

Chronis Smart RTS



Operating and installation guide

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Somfy's expertise delivers satisfaction guaranteed.

Thank you for choosing a Somfy Chronis Smart RTS .

Before installing and using the Chronis Smart RTS, please read this guide carefully.

Somfy solutions animate your windows and entrances to bring your whole house alive. Somfy solutions are designed so that everyone can enjoy the benefits of the products in their home, based on their specific requirements.

In this guide, the term 'product' can include your awning, blind, curtain, garage door, gate, projection screen, roller shutter.

Well thought-out and easy to use, Somfy solutions are one of life's little daily pleasures, making home life more enjoyable.

1. Brief introduction to the Chronis Smart RTS

This guide describes the installation steps required to make the best use of the Chronis Smart RTS. Advanced installation functions are available on our website (address on the back cover of these instructions).

1.1 What is the Chronis Smart RTS for?

The Chronis Smart RTS is a wireless, programmable radio control point, compatible only with products fitted with Radio Technology Somfy (RTS), e.g. roller shutter motors, awning motors etc. The Chronis Smart RTS is also called a "timer".

The Chronis Smart RTS enables the product to be opened and closed once a day according to the pre-programmed times. For example, the Chronis Smart RTS may open the roller shutters at 7:30 in the morning during the week and at 10:00 on a Sunday. The Chronis Smart RTS also enables automatic closing as soon as it gets dark, even if there is nobody at home.

Any linked products can also be opened and closed manually from the Chronis Smart RTS.

The Chronis Smart RTS is used:

- as an individual control to control a single product (e.g. one roller shutter or one awning) at a time;
- as a group control to control several products (e.g. several roller shutters and/or awnings) at the same time.

1.2 A few definitions

Installation

All of the Radio Technology Somfy products a house is equipped with.

Favourite position:

The favourite position is your ideal position for your product in certain common situations, for example, take advantage of the sunlight whilst you are dining without being dazzled by the sun; your blinds partially closed to shield your computer from the afternoon sunlight etc.

Venetian awning (awning in this guide):

All awnings with adjustable slats: interior and exterior awnings.

2. Safety - Important information

2.1 Installation and commissioning

Before installing and using the Chronis Smart RTS, please carefully read this guide, which describes how to install, commission and operate the Chronis Smart RTS.

Never begin installing without first checking the compatibility of the Chronis Smart RTS with the associated equipment and accessories.

Any incorrect use will invalidate the warranty and Somfy's liability.

2.2 Operating

- Somfy recommends that at least one control point is located close to the product or group of products.
- Do not allow children to play with the fixed control points. Keep remote controls out of the reach of children.
- Monitor the product (especially roller shutter/awning/garage door/gate) while it is moving, especially during commissioning of the Chronis Smart RTS, and keep people at a distance until the product is completely closed.
- Make sure the power supply to the product is turned off before any maintenance operation in the vicinity of the product (for example, when cleaning windows near your awning).
- Avoid moving the product if ice has formed in it, unless the motor is fitted with anti-freeze protection.
- Do not immerse or soak the Chronis Smart RTS in any liquid.
- Only use maintenance products recommended by Somfy.
- Frequently check the product (e.g. awning) to detect any defects in balance or any signs of wear. Do not use the product if a repair or adjustment is required.

2.3 Environment

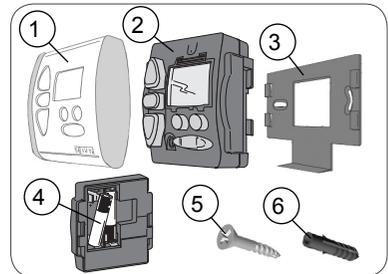
Damaged electrical or electronic products, such as used batteries, should not be disposed of with household waste. Please take them to a collection point or an approved centre to ensure they are recycled correctly.

3. Content of the kit and tools required

3.1 List of parts

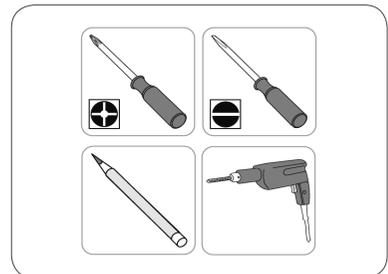
Before starting installation and commissioning of the Chronis Smart RTS, check that all parts listed in the table below are present in the correct quantity (Q):

No.	Components	Q.
1	Front cover	1
2	Timer	1
3	Wall support	1
4	Battery: 1.5 V DC (type AAA LR03)	2
5	M3 x 20 mm screw	2
6	6 mm plug \varnothing	2



3.2 Tools required

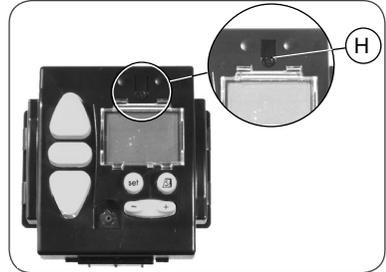
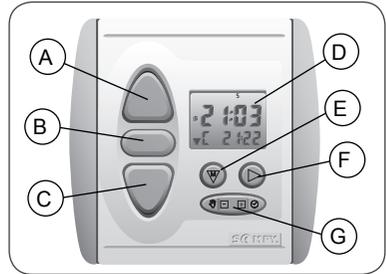
- Appropriate screwdriver for the screws to be used
- Insulated flathead electricians screwdriver
- Drill and drill bit
- Pencil



4. The Chronis Smart RTS in detail

4.1 Components

- A. Up
- B. Stop/favourite position
- C. Down
- D. Screen
- E. Menu button 
- F. Sub-menu button (parameter selection) 
- G. Mode button/Settings button 
- H. PROG button (in the form of a tab, under the front cover).



4.2 Technical data

- Dimensions in mm (Height x width x depth):
80 x 80 x 27 mm
- Operating temperature: + 5°C to + 40 °C
- Protection rating: Inside use, in a dry room - IP 30
- Frequency: 433.42 MHz
- Range: 20 m through two concrete walls; 200 m in an open area
- Battery: 2 X 1.5 V DC (type AAA LR03).

5. Before installing the Chronis Smart RTS

5.1 Turning the Chronis Smart RTS on

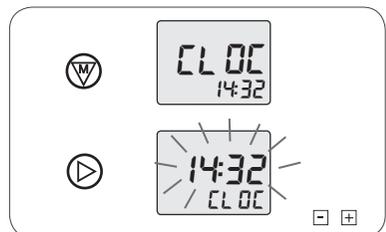
- If the front cover (1) of the Chronis Smart RTS is fitted to the timer:
 - Gently press the up and down buttons (never press the screen) to release the timer from the front cover.
- Take the timer (2) and turn it over.
- Remove the plastic strip preventing battery contact:
 - ▶ The standard display appears.
 - ▶ The time shows: "0:00".



5.2 Setting the current time and date

5.2.1 Setting the time

- Press the Menu button  until "CLOC" appears on the display:
 - ▶ The standard display will automatically reappear after approximately 20 seconds if there is no activity.
- Press the Sub-menu button :
 - ▶ The time display flashes.
- Press the  button to set the time.
 - ▶ If the button is held, the time rapidly increases or decreases.



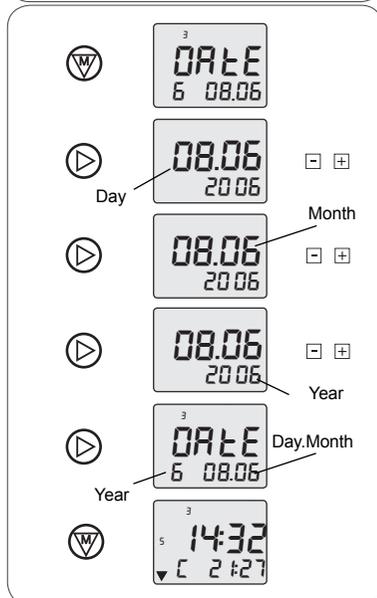
- Press the Sub-menu button  to confirm the setting:
 - ▶ The display reverts to "CLOC".
- Check the time.



5.2.2 Setting the date

- Press the Menu button : "DATE" is displayed.
- Press the Sub-menu button :
 - ▶ The day display flashes.
- Press the   button to set the day.
- Press the Sub-menu button :
 - ▶ The month display flashes.
- Press the   button to set the month.
- Press the Sub-menu button :
 - ▶ The year display flashes.
- Press the   button to set the year.
- Press the Sub-menu button  to confirm the setting:
 - ▶ The display reverts to "DATE".
- Check the date.
- When the date has been set:
 - Press the Menu button  to return to the standard display.

Caution: On the Chronis Smart RTS, the time automatically changes to daylight saving time/winter time once the time and date have been set.



