning moves to set its UPPER limit automatically and confirm.



STEP 4: Press and hold the **PROGRAM** **BUTTON** on the back of the transmitter until the awning jogs. It will now operate in a maintained fashion. Double check limits as a precaution.



ADJUSTING THE LOWER LIMIT

Send the motor to its current LOWER limit position with the transmitter and let it stop.

Press and hold both the **UP** and **DOWN** buttons simultaneously until the awning jogs, then release. Adjust to a new LOWER limit position.



Press the **MY/STOP** button until the awning jogs, then release. Check new limit.



QUICK PROGRAMMING FOR SUNEATM RTS CMO MOTORS

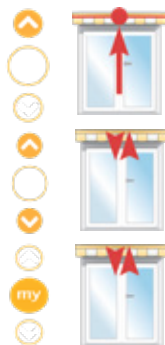
ADJUSTING THE UPPER LIMIT

To Change the UPPER Limit: (Only For Retractable Awning)

Send the motor to its current Upper Limit position with the transmitter and let it stop.

Press the and hold both the **UP and DOWN** buttons simultaneously until the awning jogs, then release.

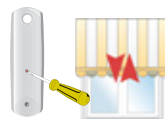
Adjust to a new Upper Limit position. Press the **MY/STOP** button until the awning jogs, then release. Check new limit.



ADDING OR DELETING A TRANSMITTER (Single Channel, Multi Channel, or Sensor)

Adding a Remote/Channel or Sun and Wind Sensor:

First, press the **PROGRAMMING BUTTON** on the back of the already programmed remote until the awning jogs.



Previously programmed

Then press the **PROGRAMMING BUTTON** on the remote or sun/wind sensor that you would like to add until the awning jogs. Check it.



New

RESETTING MOTOR TO FACOTRY MODE

1. Perform double power cut-off



Power ON



Cut power for 2 sec.



Power back ON for 10 sec.



Cut power for 2 sec.

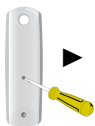


Power ON



2. Finish the reset

Press & hold the **Programming button** on the back of the control for about 7 sec.




Jog after about 2 sec.

Second jog.

All transmitters and limits will be erased (motor is now in **FACTORY MODE**). Motor limits will need to be reestablished.

QUICK PROGRAMMING FOR SUNEATM RTS CMO MOTORS

ADVANCED FEATURES FUNCTION

 BACK IMPULSE Function for both Standard Retractable and Cassette Awnings. This function allows you to apply tension on the fabric when the awning is fully extended. The motor can be adjusted up to a 1/2 half turn.

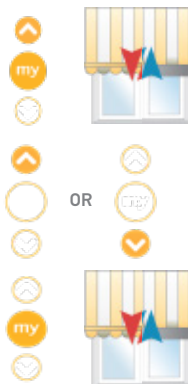
STEP 1: Set the awning to the lowest position.

To Activate this Function:


STEP 2: Press and hold both the **MY/STOP** and **UP** buttons simultaneously until the awning jogs. The motor is in **PROGRAMMING MODE**.

STEP 3: Adjust the fabric's tension using the UP or DOWN buttons.

STEP 4: Press the **MY/STOP** button until the awning jogs. The fabric's tension has been programmed.



BACK RELEASE FUNCTION ON CASSETTE AWNINGS ONLY

 This function allows the fabric tension to be released after the cassette awning is closed.



Set the awning to the UP or CLOSED limit position with the transmitter.

To Activate this Function:

STEP 1: Cut the power for 2 sec, then plug back in, unless you are using the awning in the first 4 cycles.



Cut power for 2 sec.



Power back ON

Press and hold both the **MY/STOP** and **DOWN** buttons simultaneously until the awning jogs.




If the Back release function was deactivated, it is now activated.

If the Back Release function was active, it is deactivated.

QUICK PROGRAMMING FOR SUNEATM RTS CMO MOTORS

CLOSING FORCE ADJUSTMENT - FOR CASSETTE AWNINGS ONLY

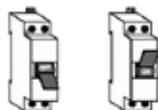


 *This function enables the closing force of the cassette awning to be increased or decreased to 3 levels (high/medium/low). The motor is factory set at the medium level.*

STEP 1: Bring the awning to the halfway position.

To Activate this Function:

STEP 2: Cut the power for 2 seconds then plug back in, unless you are using the awning in the first 4 cycles.



Cut power for 2 sec. Power back ON

STEP 3: Briefly press the **MY/STOP** and **UP** buttons simultaneously, then immediately press and hold the **MY/STOP** and **UP** buttons again until the motor jogs.



The motor is only in **PROGRAMMING MODE** for approx. 10 seconds.

STEP 4: Adjust the closing force setting using the UP and DOWN buttons.

To increase the closing force, press the **UP** button until the motor jogs.



To decrease the closing force, press the **DOWN** button until the motor jogs (long jog for levels 3 and 1) (short jog for level 2).



STEP 5: Press and hold the **MY/STOP** button until the awning jogs.

The new closing force has been programmed.



QUICK PROGRAMMING FOR OXIMO™ RTS MOTORS

OXIMO™ - HARDWIRED OR PLUG-IN



50 mm motor diameter



Side view

110V AC



ROLLING SHUTTER

AUTO SET BOTH LIMITS

To allow Oximo to auto set limits, the product must have rigid links and bottom stops.

STEP 1: Wake the motor by pressing the **UP** and **DOWN** buttons simultaneously until the motor jogs.

NOTE: After every command the motor will jog to confirm.

STEP 2: Check the direction of rotation by pressing the **DOWN** button. The shutter should go down.

If needed, change the direction of rotation by pressing and holding the **MY/STOP** button until the motor jogs.

STEP 3: Press the **UP** and **DOWN** buttons simultaneously until the motor jogs.

STEP 4: Press and hold the **MY/STOP** button until the motor jogs to confirm the limit setting.

STEP 5: Press and hold the **PROGRAMMING BUTTON** on the back of the transmitter until the motor jogs.



The buttons no longer have to be held for the motor to run. The motor will auto detect the non-set limit from the physical stop.

QUICK PROGRAMMING FOR OXIMO™ RTS MOTORS

UPPER LIMIT SET MANUALLY, BOTTOM LIMIT AUTO SET

To allow Oximo to auto set the bottom limit, the product must have rigid links.

STEP 1: Wake the motor by pressing the **UP and DOWN** buttons simultaneously until the motor jogs.

NOTE: *After every command the motor will jog to confirm.*

STEP 2: Check the direction of rotation by pressing the **DOWN** button. The shutter should go down.

If needed, change the direction of rotation by pressing and holding the **MY/STOP** button until the motor jogs.

STEP 3: Run the motor to the desired upper limit.

Press the **MY/STOP and DOWN** buttons simultaneously until the motor starts to run downward.

Use the **MY/STOP** button to stop the motor.

STEP 4: Press and hold the **MY/STOP** button until the motor jogs to confirm the limit setting.

STEP 5: Press and hold the **PROGRAMMING BUTTON** on the back of the transmitter until the motor jogs.



The buttons no longer have to be held for the motor to run. The motor will auto detect the non-set limit from the physical stop.

QUICK PROGRAMMING FOR OXIMO™ RTS MOTORS

GENERAL INFORMATION

ADJUSTING THE LIMITS AFTER THE MOTOR HAS BEEN PROGRAMMED.

To change the upper limit, run the motor to its upper limit and let it stop.

Press the **UP and DOWN** buttons simultaneously until the motor jogs.

Run the motor to the new desired upper limit.

Press and hold the **MY/STOP** button until the motor jogs. Check the new limit.

To change the lower limit, run the motor to its lower limit and let it stop.

Press the **UP and DOWN** buttons simultaneously until the motor jogs.

Run the motor to the new desired lower limit.

Press and hold the **MY/STOP** button until the motor jogs. Check the new limit.



QUICK PROGRAMMING FOR OXIMO™ RTS MOTORS

BOTH LIMITS SET BY USER

STEP 1: Wake the motor by pressing the **UP and DOWN** buttons simultaneously until the motor jogs.



STEP 2: Check the direction of rotation by pressing the **DOWN** button. The shutter should go down.



If needed, change the direction of rotation by pressing and holding the **MY/STOP** button until the motor jogs.

STEP 3: Run the motor to the desired upper limit.



STEP 4: Press the **MY/STOP and UP** buttons simultaneously until the motor starts to run downward.



STEP 5: Use the **MY/STOP** button to stop the motor near the desired lower limit. Use the UP or DOWN button to position at the exact desired lower limit.



STEP 6: Press the **MY/STOP and UP** buttons simultaneously until the motor starts to run.



STEP 7: Use the **MY/STOP** button to stop the motor and then press and hold the **MY/STOP** button until the motor jogs to confirm the limit settings.



Note: Until this step, the up or down limit can be adjusted by repeating step 3 to step 6.

STEP 8: Press and hold the **PROGRAMMING BUTTON** on the back of the transmitter until the motor jogs.



The buttons no longer have to be held for the motor to run. Double check the limits are in the desired position.

QUICK PROGRAMMING FOR OXIMO™ RTS MOTORS

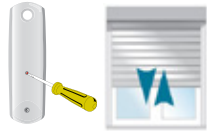
ADDING/DELETING A TRANSMITTER

To add or delete a remote/channel, press the **PROGRAMMING BUTTON** on the back of an already programmed remote/channel until the motor jogs.



Previously programmed

Next, press the **PROGRAMMING BUTTON** on the back of the remote/channel you wish to add or delete until the motor jogs.



Transmitter to be added or deleted

RESETTING THE MOTOR TO FACTORY MODE

1. Perform double power cut-off



Power ON



Cut power for 2 sec.



Power back ON for 8 seconds



Cut power for 2 sec.



Power ON



SHORT JOG

The motor should jog or start to run. If this does not happen, repeat the power cuts until the motor does run.

Allow the motor to stop on its own. Do not press stop, up or down or you will have to repeat the double power cut.

