Radio Technology Somfy®

Pocket Programming Guide
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## STANDARD RTS QUICK PROGRAMMING

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<thead>
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<th>Motor Model</th>
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<tbody>
<tr>
<td>CL32 Cord Lift WireFree™</td>
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<td>R28 Roll Up WireFree™</td>
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<td>Altus 60</td>
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## OTHER QUICK PROGRAMMING GUIDES - MOTORS

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<td>LT RTS CMO</td>
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<td>Sunea® RTS CMO</td>
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<td>Oximo™ RTS</td>
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### DRAPERY MOTORS

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## QUICK PROGRAMMING GUIDES - CONTROLS

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<td>Outdoor Universal Receiver RTS</td>
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<td>Dimmable LED RTS Light Kit</td>
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<tr>
<td>RTS Repeater</td>
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<td>Universal RTS Interface (URTSI)</td>
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<td>ThermoSunis Indoor WireFree™ Sensor</td>
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<td>Ondeis® WireFree RTS Rain &amp; Sun Sensor</td>
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<td>Telis 16 RTS</td>
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<td>Telis 1 Chronis RTS</td>
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## TROUBLESHOOTING

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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.
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

Also available in other finishes:
Silver
Lounge
Patio

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

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

Open/Close buttons

Scroll wheel for incremental tilt control of horizontal blinds and sheer horizontal products

“my” button for a favorite blind position

LED identifies active channel

Channel Selection Button

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

Channel 1
Channel 2
Channel 3
Channel 4
Channel 5

Programming Button (recessed)

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

**Programming Button** (recessed)

**Situo 5 RTS Pure Hand-held Remote** 1800139

**Situo 1 RTS also available** 1800128
Telis 16 Channel RTS Hand-held Remote

FEATURES

Signal Indicator

On-screen LCD Display

Product Name
(up to 8 characters: 7 Letters + 1 Number)

Selection Button

Favorite Position
“my” 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.

Channel Number
16 channels can be used to control 16 individual motorized applications or 16 groups of motorized applications.

Product Icon

Channel Navigation Buttons

UP Button

DOWN Button

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

- Signal Indicator
- On-screen LCD Display
- Current Time
- Low Battery Indicator
- Time Slots
- Selection Button
- Favorite position "my" 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.
- Vacation Mode
  - Only displayed when function is activated.
  - Varies scheduled time to simulate a lived-in look.
- Programmed Days
  - 2 possible schedules: Daily schedule - same cycle everyday. Weekday and weekend schedule - 2 UP & DOWN times (1 for weekdays & 1 for weekends)
- Channel Navigation Buttons
  - UP Button
  - DOWN Button
- Programming Button (recessed)
Smoove® 1 RTS Wall Switch

FEATURES

LED for visual feedback

UP Button

Favorite position “my” 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

Smoove® 1 RTS Pure Wireless Wall Switch 1811533

Mounting Bracket

Battery

Programming Button

Back view

Additional frame options:
DecoFlex WireFree™ RTS Wall Switch

FEATURES

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

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

- 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

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<thead>
<tr>
<th>Finish</th>
<th>Code</th>
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<tr>
<td>White</td>
<td>1811185</td>
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<td>Silver</td>
<td>1810972</td>
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<tr>
<td>Black</td>
<td>1811051</td>
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</table>
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.
- 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.

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**Diagram:**

- Motor Plug
- Weather Cap
- Power Plug
- Weather Cap
- LED Output
- Male Connector
- Female Connector
- LED Bars
- Interconnect Cable

**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
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.

- 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

- LED Indicator
- ON/OFF Selection Switch
- Control Setting Panel
- Programming Button
- Mode Button
- Sun Sensitivity Threshold Adjustment

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
ThermoSunis Indoor WireFree™ RTS Sensor

FEATURES

- Sunlight LED Indicator
- ON/OFF Selection Switch
- Temperature LED Indicator
- Sun & Temperature Sensitivity Threshold Adjustment
- Programming Button
- Mode Button
- Function Selection Switch
- Control Setting Panel

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
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.
Eolis 3D WireFree™ RTS Wind Sensor

FEATURES

- 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

Programming Instructions pg.115
Understanding Control Options

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Group Control ........................................................... 26

Individual & Group Control .......................................... 27
UNDERSTANDING CONTROL OPTIONS: INDIVIDUAL CONTROL

Applies to all Telis RTS Hand-held remotes.

