

Installation/programming guide

Interior applications








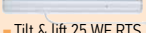













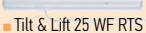
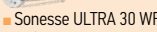

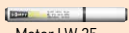
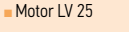









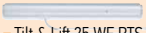






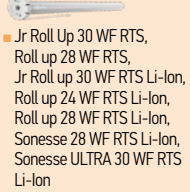

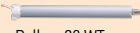


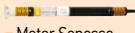


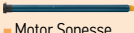


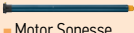

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Overview RTS options

	WireFree range RTS motorer	24 Volt		230 Volt		
		RTS Receiver	RTS motor	RTS Receiver	RTS motor	io motor
Curtains 					 <ul style="list-style-type: none"> Glydea ULTRA RTS + track Irisimo WireFree 45 RTS Movelite 35 RTS 	
Roman blinds 	 <ul style="list-style-type: none"> Tilt & lift 25 WF RTS  <ul style="list-style-type: none"> Sonesse ULTRA 30 WF RTS Li-Ion  <ul style="list-style-type: none"> Battery pack, rechargeable Li-Ion, standard AA batteries or Power supply <ul style="list-style-type: none"> Solar pack 	 <ul style="list-style-type: none"> Motor LW 25  <ul style="list-style-type: none"> Transformer e.g. Power 2,7DC  <ul style="list-style-type: none"> DC RTS Receiver 	 <ul style="list-style-type: none"> Motor Sonesse 30 RTS  <ul style="list-style-type: none"> Transformer e.g. Power 2,7DC 	 <ul style="list-style-type: none"> Motor Sonesse 40  <ul style="list-style-type: none"> Receiver Centralis indoor RTS Drape 	 <ul style="list-style-type: none"> Motor Sonesse 40 RTS 	 <ul style="list-style-type: none"> Motor Sonesse 40 io
Venetian blinds 	 <ul style="list-style-type: none"> Tilt Only 50 WF RTS  <ul style="list-style-type: none"> Tilt & Lift 25 WF RTS  <ul style="list-style-type: none"> Sonesse ULTRA 30 WF RTS Li-Ion  <ul style="list-style-type: none"> Battery pack, rechargeable Li-Ion, standard AA batteries or Power supply <ul style="list-style-type: none"> Solarpack 	 <ul style="list-style-type: none"> Motor LW 25  <ul style="list-style-type: none"> Motor LV 25  <ul style="list-style-type: none"> Transformer e.g. Power 2,7DC  <ul style="list-style-type: none"> Integrated DC RTS receiver 	 <ul style="list-style-type: none"> Motor Sonesse 30 RTS  <ul style="list-style-type: none"> Transformer e.g. Power 2,7DC 	 <ul style="list-style-type: none"> Motor Sonesse 40  <ul style="list-style-type: none"> Receiver Centralis indoor RTS Drape 	 <ul style="list-style-type: none"> Motor Sonesse 40 RTS 	 <ul style="list-style-type: none"> Motor Sonesse 40 io
Pleated - Duette blinds 	 <ul style="list-style-type: none"> Tilt & Lift 25 WF RTS  <ul style="list-style-type: none"> Sonesse ULTRA 30 WF RTS Li-Ion  <ul style="list-style-type: none"> Battery pack, rechargeable Li-Ion, standard AA batteries or Power supply <ul style="list-style-type: none"> Solar pack 	 <ul style="list-style-type: none"> Motor LW 25  <ul style="list-style-type: none"> Transformer e.g. Power 2,7DC  <ul style="list-style-type: none"> DC RTS Receiver 				
Roller blinds 	 <ul style="list-style-type: none"> Jr Roll up 30 WF RTS, Roll up 28 WF RTS, Jr Roll up 30 WF RTS Li-Ion, Roll up 24 WF RTS Li-Ion, Roll up 28 WF RTS Li-Ion, Sonesse 28 WF RTS Li-Ion, Sonesse ULTRA 30 WF RTS Li-Ion  <ul style="list-style-type: none"> Battery pack, rechargeable Li-Ion, standard AA batteries or Power supply <ul style="list-style-type: none"> Solar pack 	 <ul style="list-style-type: none"> Roll up 28 WT  <ul style="list-style-type: none"> Transformer e.g. Power 2,7DC  <ul style="list-style-type: none"> DC RTS Receiver 	 <ul style="list-style-type: none"> Motor Sonesse 30 RTS  <ul style="list-style-type: none"> Transformer e.g. Power 2,7DC 	 <ul style="list-style-type: none"> Motor Sonesse 40 PA  <ul style="list-style-type: none"> Motor Sonesse (ULTRA) 50  <ul style="list-style-type: none"> Centralis Indoor RTS 	 <ul style="list-style-type: none"> Motor Sonesse 40 RTS  <ul style="list-style-type: none"> Motor Sonesse (ULTRA) 50 	 <ul style="list-style-type: none"> Motor Sonesse 40 io

Compatibility chart

Compatibility chart, Motor / Remote-sensors

DC Power supply range - Motor compatibility											
	LV25 B44, LV25 B44	LV25 B64	LV25 B83	LV25 E83	Roll up 28 WT	Sonessse 30 RTS	Sonessse 30 DCt	Sonessse 30 RS 485	Jr Roll up 30 WF RTS/ Roll up 28 WF RTS	Tilt & Lift 25 WF RTS	Tilt Only 50 WF RTS
Power 1,1 DC	2	2	1	NC	2	NC	NC	NC	NC	NC	NC
Power 1,5DC	8	5	4	NC	3	2	2	2	NC	NC	NC
Power 2,7DC	8	5	4	NC	5	2	2	2	NC	NC	NC
Animeo DC Power 4,5	11	10	7	NC	7	5	4	4	NC	NC	NC
Battery tube 8xAA Lithium/Alkaline	NC	NC	NC	NC	NC	NC	NC	NC	1	1	1
Rechargeable Li-Ion battery	NC	NC	NC	NC	NC	NC	NC	NC	1	1	1
Power supply 12VDC	NC	NC	NC	NC	NC	NC	NC	NC	1	1	1

DC Motor Power supply with integrated controls - Motor compatibility range											
	LV25 B44, LV25 B44	LV25 B64	LV25 B83	LV25 E83	Roll up 28 WT	Sonessse 30 RTS	Sonessse 30 DCt	Sonessse 30 RS 485	Jr Roll up 30 WF RTS/0roll up 28 WF RTS	Tilt & Lift 25 WF RTS	Tilt Only 50 WF RTS
Power 1 x 2,5DC RTS	6	5	4	NC	5	NC	NC	NC	NC	NC	NC
Power 4 x 2,5 DC RTS	4x6	4x5	4x4	NC	4x5	NC	NC	NC	NC	NC	NC
Inis DC	2	1	1	NC	1	NC	NC	NC	NC	NC	NC
Moco 4 DC/DCE	4x1	4x1	4x1	4x1	4x1 (DC)	NC	NC	NC	NC	NC	NC

DC Motor controls - Motor compatibility range											
(Integrated) DC RTS Rec	2	2	2	NC	2	NC	NC	NC	NC	NC	NC
Centralis DC IB	2	2	2	NC	2	NC	NC	NC	NC	NC	NC
Moco 4 DC	4x1	4x1	4x1	NC	4x1	NC	NC	NC	NC	NC	NC

Sensor/remote controls - Motor/receiver compatibility chart										
	Li-Ion WF RTS Jr Roll up 30 WF RTS	Jr3 Roll up 30 WF RTS	All other WireFree motors*	Sonessse 30 RTS	Sonessse 40 RTS	Sonessse 50 RTS	Glydea/risino/ mouvelle RTS	Power 1 x 2,5DC RTS	Power 4 x 2,5 DC RTS	(Integrated) DC RTS Rec
Telis Range	C	C	C	C	C	C	C	C	C	C
Telis Modulis Range	NC	C	C	C	C	C	C	C	C	C
Sunis RTS	NC	NC	C	C	C	C	NC	C	C	C
Soliris Sensor RTS	NC	NC	C	C	C	C	NC	C	C	C
Thermosunis/Sunis Indoor RTS	C	C	C	C	C	C	C	C	C	C
Chronis RTS Range	C	C	C	C	C	C	C	C	C	C
Tahoma	C	C	C	C	C	C	C	C	C	C
Conexxoon RTS	C	C	C	C	C	C	C	C	C	C

*= Roll up 24 WF RTS Li-Ion, Roll up 28 WF RTS Li-Ion, Sonessse 28 WF RTS Li-Ion, Roll up 28 WF RTS ,
Sonessen ULTRA 30 WF RTS Li-Ion, Tilt&Lift 25 WF RTS, Tilt Only 50 WF RTS