2. Finish the reset.

Once the motor stops on its own, press and hold the **PROGRAMMING BUTTON** until the motor jogs twice, validating the reset.



About 7 seconds



SHORT JOG

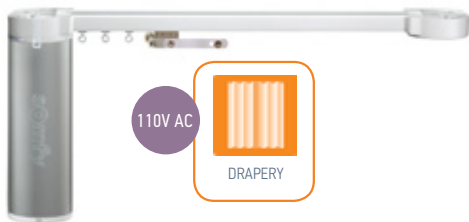


SHORT JOG

All transmitters and limits will be erased (motor is now in **FACTORY MODE**). Motor limits will need to be reestablished.

QUICK PROGRAMMING FOR DRAPERY RTS MOTORS

GLYDEA® 35E & 60E RTS - PLUG-IN DRAPERY MOTORS



110V AC

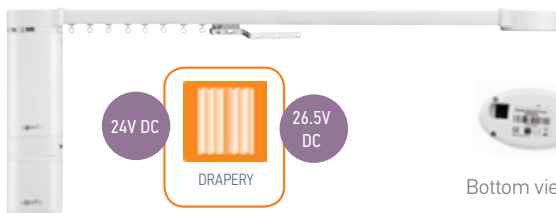


DRAPERY



Bottom view

IRISMO™ 35 RTS & 45 WIREFREE RTS DRAPERY MOTORS



24V DC



DRAPERY

26.5V DC

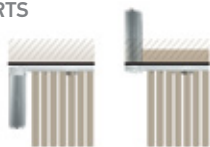


Bottom view

DESCRIPTION

Glydea 35e RTS, Glydea 60e RTS, Iriso™ 35 Mini DC, Iriso™ 45 WireFree RTS

- Motor placement left or right and/or upside down installation
- New touch motion
- Comes in Dry contact with optional RTS plug-in module



Standard Mounting Inverse Mounting

BEFORE YOU BEGIN



Manually move drapery to a middle position along the track. This allows for movement of the motor in either direction.

CONNECT POWER TO MOTORS



Glydea® motors are equipped with an integrated 120V AC NEMA power plug with a 10 ft. cable



Iriso™ 35 Mini DC is equipped with a plug-in low voltage (24V DC) transformer.

Iriso™ 45 WireFree RTS is equipped with a rechargeable (26.5V DC) battery.

QUICK PROGRAMMING FOR DRAPERY RTS MOTORS

PROGRAMMING THE RTS CONTROL POINT

STEP 1: To initiate programming, press and hold the **OPEN/UP** and **CLOSE/DOWN** buttons simultaneously on the RTS transmitter until the drapery jogs.



STEP 2: Briefly press **OPEN/UP** or **CLOSE/DOWN**, the drapery automatically runs to record both hard stop positions.



CHECK THE DIRECTION OF OPERATION

STEP 3: Press the RTS transmitter **OPEN/UP** button.

- If the drapery opens, the direction of rotation is correct, go to STEP 5.

- If the drapery closes, the direction of rotation is incorrect, go to STEP 4.



STEP 4: Press the **MY/STOP** button until the drapery jogs: the direction of rotation has been modified.

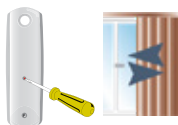
To confirm press the **OPEN/UP** button and check the direction of rotation again.



RECORDING THE RTS TRANSMITTER

STEP 5: Press the **PROGRAMMING BUTTON** on the back of the RTS transmitter until the drapery jogs. The RTS transmitter is now recorded.

To operate the drapery press the **OPEN/UP** or **CLOSE/DOWN** button.



SETTING INTERMEDIATE PREFERRED "MY" POSITION

STEP 1: Move the drapery to the desired intermediate position with the **OPEN/UP** or **CLOSE/DOWN** buttons.

STEP 2: Press the **MY/STOP** button until the drapery jogs to confirm setting.



DELETING INTERMEDIATE PREFERRED "MY" POSITION

To delete the "my" position, move the drapery to the current "my" position, then press the **MY/STOP** button until the drapery jogs.



QUICK PROGRAMMING FOR DRAPERY RTS MOTORS

ADJUSTING THE LIMITS

STEP 1: Press the **OPEN/UP** or **CLOSE/DOWN** button to move the drapery to the limit to be re-adjusted.



STEP 2: Press and hold the **OPEN/UP** and **CLOSE/DOWN** buttons simultaneously until the drapery jogs.



STEP 3: Press and hold the **OPEN/UP** or **CLOSE/DOWN** buttons to move the drapery to the new desired position.



STEP 4: To confirm the new limit, press and hold the **MY/STOP** button until the drapery jogs.



MODIFYING THE MOTOR ROTATION DIRECTION

STEP 1: Press **OPEN/UP** or **CLOSE/DOWN** button to move the drapery away from the limit.



STEP 2: Press and hold the **OPEN/UP** and **CLOSE/DOWN** buttons simultaneously until the drapery jogs.



STEP 3: Press the **MY/STOP** button until the drapery jogs to reverse the rotation direction.



QUICK PROGRAMMING GUIDE FOR DRAPERIES RTS MOTORS

DRY CONTACT MODE SETTING

(does not apply to Irismo™ 45)

STEP 1: Press **OPEN/UP** or **CLOSE/DOWN** button to move the drapery away from the limit.



STEP 2: Press and hold the **OPEN/UP** and **CLOSE/DOWN** buttons simultaneously until the drapery jogs.



STEP 3: Press the **MY/STOP** and **CLOSE/DOWN** buttons simultaneously until the drapery jogs.



ACTIVATING THE TOUCH MOTION FEATURE

NOTE: By default the touch motion feature is not activated.

STEP 1: Press **OPEN/UP** or **CLOSE/DOWN** button to move the drapery away from the limit.



STEP 2: To initiate programming, press and hold the **OPEN/UP** and **CLOSE/DOWN** button simultaneously until the drapery jogs.



STEP 3:

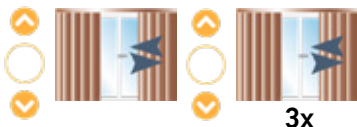
To activate the Standard Sensitivity Setting (more sensitive)

Press the **OPEN/UP** and **CLOSE/DOWN** buttons simultaneously until the drapery jogs (total of 2 jogs including Step 2).



To activate the Low Sensitivity Setting (less sensitive)

Press both **OPEN/UP** and **CLOSE/DOWN** buttons until the drapery jogs once. Then press the same buttons again until the drapery jogs again (total of 3 jogs including Step 2).



STEP 4: Press the **MY/STOP** button until the drapery jogs to confirm the setting.



QUICK PROGRAMMING GUIDE FOR DRAPERY RTS MOTORS

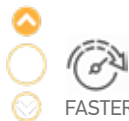
ADJUSTMENT OF SPEED SETTING

STEP 1: Press and hold both **MY/STOP** and **OPEN/UP** buttons simultaneously until the drapery starts to open and close automatically.



STEP 2:

Press **OPEN/UP** to increase speed



FASTER

CLOSE/DOWN to decrease speed.



SLOWER


STEP 3: Press the **MY/STOP** button until the drapery jogs to confirm the setting.



DELETING SPECIFIC CHANNELS/TRANSMITTERS

STEP 1: Press and hold the **PROGRAMMING BUTTON** on the previously programmed transmitter until the drapery jogs.



 *Step 1 should not be performed with the transmitter intended for deletion.*

STEP 2: Select the desired channel (1-4 or all) or transmitter (single channel) to be deleted.



STEP 3: Press and hold the **PROGRAMMING BUTTON** on the transmitter until the drapery jogs. Channel or transmitter is now deleted from the drapery memory and will not operate the drapery.



DELETING PREVIOUS SETTING

To delete all the transmitters programmed and retain limit setting, press and hold the receiver's **PROGRAMMING BUTTON** until the drapery jogs twice.



2x

Resetting completely the memory of the motor, press the receiver's **PROGRAMMING BUTTON** until the drapery jogs 3 times.

All the settings are erased.



3x

QUICK PROGRAMMING FOR OUTDOOR LIGHTING RECEIVER RTS

PROGRAMMING MODE

ADD THE FIRST TRANSMITTER TO THE MEMORY

STEP 1: Press the **PROGRAMMING BUTTON**, on the Outdoor Lighting Receiver RTS for more than 2 seconds.

STEP 2: The programming LED on the receiver will illuminate and the lamp will light for 2 seconds.

STEP 3: Press the **PROGRAMMING BUTTON** on the new transmitter to add it to the receiver. The programming LED on the Receiver will blink and the lamp will light indicating the transmitter is memorized.

ADD THE FIRST TRANSMITTER TO THE MEMORY

STEP 1: Press the **PROGRAMMING BUTTON**, on the Lighting Receiver for more than 2 seconds.

STEP 2: The programming LED on the receiver will light, and the lamp will light for 2 seconds.

STEP 3: Press the **PROGRAMMING BUTTON** on the new transmitter to attach it to the receiver. The programming LED on the Receiver will blink and the lamp will light indicating the transmitter is memorized.

ADDING A NEW TRANSMITTER TO THE MEMORY

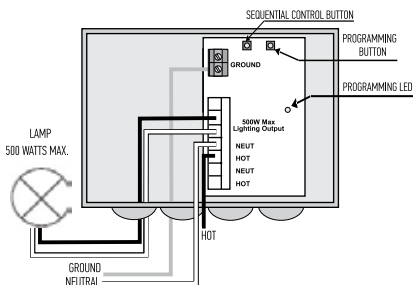
STEP 1: Press the **PROGRAMMING BUTTON**, for more than 2 seconds, on a transmitter that is already memorized by the Lighting Receiver.

STEP 2: The programming LED on the receiver will light and the lamp will light for 2 seconds.

STEP 3: Press the **PROGRAMMING BUTTON** on the new transmitter to attach it to the receiver. The programming LED on the receiver will blink and the lamp will light indicating the transmitter is memorized.

