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# Movelite™ WireFree RTS

<b>EN</b>	INSTRUCTIONS	<b>PL</b>	INSTRUKCJA
<b>FR</b>	NOTICE	<b>RU</b>	РУКОВОДСТВО
<b>DE</b>	ANLEITUNG	<b>HU</b>	ÚTMUTATÓ
<b>NL</b>	HANDLEIDING	<b>HR</b>	UPUTE
<b>IT</b>	MANUALE	<b>SR</b>	UPUTSTVA
<b>ES</b>	GUÍA	<b>CS</b>	NÁVOD
<b>PT</b>	INSTRUÇÕES	<b>RO</b>	INSTRUCȚIUNI
<b>EL</b>	ΕΓΧΕΙΡΙΔΙΟ	<b>ZH</b>	说明
<b>DA</b>	BRUGSVEJLEDNING	<b>TR</b>	TALIMATLAR
<b>FI</b>	KÄYTTÖOHJE	<b>AR</b>	التعليمات
<b>SV</b>	BRUKSANVISNING		
<b>NO</b>	BRUKSANVISNING		

Ref. 5040946A

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These instructions apply to all Movelite™ WireFree motors, in all torque/speed.

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## 1. PREREQUISITE INFORMATION

### 1.1 FIELDS OF APPLICATION

The Movelite™ WireFree motor is designed to drive all types of curtain track

### 1.2 LIABILITY

Any use outside the scope of application specified by SOMFY is non-compliant. SOMFY cannot be held liable for any such use or failure to observe these instructions, which will also result in warranty being voided. Should any doubt arise during installation of the drive or in order to obtain additional information, please visit the [www.Somfy.com](http://www.Somfy.com) website or refer to your SOMFY contact.

#### IMPORTANT SAFETY INSTRUCTIONS FOR INSTALLATION

**WARNING:** Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury. Please give these instructions to the user after installation. The drive must be installed by an installer who is qualified in motorised systems and domestic automation. The installer must inform the user of the need to arrange maintenance for the motorised unit and its associated accessories. He must specify items that require maintenance, replacement or checking. Ensure that the weight and dimension of the product to be motorised are compatible with the rated torque and rated operating time. These information are available from your Somfy contact.

Use only accessories (Curtain track, brackets, etc.) listed by SOMFY to fit to a unit. Part numbers for accessories are available from your SOMFY contact. Please refer to the SOMFY literature to ascertain the control point(s) compatible with the actuator selected. Fixed controls shall be clearly visible after installation. A suitable multi-pole switching device must be incorporated upstream in the fixed wiring in accordance with the wiring rules. If the supply cord is damaged, it must be replaced by an identical cord. If the cord is not removable, return the drive to after sales department to avoid a hazard.

To reduce the risk of electric shock, this equipment must have a proper grounding. Some Drives versions are supplied with a grounding type plug, that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

The actuating member of a biased-off switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1,5 m and not accessible to the public.

#### IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.

-Your installer should inform you of any maintenance required. Do not allow children to play with fixed controls. Keep remote controls away from children.

Watch the motorised installation while it is moving and keep people away until the motorised installation is fully extended. The drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.

Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Cleaning and user maintenance shall not be made by children without supervision.

Children shall not play with the appliance.

Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.

If the drive is fitted with a manual release, install its actuating member at a height less than 1,8 m.  
LpA ≤70 dB(A).

#### IMPORTANT SAFETY INSTRUCTIONS ON BATTERY PACK

##### ATTENTION!

Improper using battery pack may cause overheat, fire, explosion, resulting in serious injury or death.

- Be certain to follow instructions when charging the battery pack. Battery charging is optimal when exposed to 0 °C to 40 °C.
- Do not disassemble or modify the battery pack.
- Battery Pack should not be exposed to high temperatures (40 °C) or fire.

- Keep the battery pack away from any shock or impact (e.g. falling down from high place)

- Battery should not be exposed to any liquids..

- Should battery pack require replacing, always use Somfy qualified replacement components.

- Please comply with local laws and regulations when discarding used battery pack.

**WARNING:** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.



Safety warning!



Caution!



Information



For the illustration, see page 134.

## 2. INSTALLATION



Instructions which **must** be followed by the drive and home automation professional installing the Movelite™ WireFree motor.

Never drop, knock, drill or submerge the drive.

Install a separate control point for each drive.

### 2.1. INSTALLATION

#### 2.1.1. Installation of the rail (Fig 1)

- 1) Mark the position of the brackets.
- 2) Drill the ceiling or the wall at the right places.
- 3) Attach the brackets.
- 4) Attach the rail on the brackets.

