



Handheld transmitter

Rojaflex RHSM1

For Rojaflex radio tubular motors and radio receivers
- with bidirectional radio system

ORIGINAL ASSEMBLY AND OPERATING INSTRUCTIONS

Eine aktuelle Vollversion der Anleitung finden Sie hier/
You can find a current full version of the manual here/
Vous trouverez ici une version complète et actuelle du mode d'emploi/
Puede encontrar una versión completa actual del manual aquí/
Potete trovare una versione completa attuale del manuale qui/
Een actuele volledige versie van de handleiding vindt u hier/
Aktualną, pełną wersję podręcznika można znaleźć tutaj/
A kézikönyv aktuális, teljes verzióját itt találja:

Original Montageanleitung **DE**

Original instructions **EN**

Mode d'emploi original **FR**

Instrucciones originales **ES**

Manuale d'uso originale **IT**

Originele gebruiksaanwijzing **NL**

Oryginalna instrukcja obsługi **PL**

Eredeti összeszerelési útmutató **HUN**



Handheld transmitter

for Rojaflex
Radio tubular motors
and radio receivers
Bi-Directional

RHSM1

**Art.-Nr.:
90100059**



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EU Declaration of Conformity according to Article 10(9)

Hereby declares Schoenberger Germany Enterprises GmbH & Co. KG, Hohenschäftlarn, that the radio system type rojaflex Mini handheld transmitter "**RHSM1**" complies with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
www.rojaflex.com/konformitaetserklaerungen.html

⚠️ WARNING!

Important safety instructions!

- For the safety of persons, it is important to follow these instructions!
- Please keep the instructions and hand them over to the new owner when changing ownership!
- 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.
- Children must not play with the appliance.
- Cleaning and maintenance by the user must not be carried out by children without supervision.

⚠️ WARNING!

The motor controlled by the transmitter must be disconnected from its power source during cleaning, maintenance and replacement of parts!

⚠️ WARNING!

Failure to comply may result in danger to life!

There is a danger to life from electric shock when working on electrical equipment!

Observe the instructions and safety instructions of the drive / receiver controlled by the sensor as well as the corresponding instructions of the driven sun shading system!

⚠️ ATTENTION!

It is essential to observe the following instructions!

The range of radio controls is regulated by the legal provisions for radio installations and is influenced by structural conditions, among other things.

When planning, make sure that there is sufficient radio reception.

This is especially true if the radio transmitter is located in a different room than the radio receiver and therefore the radio signal must penetrate walls or ceilings.

Do not install the radio control in the direct vicinity of large metallic surfaces. Other transmitting devices (e.g. radio headphones, baby monitors, radio weather stations) whose transmission frequency is identical to that of the radio control unit may interfere with reception.

⚠️ Attention!

Instructions for correct use and the conditions of use must be observed!

In case of improper use, there is an increased risk of damage to the controlled system!

- Only use the radio control (transmitter) for connection to roller shutter, awning and blind motors or their receivers.

- Deactivate the automatic functions of the transmitter in case of snow, icing or danger of frost to avoid damage to the motor or the driven system.
- Only use original components and accessories from the manufacturer.
- Instruct all persons in the safe use of the unit and the motor controlled by it.
- During commissioning, observe the moving system (roller shutter, awning, blind) and keep people away from it until the movement is finished.
- Prohibit children from playing with the appliance.
- Store handheld transmitters in such a way that unintentional operation, e.g. by playing children, is impossible.
- Secure the controlled system against unauthorised operation.
- Take safety precautions against unintentional switch-on.
- Carry out all cleaning work on the unit in a de-energised state.
- Use caution when operating the open/extended unit as parts may fall if fixings (e.g. springs) weaken or are broken.
- Never use defective or damaged equipment.
- Check the motor controlled by the transmitter and the power cable of the motor for integrity.

⚠ WARNING!

The use of defective units can endanger persons and cause damage to property.