6. Adding the Chronis Smart RTS

6.1 Identifying the original control point

6.1.1 Installation recommendations

- To add a Chronis Smart RTS, use the control point linked to the product which only controls this product: pressing the Up or Down button only causes movement of the product to which the new Chronis Smart RTS must be linked.

Caution! If there is no longer a control point linked to the product (all the control points are broken or have been lost), contact the Somfy assistance service.

- This guide describes how to link a Chronis Smart RTS to a compatible RTS product.
- To link the Chronis Smart RTS to several products, identify the individual control point for each of the products to be linked and carry out the procedure described in the section entitled "Adding the Chronis Smart RTS" which corresponds to the original control point.
- On some products, inputs in programming mode and the addition or deletion of a control point are signalled by a series of beeps emitted by the motor. On other products this is signalled by a brief movement of the product.
- Place the product in the midway position before installing the new Chronis Smart RTS so that any movements can easily be seen.

6.1.2 Original control points

- Identify the original control point in the list below and refer to the paragraph given to add the new Chronis Smart RTS:

- 1) Control point fitted to the wall with a single button, called a One-touch point, see paragraph 6.2;
- 2) Control point fitted to the wall with Up/STOP/Down buttons, called a Point with Up/STOP/Down buttons, see paragraph 6.3;
- 3) Programmable control point, called a Timer, see paragraph 6.4;
- 4) Situø control point fitted to the wall, see paragraph 6.5;
- 5a) Telis 1 RTS remote control, see paragraph 6.6;
- 5b) Telis Soliris RTS remote control, see paragraph 6.6;
- 6a) Telis 4 RTS remote control, see paragraph 6.7;
- 6b) Telis 4 Soliris RTS remote control, see paragraph 6.7.

6.2 One-touch point

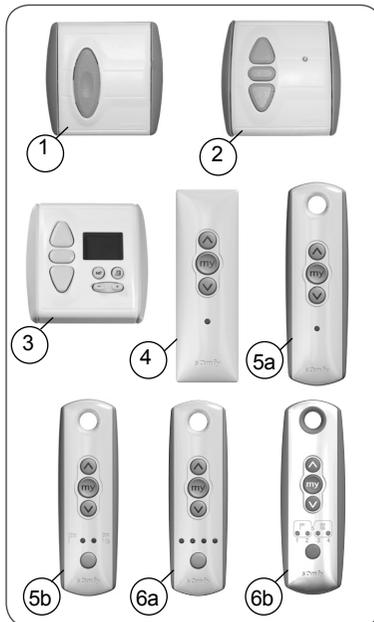
Move close to the product to install the new Chronis Smart RTS.

6.2.1 Identifying the model

- Check that the original control point has an elongated button.
- Bring the product to the midway position.
- Remove the front cover from the one-touch point:

One-touch point with a white and grey front cover

- Gently remove the front cover with a flat, pointed tool (such as a flathead screwdriver) where the white section and the grey section join.
- Lever it and lift the cover, without using force, to detach the mounting lugs from the front cover.



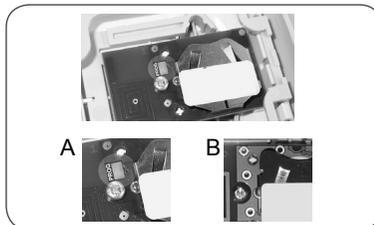
One-touch point with white front cover

- Lever it with a flat, pointed tool (such as a flat-head screwdriver), without using force, around the upper section of the front cover to detach it from its mounting.



- Turn the front cover over to find out the model:

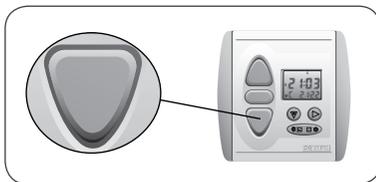
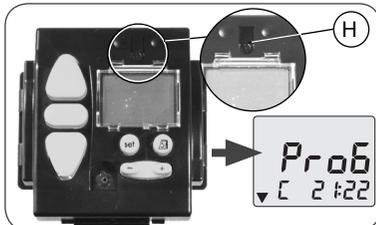
- If there is a metal plate inscribed PROG next to the battery: model A.
- If there is no metal plate inscribed PROG next to the battery: model B.



6.2.2 Adding the Chronis Smart RTS

Model A:

- Make a contact between the PROG metal plate on the electrical circuit and the battery bracket using a flat-head screwdriver until the product moves briefly (or there is a series of 3 beeps): the programming function is activated for approximately 2 minutes.
- Take the new Chronis Smart RTS.
- Briefly press the PROG button (H) on the new Chronis Smart RTS:
 - ▶ “PROG” is displayed on the Chronis Smart RTS screen.
 - ▶ The product will make another brief movement (or emit a series of 8 beeps) to indicate that the new Chronis Smart RTS has been stored.
- Press the down button on the new Chronis Smart RTS:
 - ▶ If the product is lowered, the Chronis Smart RTS is operational.
 - ▶ If the product does not move, contact the Somfy assistance service.



- Replace the original control point front cover:

One-touch point with a white and grey front cover

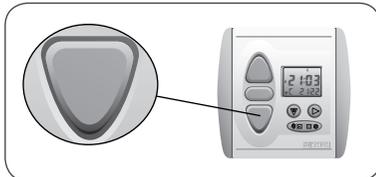
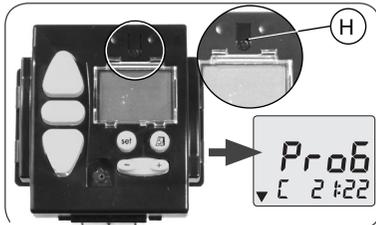
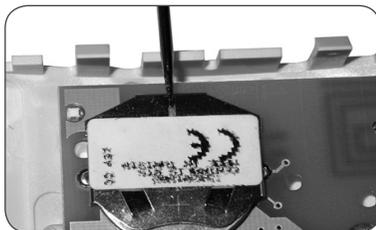
- Insert the mounting lugs into their notches on one side of the front cover.
- Press on the other side until it clicks, to fix the front cover in its bracket.

One-touch point with a white front cover

- Refit the front cover on its bracket.

Model B:

- Remove the battery from the original control point using a flathead screwdriver.
- Press on the centre section of the one-touch point button.
- Replace the battery.
- Press the button again until the product moves briefly (or there is a series of 3 beeps): the programming function is activated for approximately 2 minutes.
- Take the new Chronis Smart RTS.
- Briefly press the PROG button (H) on the new Chronis Smart RTS:
 - ▶ “PROG” is displayed on the Chronis Smart RTS screen.
 - ▶ The product will make another brief movement (or emit a series of 8 beeps) to indicate that the new Chronis Smart RTS has been stored.
- Press the down button on the new Chronis Smart RTS:
 - ▶ If the product is lowered, the Chronis Smart RTS is operational.
 - ▶ If the product does not move, contact the Somfy assistance service.



- Replace the original control point front cover:

One-touch point with a white and grey front cover

- Insert the mounting lugs into their notches on one side of the front cover.
- Press on the other side until it clicks, to fix the front cover in its bracket.

One-touch point with a white front cover

- Refit the front cover on its bracket.

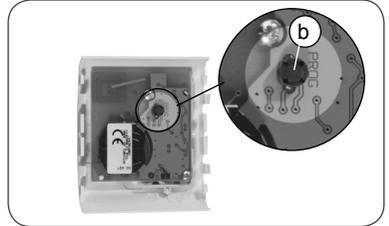
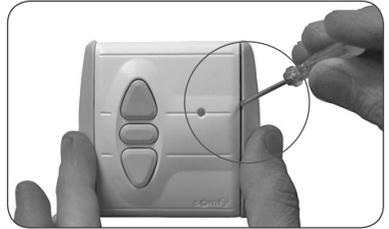
6.3 Point with Up/STOP/Down buttons

Move close to the product to install the Chronis Smart RTS.

6.3.1 Checking the compatibility

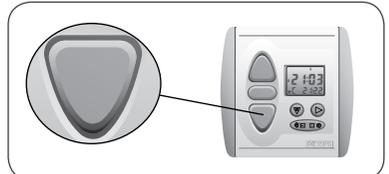
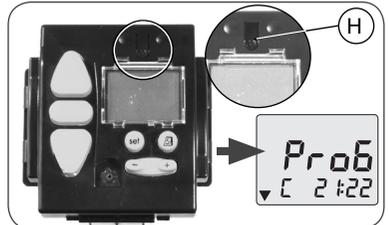
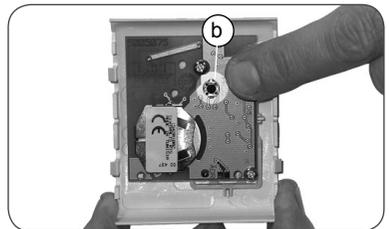
- Bring the product to the midway position.
- Cut off the mains power supply or detach the battery connected to the motor (e.g. for a battery operated roller blind).
- Remove the front cover:
 - Gently remove the front cover with a flat, pointed tool (such as a flathead screwdriver) where the white section and the grey section join.
 - Lever it and lift the cover, without using force, to detach the mounting lugs from the front cover.
- Turn the front cover over: the PROG button is located next to the battery (b).