C = Compatible

NC = Non compatible

Figure = number of motors possible to connect

Compatibility chart

Compatibility chart, Motor / Remote-sensors

io Remote control compatibility chart							
	Smooove origin io	Smooove 1 io	Smooove A/M io	Situo 1&5 io	Chronis 1&5 io	Nina io	Nina Timer io
Sonesse 40 io	C	C	C	C	C	C	C

io sensor and system compatibility chart					
	Sunis WF io	Tahoma	Connexoon	Sset & Go	EMS2
Sonesse 40 io	C	C	C	C	C

C = Compatible
NC = Non compatible
Figure = number of motors possible to connect

Power and charging connection

Power connections: Motors with integrated Radio receiver

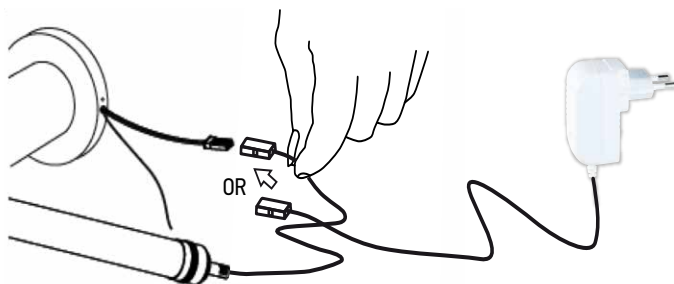
Wirefree motors, external power

Jr 30 Roll Up 30782 WF RTS

Roll Up 28 WF RTS

Tilt & Lift 25 WF RTS

Tilt Only 50 WF RTS



Wirefree motors, built in battery

Jr Roll Up 30 WF RTS Li-Ion

Roll Up 24 WF RTS Li-Ion

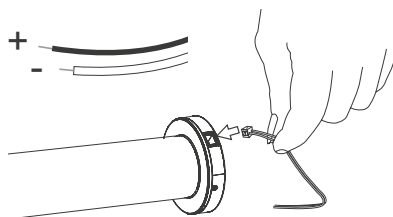
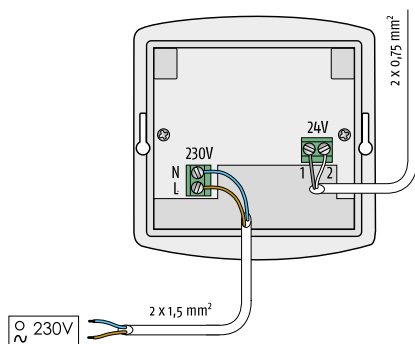
Sonesse 28 WF RTS Li-Ion

Sonesse ULTRA 30 WF RTS Li-Ion



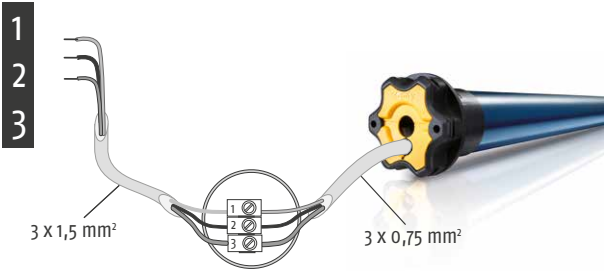
24 V DC motors

Sonesse 30 RTS



230 V AC motors:

Sonesse 40 RTS/io, 2 wires,
Sonesse (ULTRA) 50 RTS



	1. Neutral	2. Phase	3. Ground
230V/50 Hz Sonesse 40 RTS	Blue	Black	
230V/50 Hz Sonesse 50 RTS	Blue	Black	Yellow/green

IWC Li-Ion motors feedback explanation

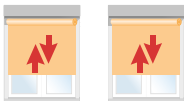
For a motor that is in sleep mode, or with RTS Deactivated

When connected to charger, or when the programming button on the head is pressed briefly, the motor reacts with a number of up/down movements. The number tells the motors programmed status

If the motor moves up/down...



3 times =
the motor is not programmed



2 times =
the motors is programmed, but
no control point is assigned



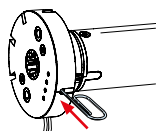
1 times =
the motor is programmed and
assigned to a remote control.

For Deactivating / Activating RTS, see page 49

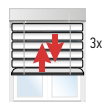
Initial setup

- Connect the motor that should be programmed to power
- For Li-Ion motors, put the motor in program mode

To set Li-Ion motors in programming mode.



Briefly press the motor head programming button or plug in the charger.



The motor jogs 3 times and LED lights orange, motor is ready for programming

1 Connect the transmitter to the motor



Press simultaneously until...

...motor jogs.

2 Check the motor rotation direction



OK → 4



NOT OK → 3

3 Change motor rotation direction if needed



2 sec.



Press until...

...motor jogs.

4 Place the blind in the desired UP position



5 Set the UP position



Short simultaneous press



Blind goes down



Stop at desired down position



Adjust if needed



6 Set the DOWN position



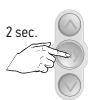
Short simultaneous press



The motor moves upwards and stops at the UP position



7 Confirm end limit setting



2 sec.

Press until...



...motor jogs

8 Recording a transmitter



Press the prog button on the back of the control until...

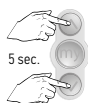


...motor jogs

1 Adjusting the DOWN limit



Place the blind in the down position



Press simultaneously
until...



...motor jogs
until...

2



Choose a new down position



Confirm new down position, press "My"
until motor jogs → OK



1 Adjusting the UP limit



Place the blind in the up position



Press simultaneously
until...



...motor jogs
until...

2



Choose a new up position



Confirm new down position, press "My"
until motor jogs → OK



Set blind mode: Roller or Venetian

Default setting

Tubular motors = Roller

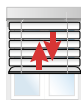
Tilt & Lift 25 WF RTS = Venetian

1



Place the blind half way down

2 Change the setting



Press simultaneously
until...

...motor jogs



Press simultaneously
until...

...motor jogs

Setting My position for products/motors in Non Tilt mode



Place the blind in desired position



Confirm the My position, press "My" until motor jogs →OK

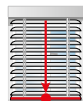


Adjusting My position

Repeat procedure to a new desired position

My can never be set the same as up or down position

Setting My position for products/motor in Tilt mode



Place the blind in the down position



Tilt up to desired slat angle



Confirm the My position, press "My" until motor jogs →OK

Adjusting My position

Repeat procedure to a new desired position

1 Remove programmed My position



or



Place the blind in the my position



or



2



or



Press 'my' until...



or

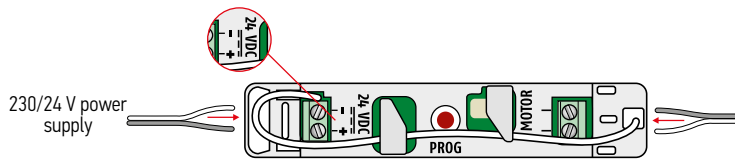


...motor jogs

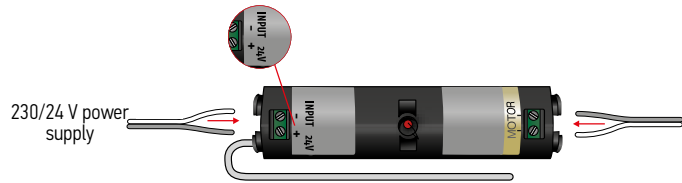
(Integrated) DC RTS Receiver, Power 1 x 2,5 DC RTS, Power 4 x 2,5 DC RTS

Wiring

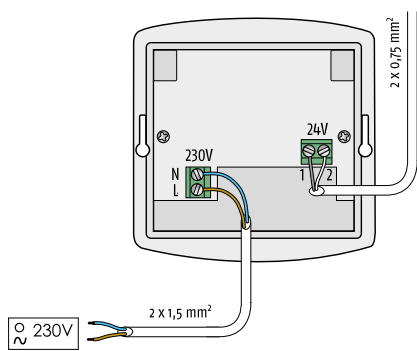
DC RTS Receiver



Integrated DC RTS Receiver

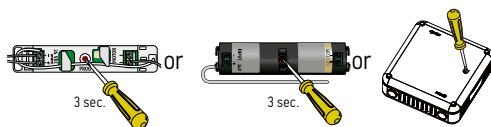


Power 1 x 2,5 DC RTS (power 4 x 2,5 DC RTS, Power 2,7 DC)



Setting from the RTS receiver

1 Set the RTS receiver in programming mode



Press the prog button until...



...motor jogs.

If the blind doesn't react,
- reverse the 24V power supply cables
- try from start again

2 Record the first RTS transmitter

When programming
a multi channel control,
choose channel first



Press the prog button
on the back of the
control until...