#### 2.1.2. Installation of the motor (Fig 2)

- 1) Unlock the motor
- 2) Insert the motor shaft into the drive pulley hole.
- 3) Lock the motor.

### 2.2. BATTERY PACK INSTALLATION AND CHARGING

#### 2.2.1. Connection of the battery pack to the motor (Fig 3)

1) Insert battery pack till hear a clicks to lock. If battery pack is not weak, motor will emit one "beep" and LED will green blink for several seconds, then motor is ready to work.

If battery pack is weak, motor will emit one "beep" and LED will red blink for several seconds, charge it refer 2.2.2

#### 2.2.2. Charge of the battery pack (Fig 4)



**To ensure electrical safety, this Class III motor must be powered by a «SELV» voltage source (Safety Extra Low Voltage).**

**Do not use any power charger to charge from the top of battery pack**



**The battery level must be below 30% before shipping by air.**

**Use only 5V, <=2A USB charger provided by Somfy to charge the battery pack.**

**See below table for detail.**

**The motor can be used while charging**

References	Type
9025269	USB charger with EU plug
9025764	USB charger with CN plug
9025765	USB charger with US plug
9025766	USB charger with UK plug

- 1) Connect the micro USB to the bottom of battery pack.
- 2) After connecting the power charger to the battery pack, the LED on the battery pack will be red. This is the charging mode.
- 3) When the LED turns green, the charge cycle is complete.  
Disconnect the power charger, and save it for later use.

## 2.3. COMMISSIONING

### 2.3.1. Pre-programming the RTS remote control (Fig 5)

- 1) Connect battery pack to the motor, refer to 2.2.1.
- 2) Press the **Open** and **Close** buttons on the RTS remote control at the same time: The motorised product moves briefly, and the RTS remote control is pre-programmed in the motor.

### 2.3.2. Setting the end limits

At the first command Open or Close, the motorised product make a first run to record the hard stop position.  
If need to adjust end limits, refer 2.4.2

### 2.3.3. Checking the direction of rotation (Fig6)

- 1) Press the **Open** button on the RTS remote control:
    - a) If the motorised product opens (a), the direction of rotation is correct.
    - b) If the motorised product closes (b), the direction of rotation is incorrect: Move onto the next step.
  - 2) Press the **my** button on the RTS remote control until the motorised product moves: The direction of rotation has been modified.
  - 3) Press the **Open** button on the RTS remote control to check the direction of rotation.
- If need to change the direction of rotation, refer 3.4.4

### 2.3.4. Recording the RTS control point (Fig 7)

Press the PROG button on the back of the remote control until the motorised product moves. The remote control address is permanently recorded.

### 2.3.5. Adjusting the Touch motion sensitivity (Fig 8)



Move the motorised product away from the end limits.

- 1) Press the **Open** and **Close** buttons of the RTS remote control simultaneously until the motorised product moves.  
LED is green the motor enter touch motion sensitivity setting mode
- 2) Press the **Open** and **Close** buttons simultaneously until the motorised product moves to switch from high sensitivity, to low sensitivity, to no touch motion, and back to high sensitivity. The LED is on
  - orange LED fast blink for high sensitivity
  - orange LED slow blink for low sensitivity
  - orange LED on for no touch motion
- 3) Press the **my** button until the motorised product moves to confirm the setting.

## 2.4. TIPS AND RECOMMENDATIONS FOR INSTALLATION

### 2.4.1. Questions about the Movelite™ WireFree?

Observations	Possible causes	Solutions
The motorised product does not operate.	The battery pack is weak.	Check whether the battery pack is weak and charge it.
	The remote control battery is weak.	Check whether the battery is weak and replace it if necessary.
	The remote control is not compatible.	Check for compatibility and replace the remote control if necessary.
	The remote control used has not been programmed into the motor.	Use a programmed remote control or program this remote control.

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#### 2.4.2. Re-setting the end limits

##### Readjusting the Open end limit (Fig 9)

- 1) Press the **Open** button to move the motorised product to the end limit to be readjusted.
- 2) Press the **Open** and **Close** buttons of the RTS remote control simultaneously until the motorised product moves. The LED is red.
- 3) Press the **Open** or **Close** button to move the motorised product to the new desired position.
- 4) To confirm the new end limit, press the **my** button until the motorised product moves.