Caution! If after removing the front cover, no PROG button is found, this means that the control point is not compatible: the Chronis Smart RTS cannot be linked to the product.



6.3.2 Adding the Chronis Smart RTS

- Switch the mains power supply back on or reconnect the battery to the motor.
- Press the PROG button (b) on the original control point until the product moves briefly (or a series of 3 beeps is emitted): the programming function is activated for approximately 2 minutes.
- Take the new Chronis Smart RTS.
- Briefly press the PROG button (H) on the new Chronis Smart RTS:
 - ▶ "PROG" is displayed on the Chronis Smart RTS screen.
 - ▶ The product will make another brief movement (or emit a series of 8 beeps) to indicate that the new Chronis Smart RTS has been stored.
- Press the down button on the new Chronis Smart RTS:
 - ▶ If the product is lowered, the Chronis Smart RTS is operational.
 - ▶ If the product does not move, contact the Somfy assistance service.
- Replace the original control point front cover:
 - Insert the mounting lugs into their notches on one side of the front cover.
 - Press on the other side until it clicks, to fix the front cover in its bracket.



6.4 Timer

Caution! If the original timer is linked to several products, the new Chronis Smart RTS, once added, will also be linked to all of these products. It may, therefore, replace it.

If the new Chronis Smart RTS is to control any products not already controlled by the original timer, use the individual control point linked to each product to add the Chronis Smart RTS.

Move close to the product to install the Chronis Smart RTS.

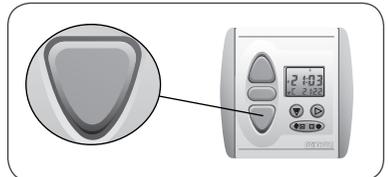
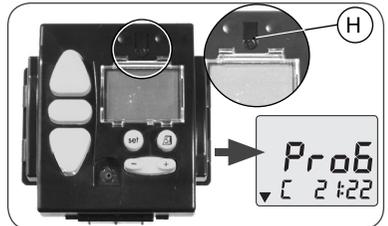
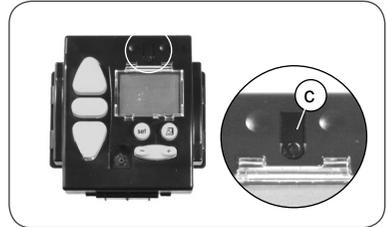
6.4.1 Checking the compatibility

- Bring the product to the midway position.
- Cut off the mains power supply or detach the battery connected to the motor (e.g. for a battery operated roller blind).
- Remove the front cover:
 - Lever it with a flat, pointed tool (such as a flat-head screwdriver), without using force, around the upper section of the front cover to detach it from its mounting.
 - The PROG button is located on top of the screen and is shaped like a tab (c).

Caution! If after removing the front cover, no PROG button is found, this means that the control point is not compatible: the Chronis Smart RTS cannot be linked to the product.

6.4.2 Adding the Chronis Smart RTS

- Switch the mains power supply back on or reconnect the battery to the motor.
- Press the tab (c) on the original timer until the product moves briefly (or emits a series of 3 beeps): the programming function is activated for approximately 2 minutes.
- Take the new Chronis Smart RTS.
- Briefly press the PROG button (H) on the new Chronis Smart RTS:
 - ▶ “PROG” is displayed on the Chronis Smart RTS screen.
 - ▶ The product will make another brief movement (or emit a series of 8 beeps) to indicate that the new Chronis Smart RTS has been stored.
- Press the down button on the new Chronis Smart RTS:
 - ▶ If the product is lowered, the Chronis Smart RTS is operational.
 - ▶ If the product does not move, contact the Somfy assistance service.
- If the original timer must be deleted, go to paragraph 6.4.3 “Deleting the original timer”.
- If the original timer is to be kept, refit the front cover:
 - Insert the front cover on its bracket, allowing the buttons to come through their housings.
 - Press the front until it clicks, to fix the front cover in its bracket.



6.4.3 Deleting the original timer (optional)

Recommended: Only follow this procedure if use of the original timer is no longer required.

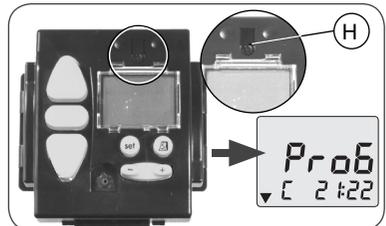
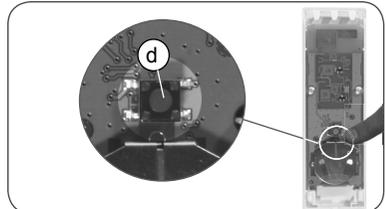
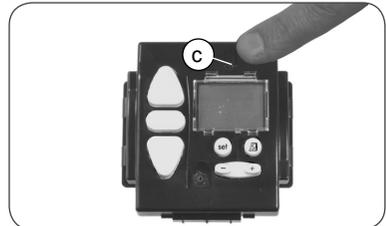
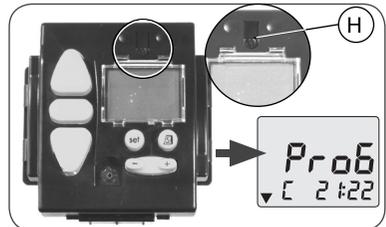
- Wait 5 minutes.
- Take the new Chronis Smart RTS.
- Press the PROG button (H) on the new Chronis Smart RTS until the product moves briefly (or emits a series of 3 beeps): the programming function is activated for approximately 2 minutes.
- On the original timer, briefly press the tab (c): the product will make a brief movement (or emit a series of 8 beeps) to indicate that the original timer has been deleted.
- Press the down button on the original timer: the product does not move.
- Press the down button on the new Chronis Smart RTS:
 - ▶ If the product is lowered, the Chronis Smart RTS is operational.
 - ▶ If the product does not move, contact the Somfy assistance service.
- Remove the original timer.

Do not dispose of the original timer with the household waste, see paragraph 2.3.

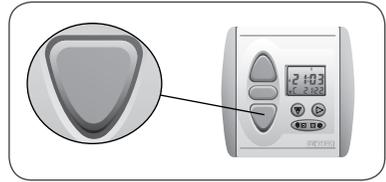
6.5 Situo control point

Move close to the product to install the Chronis Smart RTS.

- Bring the product to the midway position.
- Remove the front cover from the Situo:
 - Gently remove the front cover with a flat, pointed tool (such as a flathead screwdriver) around the lower section.
 - Lever it and lift the cover, without using force, to detach the mounting lugs from the front cover.
 - Turn the front cover over: the PROG button is located next to the battery (d).
- Press the PROG button (d) on the Situo until the product moves briefly (or a series of 3 beeps is emitted): the programming function is activated for approximately 2 minutes.
- Take the new Chronis Smart RTS.
- Briefly press the PROG button (H) on the new Chronis Smart RTS:
 - ▶ "PROG" is displayed on the Chronis Smart RTS screen.
 - ▶ The product will make another brief movement (or emit a series of 8 beeps) to indicate that the new Chronis Smart RTS has been stored.



- Press the down button on the new Chronis Smart RTS:
 - ▶ If the product is lowered, the Chronis Smart RTS is operational.
 - ▶ If the product does not move, contact the Somfy assistance service.
- Replace the Situø front cover:
 - Insert the mounting lugs in their notches.
 - Press the lower section until it clicks, to fix the front cover in its bracket.



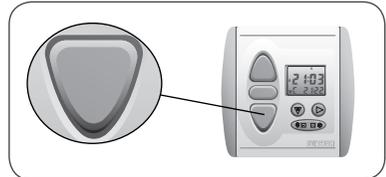
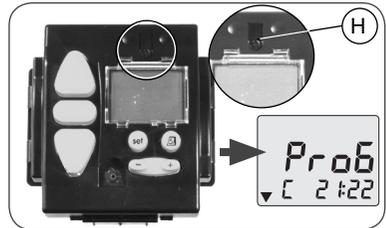
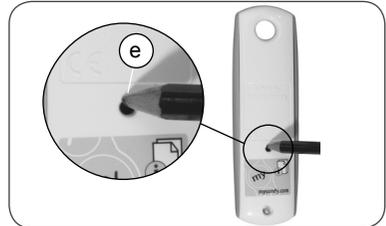
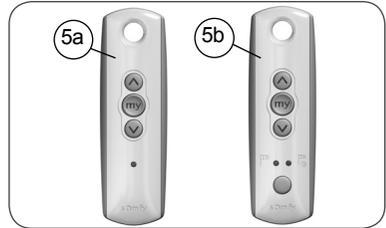
6.6 Telis 1 RTS/Telis Soliris RTS remote controls

The Telis 1 RTS has 1 indicator light (5a) and the Telis Soliris RTS has 2 indicator lights (5b).