...motor jogs
→ OK

Power 4 x 2,5 DC RTS

Select the output channel (Per default output 1 is active)



Press and release
prog button
quickly



Each press
change
channel



Output 1 =
1 beep



Output 2 =
2 beep



Output 3= 3 beep



Output 4= 4 beep

Once output channel is chosen



Press and hold to
enter in programming
mode



Motor jogs
→ OK

When in programming mode follow the programming
steps of Power 1 x 2,5 DC RTS for each output
channel

Setting from the RTS remote control

1 Connect the RTS remote control to the RTS receiver

**When programming
a multi channel control,
choose channel first**



Short simultaneous
press



...motor jogs

If the blind doesn't react,
- reverse the 24V power
supply cables
- try from start again

2 Recording the first RTS transmitter



Press the prog button
on the back of the
control until...

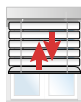
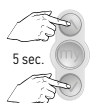


...motor jogs
→ OK

Set type of blind: Roll up or Tilt and Lift

For Roll up type of blind, roller, pleated or roman blind
Do below setting (Default = Tilt & Lift)

1 Put the receiver in programming mode



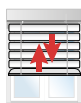
Press simultaneously
until... ...motor jogs

2 Change type of blind setting



Press simultaneously
until... ...motor jogs quickly → Roll up blind setting

3 Confirm setting



Press until... ...motor jogs twice

4 To return to Tilt and lift setting, redo step 1-3

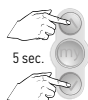


...motor jogs slowly → Tilt and lift setting

Change the motor rotation direction

Place the blind half way open

1 Put the receiver in programming mode



Press simultaneously until...
...motor jogs

2 Check the rotation direction



ok → 4



NOT ok → 3

3 Change the rotation direction



Press until...
...motor jogs

4 Confirm the rotation direction



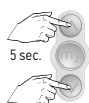
Press until...
...motor jogs twice

Set the time for open and close movement

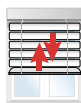
This setting is needed to

- set and use a MY position
- connect and use a sun sensor
- set a run time for conservatory roof blinds

1 Put the receiver in programming mode



5 sec.



Press simultaneously
until...

...motor jogs

2 Place the blind in the UP position



3 Set the down movement time



Short
simultaneous
press



Blind moves down

If the blind reaches the
down position within
10 sec, go to step 4



If the blind doesn't reach-
es the down position
within
10 sec, go to step 5

4



Press stop



Go to step 7

5 Set the down time



Press and hold



Blind moves downwards

Time measurement continues (max 10 sec)



When blind stops, release the button



6

If the blind's still not in it's down position, repeat step 5

7 Set the up movement time



Short simultaneous press



If the blind reaches the UP position within 10 sec, go to step 8



If the blind doesn't reach the UP position within 10 sec, go to step 9

8



Press stop



Go to step 11

9



Press and hold



Blind moves upwards



When blind stops, release the button



10

If the blind's still not in it's UP position, repeat step 9

11 Close time setting of open and close movements



Press until...



...motor jogs

A MY-position has now automatically been set

Tilt&Lift mode:

- Bottom bar in Down end position
- slats tilted to aprox. 45 degrees

Roll-up mode:

3/4 Down

12 Confirm the time setting of open and close movements



Press until...



...motor jogs twice



Modify the MY position, in Tilt & lift mode

With the up and down movement times set,
MY position is pre-set to:

- bottom bar in down end limit
- slats tilted to 45 degrees

1 To set a new MY-position, when in Tilt & Lift mode



Move the blind to it's UP end limit



or

5 sec.



Press until...



...The blind moves to it's set MY-position

2 Move to the new desired MY-position



or



3 Confirm the new desired MY-position



or

5 sec.



Press until...



...Motor jogs

Modify the MY position, in Roll up mode

With the up and down movement times set,
MY position is pre-set to:

- 3/4 down

1 To set a new MY-position, when in Roll up mode



Move the blind to the new
desired MY-position

2 Confirm the new desired MY-position



5 sec.



Press until...

...Motor jogs

Remove a programmed MY-position

1



or



or



Move the blind to it's programmed MY-position

2



or



5 sec.



or



Press until...

...motor jogs

Activating the motor Run timer

Limit the controls power output to the programmed operation time
Only recommended on end products with no mechanical stop



Press simultaneously
until...



or



...motor jogs



Press simultaneously
until...



or



...motor jogs



Press until...



or



...motor jogs



Press until...



or



...motor jogs

Add a transmitter

1 Start from a transmitter that's assigned to the blind

**When using a
multi channel control,
choose channel first**



Press the prog button on the
back of the control until...



...motor jogs
→ OK

2 Add the new transmitter



Press the prog button on
the back of the control
until...

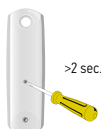


...motor jogs
→ OK

Remove an assigned transmitter

1 Start with transmitter which shouldn't be deleted

**When using a
multi channel control,
choose channel first**



Press the prog button
on the back of the control
until...

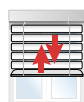


...motor jogs
→ OK

2 Remove the transmitter



Press the prog button on
the back of the control
until...



...motor jogs
→ OK

Replace lost transmitter

1 Press and hold programming button on motor or receiver



Press and hold programming button



Motor jogs two times → OK

2 Record the new transmitter



Press simultaneously until...



...motor jogs



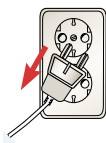
Press the prog button on the back of the control until...



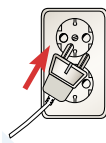
...motor jogs → OK

Replace lost transmitter

1 Cut the power twice



2 sec out



10 sec in



2 sec out



In



or



5 sec.

2 Assign the new transmitter

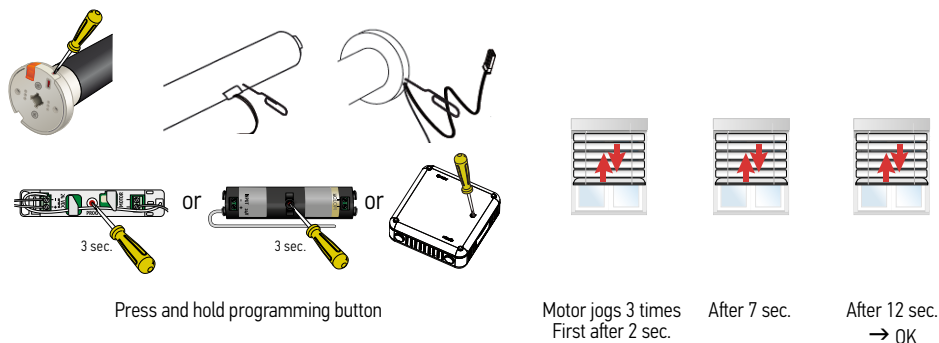


Press the prog button on the back of the control until...



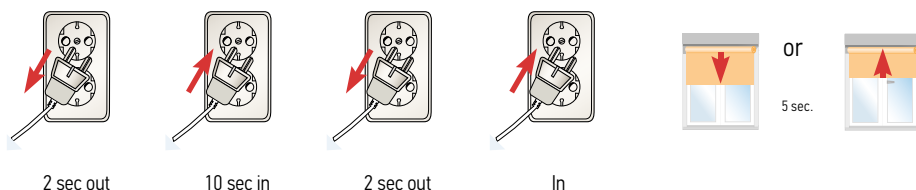
...motor jogs → OK

1 Press and hold programming button on motor or receiver

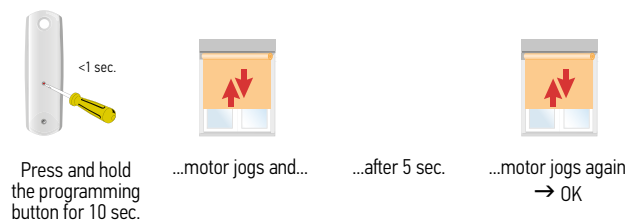


The RTS motor/receiver is now reset. Start programming from beginning

1 Cut the power twice



2 With any RTS transmitter, (io for Sonesse 40 io)



The motor is now reset. Start programming from beginning

All DC RTS motors and receivers, all Li-Ion motors

Sonesse 40 RTS/io, Sonesse (ULTRA) 50 RTS

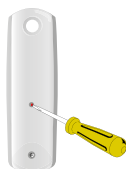


Telis 4 with blinds programmed to channel 1 up to 4

To program group channel



Select Channel 1



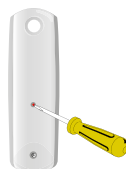
Press Prog on
backside until...



...motor jogs



Select all Channels



Press Prog on
backside until...

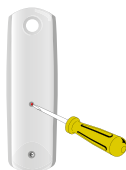


...motor jogs

Information from Channel 1 is now also recorded on the All Channels



Select Channel 2



Press Prog on
backside until...



...motor jogs



Select all Channels



Press Prog on
backside until...