##### Readjusting the Close end limit (Fig 10)

- 1) Press the **Close** button to move the motorised product to the end limit to be readjusted.
- 2) Press the **Open** and **Close** buttons of the RTS remote control simultaneously until the motorised product moves. The LED is red blink.
- 3) Press the **Open** or **Close** button to move the motorised product to the new desired position.
- 4) To confirm the new end limit, press the **my** button until the motorised product moves.

#### 2.4.3. Erasing the control point from the memory of the motor (Fig 11)

This reset deletes all the local remote control, however the end limit settings and favourite position are retained.

To delete all the programmed remote control, use a pin to press and hold the button at bottom of the motor until the motorised product moves twice.  
All the remote controls are deleted.

#### 2.4.4. Erasing the memory of the motor (Fig 12)

This reset deletes all remote control, all the sensors and all the end limit settings, and resets the motor's favourite position (my).

To reset the motor, use a pin to press and hold the button at bottom of the motor until the motorised product moves 3 times.  
All the settings are erased.

## 3. USE AND MAINTENANCE

 This drive is maintenance-free

### 3.1. OPEN AND CLOSE BUTTONS (Fig 13)

Pressing the **Open** or **Close** button fully opens or closes the motorised product.

### 3.2. STOP FUNCTION (Fig 14)

The motorised product is moving.

Briefly press **my**: the motorised product stops automatically.

### 3.3. FAVOURITE POSITION (my) (Fig 15)

The motorised product is stopped.

Briefly press **my**: the motorised product starts to move, and stops in the favourite position (my).

To modify or delete the favourite (my) position, see the section entitled "Additional settings"

### 3.4. ADDITIONAL SETTINGS

#### 3.4.1. Modifying the favourite position (my) (Fig 16)

- 1) Place the motorised product in the desired favourite position (my).
- 2) Press **my** for ≈ 5 seconds until the motorised product moves: the desired favourite position (my) has been programmed.

### 3.4.2. Deleting the favourite position (my) (Fig 17)

- 1) Press my: the motorised product starts to move, and stops in the favourite position (my).
- 2) Press my again until the motorised product moves: the favourite position (my) is deleted.

### 3.4.3. Adding/Deleting Somfy control points (Fig 18)

- 1) Find an RTS remote control programmed in the motor.  
Press & hold the RTS programmed remote control (A) PROG button or the button on the bottom of the motor until the motorised product moves, the motor is in programming mode.
- 2) Quickly press the RTS remote control (B) PROG button to add or delete, the motorised product moves & the RTS remote control (B) is programmed or deleted from the motor.

### 3.4.4. Modifying the motor rotation direction (Fig 19)

Move the motorised product away from the end limits.

- 1) Press the **Open** and **Close** buttons of the RTS remote control simultaneously until the motorised product moves.  
the LED is green or green blink
- 2) Press the **my** button until the motorised product moves to reverse the rotation direction,

### 3.4.5. Low Battery Charge (Indicator)

- 1) Motor will emit one audible "beep" ( one «beep» before motor start to run and another «beep» after the operation )follow operation of Drapery motor.  
Charge battery as per instructions 2.2.2 on previous page (or see Charging the Battery Pack).
- 2) motor will emit one «beep» and LED red fast blink when no battery,  
Charge the battery as per instruction 2.2.2

## 3.5. TIPS AND RECOMMENDATIONS FOR USE

### 3.5.1. Questions about the Movelite™ WireFree?

Observations	Possible causes	Solutions
The motorised product does not operate.	The remote control battery is weak.	Check whether the battery is weak and replace it if necessary.
	The battery pack is weak.	Check whether the battery pack is weak and charge it.

If the motorised product still does not work, contact a motorisation and home automation professional.

### 3.5.2. Replacing a lost or broken Somfy remote control

To replace a lost or broken remote control, contact a Somfy motorisation and home automation professional.

## 4. TECHNICAL DATA

Battery pack nominal voltage	14,8V
Battery pack continuous working current	2A
Radio frequency	433.42 MHz
Operating temperature	0°C to + 60°C
Index protection rating	IP 30
Safety level	Class III
Battery charging temperature	0°C to + 40°C



Somfy hereby declares that the drive covered by these instructions and used as intended according to these instructions, is in compliance with the essential requirements of Directives 2006/42/EC, and 2014/53/EU.

A declaration of conformity detailing the standards and specifications used and stating all particulars for identification of the drive, name and address of the person(s) authorised to compile the technical file and empowered to draw up the declaration including place and date of issue is available at [www.somfy.com/ce](http://www.somfy.com/ce).