Channel 1: Individual Control of SHADE 1
Channel 2: Individual Control of SHADE 2
Channel 3: Individual Control of SHADE 3
Channel 4: Individual Control of SHADE 4
*Channel 5: Individual Control of SHADE 5

Telis 4 RTS Hand-held Remote

DecoFlex WireFree™ RTS 5 Channel Button Version

*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.

Channel 1: Group Control of window coverings in FOYER
Channel 2: Group Control of blinds in BEDROOM
Channel 3: Group Control of window coverings in OFFICE
Channel 4: Group Control of window coverings in KITCHEN
*Channel 5: Group Control of window coverings in LIVING ROOM

*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.

DecoFlex WireFree™ RTS 5 Channel Button Version
UNDERSTANDING CONTROL OPTIONS:
INDIVIDUAL & GROUP CONTROL

Applies to all Telis RTS Hand-held remotes.

Channel 1: Individual Control of shade in BEDROOM

Channel 2: Individual Control of shade in BEDROOM

Channel 3: Group Control of blinds in BATHROOM

Channel 4: Group Control of shades in OFFICE

*Channel 5: Group Control of ALL motorized shades

Telis 4 RTS Hand-held Remote

DecoFlex WireFree™ RTS 5 Channel Button Version

*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.
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<thead>
<tr>
<th>Voltage</th>
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<td>12 V DC</td>
<td>CL32 CORD LIFT WIREFREE™, TILT 50 WIREFREE™, R28 ROLL UP WIREFREE™, SONESSE® 30 WIREFREE (Li-on)</td>
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<tr>
<td>24 V DC</td>
<td>ST30 SONESSE® 30, SONESSE® ULTRA 50 DC, IRISMO™ 35 MINI DC</td>
</tr>
<tr>
<td>26.5 V DC</td>
<td>IRISMO™ 45 WIREFREE, ST40 SONESSE® 40, ALTUS 40, ST50 SONESSE® 50, SONESSE® ULTRA 50 AC, ALTUS 50 RTS CMO, LT50 RTS CMO</td>
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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.

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

12V DC

PLEATED/CELLULAR SHADES

ROMAN/WOVEN SHADE

Side view

R28 ROLL UP WIREFREE™ RTS - BATTERY OR TRANSFORMER POWERED

12V DC

ROLLER SHADE

ROMAN/WOVEN SHADE

SHEER HORIZONTAL SHADE

Side view

ST30 SONESSE® 30 RTS - TRANSFORMER OR LOW VOLTAGE HARDWIRED

30 mm motor diameter

ROLLER SHADE

ROMAN/WOVEN SHADE

2" HORIZONTAL BLIND

SHEER HORIZONTAL SHADE

PLEATED/CELLULAR SHADES

Side view

24V DC
STANDARD QUICK PROGRAMMING FOR RTS MOTORS

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

110V AC
- ROLLER SHADE
- ROMAN/WOVEN SHADE
- 2" HORIZONTAL BLIND
- SHEER HORIZONTAL SHADE
- PLEATED/CELLULAR SHADES

Side view

40 mm motor diameter

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

24V DC
- ROLLER SHADE
- ROMAN/WOVEN SHADE

Side view

50 mm motor diameter

ALTUS® 40 - HARDWIRED OR PLUG-IN

110V AC
- AWNING
- ROLLING SHUTTER
- 2" HORIZONTAL BLIND
- ROMAN/WOVEN SHADE
- EXTERIOR SOLAR SCREENS
- ROLLER SHADE

Side view

40 mm motor diameter

*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

110V AC

ROLLER SHADE
ROMAN/WOVEN SHADE
2" HORIZONTAL BLIND

Side view

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

50 mm motor diameter

110V AC

ROLLING SHUTTER
ROMAN/WOVEN SHADE

Side view

ALTUS® 50 - HARDWIRED OR PLUG-IN

50 mm motor diameter

110V AC

AWNINGS
ROLLING SHUTTER
2" HORIZONTAL BLIND
ROMAN/WOVEN SHADE
EXTERIOR SOLAR SCREENS
ROLLER SHADE

Side view
STANDARD QUICK PROGRAMMING FOR RTS MOTORS

ALTUS® 60 - HARDWIRED OR PLUG-IN

60 mm motor diameter

Side view

*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 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.
SETTING LIMITS

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.