Check the transmitter and the system controlled by the transmitter regularly for proper function and keep people away from it until the fault-free function check has been completed!

Please contact our service department (see contact information page) if you notice any damage to the unit.

⚠ ATTENTION!

After unpacking, compare the unit type with the corresponding information on the type plate.

Incomplete units or units that do not comply with the specifications must not be put into operation.

⚠ IMPORTANT!

**Disposal instructions!
(European Directive 2012/19/EU (WEEE))**

Our electrical and electronic products are marked with a crossed-out wheeled bin, which indicates that these products and any batteries they may contain must be collected separately at the end of their life and must not be disposed of with normal household waste.



The substances contained in these products may have negative effects on health and the environment, so users of electrical products and batteries also have a responsibility to recycle these waste materials and in this way contribute to the protection, preservation and improvement of the environment.

Obligation for separate disposal

One of our duties as manufacturers is to inform you of your obligation to separate disposal.

- When disposing of products with batteries, remove them from the product and dispose of them separately.
- When disposing of illuminants, they must be disposed of separately from the receptacle.

Return option and Recycling programme EU

We are connected to public-law return systems throughout Europe and thus offer our customers access to a Europe-wide network of local recycling facilities (recycling centres, take-back points or similar).

Our products are professionally recycled through these local facilities. This reduces waste - to the benefit of the environment.

Our registration numbers:

	Reg. no.*
WEEE	DE 41060608
Battery	DE 88866710
Illuminant	
Transport and Shipping packaging	DE5768543732165

*For registration data of other European countries, see **Contact Information page**.

A take-back by us as manufacturer according to §19 WEEE is not to be asserted.

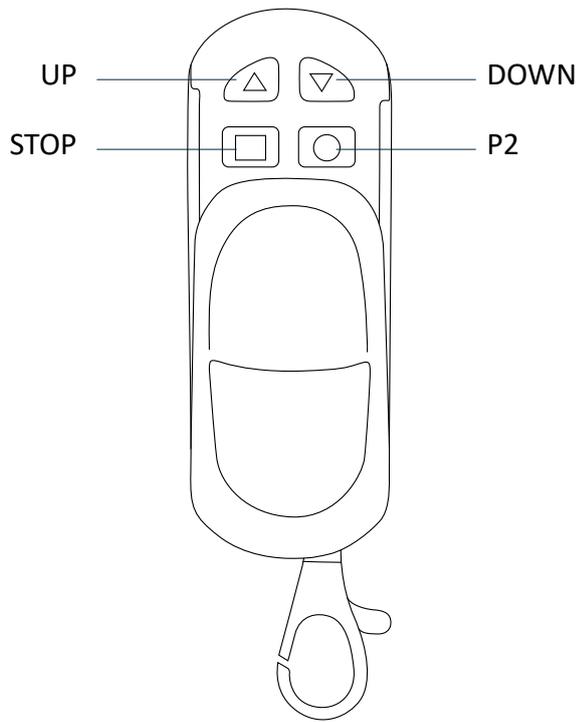
Information on the degree of fulfilment of the collection and recycling requirements

As a manufacturer, it is also our duty to inform you about the degree of compliance with the collection and recycling requirements. As we are connected to a qualified take-back system, we can refer to the degree of fulfilment of the recycling companies.

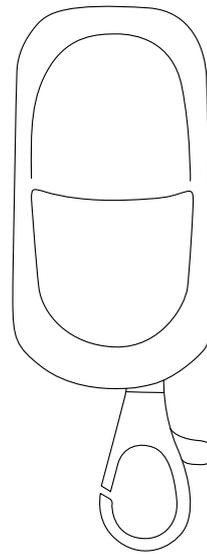
You can find this information on our website.

Deletion of personal data

Some of our products contain personal data. This applies in particular to information and telecommunications technology devices such as computers and smartphones. In your own interest, please note that each end user is responsible for deleting the data on the old devices to be disposed of!



