



Installation,  
Programming  
& Operation  
Guide

*Battery Powered Roller Blind*

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# The contents of your order

## Standard roller system



Motorised blind assembly

Check the fabric type and the size of the blind matches the dimensions ordered.

Each blind ordered will have the following components:



2 x universal brackets

*Bracket covers are supplied with blinds ordered to fit outside the window recess.*



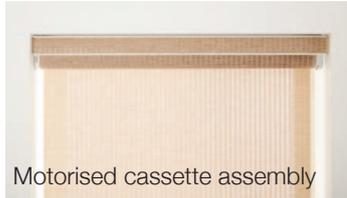
4 x screws



4 x rawl plugs



## Cassette roller system



Motorised cassette assembly

Check the fabric type and the size of the cassette matches the dimensions ordered.

Each blind ordered will have the following components:

Inside recess fitting:

Top fix spring brackets

Blind up to 1M: 2

Blind 1M to 2M: Qty 3

Blind over 2M: 4

1 x raw plug + screw per top fix spring bracket.

Outside recess fitting:

Universal brackets

Blind up to 1M: 2

Blind 1M to 2M: Qty 3

Blind over 2M: 4

2 x rawl plugs + screws per universal bracket.

## Power supply

Standard Battery Pack



1 x standard battery tube +  
8 x AA lithium batteries +  
2 x mounting clips

Rechargeable Battery Pack



1 x rechargeable battery tube +  
10 x AA NiMH rechargeable  
batteries + 2 x mounting clips

Solar Pack



1 x solar panel +  
1 x rechargeable battery tube +  
10 x AA NiMH rechargeable  
batteries + 2 x mounting clips +  
'Y' cable connection lead

Mains power adapter

1 x 230Vac mains  
adapter.



## Controls

If you ordered a control with your blind(s), then it will be one of the following:

Telis 1 RTS



Telis 4 RTS



Telis 16  
RTS



Telis 6  
Chronis RTS



Smooove Wall Switch



Smooove  
Origin  
RTS

Smooove Touch  
Sensitive RTS  
White, Black & Silver

Chronis Smart RTS



# Blind fitting & position

## Fitting the blind inside or outside the window recess

### Fitting your blind inside the window recess

Firstly decide whether to face fix or top fix your blind.

We recommend you top fix your blind within the recess if:

- you have uPVC window frames
- there are obstructions like handles

We recommend you face fix your blind if:

- you want to fit the brackets directly to the window frame

*When deciding on the position the brackets, make sure that you allow enough space for the bottom bar of the blind to clear window handles while the blind is travelling down.*

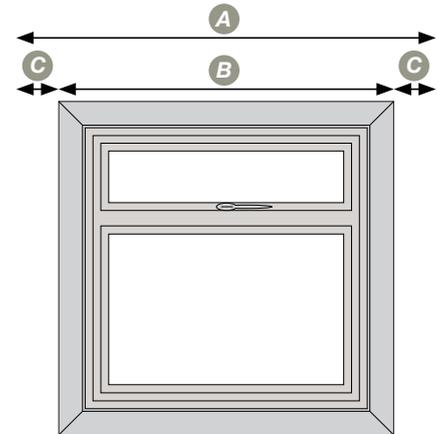
### Fitting your blind outside the window recess

Follow the measurement steps below to ensure that centre of your roller blind is exactly in the middle of your window:

The measurements at either end of the recess (C) need to be the same.

To work out C:

- 1) Measure the width of the window (measurement B).  
Write down the measurement.
- 2) Measure the width of the blind (measurement A).  
Write down the measurement.
- 3) Take measurement B away from measurement A and divide the answer by 2 to get measurement C.



## STEP 1

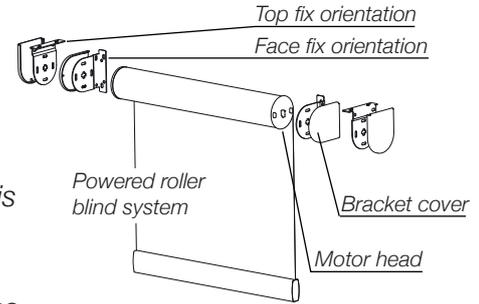
### Marking the bracket positions

Put the blind into the corresponding ends of the brackets as illustrated, then offer the blind into the position where you'd like to fix it in your window.

Mark the positions of 2 holes per bracket for fixing or drilling.

*Important note: Ensure that the plunger at the idle end (opposite the motor end) is depressed by at least 5mm when marking the hole positions. Also leave enough room to mount the battery/solar pack if you plan to secure it behind the blind.*

*N.B: Bracket covers are only supplied with blinds fitted outside the window recess.*



## STEP 2

### Fitting the brackets

Secure the brackets in place at the marks previously made.