Programming Completed
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

USER MODE

ADJUSTING THE LIMITS IN USER MODE

To Change the Lower Limit
STEP 1: Press DOWN to send the window covering to its current LOWER Limit.

STEP 2: Press and hold both UP and DOWN simultaneously until the window covering jogs. Adjust to a new LOWER limit position.

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

To Change the Upper Limit:

STEP 1: Press UP to send the window covering to its current UPPER Limit.

STEP 2: Press and hold both UP and DOWN simultaneously until the window covering jogs. Adjust to a new UPPER limit position.

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

SETTING INTERMEDIATE PREFERRED “MY” POSITION

Press the UP or DOWN to place the window covering at the desired intermediate “my” position. Press MY/STOP briefly to stop the window covering.

Once the desired “my” position is reached, press and hold MY/STOP until the window covering jogs. The “my” position is now added to memory.
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.

**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.

**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.
STANDARD QUICK PROGRAMMING FOR RTS MOTORS

RESETTING ALL PRE-PROGRAMMED LIMIT SETTINGS & CHANNELS

Using a paper clip, 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.

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.
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 - 4, 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.
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 - 4, 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 4)

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.
**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.

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

**STEP 4: SETTING LIMITS (SLAT POSITIONS)**

1. **Starting with slats in down (closed) position** press and hold the **UP** or **DOWN** button on the transmitter to reach the desired lower limit (slat position).
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 complete programming, proceed to STEP 5.**

**Starting 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

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.

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.

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.
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.
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.
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.

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

Instructions are for use with Telis 1 & 4, DecoFlex 1 & 4 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** or press momentarily on the **UP** button and blind slats will move to the programmed limit (**slat position**) at full speed.

**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** or press momentarily on the **DOWN** button and blind slats will move to the programmed limit (**slat position**) at full speed.
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 “preferred” slat position.
1. COMMISSIONING

WAKE UP THE DRIVE by briefly pressing the motor head programming button or plugging in the charger. The shade will briefly jog 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. PRE-PROGRAMMING THE TRANSMITTER

Press the UP and DOWN simultaneously: the shade jogs and the control is temporarily programmed to the shade.

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

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

Setting the Upper Limit
1) Move the shade to the desired upper position. Adjust using the UP or DOWN buttons.
2) Press and hold the MY/STOP and DOWN simultaneously until the shade jogs. The Upper Limit is now memorized.

Setting the Lower Limit
1) Press the MY/STOP button when the shade reaches the desired lower position. Adjust using the UP or DOWN buttons.
2) Press the MY/STOP and UP simultaneously and release when the application jogs. The Lower Limit is now memorized.

To confirm and complete limit programming press and hold the MY/STOP button until the shade jogs.

5. COMPLETE PROGRAMMING:
Briefly press the PROGRAMMING BUTTON on the back of the control. The window covering will jog to confirm pairing.

The control is now in USER MODE. The window covering will operate by briefly pressing the UP, DOWN or MY/STOP buttons.

USER MODE

DISABLE RTS in USER MODE
Disabling the radio transmission saves battery life during shipment or for a long period of non-use (eg. storage).

STOP The following steps can only be performed in “User” mode.

TO DEACTIVATE RTS:
1) Press and hold the PROGRAMMING BUTTON on previously programmed transmitter or the motor head until the shade jogs. Motor is in programming mode.
2) Press the UP, MY and DOWN simultaneously until the shade jogs once.
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
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.
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

- **B) TILTING MODE**
  - Yellow LED blinks slowly

**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.
**Enabling Sleep Mode**

STOP 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**

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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

STEP 1: Two positions have to be set, the Upper and Lower Limits. This is achieved with the mechanical CMO limit switch unit. Provide power to the motor. 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.

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 ½ 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.

**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 first 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.

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

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 end-product jogs indicating that the LT RTS CMO motor memory has recorded this new transmitter.