...motor jogs

Information from Channel 2 is now also recorded on the All Channels

Repeat process for Channels 3 & 4

All Channels is now also recorded on the All Channels



To operate all
products select the
All Channel

Setting of end limits

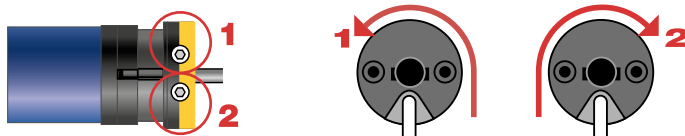
Note!

The position of the motor, to the right or left, and the way the fabric is rolled on the tube, impacts how to set the limits

Adjust the stop limit

Adjustment screw 1 alters the stop limit in direction 1

Adjustment screw 2 alters the stop limit in direction 2



By turning the screw towards + the number of motor turns increases



By turning the screw towards – the number of motor turns decreases

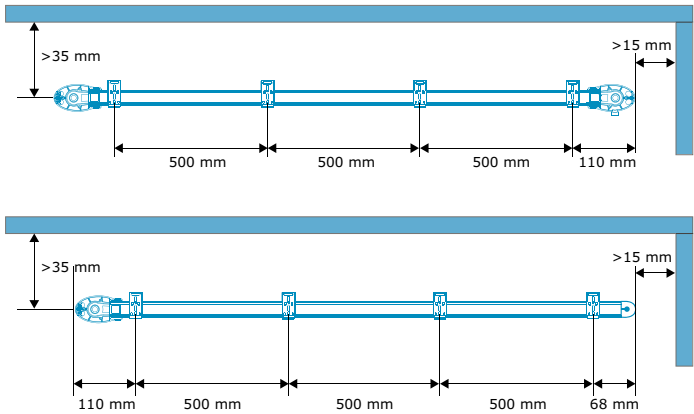


Don't use electrical tool to adjust the position.

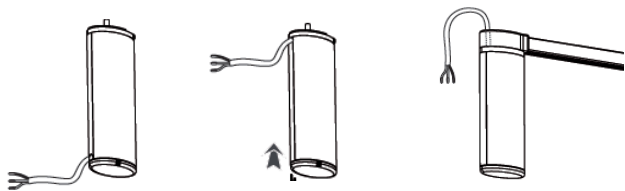
The motor should be moved away from stop position before limits are altered.

Recommendations

Please note there is a maximum distance between brackets and a minimum mounting distance from the wall, see drawing below.



Motor cable output options (for Glydea Ultra 35/60 only)



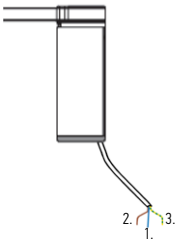
Attach motor to rail



Wiring guide DCT & RTS

Power connection

Wire	
1. Neutral	Blue
2. Live	Brown
3. Earth	Yellow/green



Programming instruction

1 Connect the RTS transmitter to the motor

Only connect one motor to power whilst programming



Press simultaneously
until...



...motor jogs



Short press,
UP or DOWN.

It's recommended to perform programming with curtain installed.

At the first command, open or close, the curtain will make a complete run, open & close, to record the hard end limits.

2 Check the motor rotation direction



OK → 4



NOT OK → 3

3 Change if needed motor rotation direction



2 sec.

Press until...



...motor jogs

4 Record a RTS transmitter



Press the prog button
on the back of the
control until...



...motor jogs

Setting My position



Place the curtain in the desired position



To confirm My position,
press MY until...



...motor jogs

Re-adjustment of end -limits

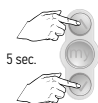
1 Place the curtain in the end limit you wish to adjust



OR



2 Put the receiver in programming mode



Press simultaneously
until...



...motor jogs

3 Place the curtain in the new desired end limit



OR



To confirm new end limit,
press MY until...

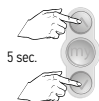


...motor jogs

4 Repeat the process for the other end limit

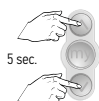
Set Touch motion or manual over ride mode

1 Put the receiver in programming mode

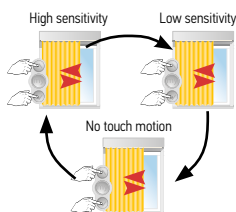


Press simultaneously
until... ...motor jogs

2 Switch between manual over-ride to touch motion



Press simultaneously
until... ...motor jogs



Press again to move to
next function.



To confirm new setting,
press MY until...

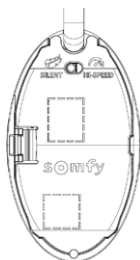


...motor jogs

Set track speed

Possible speeds: 12.5 / 15 / 17 / 20 cm/s

Glydea Ultra 35/60, Ultra quiet setting



Set toggle switch to Hi-speed for standard setting, 15 cm/s and adjustable.

Set the toggle switch to "Silent" for Ultra silent mode, 7,5 cm/s. (not adjustable)

1 Enter programming mode



Press simultaneous
until...



...motor jogs

2 Enter new speed



Press to decrease
speed

OR



Press to increase
speed



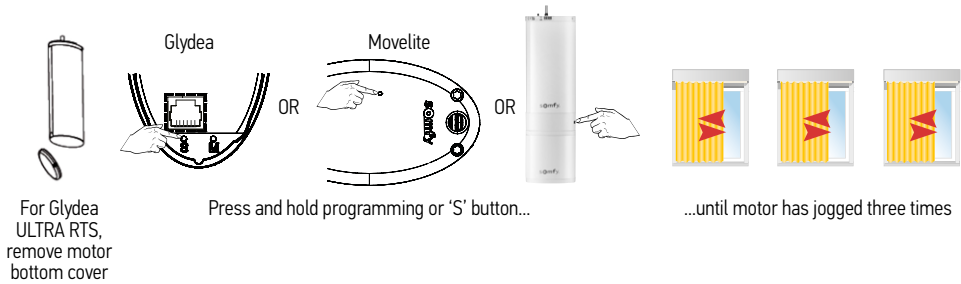
To confirm new speed,
press until...



...motor jogs

Add transmitter
see RTS page 29 (RTS motor)

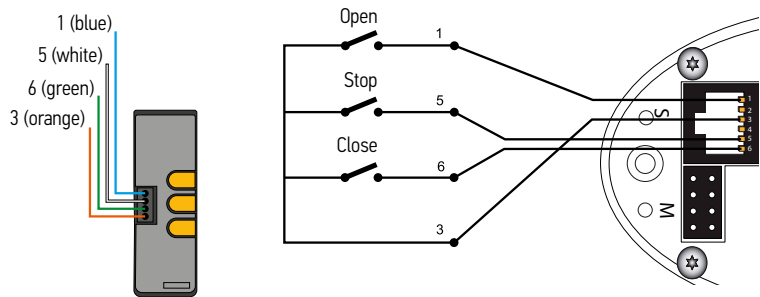
Reset motor to factory mode, erase all settings



Glydea ULTRA 35/60 RTS, Irismo 45 WF RTS, Movelite 35 RTS

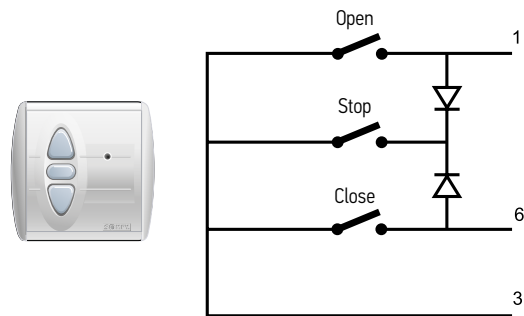
Wiring control unit to Glydea DCT

Connection of DCT tool



Glydea ULTRA 35/60 DCT, Movelite 35 DCT

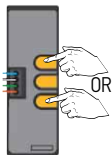
Connection of Centralis IB



Programming instruction for DCT motors

it's recommended to use Setting tool ref 9014599

Programming



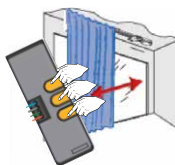
Start up, press up
(open) or
down (close)



At the first command, open or close,
the curtain will make a complete run, open - close,
to record the hard end limits.

Modify motor rotation direction, if needed

Place the curtain
away from the
end limits



Press and hold 'UP',
'STOP' and 'DOWN'
until...



...motor jogs

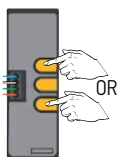


Press and hold
'STOP' until...



...motor jogs

Re-adjustment of end -limits



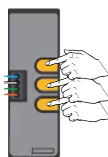
Place the curtain in the end limit you wish to adjust



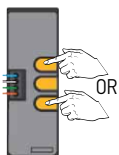
OR



To enter programming
mode, press 'UP', 'STOP'
and 'DOWN' until...



...motor jogs



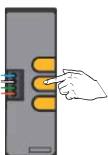
Place the curtain in the new desired end limit



OR



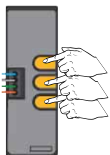
To confirm new end limit,
press 'STOP' until...



...motor jogs

Set Touch motion or manual over ride mode

Put the receiver in programming mode



Press 'UP', 'STOP' and 'DOWN' until...