REMOVING ALL TRANSMITTERS FROM MEMORY

Press and hold the **PROGRAMMING BUTTON** of the receiver for more than 7 seconds until the LED blinks and the light flashes twice. This removes ALL memorized transmitters or sensors.



QUICK PROGRAMMING FOR OUTDOOR UNIVERSAL RECEIVER RTS

PROGRAMMING MODE

ADD THE FIRST TRANSMITTER TO THE MEMORY

STEP 1: Press the **PROGRAMMING BUTTON**, on the Outdoor Universal Receiver RTS for more than 2 seconds.

STEP 2: The programming LED on the receiver will illuminate on and the motor will jog.

STEP 3: Press the **PROGRAMMING BUTTON** on the new transmitter to record it to the receiver. The programming LED on the Receiver will blink, and the motor will jog indicating the transmitter is memorized.

STEP 4: Press the **PROGRAMMING BUTTON** on the Telis transmitter or RTS sensor to be memorized. The programming LED will blink and the motor will jog indicating the device has been memorized.

STEP 5: Operate the motor in the DOWN direction.

STEP 6: The motorized treatment should move down or extend if this is incorrect, turn off power to the receiver and reverse the RED and BLACK wires. Failure to correct this error will cause damage to awning by extending it during windy conditions

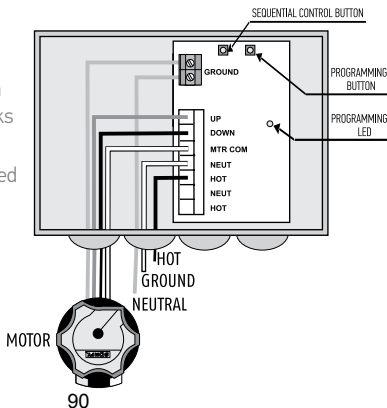
ADDING A NEW TRANSMITTER/SENSOR TO THE MEMORY

STEP 1: Set the Universal Receiver into **PROGRAMMING MODE** by pressing the **PROGRAMMING BUTTON** until the LED lights (about 2 seconds). The motor will jog.

STEP 2: Press the **PROGRAMMING BUTTON** on the Telis transmitter or RTS sensor to be memorized. The programming LED will blink and the motor will jog indicating the device has been memorized.

REMOVING ALL TRANSMITTERS FROM MEMORY

Press and hold the **PROGRAMMING BUTTON** of the receiver for more than 7 seconds until the LED blinks and the motor jogs twice. This removes ALL memorized transmitters or sensors.



QUICK PROGRAMMING FOR DIMMABLE LED RTS LIGHT KIT

GETTING STARTED

STEP 1: Choose a location to mount the receiver.

The surface should be reasonably flat and have enough room for easy access to connect the cables on both sides.

If you are connecting a Sunea motor with Quick connect to the LED Control, ensure the motor socket is close enough to the motor for the motor cable to reach.

Confirm the interconnect cables will reach. If mounting LED bars on the arms of a long awning, the LED control may need to be mounted closer to the center and a second 15 ft interconnect cable may need to be ordered.

STEP 2: Fasten the LED Control to the selected surface using #8 screws appropriate for the material you are mounting to.

STEP 3: Mount the LED bars.

NOTE: If mounting the LED bars on or near an awning, ensure the desired mounting location has clearance for the LED bars and the cables and LED bars are clear of contact from other moving parts through the full travel of the awning.

NOTE: The LED bars can be mounted using the included double sided tape or with screws through the mounting tabs. If using the tape, ensure the surface is clean and dry. Double check the mounting location as the tape attaches strongly.

If mounting LEDs to the awning arms, ensure the LED bars on the front arm and the back arm are close enough to the arm joint that the connector cables are not pulled tight when the arms are extended or retracted and roughly the same distance from the arm joint to reduce bending of the cables.

NOTE: Make certain to mount the LED bars with the female connector closest to the LED control.



Example 1: Utilizing the Sunea® motor the receiver is plugged into the motor and both are powered from the same source via Sunea® power cord. The field instalable motor plug allows the same configuration with other motors.



Example 2: The receiver and motor are plugged separately for power, each directly into the power outlet.

NOTE: The receiver can be used with most 12V LED lights, up to 60w.

QUICK PROGRAMMING FOR DIMMABLE LED RTS LIGHT KIT

STEP 4: Interconnection Cables (From White sockets on LED control to Female connector on LED bar)

Press the interconnection cables into the connections and then screw down on both the Control and LED bar sides. The connectors are keyed to prevent incorrect connections.

For the awning arm kit, use the 5' connection cable to connect to the close arm and the 25' to connect to the far arm. If mounting to the arms on a long awning, you may need to mount them in the middle and order another cable (5, 15 and 25 ft. cables are available separately).

Use zip ties or cable guides to secure the cable. Leave enough free cable at joints to prevent the cable from pulling tight or bending at a sharp angle.

Ensure the cables are free from pinching, pulling or contact with moving parts through the full travel of the awning.

If only connecting 1 series (string) of LED bars to the LED Control, leave the weather cap tight on the spare socket.

STEP 5: Connect Power (Optional - also connect the motor)

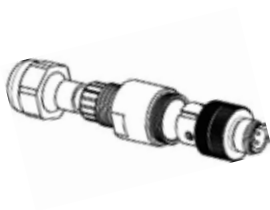
If used with a Sunea motor with quick connect, the existing motor power cord can likely be used. Ensure the control is mounted close enough to the motor.

Connect the power cord into the black power connector and screw tight.

(The power cord is purchased separately)

If connecting a Sunea® motor with quick connect, remove the silver weather cap and screw the motor into the silver socket.

A standard Altus® or any RTS CMO motor can be connected to the LED Control by adding a field installable motor quick connector. See the Quick Connect addendum.



Field Installable
Motor Quick
Connector

QUICK PROGRAMMING FOR DIMMABLE LED RTS LIGHT KIT

PROGRAMMING MODE

FEEDBACK

On each programming step the LED Control will give a blink of the connected LEDs as feedback to confirm the command was accepted. If the LEDs are off, the feedback is a blink on and then back off. If the LEDs are on, the feedback will be a blink off and then back on. Some programming functions give a slow blink 2 to 3 seconds on/off (or off/on as mentioned above) and others will provide a fast blink as feedback.

POWER UP

When power is first applied to the LED Control, the LEDs will give a slow blink. This is the indication that the LED Receiver is not programmed.

MEMORIZING THE 1ST TRANSMITTER

STEP 1: Power up the LED Control and verify that the LEDs give a slow blink.

STEP 2: Press and the **UP and DOWN** buttons simultaneously. The LEDs will give slow blink.

STEP 3: Press the programming button until the LEDs give a slow blink. The transmitter is now programmed.



ADDING ADDITIONAL TRANSMITTERS (CHANNELS)

A total of 12 RTS transmitters (channels) can be memorized by the LED Receiver

STEP 1: With the LEDs OFF, use a programmed transmitter and press and hold the **PROGRAMMING button** until the LEDs give a slow blink

STEP 2: Press the **PROGRAMMING button** of the transmitter you wish to add, the LEDs will give a slow blink. The transmitter is ready for your use.

FACTORY RESET

If all programmed transmitters are lost or broken, the LED control can be reset to factory setting to allow a new transmitter to be added.

1. If a motor is connected to the LED control, disconnect the motor before starting. Reconnect the motor after the LED control has been reprogrammed.
2. Cut power for 5 seconds.
3. Restore power for 10 seconds.
4. Cut power for 5 seconds.
5. Restore power. The LED control should start a slow on/off blink cycle that will continue for 2 minutes if no other commands are given.

QUICK PROGRAMMING FOR DIMMABLE LED RTS LIGHT KIT

FACTORY RESET - CONTINUED

6. While the LEDs are in the on/off blink cycle, press and hold the programming button on the transmitter until the LEDs give a fast blink on/off and then a second blink on/off and then remain off.

The control is now reset and can be programmed with a new transmitter.

FUNCTION

Setting and using the Favorite “my” light level



'my' light level

1. To set the favorite “my” light level use the up or down button to dim the LEDs to the desired light level.

2. Press and hold the **MY/STOP** button until the LEDs blink twice.

The favorite “my” level is set. A short press of the **MY/STOP** button will move the light level to the set favorite.

LED 3 hour Timer

The LED Control has a 3 hour timer that can be enabled or disabled as desired. The timer is disabled in the factory default mode.

With the Timer enabled, the control will automatically turn off the LEDs 3 hours after the last command is given.

Enable the Timer

Simultaneously press and hold for approximately 7 seconds the **UP, MY and DOWN** buttons until the LEDs give a fast blink.

Disable the Timer

Simultaneously press and hold for approximately 7 seconds the **UP, MY and DOWN** buttons until the LEDs give a fast blink.

Each time the **UP, MY and DOWN** buttons are held for 7 seconds will toggle the Timer on or off.

One blink = 3 hour Timer Enabled

Two blinks = 3 hour Timer Disabled

BUTTON PRESS	FUNCTION
Short press on UP	LEDs ON 100%
Short press on DOWN	LEDs OFF
Hold the UP	Dim LEDs UP
Hold the DOWN	Dim LEDs DOWN
Hold the MY	Set the favorite light level
Short press on MY	Go to the set favorite level

QUICK PROGRAMMING FOR RTS REPEATER

The Somfy RTS Repeater can be used in installations to extend the range of the standard Radio Technology Somfy® signal. It will receive the signal from a Telis or similar device and retransmit the signal to a RTS compatible motor or receiver.

Simply plug the receiver into any 120V AC outlet. It should be located at least halfway between the transmitting device (Telis) and receiving device (RTS Motor). The red LED will blink, indicating communication.



QUICK PROGRAMMING FOR UNIVERSAL RTS INTERFACE (URTSI)

PROGRAMMING MODE

Set the RTS receiver or motor into its **PROGRAMMING MODE**.