If securing the brackets to plaster, brick, stone, etc., drill the holes at the marked positions using a 5.5mm masonry drill bit and insert the raw plugs supplied. Fix the brackets in place using the screws supplied.

*Important note: The pin end plunger must be depressed by 5mm, otherwise it will lock in place and refuse to rotate*

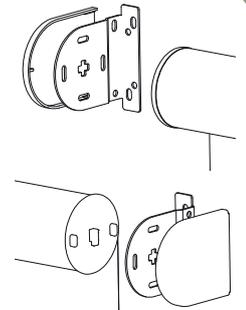
## STEP 3

### Mounting the roller blind

*Before mounting the blind, we recommend you install the battery or solar pack - see next section for guidance.*

Hold the blind to the brackets with the fabric hanging from the back of the blind and the motor head aerial hanging vertically down (pointing towards the floor). Secure the idle end (opposite the motor end) into position by locating the '+' shaped plunger into the '+' shaped part of the bracket.

When correctly aligned, the plunger should pop into the bracket and secure in place. Now angle the motor head side into position and slot the prongs of the motor head plate into the bracket, ensuring that the central prong drops into position on the bracket.

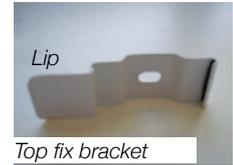


# Cassette roller blind installation - top fix

## Top fix spring clip bracket

The top fix spring clip bracket is designed to allow quick fit and release of your cassette blind. Once the brackets are fitted, the cassette system simply clips in place.

*Before fitting the cassette blind, we recommend you install the battery or solar pack - see page x for guidance.*



## STEP 1

### Spacing

Mark the brackets approx 50mm in from each end with other brackets spaced evenly between them.



## STEP 2

### Fixing positions

Position your bracket from the centre of the fixing hole a minimum distance of 45mm from the back of any obstruction and with the lip to the back. Mark the position of the hole, then secure in place.



*If securing the brackets to plaster, brick, stone, etc., drill the holes at the marked positions using a 5.5mm masonry drill bit, then use the raw plugs and screws supplied to fix the brackets.*

## Fitting

Place the front lip of your cassette into the front hook of the bracket and push upwards into the bracket until there is a firm click.



## Removing

To remove the blind, push the lip of the bracket at the back of the cassette upwards using the head of a screwdriver, then pull the rear of the cassette downwards.



## Universal bracket

The universal bracket is designed to allow quick fit and release of your cassette blind. Once the brackets are fitted, the cassette system simply clips in place.

*Before fitting the cassette blind, we recommend you install the battery or solar pack - see page x for guidance.*



Universal bracket

## STEP 1

### Spacing

Mark the brackets approx 50mm in from each end with other brackets spaced evenly between them.



## STEP 2

### Fixing positions

Position the back of your bracket against the wall to the height of the blind drop then mark the position of the holes (mark and fix a minimum of two hole points), then secure the brackets in place.



*If securing the brackets to plaster, brick, stone, etc., drill the holes at the marked positions using a 5.5mm masonry drill bit, then use the raw plugs and screws supplied to fix the brackets.*

## Fitting

Tilt your cassette blind back and locate the front lip of the bracket to the front lip of the cassette, then push back and upwards at the same time until there is a firm click.



## Removing

To remove the blind push back on the cassette and pull downwards.



# Battery pack & solar pack installation

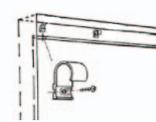
## Standard or rechargeable battery pack

Secure the battery pack clips in place at the same side as the motor position.

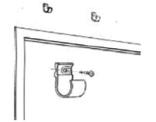
Inside recess blind mounting: secure the clips directly behind the blind (as illustrated).

Outside recess blind mounting: secure the clips above & behind the blind (as illustrated).

Once the clips are in place, mount the battery pack ensuring that the supply cable is routed towards the blind motor position.



Battery clip mounting on an inside recess fitted blind.



Battery clip mounting on an outside recess fitted blind.

## Solar pack

The Solar Pack is designed can only be used with motorised blinds powered by a Somfy WireFree™ motor.

### STEP 1

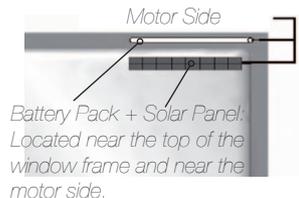
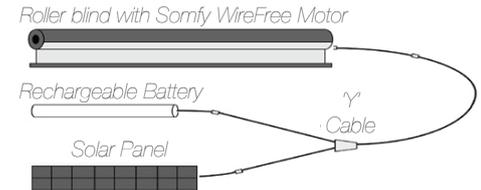
#### The location of the solar panel

The solar panel must always be installed on the inner window pane to allow as much natural light as possible to reach the panel.