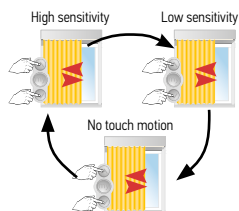
...motor jogs



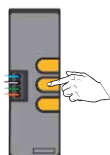
Press until...



...motor jogs



Press again to move to next function.



To confirm setting, press 'STOP' until...

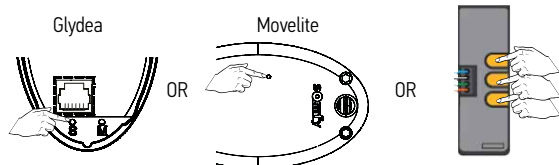


...motor jogs

For setting of

- Glydea 35/60 DCT track speed, Follow procedure described for RTS control, page 38
- My position Follow procedure described for RTS control, page 36

Reset motor to factory mode, erase all settings



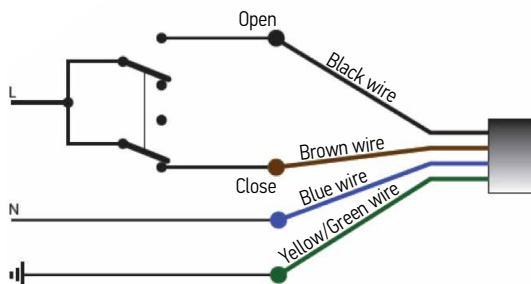
Press and hold "prog button", "S button", or "up-stop-down" until...



...motor has jogged three times

Wiring instruction for Glydea ULTRA WT, Movelite WT

Motor can be used without programming.



When first connected to power the motor will run a full cycle to set the end limits

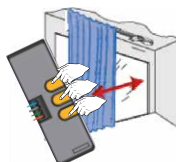
For setting Use setting tool ref 9014599

Programming instruction

Please note, one of the two power wires, black or brown, needs to be connected to permanent power during programming

Modify motor rotation direction, if needed

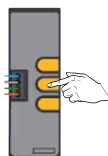
Place the curtain away from the end limits



Press 'UP', 'STOP' and 'DOWN' until...



...motor jogs



Press 'STOP' until...

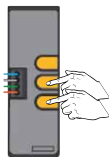


...motor jogs

Back release setting

1

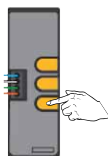
Move the curtain
to the
OPEN end limit



Press and hold
'STOP' and 'DOWN'
until...



...motor jogs

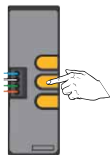


Press 'DOWN' to...



...desired
release point

2



To confirm back-
release point, press
'STOP' until...

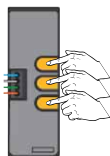


...motor jogs

For setting of

- Track speed (Glydea Ultra 35/60 ULTRA only), Follow procedure described for RTS control, page 38

Reset motor to factory mode, erase all settings



Press and hold 'UP',
'STOP' and 'DOWN'
until...



...motor has jogged three times

Sunsensor functions, setting of receiver when connected to outside sun sensor

1 Deactivate and activate privacy function

Default setting: Exterior sun sensors are automatically deactivated when a manual down signal is given = Privacy function



Press simultaneously
until...



...motor jogs



Press until...



...motor jogs

2

Deactivate this
function...



Press until...



...motor jogs

Confirm
setting



Press until...



...motor jogs

Activate this
function...



Press until...



...motor jogs

Sunsensor functions, setting when connected to outside sunsensor

Program sun disappearing position

-This function is available only if a MY position is recorder. If no sun disappearing position is programmed the blind will not go up when sun disappears



Press simultaneously until...



or



...the shade moves

In tilting mode: The shade will move to the lower limit and return to the MY position.

In roller mode: The shade will move to the MY position.

Move the shades to desired Sun Disappearing position



or



To confirm Sun Disappearing Position, press until...



...motor jogs

Set the motor speed

1 Enter setting



Press simultaneously until...



...motor jogs



Press UP repeatedly to increase speed



Press DOWN repeatedly to decrease speed

For Sonesse 30 RTS, press briefly.

For others press and hold until motor jogs

2 Confirm new speed



Press until...



...motor jogs

Sonesse 30 RTS, Sonesse 40 RTS, (integrated) DC RTS receiver, Power 1 x 2,5 DC RTS, Power 4 x 2,5 DC RTS (only valid in tilt mode for the DC RTS Receivers)

Roll up 24 WF RTS Li-Ion, Sonesse 28 WF RTS Li-Ion, Sonesse ULTRA 30 WF RTS Li-Ion, Tilt&Lift 25 WF RTS, Tilt Only 50 WF RTS, Sonesse 30 WF RTS

Set the tilt speed / scroll wheel step

1 Enter setting



2 sec.
Press simultaneously
until...



...motor jogs twice



...with Sonesse 30 RTS blinds moves
automatically up and down



2 Set speed/scroll wheel step



OR



Press UP or DOWN repeatedly to
decrease or increase speed



To confirm setting,
press until...



...motor jogs

Set the tilt speed / scroll wheel step

Place the blinds in 75 % closed position

1 Enter setting



2 sec.

OR



Press simultaneously
until...



...motor jogs



2 sec.

OR



on Telis Modulis RTS,
press DOWN until...

on Telis RTS,
press up until...



...blinds moves
automatically up and
down

2 Set speed



OR



Press UP or DOWN repeatedly to
decrease or increase speed



To confirm setting,
press until...

OR

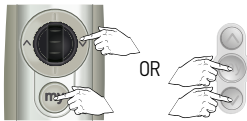


...motor jogs

Set the tilt speed / scroll wheel step

To decrease speed

Make sure motor is set in Tilt mode



Press DOWN
and STOP simultaneously until motor jogs

To increase speed

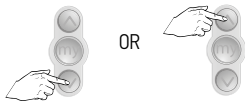
Make sure motor is set in Tilt mode



Press UP
and STOP simultaneously until motor jogs

Modify motor rotation direction

Move the blind away
from it's end limit



OR



Press
simultaneously until...



...motor jogs



Press until...



...motor jogs

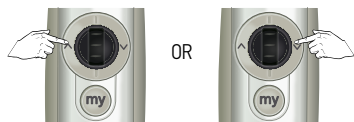
Verify that
the rotation is correct

Roll Up 28 WF RTS, Roll Up 24 WF RTS Li-Ion, Sonesse 28 WF RTS, Li-Ion, Sonesse 30 WF RTS Li-Ion, Tilt&Lift 25 WF RTS, Tilt Only 50 WF RTS

All IWC RTS, io motors and RTS receivers

Modify scroll wheel rotation direction

Make sure motor is set in Tilt mode



Move the blind away from
it's end limit



Press
simultaneously
until...



...motor jogs



Press
simultaneously
until...



...motor jogs

Verify that the tilt
rotation direction
is correct

Modify scroll wheel rotation direction

Make sure motor is set in Tilt mode



Move the blind away from
it's end position



Press
simultaneously
until...



...motor jogs



Press
simultaneously
until...



...motor jogs

Verify that the tilt
rotation direction
is correct

Tilt&Lift 25 WF RTS, Tilt Only WF RTS, Roll up 28 WF RTS, Roll up 24 WF RTS Li-ion, Sonesse 28 WF RTS Li-ion, Sonesse ULTRA 30 WF RTS Li-ion, Sonesse 30 RTS, Sonesse 40 RTS

(integrated) DC RTS receiver, Power 1 x 2,5 DC RTS, Power 4 x 2,5 DC RTS

Deactivate/Activate RTS when control point is temporarily recorded to motor

This function is used to deactivate the radio transmission to save the battery life (during shipment, storage)

1 Deactivate the RTS Radio Technology

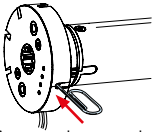


Press simultaneously until...



...motor jogs once and green LED blinks 5 times

2 Activate the RTS



Briefly press the motor head programming button.

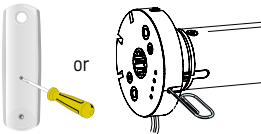


The motor jogs 2 times

Deactivate/Activate RTS when control point is recorded and programming is completed

Deactivating the radio transmission saves battery life during long period of non-use (eg storage).

1 Deactivate the RTS Radio Technology



Press and hold Prog on control point backside or the motor head programming button until...



...motor jogs once and green LED blinks 5 times

Motor is in programming mode

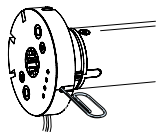


Press simultaneously until...



...motor jogs once and green LED blinks 5 times

2 Activate the RTS



Briefly press the Prog button on the motor head or plug in the charger.



Motor jogs once and green LED blinks 5 times

Temporary sleeping mode

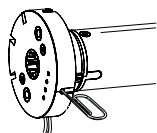


Attention

The driven product must be programmed.