If the original remote control has more than 2 indicator lights, refer to the section "Telis 4 RTS/Telis 4 Soliris RTS remote controls".

Move close to the product to install the Chronis Smart RTS.

- Bring the product to the midway position.
- Turn the original Telis over: the PROG button (e) is located on the rear panel.
- Press the PROG button (e) with the tip of a pencil until the product moves briefly (or a series of 3 beeps is emitted): the programming function is activated for approximately 2 minutes.
- Take the new Chronis Smart RTS.
- Briefly press the PROG button (H) on the new Chronis Smart RTS:
 - ▶ "PROG" is displayed on the Chronis Smart RTS screen.
 - ▶ The product will make another brief movement (or emit a series of 8 beeps) to indicate that the new Chronis Smart RTS has been stored.
- Press the down button on the new Chronis Smart RTS:
 - ▶ If the product is lowered, the Chronis Smart RTS is operational.
 - ▶ If the product does not move, contact the Somfy assistance service.

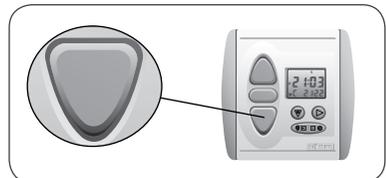
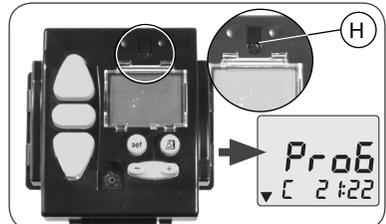
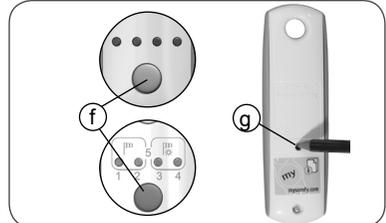
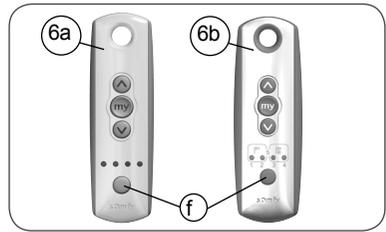


6.7 Telis 4 RTS/Telis 4 Soliris RTS remote controls

The Telis 4 RTS (6a) and Telis 4 Soliris RTS (6b) have 4 indicator lights.

Move close to the product to install the Chronis Smart RTS.

- On the original Telis, select the indicator light which controls the product only, with button (f).
- Bring the product to the midway position.
- Turn the original Telis over: the PROG button (g) is located on the rear panel.
- Press the PROG button (g) with the tip of a pencil until the product moves briefly (or a series of 3 beeps is emitted): the programming function is activated for approximately 2 minutes.
- Take the new Chronis Smart RTS.
- Briefly press the PROG button (H) on the new Chronis Smart RTS:
 - ▶ “PROG” is displayed on the Chronis Smart RTS screen.
 - ▶ The product will make another brief movement (or emit a series of 8 beeps) to indicate that the Chronis Smart RTS has been stored.
- Press the down button on the new Chronis Smart RTS:
 - ▶ If the product is lowered, the Chronis Smart RTS is operational.
 - ▶ If the product does not move, contact the Somfy assistance service.



7. Replacing a lost or broken control point

If the original control point is lost or broken, there are two possible situations:

- the lost or broken control point is the only control point for the product,
- the lost or broken control point is not the only one which controls the product.

7.1 Sole control point lost or broken

Contact the Somfy assistance service so they can provide guidance for the replacement of the sole lost or broken control point.

7.2 One lost or broken control point amongst others

- Find one of the control points linked to the product.
- Follow the steps described in the section entitled “Adding the Chronis Smart RTS” according to the original control point model.

Caution! If, after having followed this operation, there is not a brief movement (or a series of beeps) from the product, contact the Somfy assistance service so they can provide guidance for the replacement.

8. Mounting the Chronis Smart RTS

8.1 Before mounting the Chronis Smart RTS

Before mounting the Chronis Smart RTS, select a location for mounting and check that the Chronis Smart RTS is able to control all products to which it is linked from this location.

The minimum distance which must be kept between RTS enabled products is 30 cm (e.g. 30 cm between any RTS control points and/or between any control point and any motor).

Caution! Do not mount the Chronis Smart RTS on a metal surface.

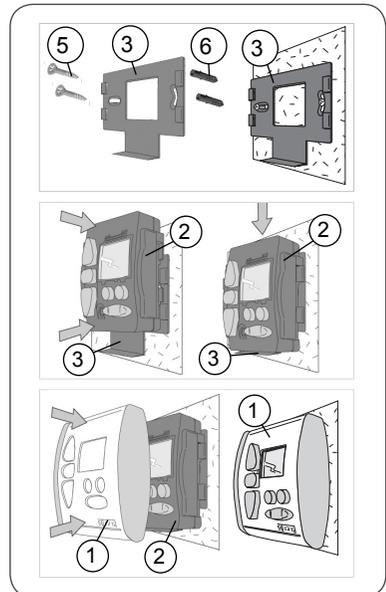
- Select a central location indoors in relation to the position of the linked products.
- Place the Chronis Smart RTS against the wall at the selected location.
- Press the down button (C) to check that the Chronis Smart RTS controls all products:
 - ▶ If all the products are lowered, the Chronis Smart RTS may be mounted in this location.
 - ▶ If one or more products do not move, move the Chronis Smart RTS and check the operation. If it still does not work, refer to “Problems with the Chronis Smart RTS?”.

8.2 Mounting and fitting

- Mount the wall bracket (3):
 - Place the bracket against the wall with the retaining bracket at the bottom.
 - Mark the two holes with a pencil.
 - ▶ The two holes must be 50 mm apart and horizontally aligned.
 - Drill the two holes.
 - Insert the two plugs (6).
- Mount the wall bracket (3) using the two screws (5).

Caution! If the screws provided are lost, do not use roundhead screws. Only use flathead screws with a diameter of 6 mm.

- Place the timer (2) on the wall bracket (3), with the screen located above the Menu  and Sub-menu  buttons:
 - Slide the timer downwards, into the guide rails until it reaches the retaining plate.
- Remove the protective film from the screen.
- Fit the front cover (1):
 - Insert the front cover on the timer, allowing the buttons to come through their housings.
 - Press the front cover until it clicks, indicating that the front cover is correctly fitted to the timer.



9. Everyday use of the Chronis Smart RTS

9.1 How does the Chronis Smart RTS operate?

The Chronis Smart RTS has 3 distinct operating modes:

- Program Timer mode,
- Mode without Program Timer
- Vacation mode.

9.1.1 Program Timer Mode

In Program Timer mode, the Chronis Smart RTS automatically opens and closes the products daily according to the pre-programmed times.

By default, opening is set to 07:30 during the week and 08:00 on weekends. Closing is set for sunset (Cosmic mode).

9.1.2 Mode without Program Timer

In this mode, the Chronis Smart RTS is used as a control point with Up/STOP/Down buttons. Automatic control of the products is deactivated.

Caution: The Chronis Smart RTS only operates in manual mode and all program timer functions are inhibited.

9.1.3 Vacation Mode

In Vacation mode, the Chronis Smart RTS simulates occupancy by randomly changing the programmed opening and closing times.

9.1.4 Standard display

After setting the date and time on the Chronis Smart RTS, the standard display provides the following information:

I. Daylight saving time (S) / Winter time (W)

J. Number of the current day:

- 1 = Monday, 2 = Tuesday,
3 = Wednesday, 4 = Thursday,
5 = Friday, 6 = Saturday, 7 = Sunday

K. Time

L. Time of the next movement programmed for the product

M. Closing mode:

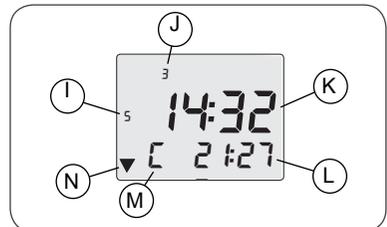
“Cosmic” (C)

“Program Timer” (H)

N. Direction of the next movement programmed for the product:

Down (▼)

Up (▲)



9.2 Operating

- In Program Timer mode, the Chronis Smart RTS controls the automatic opening and closing of the product at specific times of the day.
- It is still possible to control products outside the programmed times by pressing the Up (A), Stop/Favourite position (B), or Down (C) buttons.