Refer to the installation instructions of the relevant RTS receiver or motor for this procedure.

 For initial programming, provide power only to the motor or control being programmed.

Using the rotary switch, select the channels (1-9) to be programmed. Letter A through F stand for channels 10 through 15, 0 for 16. Briefly press the **PROGRAMMING BUTTON** (1 sec. max.). The window treatment will jog to indicate the channel has been memorized.



Repeat the steps above for each channel or product to be memorized.

To test the control operation, simply press the **UP, STOP or DOWN** buttons on the front of the control. The window treatment should move appropriately. The LED will flash red to indicate the radio signal has been transmitted.

MYLINK™ INITIAL SETUP AND RTS PROGRAMMING

PRE-INSTALLATION BEST PRACTICES

1. Confirm that the RTS motorized products are fully operational from at least 1 RTS control and that all the limits are set (including the **MY** position if desired).

NOTE: The myLink cannot be used to set limits or add/delete RTS transmitters.

2. Make sure that the WiFi network is 2.4 GHz or 5GHz and is using a myLink-supported encryption type (WEP, WPA2, open and mixed mode).

3. Connect your mobile device to the network you want the myLink to join and check the WiFi strength.

4. Know your WiFi network name (SSID) and password (if required).

5. Expect to install 1 myLink interface per zone (16 channels per myLink, 5 channels for V1 - Legacy myLink).

SETUP

STEP 1: Download the free app from the App store or Google Play.



STEP 2: Plug the myLink interface into a standard 110V AC outlet. Be sure to place the myLink near the motorized applications you plan to control.

STEP 3: Open the app and press **Start new system**

STEP 4: Follow the setup prompts. Confirm the status LED is solid red indicating that the myLink is in setup mode.

STEP 5: Connect the mobile device to the myLink's WiFi network (ex: Somfy_1234).

STEP 6: Return to the app and press **Search for myLink**

STEP 7: In the network dropdown list, choose the network the myLink will join and enter the WiFi network password (if present) and press **Next**

MYLINK™ INITIAL SETUP AND RTS PROGRAMMING

SETUP CONTINUED

STEP 8: The myLink will complete the network auto-configuration process. Once step 4 is complete, click **Continue**.

NOTE: Make sure the mobile device rejoins the same WiFi network as the myLink. If not, minimize the app, join the same WiFi network as the myLink and return to the app.

STEP 9: Name the myLink and select a room icon. Continue on to **RTS Programming**.

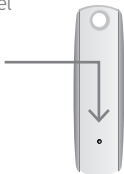
STEP 10: From the RTS programming screen, choose from the available application icons. →



Click to choose an RTS product icon

STEP 11: Follow the on-screen setup prompts.

- Identify the transmitter that currently controls the motorized product and confirm that it's working properly. Select the channel that operates the product you wish to program.
- Press the program button on the back of the remote until the shade jogs.



STEP 12: Press **Program** on the app and the shade will jog again.

NOTE: If the motorized application does not respond to the command, press the **Retry** button to send the signal again.

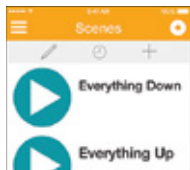
STEP 13: The programming is now complete for that channel. Simply press **Create Group** to program additional motors to the same channel or Press **Done** to add additional channels and name them. Repeat the process to create up to five channels. Once RTS programming is complete, press **Done**

STEP 14: The myLink is now configured and ready to use. Scenes and schedules can now be created.

CREATE AND EXECUTE SCENES

Scenes activate multiple Somfy-powered applications across different channels together, even across multiple myLinks. Each myLink supports up to 25 scenes.

STEP 1: Access the scene screen from the toggle button or menu. →



STEP 2: Press the plus (+) icon to create a scene and name it.

STEP 3: Press the plus icon again to add the motorized products you want associated with the scene.

NOTE: If there are multiple myLinks, you will need to choose a myLink first.

NOTE: For tablets, drag and drop the command to be added.

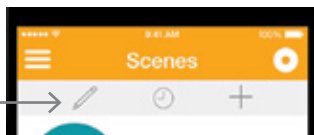
STEP 4: Once all commands have been added, press **Done** to save.

STEP 5: To activate a scene, press its icon.



STEP 6: To edit a scene, click the pencil (✎) icon and then the scene you wish to edit.

To delete a scene, press the pencil icon then swipe from right to left the scene to be deleted.

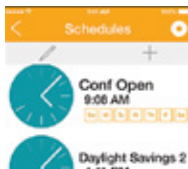


CREATE AND EXECUTE SCHEDULES

The schedule feature creates timed events with existing scenes. Each myLink supports up to 25 schedules.

STEP 1: Access the schedule screen from the scene screen or the menu.

STEP 2: Select the clock and then press the plus (+) to create the schedule and name it. →



CREATE AND EXECUTE SCHEDULES CONTINUED

STEP 3: Select **Set** to schedule the time and days of activation.

Press back  then back again to save settings.

NOTE: Vacation mode will randomly activate the timed event within 15 minutes of its scheduled start time.

STEP 4: Press the plus (+) icon to select from available scenes. Up to 5 scenes may be added to each schedule.

STEP 5: Press **Done** The time and days associated with the schedule are displayed. The schedule will activate at the appropriate time.

JOIN EXISTING SYSTEM

The myLink™ allows multiple users to control Somfy-powered products from different mobile devices. They simply need to join the system in a few short steps.

STEP 1: First, download the app from the app store or Google play.



STEP 2: Connect mobile device to the same network as the myLink.

STEP 3: Open the app, press **Join existing system**

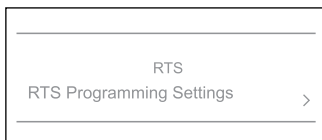
STEP 4: Enter the system's 4 digit PIN. Press **Next**

STEP 5: The new user now has myLink app control of all paired RTS products, scenes and schedules.

NOTE: To invite users, go to menu>mobile pin and press "Share mobile PIN" to generate an invitation email.

NOTE: To access RTS programming after initial setup, go to menu>edit and scroll to RTS Programming.

NOTE: To add more myLinks, plug the myLink into a standard 110V AC outlet and confirm LED is solid red. Connect the mobile device to the myLink's WiFi network (ex: Somfy_1234). Open the app and go to menu>add and follow steps 4 through 12 above. Repeat steps 4 - 16.



CHANGING WIFI NETWORK INFORMATION

STEP 1: Put the myLink back into setup mode by pressing the programming button on the bottom (or side in V1) of the myLink with a small paper clip or similar item.

STEP 2: Confirm the status LED is solid red indicating that the myLink is in setup mode.

STEP 3: Connect the mobile device to the myLink's WiFi network (ex: Somfy_1234)

STEP 4: Open the app, Go to menu>edit.

STEP 5: Choose a myLink to edit.

NOTE: If there is only one myLink, you will go directly to the next step.

STEP 6: Select the network field and choose from available WiFi networks.

STEP 7: Choose new network and enter the password if present.

STEP 8: Press 

STEP 9: The myLink will go through the network auto-configuration to confirm settings. The WiFi network information is now changed.

NOTE: If there are multiple myLinks in the system, steps 1-9 must be completed for each one.

VOICE CONTROL USING AMAZON ALEXA

TO CONNECT YOUR MYLINK SYSTEM WITH AMAZON ALEXA SKILL FOLLOW THE STEPS IN THE MYLINK APP.


Go to Main menu -> Amazon Alexa then click on link new account - this will start the account linking wizard.



PROGRAMMING FOR SUNIS INDOOR WIREFREE™ SENSOR

PROGRAMMING MODE

ADDING A SUNIS INDOOR SENSOR

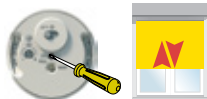
 During initial programming, provide power only to motorized window covering being programmed.

STEP 1: Carefully remove rear cover to expose sensor control setting panel.

STEP 2: Slide the ON/OFF Selector Switch to the ON or  position.

STEP 3: Set the motorized window covering into PROGRAMMING MODE (Refer to the installation instructions of the relevant RTS receiver or motor for this procedure).

STEP 4: Using a paper clip, pen or similar device, briefly press the **PROGRAMMING BUTTON** (for 1 second) located on the Sunis light sensor. The motorized window covering will jog to confirm the addition of the new Sunis light sensor.



 Repeat steps 1-3 when multiple motors are required to operate from the Sunis light sensor.

DELETING A SUNIS INDOOR SENSOR FROM MEMORY

STEP 1: Using a paper clip, pen or similar device, press & hold the **PROGRAMMING BUTTON** (for 3 seconds) on a previously addressed Sunis Light Sensor or Somfy transmitter (Telis, DecoFlex, etc.)




The motorized window covering will jog to confirm **PROGRAMMING MODE**.

 Step 1 should not be performed with the Sunis intended for deletion.

STEP 2: Using a paper clip, pen or similar device, briefly press the **PROGRAMMING BUTTON** (for 1 second) located on the Sunis Light Sensor to be deleted.



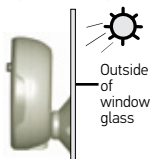
The motorized window covering will jog to confirm the deletion of the Sunis light sensor.

 Sunis light sensor MUST be free from obstructions in order to correctly sense incoming light. Sill mount may not be suitable for some window installations.