RHSM1
Mini handheld transmitter



RHSM1
closed



This product contains a button cell battery. If swallowed, the button cell battery can cause severe internal burns and death in as little as 2 hours. Keep new and used batteries away from children. If the battery compartment cannot be closed securely, stop using the product and keep it away from children. If you think batteries may have been swallowed or may have entered any part of your body, seek medical attention immediately.

Inserting the battery / changing the battery

Remove the back cover by opening the 4 screws (1). Remove the empty battery and insert the new battery into the battery compartment with the + (plus) side facing upwards (2).

Then fasten the back cover again.



ATTENTION!

Depending on the frequency of switching operations, we recommend replacing the battery at least every 2 years.



Please do not dispose of batteries in household waste! Take them to an appropriate disposal station.

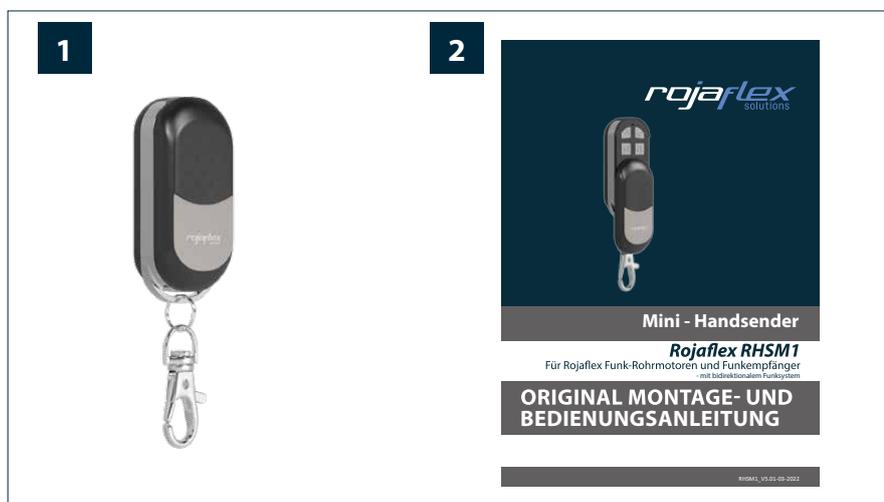
Technical data

Performance features:	
Input voltage	3V (battery CR2032)
Transmission frequency	433,05 - 434,79 MHz
Operating current	≤ 15mA
Quiescent current	≤ 10 µA
Standby consumption	≤ 3 µW
Transmitting power	≤ 10 mW
Protection class	IP 20
Permissible ambient temperature	+10°C to +50°C
Range	Open field: approx. 150 m / indoors: approx. 30 m *
Channels	1-channel
Compatibility	Rojaflex radio motors and radio receivers with BI-Directional Radio System
Radio system	Rolling Code
Dimensions (approx.)	(HxWxD) 53.5 mm × 30 mm × 10 mm (without carabiner)

Scope of delivery

After unpacking, please compare the contents of the package with the information on the scope of delivery in these instructions.

1. Hand-held transmitter incl. battery
2. Operating instructions



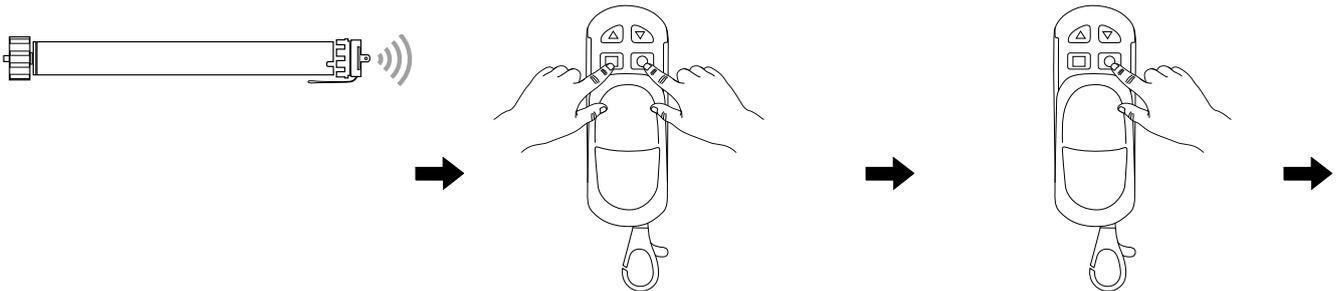
1. Activate the programming mode of the receiver