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

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 end-product jogs indicating that the LT RTS CMO motor memory has been completely cleared.

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

3) To validate the setting, press **MY/STOP** until the screen jogs.

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.

*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 MAESTRIATM 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.

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 programming, 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.

SCREEN HALFWAY ➤ BRIEFLY THEN HOLD ➤ SHORT JOG

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 scene 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 scene 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.

2A. ADDING A NEW TRANSMITTER

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

2B. DELETING A TRANSMITTER

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

New transmitter is programmed and ready to operate the screen.

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

2. FINISH THE RESET

- Press & hold the PROGRAMMING BUTTON on the back of the control for about 7 sec.
- The motor will jog after 2 seconds.
- And then the motor will jog again validating the reset.
FACTORY MODE

DESCRIPTION
The Sunea™ 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 Sunea™ 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 SunEa™ 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: \( \checkmark \) = 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.
SETTING LIMITS FOR CASSETTE AWNINGS
(Only DOWN Limit needs to be set. Automatic Limit is set for UP 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. Then press the PROGRAMMING BUTTON on the remote or sun/wind sensor that you would like to add until the awning jogs. Check it.

RESETTING MOTOR TO FACTORY 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 ½ 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.

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 SUNEA™ 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.

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

110V AC

ROLLING SHUTTER

Side view

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.
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 OXIMOTM RTS MOTORS

BOTTOM LIMIT SET BY USER, TOP LIMIT AUTO SET

To allow Oximo to auto set the top limit, the product must have a bottom stop.

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 UP 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**

**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.
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.

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

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

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.

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

DESCRIPTION
Glydea 35e RTS, Glydea 60e RTS,
Irismo™ 35 Mini DC, Irismo™ 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

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
Irismo™ 35 Mini DC is equipped with a plug-in low voltage (24V DC) transformer.
Irismo™ 45 WireFree RTS is equipped with a rechargeable (26.5V DC) battery.

IRISMO™ 35 RTS & 45 WIREFREE RTS DRAPERY MOTORS
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 DRAPERY 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.
DELETING PREVIOUS SETTING

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

Resetting completely the memory of the motor, press the receiver’s PROGRAMMING BUTTON until the drapery jogs 3 times. All the settings are erased.

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 PROGRAMMING BUTTON until the drapery jogs twice.

Resetting completely the memory of the motor, press the receiver’s PROGRAMMING BUTTON until the drapery jogs 3 times. All the settings are erased.
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 2nd 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 installable 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.
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.
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 in 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.
FUNCTION

Setting and using the Favorite “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

<table>
<thead>
<tr>
<th>BUTTON PRESS</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short press on UP</td>
<td>LEDs ON 100%</td>
</tr>
<tr>
<td>Short press on DOWN</td>
<td>LEDs OFF</td>
</tr>
<tr>
<td>Hold the UP</td>
<td>Dim LEDs UP</td>
</tr>
<tr>
<td>Hold the DOWN</td>
<td>Dim LEDs DOWN</td>
</tr>
<tr>
<td>Hold the MY</td>
<td>Set the favorite light level</td>
</tr>
<tr>
<td>Short press on MY</td>
<td>Go to the set favorite level</td>
</tr>
</tbody>
</table>
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.

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.

![App Store](image)

![Google Play](image)

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.

a. 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.

b. 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 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 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 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 Done

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.)

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 PROGRAMMING MODE.

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

Front of Sunis towards outside of window glass

Outside of window glass

Outside of window glass
PROGRAMMING FOR SUNIS INDOOR WIREFREE™ SENSOR

PROGRAMMING FIGURES

FIGURE 1

ON/OFF Selector Switch
Control Setting Panel
Programming Button
Rear Cover
LED Indicator

FIGURE 2

Window Glass Mount
Window Sill Mount

FIGURE 3

Sun Sensitivity Selector
LED Indicator
ON/OFF Selector Switch
Control Setting Panel
Mode Button
(-) Requires Less Sunlight
(+) Requires More Sunlight
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
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

\[\textit{During initial programming, provide power only to motorized window covering being programmed.}\]

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

STEP 2: Set the motorized window covering into \textbf{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 \textbullet\ position. Sun LED Indicator will illuminate for 5 seconds then extinguish.