The drive will not respond to any control points commands for 15 minutes.

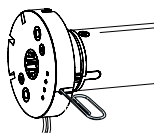
1 Activate Temporary sleeping mode



Press and hold Prog button on the motor head until...



...motor jogs once



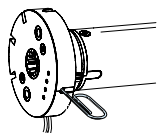
Briefly press Prog button on the motor head.



Motor jogs twice.

"Sleeping mode" is activated, green LED blinks 5 times to confirm, then orange LED blinks every second as long as the motor is in the temporary sleeping mode.

2 Deactivate Temporary sleeping mode



Briefly press Prog button on the motor head.



Motor jogs once.

The control point commands are enabled. Green LED blinks 5 times.

Li-Ion motors, How to replace battery

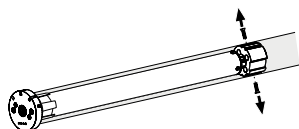
Precaution

Replacement of the battery by an identical model only, must be carried out by a professional of the motorization and the automation of the habitat.

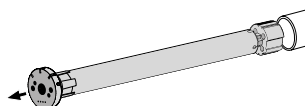
Attention



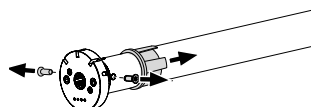
- Do not use tools that could damage the drive when replacing the battery
- Do not cut or damage the antenna cable



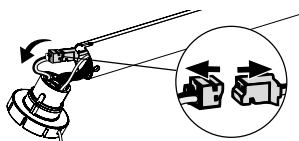
If the drive is fixed to the tube, disassemble the driven product to access the self-tapping screws or steel pop rivets (motor drive wheel side) and remove them.



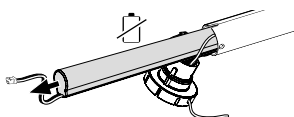
Grab the motor head and pull out the drive by sliding it out of the driven product tube.



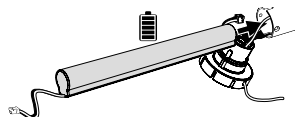
If necessary, offset the ring gear on the actuator tube to access the two **T6** torx screws or cruciform screws and unscrew the motor head.



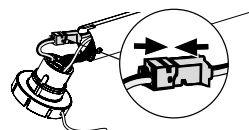
Remove carefully the motor head from the drive tube taking care not to damage the wires and disconnect the battery.



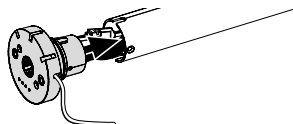
Grab and remove the used battery by sliding it out of the drive tube taking care not to damage the wires.



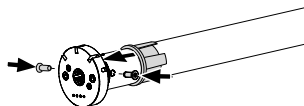
Insert and slide the new battery into the drive tube, leaving the battery connector accessible from the outside of the tube.



Connect the new battery.



Insert the motor head using the keying notches on the drive tube taking care not to cut off the wires.

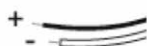


Screw the motor head using the two T6 torx screws or cruciform screws to the drive tube.

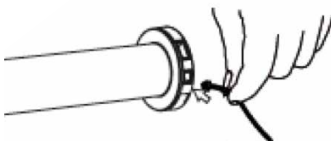
If necessary, readjust the end limits

Wiring

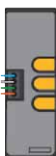
We recommend to use DCT setting tool Ref 9014599 for setting



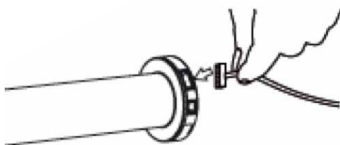
Connect power



- 1 UP (White/Blue)
- 2 STOP (Blue)
- 3 DOWN (White/Orange)
- 4 GND (Orange)



Connect DCT setting tool



Programming for,

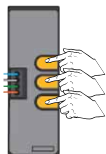
- Checking and changing rotation
- Setting of end limits
- Setting and changing of my position

Follow the procedure for Sonesse 30 RTS page 13-17 & 47

Setting type of blind

Default is roll up application

To change to Tilt and Lift application



Repeat to change back to Roll up application



Motor jogs

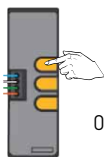
Setting of rolling speed



Press until...



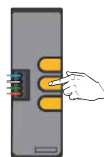
...motor jogs twice
Blind moves automatically up and down



Press UP
to increase speed



Press DOWN
to decrease speed



To confirm new speed, press until...



...motor jogs

Setting of tilt speed



Press until...



...motor jogs three times
Blind moves automatically up and down



OR



Press UP
to increase speed

Press DOWN
to decrease speed



To confirm new
speed, press until...



...motor jogs

Reset motor in Factory mode



Press until...



...motor jogs three times

Setting of My positions

- My position from UPPER end limit



Place blind in UP end limit



Press simultaneousy
until blind moves down



Stop at desired My position
Adjust if needed with
UP or DOWN button



To confirm My
position, press 5 sec
until...



...motor jogs

Setting of My positions

- My position from DOWN end limit



Place blind at DOWN end limit



Press simultaneousy
until blind moves UP



Stop at desired My position
Adjust if needed with
UP or DOWN button



To confirm My
position, press 5 sec
until...



...motor jogs

Adjust tilt speed



Place the blind approximately 75% closed



Press simultaneously until...
...moves continuously up and down



OR



Press repeatedly to increase or decrease speed



5 sec

To confirm new tilt speed, press until...



...motor jogs

Set automatic slat up-tilting



Place the blind approximately 75% closed



Press simultaneously until blind moves...



...then press STOP immediately



OR



Adjust tilt position



5 sec

To confirm tilt position, press until...



...motor jogs

Set My position - from UP end limit



Place the blind in UP end limit



Press simultaneously until...

...blind moves down



Stop at desired My position.

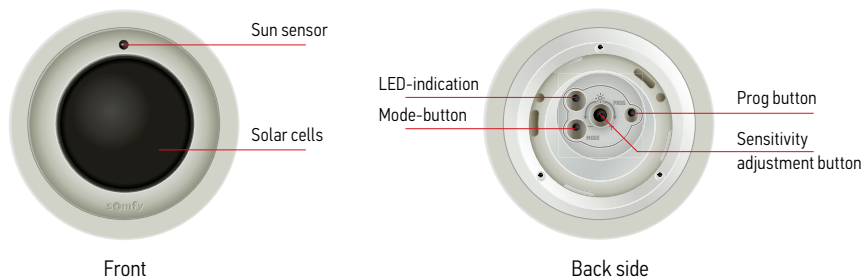
Adjust if needed with the up and down button.



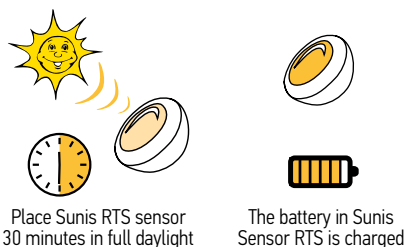
To confirm tilt position, press until...



...motor jogs



The battery must be charged before any setting starts. Place Sunis RTS sensor exterior, in full daylight for at least 30 minutes

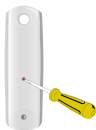


Conditions

- The Sunis Sensor RTS battery is charged
- Only connect the motor/receiver you plan to program
- Other motors/receivers should not be connected
- The motor/receiver is programmed
- The motor/receiver is programmed to a Telis Soliris RTS
- The blinds "jog" are feedback on the programming commands sent from the the Telis Soliris RTS. Always look at the blind
- The sensitivity adjustment should be set at "+". (The sun sensor should not be exposed to light. Cover the sensor, with e.i black tape.
- The mounting plate is mounted in a correct spot
- Do not use LED-lighting (i.e. Mobile Phone LED) for test.

Add a sensor for exterior installation

Enter programming mode



Press prog button on
programmed transmitter with
sun function (Telis Soliris) until...



...motor jogs

Connect sun sensor



Press prog button
shortly.



Motor jogs

Always look at the blinds movements



Short press of the select button



If left LED is lit, go to 1



If right LED is lit, go to 2

1



5 sec.

Release when the right LED is lit



The motor jogs if it has entered "Sun mode ON".

If no movement, motor was already in "Sun mode On".

Press until...

...motor jogs

2



5 sec.

Release when the left LED is lit



The motor jogs if it has entered "Sun mode OFF".

If no movement, motor is already in "Sun mode OFF".

Press until...

...motor jogs



5 sec.

Release when the right LED is lit



...motor jogs

3



Press the prog button on the back of the Telis Soliris RTS until...



...motor jogs



Press briefly the prog button short on Sunis Sensor RTS...



...motor jogs

1 Set the sensitivity adjustment button to + (right)



Use a suitable screwdriver

2 Set the Demo mode ON



5 sec.

Press the
MODE-button until...