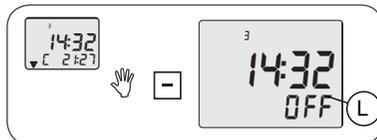
Caution: Pressing one of these buttons controls the movement of all products linked to the Chronis Smart RTS at the same time.

9.2.1 Deactivating/Activating the Program Timer Mode

By default, the Chronis Smart RTS operates in Program Timer mode.

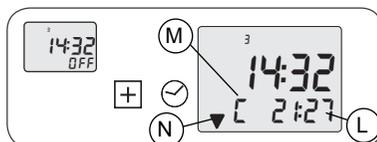
Deactivating the Program Timer

- On the standard display, press the “MODE”  button until “OFF” is displayed instead of the time of the next programmed movement for the product (L).



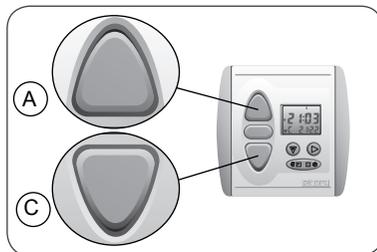
Activating the program timer

- On the standard display showing “OFF”, press the “Mode”   button until the display of the next programmed movement for the product (L) is shown.
- ▶ Information on the direction of the next movement of the product (N) and the closing mode (M) are displayed.



9.2.2 Up and Down Buttons (for shutters)

- Press the Up button (A): all linked products are raised and automatically stop in the raised/open position.
- Press the down button (C): all linked products are lowered and automatically stop in the lowered/closed position.
- To move from the up to the down direction (and vice versa), it is not necessary to press the Stop button (B).



Operating mode for venetian blinds

The default operation for the Chronis Smart RTS is standard and is intended for roller shutters in particular.

To enable the adjustable slats on venetian blinds (interior or exterior) to be controlled, a parameter must be changed. For further information on this function, visit Somfy's website (the address may be found on the back of this guide).

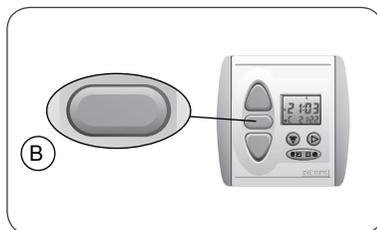
9.2.3 Stop Button

The Stop button (B) has two functions:

- A Stop function: briefly pressing the Stop button stops movement of the linked products.
- A favourite position function: briefly pressing the Stop button sends the linked products to the favourite position, if a favourite position has been stored and if the product is stationary.

For further information on the favourite position function, visit Somfy's website at the following address:

<http://www.somfy.com/mysomfy/>



9.2.4 Displaying the date

After the date and time have been set on the Chronis Smart RTS, the date may be viewed at any moment:

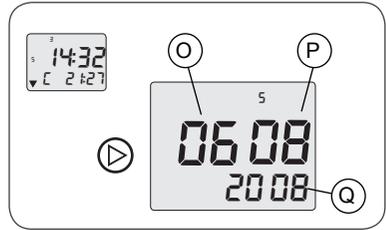
- Press the Sub-menu button :

O. Day

P. Month

Q. Year.

- ▶ The standard display will reappear on the screen after approximately 3 seconds.
- ▶ This function is available even when the program timer mode has been deactivated.



9.3 Replacing the batteries

Environmental warning! Do not dispose of the used batteries with the household waste, see paragraph 2.3.

- Remove the front panel (1) from the Chronis Smart RTS:

- Lever it with a flat, pointed tool (such as a flathead screwdriver), without using force, around the upper section of the front cover to remove it.

- Slide the timer (2) upwards to release it from the wall bracket (3).

- Turn the timer over (2).

- Remove the used batteries from their housings (4).

- Insert batteries with identical specifications, placing the + in the direction indicated on the base of the housing.

- Replace the timer (2) on the wall bracket (3), with the screen located above the Menu  and Sub-menu  buttons:

- Slide the timer downwards, into the guide rails until it reaches the retaining plate.

- Refit the front cover:

- Insert the front cover on the timer, allowing the buttons to come through their housings.
- Fit the front cover by pressing it until it clicks.

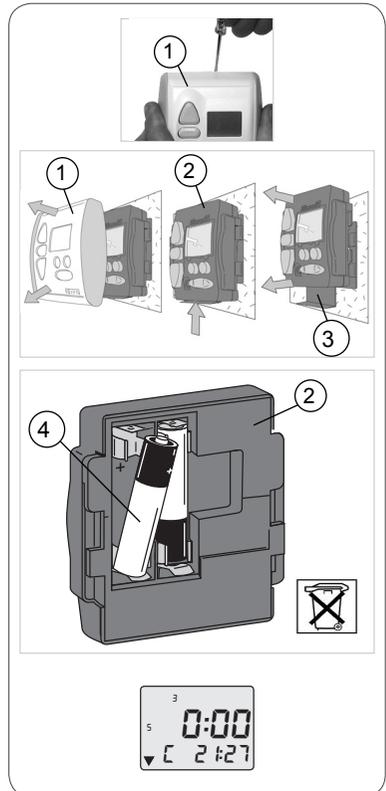
- If the standard display is shown on the screen, the battery has been replaced correctly.

- ▶ The time display "0.00" flashes: set the time and date (see paragraph 5.2 "Setting the current time and date").

Caution: After replacing the batteries, the time and date must be reset; other programmed parameters will be retained in the memory.

- If nothing appears on the screen:

- Refer to "Problems with the Chronis Smart RTS?".



9.4 Maintenance

- Clean the Chronis Smart RTS with a damp cloth using a multi-purpose household or glass cleaning product.

- Never immerse or soak the Chronis Smart RTS in any liquid.

10. Customising the programs

10.1 Programs available

10.1.1 Introduction to the programs

To use the Chronis Smart RTS in Program Timer mode, there are different types of programs available which can be configured:

Opening the products:

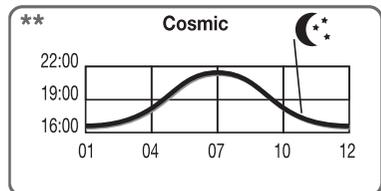
- at the same set time during the week - see paragraph 10.3.1,
- at a different set time depending on the day of the week - see paragraph 10.3.2,
- deactivated during the week - see paragraph 10.3.3,
- deactivated for one or more days during the week - see paragraph 10.3.4,
- based on the same set time every day or different depending on the day of the week with a maximum random difference of + or -15 minutes controlled by the vacation mode - see paragraph 10.5.1,

Closing the products:

- based on the "Cosmic" mode during the week - see "What is the Cosmic mode?" for further information - with the possibility of delaying or bringing forward the pre-set time by + or - 1:59 - see paragraphs 10.4.1 and 10.4.2
- at the same set time during the week - see paragraph 10.4.3,
- at a different set time depending on the day of the week - see paragraph 10.4.4,
- deactivated during the week - see paragraph 10.4.5,
- deactivated for one or more days during the week - see paragraph 10.4.6,
- based on the same set time every day or different depending on the day of the week, with a maximum random difference of + or - 15 minutes controlled by the vacation mode - see paragraph 10.5.1.

What is the "Cosmic" mode:

- The "Cosmic" mode is programmed to coincide with nightfall, between 16:30 and 21:30 depending on the date (see diagram opposite).
- The pre-set time in the "Cosmic" mode varies daily in order to adapt to the length of the day in this part of the world (Europe).
- The "Cosmic" mode only applies to a full week.
- A time difference of between + or - 1:59 can be configured in relation to the pre-set time.



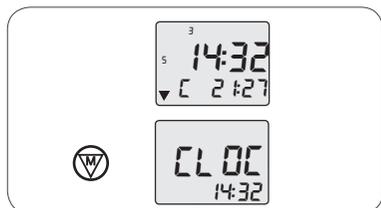
10.1.2 Pre-programming

During commissioning, the Chronis Smart RTS is in Program Timer mode and is pre-programmed to control:

- Opening the product in the morning at a set time which may be different depending on the day of the week:
 - from Monday to Friday at 07:30,
 - on weekends at 08:00.
- Closing the products in the evening:
 - based on the "Cosmic" mode,
 - difference of 30 minutes.

10.2 How to browse within programs?

- On the standard display, press the menu button  until "CLOC" is displayed:
 - ▶ The standard display will automatically reappear after approximately 20 seconds if the buttons have not been pressed.



- Each time the Menu button  is pressed, a different program is displayed:
 - "CLOC": setting the current time (see paragraph 5.2)
 - "DATE": setting the date (see paragraph 5.2)
 - "UP": setting the automatic opening time for the products (see paragraph 10.3)
 - "DN": setting the automatic closing time for the products (see paragraph 10.4).
- Press the Menu button  several times to return to the standard display.

10.3 Automatic opening time

This section describes the programs which enable the products to be automatically opened daily.