STEP 4: Using a paper clip, pen or similar device, briefly press the \textbf{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.

\[\textit{Repeat steps 1-3 when multiple motorized window coverings are required to operate from the ThermoSunis sensor.}\]

DELETING A THERMOSUNIS INDOOR SENSOR FROM MEMORY

STEP 1: Using a paper clip or similar device, press & hold the \textbf{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.

\[\textit{Step 1 should not be performed with the ThermoSunis intended for deletion.}\]

STEP 2: Using a paper clip or similar device, briefly press the \textbf{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

ON/OFF Selector Switch
Sun LED Indicator
Programming Button
Control Setting Panel
Rear Cover

FIGURE 2

Window Glass Mount
Window Sill Mount

FIGURE 3

ON/OFF Sun/Temp Selector Switch
Sun LED Indicator
* Temperature Sensitivity (Threshold) Selector
Control Setting Panel
Mode Button
Function Selector Switch
1 2 3 Command Modes
* Note: Sensitivity Threshold (-) less sunlight (+) more sunlight
PROGRAMMING FOR THERMOSUNIS INDOOR WIREFREE™ SENSOR

SETTING THE LIGHT SENSITIVITY (THRESHOLD)

**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**

- **Front of Sunis towards outside of window glass**
- **Outside of window glass**

**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.

<table>
<thead>
<tr>
<th>Command Mode 1</th>
<th>Command Mode 2</th>
<th>Command Mode 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>After 5 Minutes (within threshold)</td>
<td>After 30 Minutes (below threshold)</td>
<td></td>
</tr>
<tr>
<td>➡️ Go to DOWN Limit or Sensor Location</td>
<td>➡️ Go to UP Limit</td>
<td>➡️ Go to DOWN Limit</td>
</tr>
<tr>
<td>➡️ Go to “my” Position</td>
<td>➡️ Go to UP Limit</td>
<td>➡️ Go to “my” Position</td>
</tr>
</tbody>
</table>

= 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.
SETTING SUN THRESHOLD LEVEL

<table>
<thead>
<tr>
<th>Threshold</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunlight intensity (kLux)</td>
<td>1</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>40</td>
<td>55</td>
<td>75</td>
<td>100</td>
</tr>
<tr>
<td>LED active</td>
<td>Red</td>
<td>Green</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of flashes</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>**</td>
<td>***</td>
<td>****</td>
<td>*</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Time Delays</th>
<th>No Sun</th>
<th>Sun</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Mode</td>
<td>15-30 min</td>
<td>2 min</td>
</tr>
<tr>
<td>Demo Mode</td>
<td>15 sec</td>
<td>10 sec</td>
</tr>
</tbody>
</table>
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.
   a. 10 minutes in direct sunlight will provide operation charge.
   b. For most efficient charging, open hatch and move all switches to the OFF position.

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.
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)

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**

<table>
<thead>
<tr>
<th></th>
<th>DEMO MODE</th>
<th>NORMAL MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rain present</td>
<td>0 sec (Up-Unlocked)</td>
<td>0 sec (Up-Locked)</td>
</tr>
<tr>
<td>Rain absent</td>
<td>3 sec (Unlocked)</td>
<td>5 min (UnLocked)</td>
</tr>
<tr>
<td>Sun present</td>
<td>10 sec (DOWN)</td>
<td>2 min (DOWN)</td>
</tr>
<tr>
<td>Rain absent</td>
<td>15 sec (UP)</td>
<td>15-30 min (UP)</td>
</tr>
</tbody>
</table>
PROGRAMMING FOR ONDEIS® WIREFREE RAIN & SUN SENSOR

STEP 7: Mount the sensor for maximum exposure to rain and/or sun.
   a. For best sun protection, sensor should be mounted facing same
direction as the associated motorized window coverings.
   b. For best rain protection, sensor should be exposed to as much rain
as possible.
   c. 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.
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.
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. Use ARROW buttons < and > 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:

1. Current year
2. Number of current month
3. Number of current day
4. Current hour
5. Minutes
6. Country of residence
7. Daily/Weekend
8. 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.
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.
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 min). 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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