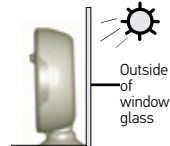
SENSOR LOCATION



WINDOW GLASS MOUNT



WINDOW SILL MOUNT



PROGRAMMING FOR SUNIS INDOOR WIREFREE™ SENSOR

PROGRAMMING FIGURES

FIGURE 1

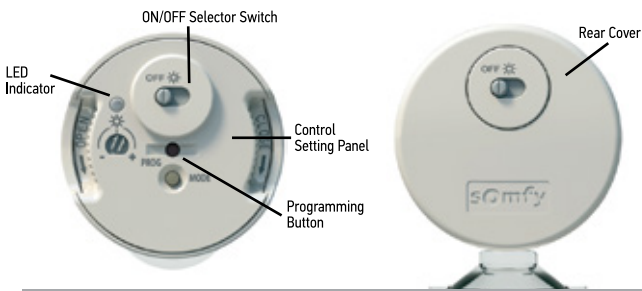


FIGURE 2

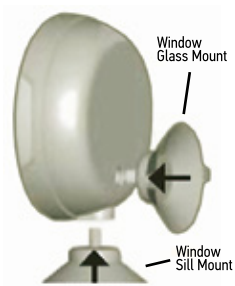
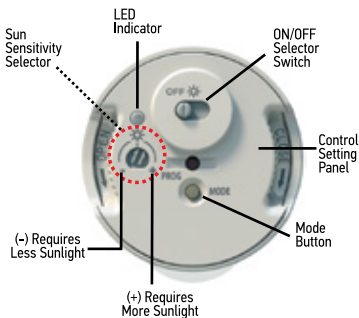


FIGURE 3



PROGRAMMING FOR SUNIS INDOOR WIREFREE™ SENSOR

SETTING THE LIGHT (SUN) SENSITIVITY (THRESHOLD)



Sunis sensor should be mounted in or near window and exposed to incoming light.

STEP 1: Carefully remove rear cover of Sunis light sensor exposing control setting panel.

STEP 2: Slide the ON/OFF Selector Switch to the ON or  position.

STEP 3: Momentarily press the **MODE BUTTON**. LED Indicator will illuminate for approximately 15 seconds.



LED Indicator light will remain illuminated for approximately 15 seconds. Should the LED Indicator light extinguish prior to establishing the light sensitivity (threshold) setting, simply press the MODE BUTTON momentarily to reactivate LED light.

STEP 4: Using a small screwdriver or similar device, rotate the Sun Sensitivity Selector to the fully **CLOCKWISE (+)** position. LED Indicator light will illuminate red.



STEP 5: Slowly rotate the Sun Sensitivity Selector **COUNTER CLOCKWISE (-)** until the LED Indicator illuminates to a green color. A green colored LED indicates the present light value (threshold). At this value (threshold) the Sunis sensor will provide the necessary **DOWN COMMAND** to the motorized window covering.



OPERATING MODE



Default employs output response time delays.

STEP 1: Refer to previous “Setting the Light (Sun) Sensitivity Threshold” instructions.

STEP 2: Sunis light sensor will send a **DOWN COMMAND** to the RTS receiver or motor after **5 minutes of sensing light within the set threshold**.

STEP 3: Sunis RTS light sensor will send an **UP COMMAND** to the RTS receiver or motor after **30 Minutes of sensing light that HAS FALLEN BELOW THE SET THRESHOLD**.

GREEN LED: INDICATES SUN (LIGHT) WITHIN THRESHOLD SETTING

RED LED: INDICATES SUN (LIGHT) BELOW THRESHOLD SETTING

PROGRAMMING FOR SUNIS INDOOR WIREFREE™ SENSOR

REPLACING THE BATTERY

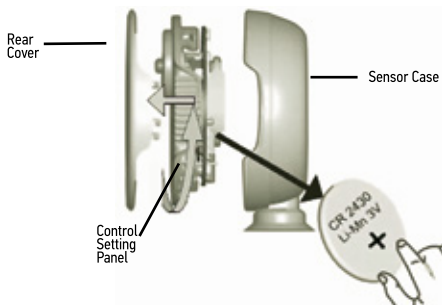
The Sunis WireFree™ RTS Light Sensor uses a lithium battery (Type: CR2430). LED Indicator Light will illuminate orange when battery needs replacing.

STEP 1: Carefully remove rear cover of Sunis light sensor exposing the control setting panel

STEP 2: Firmly grip the molded indentations and rotate control setting panel counter clockwise to open position.

STEP 3: Carefully separate from sensor case to expose battery holder.

STEP 4: Replace battery with correct rated/type battery. Be certain of battery polarity (+) and (-) when installing new battery.




Do not use any tools when replacing the battery as there is a risk of damaging the sensor circuitry.

PROGRAMMING FOR THERMOSUNIS INDOOR WIREFREE™ SENSOR

PROGRAMMING MODE

ADDING A THERMOSUNIS INDOOR SENSOR

 During initial programming, provide power only to motorized window covering being programmed.

STEP 1: Carefully remove rear cover to expose sensor control setting panel.

STEP 2: Set the motorized window covering into **PROGRAMMING MODE** (Refer to the installation instructions of the relevant RTS receiver or motor for this procedure).

STEP 3: Slide the ON/OFF Selector Switch to the ON or  position. Sun LED Indicator will illuminate for 5 seconds then extinguish.

STEP 4: Using a paper clip, pen or similar device, briefly press the **PROGRAMMING BUTTON** (for 1 second) located on the control setting panel of the ThermoSunis. The motorized window covering will jog to confirm the addition of the ThermoSunis sensor.



 Repeat steps 1-3 when multiple motorized window coverings are required to operate from the ThermoSunis sensor.

DELETING A THERMO SUNIS INDOOR SENSOR FROM MEMORY

STEP 1: Using a paper clip or similar device, press & hold the **PROGRAMMING BUTTON** (approx. 3 seconds) on a previously programmed ThermoSunis or Somfy transmitter (Telis, DecoFlex, etc.) The motorized window covering will jog to confirm PROGRAMMING MODE.



 Step 1 should not be performed with the ThermoSunis intended for deletion.

STEP 2: Using a paper clip or similar device, briefly press the **PROGRAMMING BUTTON** (for 1 second) of the ThermoSunis to be deleted. The motorized window covering will jog to confirm the deletion of the ThermoSunis sensor.



PROGRAMMING FOR THERMOSUNIS INDOOR WIREFREE™ SENSOR

PROGRAMMING FIGURES

FIGURE 1

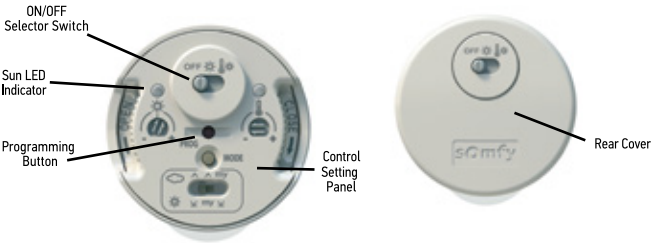
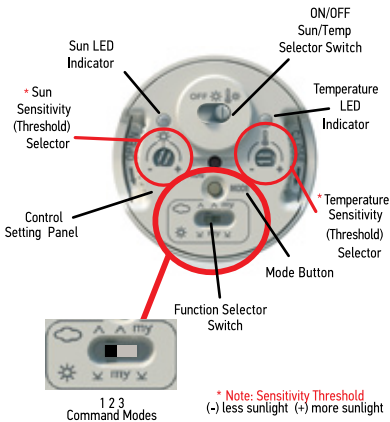


FIGURE 2



FIGURE 3



PROGRAMMING FOR THERMOSUNIS INDOOR WIREFREE™ SENSOR

SETTING THE LIGHT SENSITIVITY (THRESHOLD)

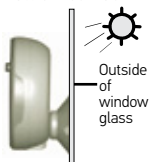
STOP ThermoSunis should be mounted in or near window and exposed to incoming light.

! *ThermoSunis sensor MUST BE mounted indoors only and should be free from obstructions in order to correctly sense incoming light. Sill mounts may not be suitable for some window installations. Sensor should be mounted in front of all interior window coverings.*

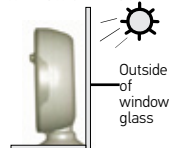
SENSOR LOCATION




WINDOW GLASS MOUNT



WINDOW SILL MOUNT



STEP 1: Carefully remove rear cover of the ThermoSunis sensor exposing Control Setting Panel.

STEP 2: Slide the ON/OFF Selector Switch to the ON or  position. Sun LED Indicator will illuminate for 5 seconds and then extinguish.

STEP 3: Momentarily press the **MODE BUTTON** and Sun LED Indicator Light will illuminate for approximately 15 seconds to indicate present threshold setting.

! *LED Indicator light will remain illuminated for approximately 15 seconds. Should the LED Indicator light extinguish prior to establishing the light sensitivity (threshold) setting, simply press the MODE BUTTON momentarily to reactivate LED light.*

STEP 4: Using a small screwdriver or similar device, rotate the Sun Sensitivity Selector to the fully **CLOCKWISE (+)** position. LED Indicator will remain illuminated red color.



STEP 5: Slowly rotate the Sun Sensitivity Selector **COUNTER CLOCKWISE (-)** until the LED Indicator illuminates to a green color. A green colored LED indicates the present light value (threshold). At this threshold, the ThermoSunis sensor will provide the necessary RTS command as selected with the Function Selector Switch.




GREEN LED: INDICATES SUNLIGHT WITHIN THRESHOLD SETTING

RED LED: INDICATES SUNLIGHT BELOW THRESHOLD SETTING

! *Rotating the Sun Sensitivity Selector to a FULL COUNTER CLOCKWISE (-) position will simulate sun if no sun is present. It is not recommended to leave the selector (threshold setting) in this position.*

PROGRAMMING FOR THERMOSUNIS INDOOR WIREFREE™ SENSOR


SETTING THE TEMPERATURE SENSITIVITY (THRESHOLD)

 **ThermoSunis should be mounted in or near window and exposed to incoming light.**

STEP 1: Carefully remove rear cover of the ThermoSunis sensor exposing Control Setting Panel..

STEP 2: Slide the ON/OFF Selector Switch to the ON or  position. Sun LED Indicator will illuminate for 5 seconds then extinguish.

STEP 3: Momentarily press the **MODE BUTTON**. Temperature LED Indicator will illuminate for approximately 15 seconds to indicate present threshold setting.