10.3.1 The same time every day of the week

This program enables the product to be opened automatically at the same set time during the week.

- On the standard display, press the menu  until "CLOC" is displayed.
- Press the Menu button  several times to select the "Opening time" parameter:
 - ▶ "UP" is displayed.
- Press the Sub-menu button :
 - ▶ All days of the week "1234567" flash.
 - ▶ The programmed time flashes.
- Press the   button to set the time:
 - ▶ The opening time is changed for all days of the week.

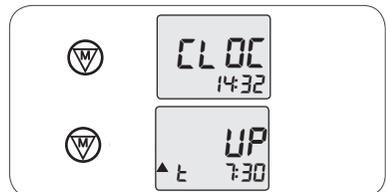
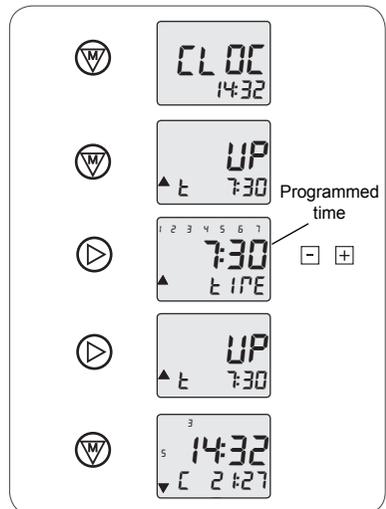
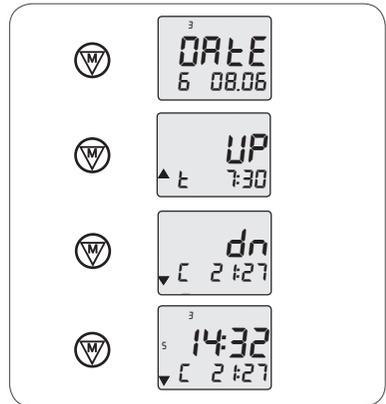
Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button  several times to return to the "UP" display and confirm the settings.
 - ▶ The programmed time is displayed.
 - ▶ "H" is displayed: opening is programmed in "program timer" mode.
- Press the Menu button  to return to the standard display.

10.3.2 A different time every day of the week

This program enables the product to be opened automatically at a different set time depending on the day of the week.

- On the standard display, press the menu  button until "CLOC" is displayed.
- Press the Menu button  several times to select the "Opening time" parameter:
 - ▶ "UP" is displayed.



- Press the Sub-menu button :
 - ▶ All days of the week “1234567” flash.
 - ▶ The programmed time flashes.
- Press the Sub-menu button  to select the day of the week for which the opening time is to be changed, for example, Tuesday:
 - ▶ Number “1” (which corresponds to Monday) flashes.
 - ▶ The programmed time flashes.
 - ▶ EACH time the Sub-menu button  is pressed briefly, the number of the following day flashes as well as the time, which can then be set.
 - ▶ Number “2” (Tuesday) flashes.
 - ▶ The programmed time flashes.
- Press the  button to set the specific time for the selected day.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button  several times to return to the “UP” display and confirm the settings.
 - ▶ The programmed time for the current day is displayed.
 - ▶ “H” is displayed: opening is programmed in “program timer” mode.
- Press the Menu button  to return to the standard display.

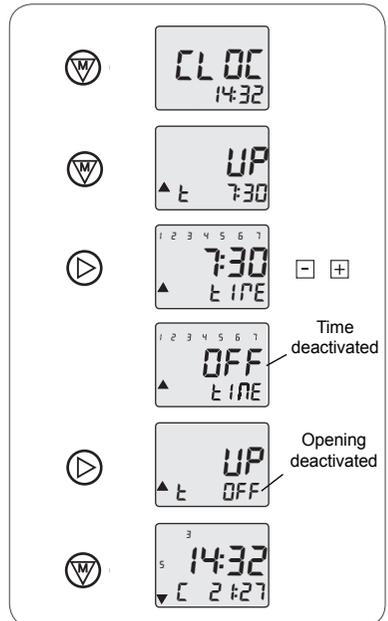
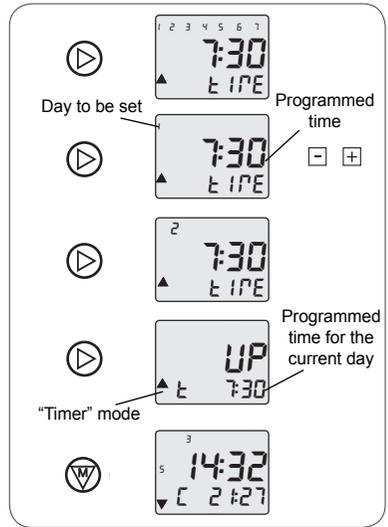
10.3.3 No automatic opening for the week

This program enables automatic opening of the product to be deactivated for the week.

- On the standard display, press the menu  button until “CLOC” is displayed.
- Press the Menu button  several times to select the “Opening time” parameter:
 - ▶ “UP” is displayed.
- Press the Sub-menu button :
 - ▶ All days of the week “1234567” flash.
 - ▶ The programmed time flashes.
- Press the  button to set the time between 23:59 and 00:00:
 - ▶ “OFF” is displayed.
 - ▶ Automatic opening of the product has been deactivated for all days of the week.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button  several times to return to the “UP” display and confirm the settings.
 - ▶ “OFF” is displayed instead of the time.
- Press the Menu button  to return to the standard display.



10.3.4 No automatic opening on certain days of the week

This program enables automatic opening of the product to be deactivated for certain days of the week.

- On the standard display, press the menu  button until "CLOC" is displayed.
- Press the Menu button  several times to select the "Opening time" parameter:
 - ▶ "UP" is displayed.
- Press the Sub-menu button :
 - ▶ All days of the week "1234567" flash.
 - ▶ The programmed time flashes.
- Press the Sub-menu button  to select the day of the week for which automatic opening is to be deactivated, for example, Tuesday:
 - ▶ Number "1" (which corresponds to Monday) flashes.
 - ▶ The programmed time flashes.
 - ▶ EACH time the Sub-menu button  is pressed briefly, the number of the following day flashes as well as the time, which can then be set.
 - ▶ Number "2" (which corresponds to Tuesday) flashes.
 - ▶ The programmed time flashes.
- Press the   button to set the time between 23:59 and 00:00:
 - ▶ "OFF" is displayed.
 - ▶ Automatic opening of the product is deactivated for that day.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button  several times to return to the "UP" display and confirm the settings.
 - ▶ The programmed time for the current day is displayed.
- Press the Menu button  to return to the standard display.

10.4 Automatic closing time

This section describes the programs which enable the products to be automatically closed daily.

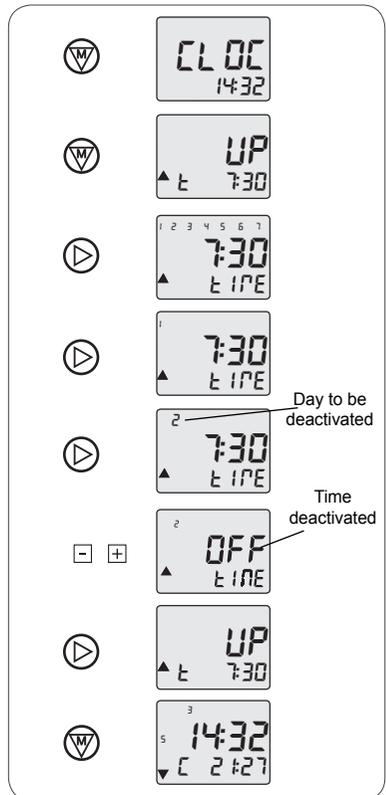
10.4.1 "Cosmic" mode

This program enables the products to be automatically closed in "Cosmic" mode.

The pre-set times for the "Cosmic" mode vary on a daily basis to coincide with nightfall, between 16:30 and 21:30 depending on the date.

The "Cosmic" mode only applies to a full week.

- On the standard display, press the menu  button until "CLOC" is displayed.



- Press the Menu button (Ⓜ) several times to select the "Closing time" parameter:

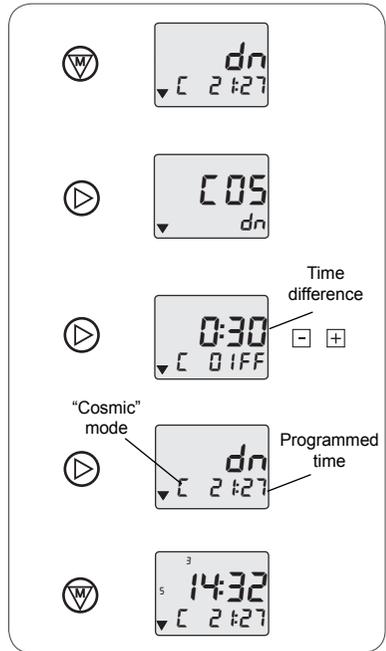
- ▶ "dn" is displayed.