...the blind "jogs" and the LED blinks red or green
(during 30 sec)



(if led blinks green
the maximum sun
is measured)

3 Turn the sensitivity adjustment button towards - (left),



Use a suitable screwdriver

When the led turns green
the present sun intensity
is set

Put Sunis Sensor RTS on the mounting plate



Expose the Sensor to light,
remove the covering material.



after approx
10 sec



Remove the sensor from the Sun,
or cover from Sun



after approx
10 sec

Remove Sunis Sensor RTS from the mounting plate

Switch the Demo mode OFF



5 sec.

Press the MODE
button until...



...motor jogs



Set sensitivity values on Sunis Sensor RTS, suitable for used blind types and conditions

Restart on page 51 if additional motors should be programmed to Sunis Sensor RTS or

Mount Sunis Sensor RTS on the mounting plate



Press short the
MODE-button

Operational mode



The LED lights green for 5 sec.
The light level exceeds the set value.
The sensor will send a down signal

DEMO-mode



The LED blinks green for 30 sec.
The light level exceeds the set value.
The Sensor will send a down signal

Operational mode



The LED lights red for 5 sec.
The light level is below the set value.
The sensor will not send a down signal

DEMO-mode



The LED blinks red for 30 sec.
The light level is below the set value.
The Sensor will not send a down signal

Is the Sunis Sensor RTS in DEMO-Mode?

- Short press of the mode button
- If the LED blinks the Sunis Sensor RTS is in Demo mode
- After 5 min Sunis Sensor RTS automatically reverts to operational mode



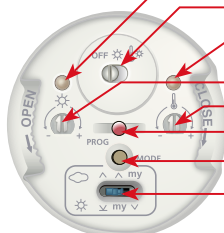
Front



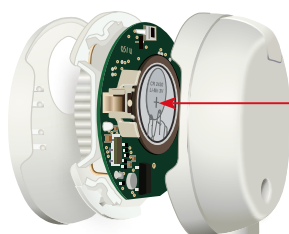
Side view



Cover



- LED, Sun sensor
- ON/OFF-Switch
- LED - temperature sensor
- Sun, sensitivity adjustment
- Temperature sensitivity adjustment
- Programming button
- MODE-button
- 3-position switch
 - ^ UP end limit
 - ∨ down end limit
 - ⌵ position of sensor
 - my favorite position "my"



Battery, type CR 2430

When battery power is low both sun and temperature LED lights in orange

Note, When replacing the battery no tools should be used.

Usage



Pos 1 Setting for exterior blinds



Pos 2 Setting A for interior blinds



Pos 3 Setting B for interior blinds

Add interior sun sensor

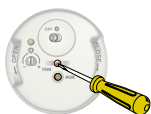


Press the prog button on the back of the control until...



...motor jogs

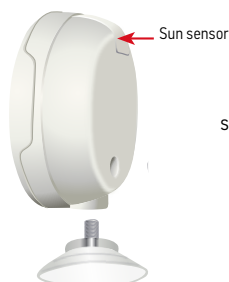
Connect sun sensor



Short press of prog button until...



...motor jogs



Place the sun sensor facing out



Thermosunis is for indoor use only!

For fixing on window frame mount the suction cup downward on the Thermosunis

For fixing on the window pane mount the suction cup on the back of Thermosunis

Usage options for Thermosunis Indoor Wirefree RTS

Setting for exterior blinds, screens or roller shutters



Place the 3 position switch in pos. 1. Thermosunis is placed beneath the desired blind stopping position



Setting A for interior blinds



Place the 3 position switch in pos. 2. Thermosunis is placed beneath the the "my" position, or between the interior blind and the window.



Setting B for interior blinds



Place the 3 position switch in pos. 3. Thermosunis is placed between the interior blind and the window



Note

- If the temperature is below the set value the sun function is deactivated
- If the temperature is higher than the set value the sun function is activated
- If the sensor is covered by the blind the sensor will be deactivated, (privacy feature)
- In order for pos. 2 & 3 to be used the blind must have a “my” position programmed

Pos. 1



No sun



If the set sun sensitivity setting is not passed during 30 min. the blind is sent to its top limit.

Sun  

If the set sun sensitivity value is passed more than 5 min. the blind will be sent down until it covers the sensor. It will then retract again enough to expose the sensor to the sun.

Pos. 2



No sun



If the set sun sensitivity setting is not passed during 30 min. the blind is sent to its top limit.

Sun  my

If the set sun sensitivity value is passed more than 5 min. the blind will be sent down to its programmed “my” position.

Pos. 3



No sun



If the set sun sensitivity setting is not passed during 30 min. the blind is sent to its programmed “my” position.

Sun  

If the set sun sensitivity value is passed more than 5 min. the blind will be sent down to its down limit.

Activate the sensor



The sensor is set on Off



The sun sensor function is active. The sensors Sun LED lights for 5 sec.

OR



The sun and temperature sensor is active. The sun sensor LED lights for 5 sec.

1 Put the RTS motor / receiver in programming mode

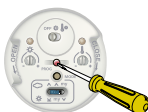


Press the prog button on the back of the control until...



...motor jogs

2 Connect the sensor



Short press of the prog button until...



...motor jogs

The sensor is now connected and active

1 Put the motor/receiver in programming mode

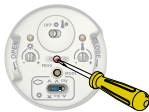


Press and hold
for 2 sec



Motor jogs

2 Erase the sensor

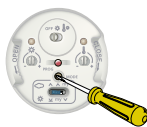


Press and hold
for 2 sec



Motor jogs

The sensor is now erased from the motor



Short press of the mode button



The LEDs for sun and temperature lights in red



Turn the sensitivity adjustment button for sun or temperature fully to the right



The LEDs for sun and temperature lights red

2



Turn the "sun" button slowly to the left until...



...the LED for sun lights green



Turn the "temperature" button slowly to the left until...



...the LED for temperature lights green

- The present light and temperature, at the time of adjusting, are used as threshold values
- The LEDs should be off after 15 sec without turning the buttons

- DEMO mode can be used to demonstrate the function and for adjusting the threshold values. The response time is shorter than in user mode
- The sensor will revert to user mode if not operated for 3 min
- If the sensitivity button is turned fully to the left the sensor simulates sun, in demo and user mode. The blind will move to it's down limit or programmed "my" position

Place the sensor in Demo mode



Press and hold the
MODE button for
2 sec



The LEDS for sun and
temperature blink for 30 sec.

The sensor is now in DEMO mode

Revert to user mode



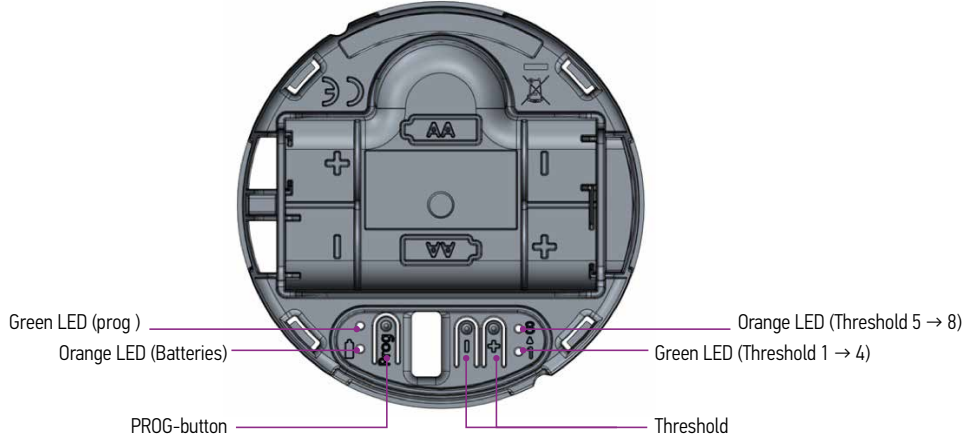
Press and hold the
MODE - button for
2 sec



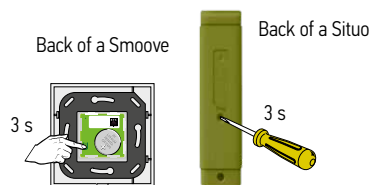
The LEDS for sun and
temperature lights for 30 sec.

The sensor is now in user mode

Description



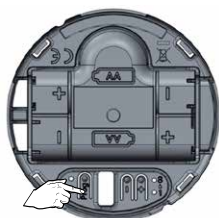
Program the sensor on a motor with a 1-way transmitter



Press on the PROG button of a Smoove A/M io or of a Situo 5 VAR A/M io until...



...short movement
→ OK



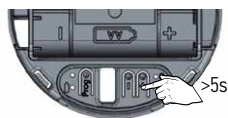
Press briefly the PROG button of the Sunis WireFree II io sensor, until...



...short movement
→ OK

Switch from “standard” modus to “My” operating mode

A new sensor is always delivered in “Standard” mode



To switch the mode press
5s on the “+” button until...