 *LED Indicator light will remain illuminated for approximately 15 seconds. Should the LED Indicator light extinguish prior to establishing the temperature sensitivity (threshold) setting, simply press the **MODE BUTTON** momentarily to reactivate LED light.*

STEP 4: Using a small screwdriver or similar device, rotate the Temperature Sensitivity Selector to the fully **CLOCKWISE (+)** position. Temperature LED Indicator will remain illuminated red color.



STEP 5: Slowly rotate the Temperature Sensitivity Selector **COUNTER CLOCKWISE (-)** until the LED Indicator illuminates to a green color. A green colored LED indicates the present temperature value (threshold). At this threshold the ThermoSunis sensor will provide the necessary RTS command as selected with the Function Selector Switch.



GREEN LED: INDICATES TEMPERATURE WITHIN THRESHOLD SETTING

RED LED: INDICATES TEMPERATURE BELOW THRESHOLD SETTING

PROGRAMMING FOR THERMOSUNIS INDOOR WIREFREE™ SENSOR

OPERATING MODE

 *Default employs output response time delays.*

STEP 1: Slide the Sun/Temp Selector Switch to the desired setting












 = Activation of Window Covering via Sunlight only


 = Activation of Window Covering via Temperature & Sunlight


STEP 2: Adjust Sunlight and Temperature Sensitivity (threshold) (Refer to Setting the Sensor Sensitivity (threshold)).


OR




Slide the Function Selector Switch to provide the necessary RTS output commands to the window covering.

	*Command Mode 1	Command Mode 2	Command Mode 3
	1 	2 	3 
After 5 Minutes (within threshold)	 Go to DOWN Limit or Sensor Location ▼	 Go to "my" my Position	 Go to DOWN Limit ▼
After 30 Minutes (below threshold)	 Go to UP Limit ▲	 Go to UP Limit ▲	 Go to "my" my Position

 = Sunlight/Temp sensor within the set "threshold". ThermoSunis will provide an RTS command after approximately 5 minutes of sensing within the set threshold.

 = Sunlight/Temp Sensor below the set "threshold". ThermoSunis will provide an RTS command after approximately 30 minutes of sensing below the set threshold.

 **When selected for use with Exterior Rolling Shutter or Exterior Shade Applications, whereby the window covering is mounted externally to the window and ThermoSunis sensor, the window covering will travel to location of sensor only. It is suggested that Mode 1 is used to command no more than 1 window covering per sensor.*

 **When selected for use with Interior Window Coverings, the ThermoSunis sensor will provide RTS commands to preset window covering limits*  = ▼ (Go to DOWN Limit)  = ▲ (Go to UP Limit).

PROGRAMMING FOR THERMOSUNIS INDOOR WIREFREE™ SENSOR

ACTIVATION OF WINDOW COVERING VIA:

Temperature & Sunlight

 *When  (Sun & Temperature) control is selected, the Temperature threshold setting will TAKE PRIORITY over the Sun Threshold Setting.*


 *Sun Activation (control via sunlight) is not possible unless temperature is within the preset threshold.*

Momentarily press the **MODE BUTTON**, sun & temperature LED Indicator light will illuminate (for approximately 15 seconds) to indicate preset threshold sensor status.



GREEN LED: INDICATES SENSOR WITHIN THRESHOLD SETTING

RED LED: INDICATES SENSOR BELOW THRESHOLD SETTING

 *The ThermoSunis RTS Sensor is capable of providing control in accordance to sunlight and temperature conditions only. Once a command is sent, the ThermoSunis will not send another command until there is a change in sunlight or temperature conditions.*

REPLACING THE BATTERY

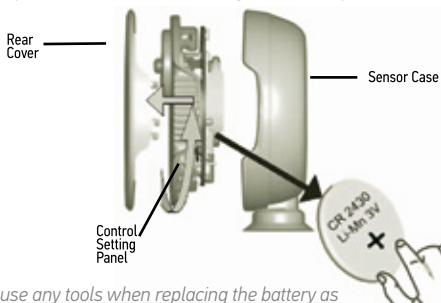
The ThermoSunis WireFree™ RTS Light Sensor uses a lithium battery (Type: CR2430). LED Indicator Light will illuminate orange when battery needs replacing.


STEP 1: Carefully remove rear cover of Sunis light sensor exposing the control setting panel

STEP 2: Firmly grip the molded indentations and rotate control setting panel counter clockwise to open position.

STEP 3: Carefully separate from sensor case to expose battery holder.

STEP 4: Replace battery with correct rated/type battery. Be certain of battery polarity (+) and (-) when installing new battery.




 *Do not use any tools when replacing the battery as there is a risk of damaging the sensor circuitry.*

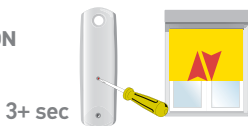
PROGRAMMING FOR SUNIS OUTDOOR WIREFREE™ SUN SENSOR

PROGRAMMING MODE

ADDING A SUNIS OUTDOOR SENSOR

 During initial programming, provide power only to motorized window covering being programmed.

STEP 1: Press the **PROGRAMMING BUTTON** on the control (transmitter) for 3+ seconds until the motor jogs.




STEP 2: Press the **PROG BUTTON** on the Sunis Outdoor.



The green LED lights and motor jogs.

The Sunis Outdoor is added to the motor.

 A Soliris transmitter must be programmed to the motor(s) to allow the user to Enable/Disable the sun function.

DELETING A SUNIS INDOOR SENSOR FROM MEMORY

Repeat steps 1 and 2 above.

 If a sensor is physically removed or damaged, it must be cleared from the motor memory.

To delete all sensors when adding a new sensor follow Steps 1 and 2 except on the Step 2 hold the programming button until the motor jogs twice (approx. 7 seconds). This will clear all sensors.

To add a new sensor follow Steps 1 and 2 normally.

SETTING SUN THRESHOLD LEVEL

The Sun Threshold level can be adjusted up or down by a short press of + or - buttons. For levels 1-4, the red LED will blink 1-4 times to confirm the level.

For levels 5-8, the green LED will blink.

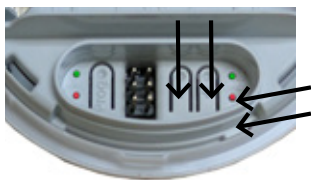
PROGRAMMING FOR SUNIS OUTDOOR WIREFREE™ SUN SENSOR

SETTING SUN THRESHOLD LEVEL

Threshold	1	2	3	4	5	6	7	8
Sunlight intensity (kLux)	1	5	10	20	40	55	75	100
LED active	Red				Green			
Number of flashes	*	**	***	****	*	**	***	****

DEMO MODE

Demo Mode allows the Sunis RTS to be tested with minimal delay times. Pressing the + and - together will cause the Sunis to cycle in and out of Demo Mode.



The Red and Green LEDs will alternate when entering Demo Mode and blink together when exiting.

The Sunis Outdoor will automatically time out of Demo Mode after 3 minutes.

Time Delays	No Sun	Sun
Normal Mode	15-30 min	2 min
Demo Mode	15 sec	10 sec

PROGRAMMING FOR EOLIS 3D WIREFREE™ WIND SENSOR

BEFORE YOU BEGIN

Make sure the "DOWN" button on the remote extends the awning.

If this is incorrect please refer to relevant motor/receiver instructions to reverse the direction of operation for the awning.

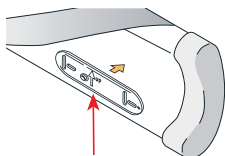
Failure to correct this error will cause damage to awning by extending it during windy conditions.



MOUNTING THE SENSOR

Clear awning of any debris and make sure surface of awning is clean.

Apply tape and secure mounting plate to front bar of awning.

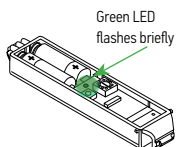
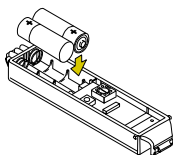
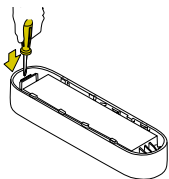


Make sure the arrow on the mounted bracket is pointing upwards.

ADDING BATTERIES

STEP 1: Carefully remove the sensor housing using a small screwdriver.

STEP 2: Install 2 AAA alkaline batteries (included). Make sure the green LED light blinks (red in sensors sold before 2015). If the LED light does not blink, check batteries for correct polarity.

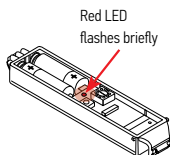


PROGRAMMING MODE

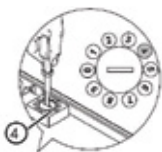
STEP 1: Press the **PROGRAMMING BUTTON** on the back of the remote until the awning jogs.



STEP 2: Press the **PROGRAMMING BUTTON** on the Eolis 3D Sensor until the awning jogs.



PROGRAMMING FOR EOLIS 3D WIREFREE™ WIND SENSOR



STEP 3: Adjust the sensor dial to (4).
(1= Most sensitive, 9= Least sensitive)



STEP 4: Put the sensor electronics back in the housing.



STEP 5: Slide the housing back on the mounting plate.



STEP 6: Test the sensor by pushing up and down on the awning front bar or arm until it begins to retract. You can use the remote to stop the awning after 5 seconds (first test mode).



STEP 7: Bring the awning back out and test it again. You can use the remote to stop the awning after 5 seconds (second test mode).

Make adjustments to the sensitivity if needed and test it again.

PROGRAMMING FOR ONDEIS® WIREFREE RAIN & SUN SENSOR



BEFORE YOU BEGIN

LED Behavior

Normal Operation

Blinks every 5 seconds when conditions are above the threshold

Demo Mode

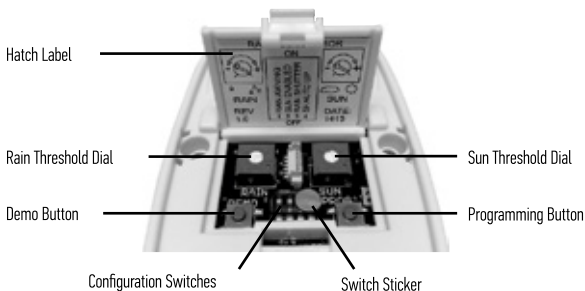
Alternate blinks when entering demo mode

Blinks continuously when conditions are above the threshold

Blink together when exiting demo mode

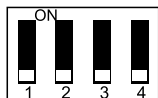
NOTE: The sensor does NOT operate under 32°F/0°C; standing water, snow or frost DOES NOT activate sensor.