Caution: The closing time may be set following setting of the opening time. FROM the "UP" display, press the Menu button (Ⓜ) to display "dn".

- Press the Sub-menu button (⏪):
 - ▶ "COS" flashes, "Cosmic" mode is activated.
- If "tlmE" flashes, "program timer" mode is activated:
 - Press the (+) button to switch to "Cosmic" mode.
- Press the Sub-menu button (⏪) again:
 - ▶ The time difference in relation to time pre-set for the "Cosmic" mode flashes.
- Press the (-) (+) button to set the time difference to 0:00.
 - ▶ Automatic closing is set to "Cosmic" mode for the week.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button (⏪) to return to the "dn" display and confirm the settings.
 - ▶ The programmed time for the current day is displayed.
 - ▶ «C» is displayed: closing is programmed in "Cosmic" mode.
- Press the Menu button (Ⓜ) to return to the standard display.



10.4.2 "Cosmic" mode with programmed time difference

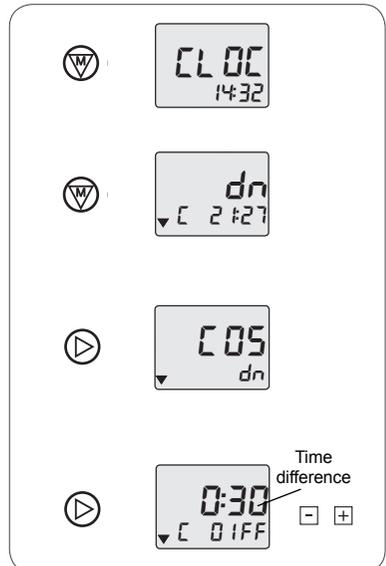
This program enables the product to be automatically closed in "Cosmic" mode with a time difference in relation to the pre-set time.

The "Cosmic" mode only applies to a full week, so the programmed time difference will be applied to every day of the week.

- On the standard display, press the menu (Ⓜ) button until "CLOC" is displayed.
- Press the Menu button (Ⓜ) several times to select the "Closing time" parameter:
 - ▶ "dn" is displayed.

Caution: The closing time may be set following setting of the opening time. From the "UP" display, press the Menu button (Ⓜ) to display "dn".

- Press the Sub-menu button (⏪):
 - ▶ "COS" flashes, "Cosmic" mode is activated.
- If "tlmE" flashes, "program timer" mode is activated:
 - Press the (+) button to switch to "Cosmic" mode.
- Press the Sub-menu button (⏪) again:
 - ▶ The time difference in relation to time pre-set for the "Cosmic" mode flashes.
- Press the (-) (+) button to set the time difference:
 - ▶ It should be between -1:59 and 1:59.
 - ▶ A negative value means that automatic closing will take place earlier than the pre-set time in the

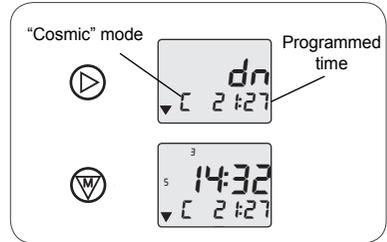


“Cosmic” mode.

- ▶ A positive value means that automatic closing will take place later than the pre-set time in the “Cosmic” mode.
- ▶ For example, on a day when the “Cosmic” mode is set for automatic closing at 19:00: if the time difference is set to “- 0:45”, the product will be closed at 18:15, and if the time difference is set to “1:20”, the product will be closed at 20:20.
- ▶ Automatic closing is set in the “Cosmic” mode with an identical time difference for every day of the week.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button  to return to the “dn” display and confirm the settings.
 - ▶ The programmed time for the current day is displayed.
 - ▶ “C” is displayed: closing is programmed in “Cosmic” mode.
- Press the Menu button  to return to the standard display.



10.4.3 The same time every day of the week

This program enables the product to be closed automatically at the same set time during the week.

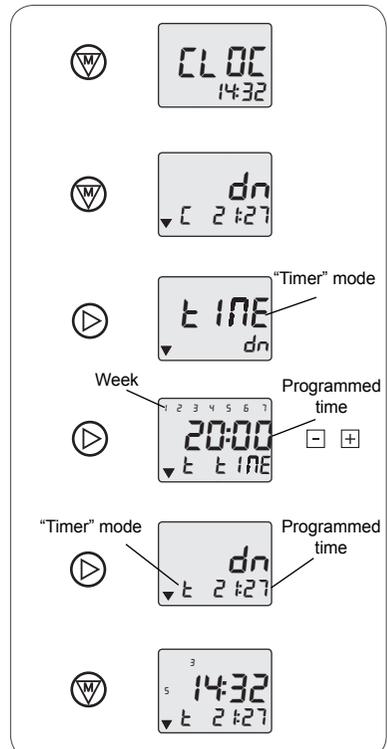
- On the standard display, press the menu  button until “CLOC” is displayed.
- Press the Menu button  several times to select the “Closing time” parameter:
 - ▶ “dn” is displayed.

Caution: The closing time may be set following setting of the opening time. FROM the “UP” display, press the Menu button  to display “dn”.

- Press the Sub-menu button :
 - ▶ “tlmE” flashes, “program timer” mode is activated.
- If “COS” flashes, “Cosmic” mode is activated:
 - Press the  button to switch to “program timer” mode.
- Press the Sub-menu  button again:
 - ▶ All days of the week “1234567” flash.
 - ▶ The programmed time flashes.
- Press the   button to set the time:
 - ▶ The closing time is changed for all days of the week.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu  button several times to return to the “dn” display and confirm the settings.
 - ▶ The programmed time is displayed.
 - ▶ “H” is displayed: closing is programmed in “program timer” mode.
- Press the Menu button  to return to the standard display.



10.4.4 A different time every day of the week

This program enables the products to be closed automatically at a different set time depending on the day of the week.

Caution: If automatic closing is set to “program timer” mode for one or more days, the rest of the week cannot be set to use the “Cosmic” mode but may only use the “program timer” mode.

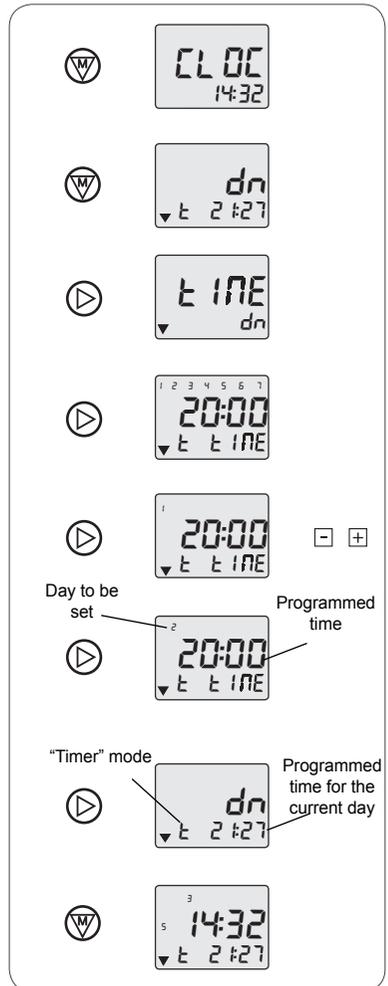
- On the standard display, press the menu  button until “CLOC” is displayed.
- Press the Menu button  several times to select the “Closing time” parameter:
 - ▶ “dn” is displayed.

Caution: The closing time may be set following setting of the opening time. FROM the “UP” display, press the Menu button  to display “dn”.

- Press the Sub-menu button :
 - ▶ “tImE” flashes, “program timer” mode is activated.
- If “COS” flashes, “Cosmic” mode is activated:
 - Press the  button to switch to “program timer” mode.
- Press the Sub-menu button  button again:
 - ▶ All days of the week “1234567” flash.
 - ▶ The programmed time flashes.
- Press the Sub-menu button  to select the day of the week for which the closing time is to be changed, for example, Tuesday:
 - ▶ Number “1” (which corresponds to Monday) flashes.
 - ▶ The programmed time flashes.
 - ▶ EACH time the Sub-menu button  is pressed briefly, the number of the following day flashes as well as the time, which can then be set.
 - ▶ Number “2” (Tuesday) flashes.
 - ▶ The programmed time flashes.
- Press the  button to set the specific time for the selected day.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button  several times to return to the “dn” display and confirm the settings.
 - ▶ The programmed time for the current day is displayed.
 - ▶ “H” is displayed: closing is programmed in “program timer” mode.
- Press the Menu button  to return to the standard display.



10.4.5 No automatic opening for the week

This program enables automatic closing of the product to be deactivated for the week.