...the LEDs are blinking.
The “My” mode is activated

Switch from the “My” to the “standard” mode

A new sensor is always delivered in “Standard” mode



To switch the mode press
5s on the “+” button until...



...the LEDs light up.
The “standard” mode is
activated.

Programming Moco DCE

For products equipped with LWE motors



Tilt & Lift Applications and Lift application

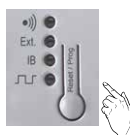
(This instruction shows setting via Centralis IB. Setting can be done with RTS control if RTS card is installed and the channels are programmed)

Moco DCE is default set for Tilt & Lift applications

To change to Lift application



Press and hold the prog button for 2 seconds



Release a few seconds



Press and hold the prog button again for 2 Sec



Press the prog button repeatedly until...



...the EXT LED lights up

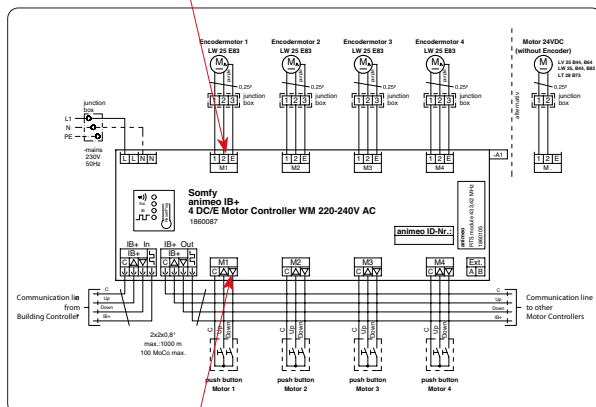


Press and hold prog button for 2 sec

Lift mode is now active

Setting of end limits

Connect motor 1 to terminal block 1 (Follow colour codes, cables to terminal)



Connect a Centralis IB on control terminal block 1 for motor 1

Setting



Press short on the up button



The blind moves to the top position and stops automatically



Press short on STOP



Press and hold the stop button for 6 seconds, until the blind starts



Press STOP when blind reaches it's down position



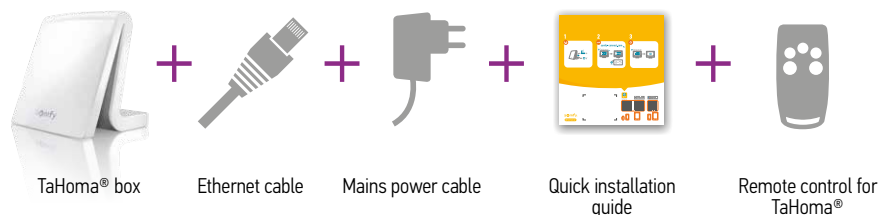
The end limits are set.

Repeat for motor 2-4 on terminal 2-4

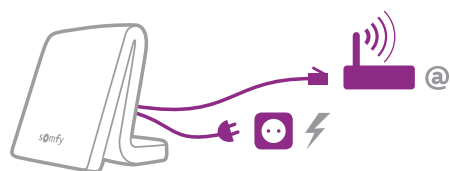
For installation of RTS control card, see dedicated manual

TaHoma® Your simple, adaptable connected home

Composition



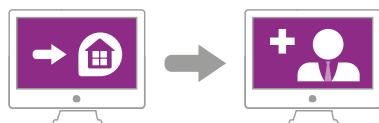
Connect the box



Do not disconnect the TaHoma® box during the initialisation sequence!

To improve the radio range, we recommend that the TaHoma® box be placed in an unconfined place in the middle of the house (avoid metallic surfaces and enclosures).

Create your account



Go to somfy-connect.com
Then select TaHoma® and follow the instructions on the screen



Confirm the account via the email received

Configure your connected home

1 Connect to the TaHoma® web interface using “somfy-connect.com”

 TaHoma®



2 Follow the instructions on the screen



Step 1: Add devices

Step 2: Customise your home

Add devices

TaHoma® is compatible with a wide range of devices from Somfy and its partners. These devices use different technologies, and are therefore grouped by family. The Somfy device families appear in the tabs by default.



An USB extension is required to ensure compatibility with certain partners.

When it is connected, the corresponding family automatically appears in the tabs.



Follow the instructions on the screen to go to the Configuration section of the main menu: then...



...select the technology used by the device that you want to add.

To find out which technology your Somfy device uses, look on the back of the product or the remote control for it.



Then click “add” and follow the instructions on the screen.

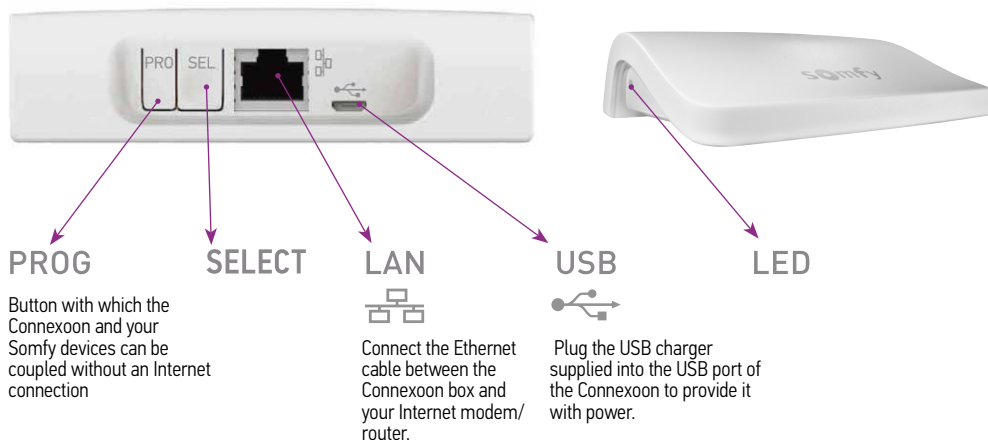
Rename your devices straight away to find them again later.

The icons for your devices appear in the central box.

If you have several similar devices, TaHoma® will also automatically create a “group” icon containing all of those devices.

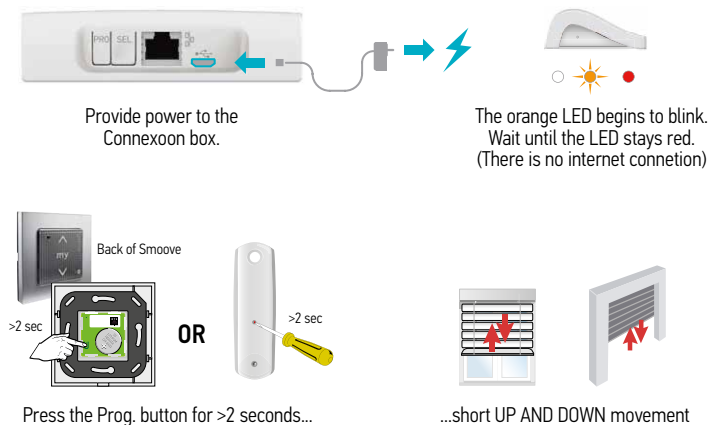
You can go back to your settings at any time to add, modify or delete devices. From the main menu, access Configuration again.

Product components



To add products (without Internet connection)

If the products to be connected are coupled to a one-way remote control (e.g. Smooove, Keygo, Situo) they can be coupled without an Internet connection and without first activating the Connexoon. To do this, follow the procedure below. This is a basic installation. Please refer to the manual for full consumer functions via app control



The product will move up and down 3x for confirmation. Repeat this for all products.

Select one of the 6 channels



Press SELECT until LED blinks...



...orange;
Channel **1**

<5s



Press SELECT until
LED blinks...



...red;
Channel **2**



Press SELECT until
LED blinks...



...green;
Channel **3**



Press SELECT until
LED blinks...



...2x orange ;
Channel **4**



Press SELECT until
LED blinks...



...2x red;
Channel **5**



Press SELECT until
LED blinks...



...2x green;
Channel **6**



Press SELECT until
LED blinks...



...orange;
Channel **1**



After choosing the right
channel, press PROG



...short UP AND DOWN movement
and...



...the red LED blinks
(There is no internet connection)

To register the Connexoon

If the devices to be connected are coupled to a two-way remote control, the Connexoon should first be registered with the details of the end user. Note: the user must have access to his mailbox to complete the activation.



First connect the Connexoon to the Internet via the Ethernet cable.



The orange LED begins to blink.
Wait until the LED stays green.
(There is internet connection)



Go to www.somfy-connect.com to register the Connexoon (via PC, Tablet or Smartphone). Enter the PIN code of the Connexoon. Then enter the requested data. Confirm the activation e-mail that is sent to the e-mail address (this should happen within 24 hours – otherwise, contact Somfy)



Download the App(s).



Login on the Connexoon
(note: the login data are case-sensitive).

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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