GETTING STARTED



STEP 1: Charge the sensor.

- 10 minutes in direct sunlight will provide operation charge.
- For most efficient charging, open hatch and move all switches to the OFF position.



Off - Power Saving

STEP 2: Confirm RTS motorized window coverings are operating properly from an RTS control. The UP command should send the awnings IN and screens/shutters UP.

(To change the direction please follow the awning instructions)

STEP 3: Choose sensor operation mode. The default setting is Awning Rain. For detailed explanations of operation modes, refer to Operation Modes on reverse.

NOTE: A Soliris transmitter (1810647 or 1811243 – not included) is required for Awning Sun and Awning Rain & Sun operation modes.

PROGRAMMING FOR ONDEIS® WIREFREE RAIN & SUN SENSOR

STEP 4: Select sensor threshold settings

a. Factory Default:

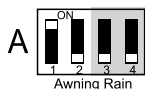
- Rain: 9 o'clock (arrow pointing left)
- Sun: 12 o'clock (arrow pointing up)

b. More sensitive: turn left

- Very light rain/heavy mist/heavy condensation
- Heavy cloud cover (.5 klux)

c. Less sensitive: turn right

- Very heavy rain
- Direct summer sun, no cloud cover (55 klux)



RAIN
Approx 9:00
Light Rain

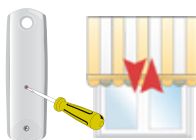


SUN
Approx 12:00
Facing Sun.
Light Cloud Cover

STEP 5: Program the sensor to the motor(s)

1. Press the **PROGRAMMING BUTTON**

on the RTS transmitter to put the motor into **PROGRAMMING MODE** – motor will jog.



2. Press the sensor's

PROGRAMMING BUTTON

– motor will jog again.



STEP 6: To confirm settings, put sensor into demo mode to test rain/sun sensing without standard wait times.

a. Briefly press and release

DEMO BUTTON. The associated motor(s) will jog and the sensor's LEDs will alternate blinks.

b. **DEMO MODE** will time out after 2 minutes. To exit demo mode, press the **DEMO BUTTON**

again.



SENSOR TIME DELAYS

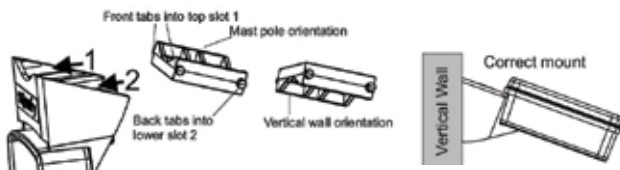
	DEMO MODE	NORMAL MODE
Rain present	0 sec (Up-Unlocked)	0 sec (Up-Locked)
Rain absent	3 sec (Unlocked)	5 min (UnLocked)
Sun present	10 sec (DOWN)	2 min (DOWN)
Rain absent	15 sec (UP)	15-30 min (UP)

PROGRAMMING FOR ONDEIS® WIREFREE RAIN & SUN SENSOR

STEP 7: Mount the sensor for maximum exposure to rain and/or sun.

- For best sun protection, sensor should be mounted facing same direction as the associated motorized window coverings.
- For best rain protection, sensor should be exposed to as much rain as possible.
- There are three different mounting options possible using included mounting plate and bracket: vertical mount, pole mount (using zip ties, not included) and gutter mount.

POLE AND WALL MOUNT

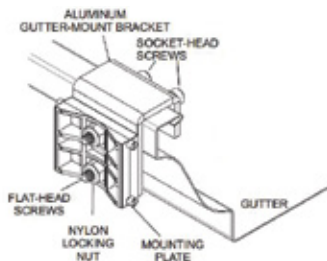


The mounting bracket is released by pushing the bracket clips down gently towards the main body of the sensor and sliding out the mounting bracket.

To replace the mounting bracket, press the bracket clips down gently towards the main body of the sensor and slide in the mounting bracket, making sure the front tabs move into the top slot and the back tabs into the lower slot.

GUTTER MOUNT

Securely attach rain sensor mounting plate to aluminum gutter mount bracket using flat head screws and nylon locking nuts. Slide gutter mount bracket over gutter lip and secure with socket-head screws.



NOTE: If the sensor is removed from a job site, it must be deleted from the motor's memory. If the sensor is removed from the jobsite while in a sensor mode, the awning will retract at regular intervals. The sensor must also be deleted from the motor's memory before switching between awning and shutter/screen modes.

PROGRAMMING FOR ONDEIS® WIREFREE RAIN & SUN SENSOR

OPERATION MODE



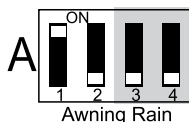
Important: A programmed sensor must be deleted from the motor's memory before it is changed between Awning or Shutter/Screen mode. Do not change between Awning and Shutter/Screen modes without deleting the sensor from the motor's memory first (to delete the sensor see Step 5 of Programming).

AWNING MODES (SENSOR MODES)

A. Awning Rain (factory default)

- Rain over threshold: sends awning in
- Awning is locked until 5 minutes after last rain over threshold detected

NOTE: Standing water, snow or frost DOES NOT lock the sensor.



B. Awning Sun

NOTE: A Soliris transmitter (1810647 or 1811243 – not included) is required to activate the motor's sun function.

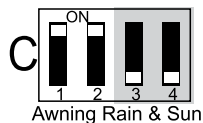
- Sun over threshold (for 2 minutes): sends awning out
- Sun under threshold (for 15-30 minutes): sends awning in



C. Awning Rain & Sun

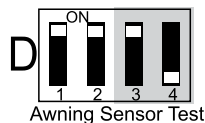
NOTE: A Soliris transmitter (1810647 or 1811243 – not included) is required to activate the motor's sun function

- Rain over threshold: sends awning in
- Awning is locked until 5 minutes after last rain over threshold detected, even to sun commands
- Sun over threshold (for 2 minutes): sends awning out
- Rain & Sun over threshold: sends awning in
- Rain & Sun under threshold (for 15-30 minutes): sends awning in



D. Awning Sensor Test

Allows testing of the sensor programmed to the motor. In this mode, pressing the DEMO button will extend the awning. This mode is for testing only. Do not leave the unit in this mode for normal operation.



PROGRAMMING FOR ONDEIS® WIREFREE RAIN & SUN SENSOR

SHUTTER/SCREEN MODES (TRANSMITTER MODES)

Remove switch sticker to access shutter settings

NOTE: A Soliris transmitter is not required for Shutter/Screen Rain operation modes.

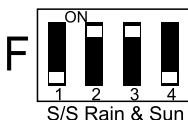
E. Shutter/Screen Rain

- Rain over threshold: sends shutters/screens down
- Rain doesn't lock the motor – transmitter commands will still work.
- Will not send another command until rain falls below the threshold for 5 min and then goes above again



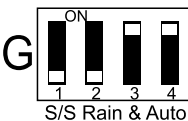
F. Shutter/Screen Rain & Sun

- Rain over threshold: sends shutters/screens down
- Shutter/screen will lock out sun commands until 5 minutes after last rain over threshold is detected; transmitter commands will still work
- Sun over threshold (for 2 minutes): sends shutters/screens down
- Sun under threshold (for 15 minutes): sends shutters/screens up



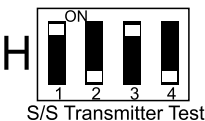
G. Shutter/Screen Rain & Auto Up

- Rain over threshold: sends shutters/screens down
- Rain doesn't lock the motor – transmitter commands will still work
- Rain under threshold (for 5 minutes): sends shutters/screens up



H. Shutter/Screen Transmitter Test

- Allows testing of the sensor programmed to the motor. In this mode, pressing the DEMO button will extend the awning. This mode is for testing only.



Do not leave the unit in this mode for normal operation.

PROGRAMMING FOR TELIS 16 RTS

DESCRIPTION

The Telis 16 RTS remote control allows you to control up to 16 end-products or groups of end-products using Radio Technology Somfy® (RTS).



BEFORE YOU BEGIN

We recommend that each motor is programmed in advance using an individual Telis 1 RTS transmitter and that the limits of each motor are set. However, like any RTS remote control transmitter, the Telis 16 RTS can be used for motor programming operations (limit switch adjustment, etc.)

After 2 minutes of inactivity, the Telis 16 RTS screen automatically goes to SLEEP MODE. When the screen is off, first press any button to turn it on.

NAMING A CHANNEL

STEP 1: Select the channel you want to customize using the **ARROW buttons** (◀ or ▶).

STEP 2: Press and hold the **SELECTION button** (●) until SET appears on the screen, SET MODE is activated. The flashing icon (shades/shutter, rolling shutters/skylight shades and awning) are displayed.



Selection button

Use **ARROW buttons** (◀ or ▶) to scroll through the choices.



STEP 3: Briefly press the **SELECTION button** (●) to save the icon displayed and move to the first character.

STEP 4: Select the location of the character to be edited using the navigation buttons ◀ or ▶. The flashing hyphen corresponds to the character to be edited.

STEP 5: Briefly press the **SELECTION button** (●) to edit the character in this location.

STEP 6: The character flashes to select another character, press the **ARROW buttons** (◀ or ▶).

PROGRAMMING FOR TELIS 16 RTS

STEP 7: Briefly press the **SELECTION button** to save the character displayed and move to the next character.

STEP 8: Repeat steps 4 to 7 for each of the characters in the channels name.