*Caution! The solar panel will only work on clear window glass that allows full light transmission. Do not install the panel on obscure/tinted glass or windows in areas where obstructions will interfere with light levels.*

The three components which make up the Solar Pack (solar panel, rechargeable battery pack and 'Y' cable) must be installed on the same side as the blind motor position.

We recommend that you fit the battery pack and solar panel first, so that the wire harness connection can be completed easily. Ensure the wire harness does not interfere with the free movement of the blind.



Battery Pack + Solar Panel: Located near the top of the window frame and near the motor side.



Installed: When fully open, the blind may help conceal the Solar Pack when viewing the window/blind from the inside.

## STEP 2

### Mounting the solar battery pack

The battery pack can be mounted vertically or horizontally within close proximity to the motor position. Use the mounting clips supplied to secure the battery pack behind the blind. If installing the battery vertically, always position it with the cable output upwards to prevent the unrestrained wire from catching the blind during travel.

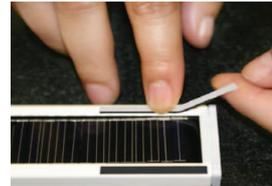
## STEP 3

### Mounting the solar panel

Determined the position of the solar panel prior to applying the double-sided tape. To ensure a secure adhesive hold, clean the inside window pane surface prior to mounting the solar panel.

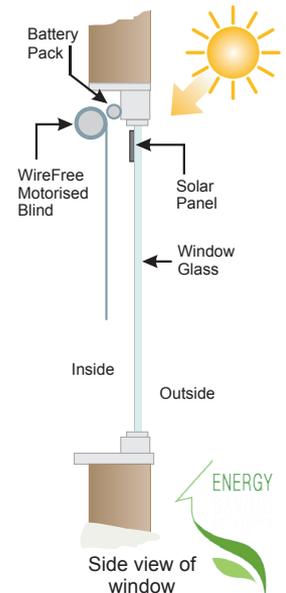
Ensure nothing contaminates the adhesive surface of the double-sided tape prior to application.

- 1) Clean the solar panel frame corners and window area with the cleaning wipe supplied and allow a drying period of two minutes.
- 2) With the solar panel facing up on a flat surface, carefully apply the double-sided adhesive to the four corners of the solar panel frame.
- 3) Remove the protective strips of the double-sided adhesive and position the solar panel facing towards the outdoors. Press the panel with firm, even pressure onto the glass for 10- 15 seconds.



The panel will require 24 hours of cure time to allow for full adhesion. Do not disturb the panel during this period.

### Diagram of a typical Solar Pack installation

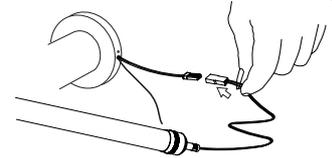


# Power up & testing - *blind supplied with a control*

Your roller blind is tested to ensure it is operating correctly prior to dispatch. During this process, the upper and lower stop positions are preset based on your height measurement. We also pair the control ordered to the motor for your convenience.

## Standard or rechargeable battery pack

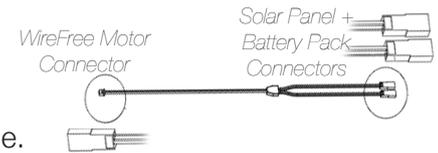
Once your blind is fixed securely in place, you are ready to connect the battery pack. Take the motor supply cable and connect the long plug into the long socket of the battery pack. Tidy any excess cable away to ensure it does not come into contact with the blind.



## Solar pack

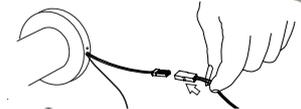
Ensure the 'Y' cable does not come into contact with the blind during travel.

- 1) Connect the single lead of the 'Y' cable to the motor.
- 2) Connect the solar panel + battery pack to the opposite ends of the 'Y' cable.



## Mains power adapter

Plug the mains power adapter into your socket outlet and connect the long socket on the trailing lead to the long plug on the motor supply cable.



*You ordered a control with the blind*  
Follow the instructions below



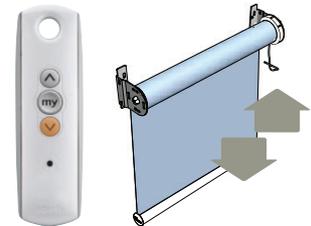
*You didn't order a control with the blind*  
Follow the instructions on the next page



## Test the motorised roller blind operation

Press the down button on your control.