- On the standard display, press the menu (W) button until "CLOC" is displayed.
- Press the Menu button (W) several times to select the "Closing time" parameter:
 - ▶ "dn" is displayed.

Caution: The closing time may be set following setting of the opening time. FROM the "UP" display, press the Menu button (W) to display "dn".

- Press the Sub-menu button (P):
 - ▶ "tImE" flashes, "program timer" mode is activated.
- If "COS" flashes, "Cosmic" mode is activated:
 - Press the [] button to switch to "program timer" mode.
- Press the Sub-menu button (P) again:
 - ▶ All days of the week "1234567" flash.
 - ▶ The programmed time flashes.
- Press the [] [+] button to set the time between 23:59 and 00:00:
 - ▶ "OFF" is displayed.
 - ▶ Automatic closing of the product has been deactivated for all days of the week.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button (P) several times to return to the "dn" display and confirm the settings.
 - ▶ "OFF" is displayed instead of the time.
- Press the Menu button (W) to return to the standard display.

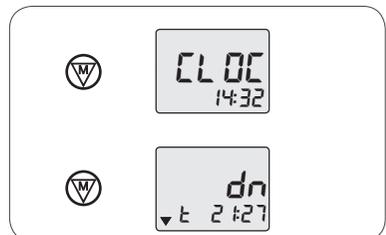
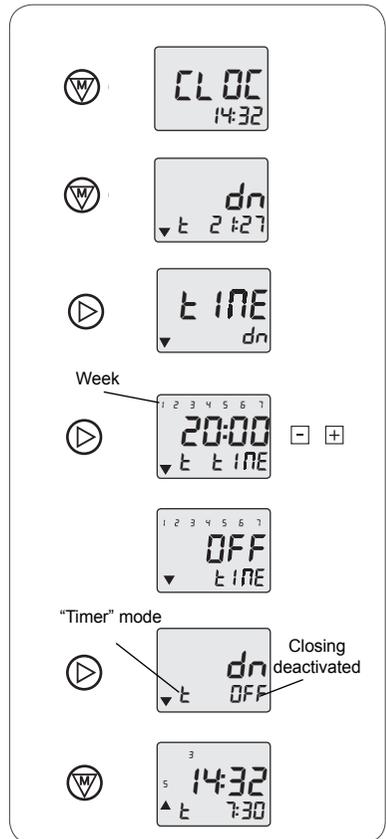
10.4.6 No automatic closing on certain days of the week

This program enables automatic closing of the product to be deactivated for certain days of the week.

Caution: If automatic closing is deactivated for one or more days, the rest of the week cannot be set to use the "Cosmic" mode but may only use the "program timer" mode.

- On the standard display, press the menu (W) button until "CLOC" is displayed.
- Press the Menu button (W) several times to select the "Closing time" parameter:
 - ▶ "DN" is displayed.

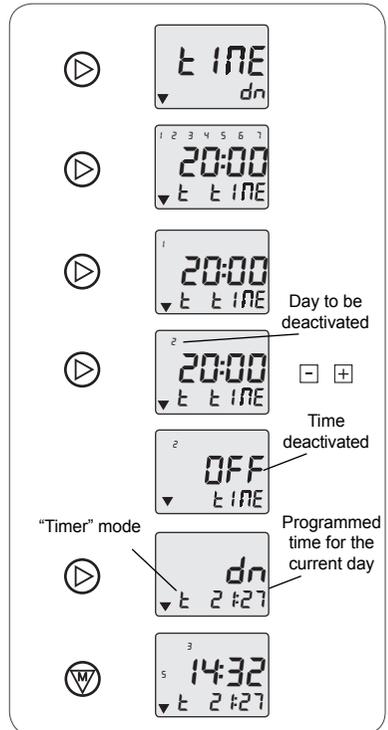
Caution: The closing time may be set following setting of the opening time. FROM the "UP" display, press the Menu button (W) to display "dn".



- Press the Sub-menu button :
 - ▶ “tME” flashes, “program timer” mode is activated.
- If “COS” flashes, “Cosmic” mode is activated:
 - Press the  button to switch to “program timer” mode.
- Press the Sub-menu button  again:
 - ▶ All days of the week “1234567” flash.
 - ▶ The programmed time flashes.
- Press the Sub-menu button  to select the day of the week for which automatic opening is to be deactivated, for example, Tuesday:
 - ▶ Number “1” (which corresponds to Monday) flashes.
 - ▶ The programmed time flashes.
 - ▶ EACH time the Sub-menu button  is pressed briefly, the number of the following day flashes as well as the time, which can then be set.
 - ▶ Number “2” (which corresponds to Tuesday) flashes.
 - ▶ The programmed time flashes.
- Press the  button to set the time between 23:59 and 00:00:
 - ▶ “OFF” is displayed.
 - ▶ Automatic closing for the product is deactivated for that day.

Note: Once time has been changed, the Chronis Smart RTS remembers the change, even if the sub menu button is not used to confirm, so if an incorrect time has been entered, the process must be started again.

- Press the Sub-menu button  several times to return to the “dn” display and confirm the settings.
 - ▶ The programmed time for the current day is displayed.
- Press the Menu button  to return to the standard display.



10.5 Vacation mode

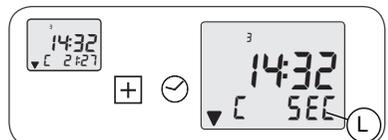
A vacation mode function, known as the Safety mode, is available on the Chronis Smart RTS.

This function enables occupancy of the house to be simulated when the residents are out, away for the weekend or on holiday. It changes the programmed opening and closing times randomly with a maximum variation of + or - 15 minutes.

This function can only be activated when the Chronis Smart RTS is in program timer mode.

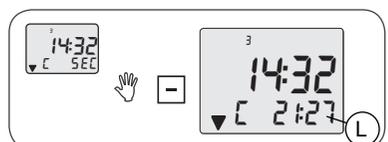
10.5.1 Activation

- On the standard display, press the «mode» button   until “sec” is displayed.
 - ▶ “sec” is displayed instead of the time of the next programmed movement of the product (L).



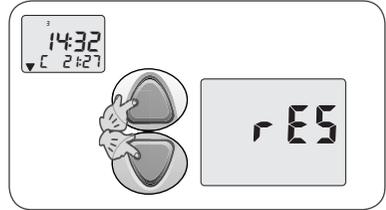
10.5.2 Deactivation

- On the standard display showing «sec», press the “mode” button   until the display reverts to the next programmed movement for the product (L), instead of “sec”.



10.6 Cancelling customised settings

- To find the pre-set program for the Chronis Smart RTS after having customised the settings and to return to the default automatic opening and closing times:
 - ON the standard display, press and hold the up button (A) and down button (C) at the same time, until "rES" is displayed».
 - ▶ All customised settings for the opening and closing times have been cleared.
 - ▶ The Chronis Smart RTS is now operating using the pre-set program (see paragraph 10.1.2).



11. Problems with the Chronis Smart RTS?

Problem	Possible causes	Solutions
The product does not move after pressing a button on the Chronis Smart RTS.	The Chronis Smart RTS battery is weak.	Replace the battery with a battery having identical specifications - see the paragraph: "Replacing the battery".
	The Chronis Smart is not linked to this product.	Link the Chronis Smart to the product - see the paragraph: "Adding the Chronis Smart RTS".
There is nothing displayed on the Chronis Smart RTS screen.	The Chronis Smart RTS battery is weak.	Replace the battery with a battery having identical specifications - see the paragraph: "Replacing the battery".
The product does not make a brief movement or does not emit any beeps.		Contact the Somfy assistance service.
The new Chronis Smart RTS cannot be used after following the procedure step by step.	The Chronis Smart RTS is too far away from the product(s) to be controlled	Move the Chronis Smart RTS near to the product and press a button. If the Chronis Smart RTS still does not operate, contact Somfy's support service.
	Linking the Chronis Smart RTS failed	Contact the Somfy assistance service.
The Chronis Smart RTS controls another product.	A problem occurred whilst linking the Chronis Smart RTS.	Contact the Somfy assistance service.
The product does not move at the set time.	The program timer mode has been deactivated.	Activate the program timer mode - see the section entitled "Operation".
The product is raised when the Down button is pressed. The product is lowered when the Up button is pressed.	The Chronis Smart RTS is mounted upside down.	Turn the Chronis Smart RTS so that the screen is on the right-hand side of the Up/ Stop/Down buttons.
	The original control point has a single button.	Contact the Somfy assistance service.

For any problems or unresolved questions, please contact the Somfy assistance service on the number given on the back cover of this guide.

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 Somfy hereby declares that this product conforms to the essential requirements and other relevant provisions of Directive 1999/5/CE. A Declaration of Conformity is available at www.somfy.com/ce.

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