STEP 9: Press and hold the **SELECTION button** until SET is no longer displayed on the screen, SET MODE is deactivated, and the Telis 16 RTS returns to MANUAL MODE.



The characters (7 letters +1 number) can be alphabetic (A to Z) or numeric (0 to 9).



Naming Other Channels: Repeat steps 1 to 9 for each channel you want to customize.

ADDING OR DELETING TRANSMITTER/CHANNEL



The procedure for assigning window coverings to the channels of the Telis 16 RTS and deleting them is identical.

STEP 1: Press and hold the **PROGRAMMING BUTTON** on the individual RTS transmitter that has already been programmed until the window covering jogs: **PROGRAMMING MODE** is activated for 2 minutes.

STEP 2: Use the **ARROW buttons (◀ or ▶)** to select the channel on the Telis 16 RTS to be programmed.

STEP 3: Briefly press the **PROGRAMMING BUTTON** on the Telis 16 RTS. The window covering jogs back and forth and it is assigned to or deleted from the chosen channel on the Telis 16 RTS.



In order to assign or delete the window covering from other channels, repeat steps 1 to 3, selecting another channel.

PROGRAMMING FOR TELIS 1 CHRONIS RTS

DESCRIPTION

The Telis 1 Chronis RTS® combines the functionality of a single channel RTS hand-held control with the convenience of a programmable timer. This new control option is compatible with all Radio Technology Somfy® (RTS) motorized applications and offers simple programming and easy operation.

MAIN FUNCTIONS

The timer function has 2 commands / day:

One up & one down (default up @ 7:30 am & down @ 8:00 pm).

2 possible schedules:

- Daily schedule - same cycle everyday.
- Weekday & Weekend schedule: 2 UP and DOWN times (1 for weekdays & 1 for weekends).

Quick Set function: A simple press and hold of the **UP** or **DOWN** button for 11 seconds saves the current time as the opening or closing time of motorized applications every day.

Vacation mode: Varies scheduled time to simulate a lived-in look (randomly opens and closes from 0 to + 30 minutes).



ADDITIONAL FUNCTIONS

- Pre-programmed in factory : Daily programming : UP at 7:30 am /DOWN at 8:00 pm.
- Ability to manually modify scheduled times via selection button & navigation keys.
- Automatic adjustment for daylight savings time.
- Low battery indication - customers are notified when batteries need replacing (AAA batteries).

SET-UP

Before using the Telis 1 Chronis RTS, all motor limits must be set and fully operational with another RTS transmitter.

 **After 2 minutes of inactivity, the Telis 1 Chronis RTS screen switches to sleep mode. Press any button to turn it back on.**

PROGRAMMING FOR TELIS 1 CHRONIS RTS

BATTERY INSTALLATION

- Remove the battery cover from the back of the Telis 1 Chronis RTS and insert included 2 AAA (LR3) batteries following the polarity indicated.
- Replace the cover.
- Turn on the Telis 1 Chronis RTS by briefly pressing any button.

Replace the batteries when the  symbol appears on the display. Never use rechargeable batteries.



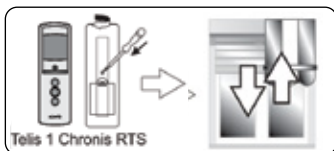
If there is no power supply for an extended period of time (batteries are discharged or removed), the general parameters of the remote will need to be reset. However, the automatic schedules are saved in memory.



ADDING OR DELETING A TELIS 1 CHRONIS RTS

The procedure for assigning an end-product to the Telis 1 Chronis RTS and deleting it is the same.

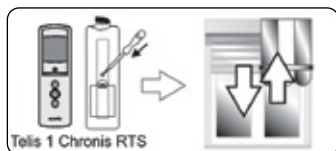
STEP 1: Using a paperclip or pen, press and hold the **PROGRAMMING BUTTON** on a previously addressed RTS transmitter until the window covering jogs.



Step 1 should not be performed with the Telis 1 Chronis RTS intended for deletion.

STEP 2: Select the Telis 1 Chronis RTS (single channel) to be added or deleted.

STEP 3: Press and hold the **PROGRAMMING BUTTON** on the Telis 1 Chronis RTS until the window covering jogs. The Telis 1 Chronis RTS is now added or deleted from the window covering memory and will now operate the window covering.




Telis 1 Chronis RTS programming is now complete. The programmed window covering will now automatically activate at the pre-programmed UP and DOWN times of 7:30am and 8pm respectively.

PROGRAMMING FOR TELIS 1 CHRONIS RTS

SETTING THE GENERAL PARAMETERS

When the batteries are first installed, the transmitter will enter programming mode. "SET" and "YEAR" appear on the screen, with the year flashing.

- Press the **ARROW buttons (◀ or ▶)** to modify the parameter. The parameter to be set will be flashing (press and hold the button to scroll the characters faster).
- To save the parameter and move to the next parameter, briefly press the selection button (●).

 To access and modify the general parameters press and hold the selection button (●) for 7 sec until the screen displays "YEAR".

The parameters appear in the following order:



Current year



Number of current month



Number of current day



Current hour



Minutes



Country of residence

Daily/Weekend



Daily/Weekend



Confirms last parameter

Select the work/daily days you want to program using the arrow buttons (◀ or ▶). All days are work days unless deselected. To deselect a day briefly press and release the selection button (●).

 Press and hold the selection button (●) to exit programming mode at any time.

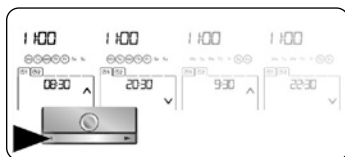
PROGRAMMING FOR TELIS 1 CHRONIS RTS

EDITING PRE-PROGRAMMED SCHEDULES

Schedule Quick Set

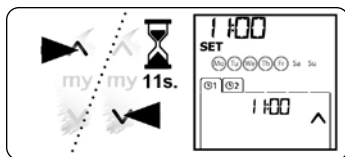
The Quick Set feature allows users to change schedule activation UP and DOWN times to the current time of day.

STEP 1: Press the **ARROW** buttons (◀ or ▶) to select the (UP) or (DOWN) time you wish to edit.



STEP 2: Press and hold the (▲ UP) to modify the UP time or (▼ DOWN) to modify the DOWN time for 11 seconds. The word SET will appear and the schedule time will change to the current time and start to flash.

STEP 3: The word SET will disappear. Release the (▲ UP) or (▼ DOWN) button. The new schedule time is now saved.

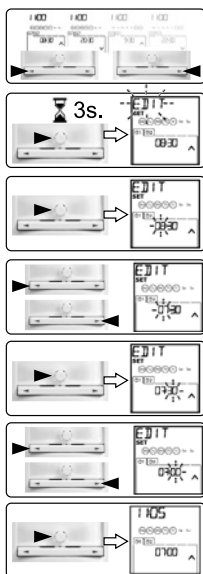


Do not release the (▲ UP) or (▼ DOWN) button until the word SET disappears or the new schedule will not be saved.

PROGRAMMING FOR TELIS 1 CHRONIS RTS

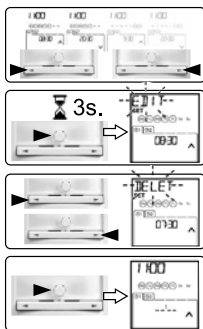
EDITING SCHEDULES

1. Press the **ARROW buttons** (◀ or ▶) to select the time you wish to edit.
2. Press and hold the **SELECTION button** (●) until the word EDIT appears and flashes.
3. Press the **SELECTION button** (●); the hour will flash.
4. Use the (< or >) button to set the hour.
5. Press the **SELECTION button** (●) to confirm the hour; the minutes will flash.
6. Use the buttons to change the minutes.
7. Press the **SELECTION button** (●) to confirm the time. The new activation time is now saved.



DELETING AN ACTIVATION TIME

1. Press the **ARROW buttons** (◀ or ▶) to select the time you wish to delete.
2. Press and hold the **SELECTION button** (●) until the word EDIT appears and flashes.
3. Press either (< or >) button until DELETE appears.
4. Press the **SELECTION button** (●) to delete selected activation time and to confirm changes.



VACATION MODE

Vacation mode varies schedule times to simulate a lived-in look (randomly opens and closes window coverings from 0 to 30 minutes from the set activation time).

- To activate or deactivate Vacation Mode, press and hold both (< and >) until the (■■) symbol appears or disappears.

TROUBLESHOOTING RTS MOTORS



BEFORE YOU CALL FOR SERVICE

- Verify the motor is powered
- Verify the motor is installed correctly inside the tube (Crown & Drive correctly installed)
- Verify the motor limits are set correctly
- Allow time for motor to cool off after continuous operation (we recommend at least 15 minutes). Motors are equipped with a thermal shut off for safety.
- Verify all sensors on location are within RTS range and are working properly
- Check the transmitter batteries (LED should flash with a button press)
- Verify that the transmitter you are using is properly programmed into the motor's memory
- Do not cut power cable shorter than 12 inches (the power cable acts as an antenna)
- The mounting distance between 2 motor heads must exceed 19 inches to avoid radio interference.
- Verify there is no outside radio interference on location (some examples would be airports, marinas, army bases, weather or security systems).
- In PROGRAMMING MODE and LIMIT ADJUSTMENT MODE the radio reception of the motor is reduced. It is necessary to move the transmitter closer to the motor head during this time.

Please visit the technical support section on

www.somfysystems.com

or call Somfy Customer Service at 877-22-SOMFY.

SOMFY SOMFY® is the leading global manufacturer of strong, quiet motors with electronic and app controls for interior and exterior window coverings. Over 270 million users worldwide enjoy the more than 160 million motors produced by Somfy. During the past 45+ years, Somfy engineers have designed products for both the commercial and residential markets to motorize window coverings such as interior shades, wood blinds, draperies, awnings, rolling shutters, exterior solar screens and projection screens. Somfy motorization systems are easily integrated with security, HVAC and lighting systems providing total home or building automation.

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