The blind will travel down for a few seconds, then reverse direction and travel back up to the original starting position. This 'Down/Up' movement occurs when the blind is operated after a battery pack is plugged back into the motor to provide visual feedback that power has been restored to the blind. Use your control to confirm that the up/down directions are correct and the blind automatically stops at the preset upper and lower stop positions.



## New blind - Existing Somfy RTS control

### Before you begin

The following procedure is relevant if you ordered a motorised blind and selected 'no control' during the order process as you already have a Somfy RTS control.

The blind supplied has been set up with the up/down direction correctly defined and the stopping positions preset.

The programming process below depicts a Somfy Telis 1 RTS Pure as the control - any Somfy RTS control can be used, just make sure that you follow the procedure as described below even if you have a wall switch or timer control.

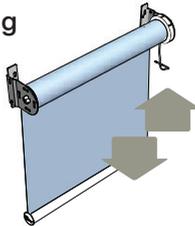
## Pairing your existing Somfy control to your blind



### STEP 1: Initiate programming

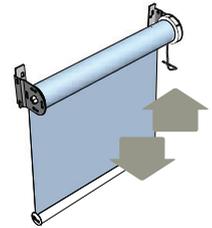
Press both  and  buttons together briefly and let go - the blind will jog.

*A jog is a brief up and down motion.*



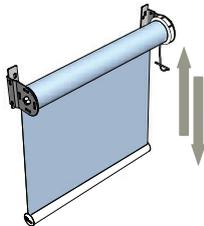
### STEP 2: Pair the control

Press and hold the programming button on the back of the RTS control\* until the blind jogs. The RTS control is now paired to the blind motor.



### STEP 3: Test

Use your RTS control to confirm that the up/down directions are correct and the blind automatically stops at the preset upper and lower stop positions.



## \*Program buttons - Somfy RTS controls



Telis 1 & 4



Smooove Wall Switch



Chronis Smart



Telis 16 & 6 Chronis

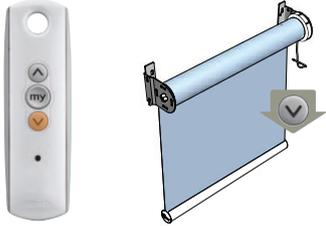
## Operating your motorised roller blind

### General control

Your motorised roller blind has been programmed to automatically stop at a preset upper and lower stop position. You need only press the Up or Down button briefly and the blind will travel in the respective direction until it reaches the preset stop position, where it will stop automatically. You can stop the blind at any point within the preset up and down stop positions by pressing the middle or 'my' button.

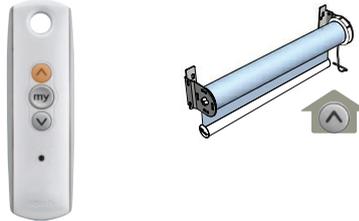
### Lowering the blind

Press the  button briefly to send the blind to the lower stop position.



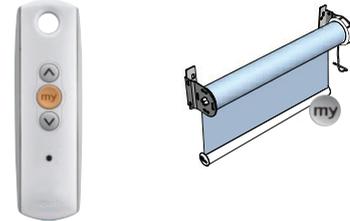
### Raising the blind

Press the  button briefly to send the blind to the upper stop position.



### Stopping the blind

Press the  button briefly to stop the blind at an intermediate position.



### Blind control

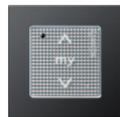
Handsets, wall switches and timers can be added or removed to provide the desired control requirement.

### Single channel control

Single channel control will allow independent operation of a single blind or simultaneous operation of a group of blinds.



Telis 1  
Pure



Smooove  
Wall Switch



Control a single blind  
independently

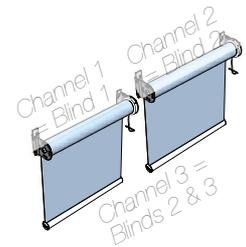
Control a group of  
blinds simultaneously

### Multi channel control

Multi channel control will allow independent and group operation of multiple blinds.



Telis 4  
Pure



Channel 1 = Blind 1  
Channel 2 = Blind 2

Channel 3 =  
Blinds 2 & 3

## Adjusting the Upper & Lower stopping positions



### Adjust the upper stop position

Press to send the blind to the current upper stop position.



Press both and simultaneously until the blind jogs (approx 5 secs). Then use and/or to adjust the blind to the desired upper position.



Press and hold (approx 5 secs) until the blind jogs to confirm the new upper stop position has been recorded.



### Adjust the lower stop position

Press to send the blind to the current lower stop position.



Press both and simultaneously until the blind jogs (approx 5 secs). Then use and/or to adjust the blind to the desired lower position.



Press and hold (approx 5 secs) until the blind jogs to confirm the new lower stop position has been recorded.

# Setting an intermediate 'my' position

## Setting a 'my' position (intermediate position)

### Setting

Use either or to operate the blind and press to stop at the desired 'my' or intermediate position.

Once the desired Intermediate position is reached, Press and hold until the blind jogs (approx 5 secs). The 'my' position has now been set.



### Using

Send the blind to the 'my' position by pressing from ANY position (*the blind must be stationary prior to activating the 'my' position function*).

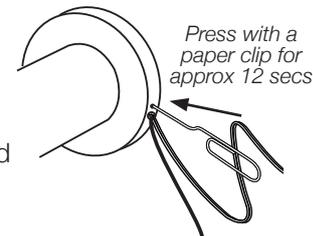
### Delete the 'my' position

Send the blind to the 'my' position, then press and hold until the blind jogs (approx 5 secs). The 'my' position has now been deleted.

# Reset procedure

## Reset and re-programme the WireFree roller blind motor

**Before you begin** - Disconnect the power to all other blinds in range while programming.



### STEP 1: Initiate reset

Take a paper clip and press and hold the PROGRAM button on the motor head until the blind jogs 3 times (approx 12 secs). All settings are deleted and the motor has been reset.



### STEP 2: Initiate programming

Press both and simultaneously then release - the blind jogs. *A jog is a brief up and down motion.* You can now operate the blind, but it will only move when the or buttons are held down.



### STEP 3: Check directions

Press the button. While pressing the blind should travel down. If the blind goes up, change direction by pressing and holding the button until the blind jogs (approx 5 secs). Press the button to check the direction has reversed.



### STEP 4: Setting the UPPER stopping position

Adjust the blind to the upper stop position. Press both and simultaneously, then release - the blind will start to lower (if nothing happens, repeat the process until the blind starts to lower). Stop the blind at the lower stopping position and fine tune to the exact point with or .



### STEP 5: Setting the LOWER stopping position

Press both and simultaneously, then release. The blind will move up and stop at the upper stop position previously set (if nothing happens, repeat the process until the blind starts to move up).



### STEP 6: Confirm the stopping positions

Once the blind has stopped at the upper stop position, press and hold until the blind jogs to confirm the stop positions have been recorded (approx 5 secs).



### STEP 7: Set user mode

Press and release the programming button on the back of the control - the blind jogs. The blind is now in User Mode and the control has been recorded to the motor. Double check the stop positions as a precaution.

**The reset and programming procedure is complete.**

## Adding or deleting a single channel control (handset or wall switch)



### Programmed Transmitter

**Step 1:** Take a handset or wall switch that is already programmed to the blind motor.

**Step 2:** Press and hold the program button of the handset or wall switch until the blind jogs (approx 2-3 secs).



### Transmitter to add or delete

**Step 3:** Select the handset or wall switch to be added or deleted.

**Step 4:** Press and hold the program button of that handset or wall switch until the blind jogs (approx 1 sec).

## Assigning additional channels with a multi channel control



*Multi Channel Programming - Example: Two blinds with independent control on channels 1 (blind 1) & 2 (blind 2) - set up the blinds for group control on channel 3 (with Ch3 selected, blinds 1 & 2 operate together).*

**Step 1:** Select Ch. 1 which operates blind No1.

**Step 2:** Press and hold the program button on the rear of the handset until blind No1 jogs (approx 2-3 secs).

**Step 3:** Select Ch. 3 on the handset.

**Step 4:** Press the program button on the rear of the handset until blind No1 jogs (approx 1 sec).

Ch. 3 will now operate blind No1.

**Step 5:** Select Ch. 2 which operates blind No2.

**Step 6:** Press and hold the program button on the rear of the handset until blind No2 jogs (approx 2-3 secs).

**Step 7:** Select Ch. 3 on the handset.

**Step 8:** Press the program button on the rear of the handset until blind No2 jogs (approx 1 sec).

Ch. 3 will now operate blind No2.

*When both programming procedures have been completed, Ch.3 will operate blinds 1 & 2 together.*

*This programming principle can be used to create group control scenarios with multi channel controls.*

*All other blinds should be disconnected from their respective power while programming is in progress.*

*While programming, the blind should not be inactive for longer than 2 minutes or the motor will exit the programming mode.*

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control at your fingertips

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