Set the radio motor or external radio receiver in which the hand-held transmitter is to be taught-in to teach-in mode according to the instructions for the receiver/motor.



Each keystroke must be executed within 4 seconds!
Otherwise, the system automatically exits the programming mode.

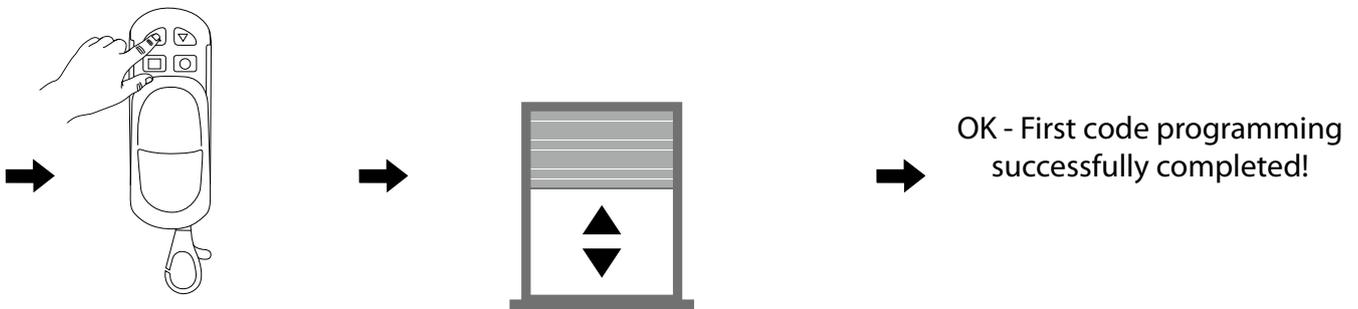
2. Programming the handheld transmitter - RHSM1



Set the receiver (motor / external receiver) to learning mode according to the instructions.

To activate programming, press the STOP and P2 buttons simultaneously.

Press the P2 programming button twice.



Then press the UP key immediately.

The motor (shutter) briefly moves UP/DOWN and/or the receiver beeps.

OK - First code programming successfully completed!



Then check the functions by pressing the UP / STOP / DOWN buttons. If the direction of rotation of the motor is reversed (roller shutter / motor moves downwards when the UP button is pressed), please start from the beginning and press the DOWN button instead of the UP button after the P2 button!

This changes the direction of rotation of the motor.

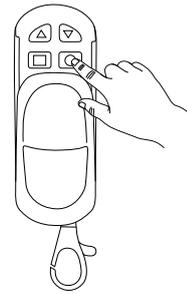
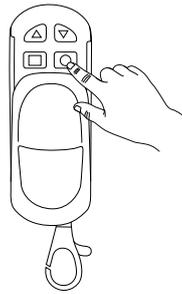
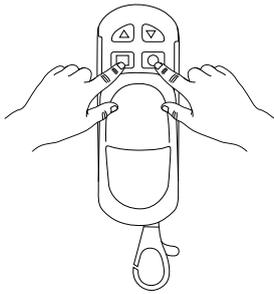
3. Add handheld transmitter



The motor/receiver is connected to the mains, but is NOT in learning mode as in point 1.

Each keystroke must be executed within 4 seconds!

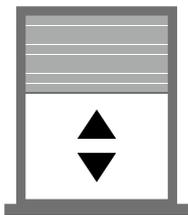
Otherwise, the system automatically exits the programming mode.



To activate programming, press the STOP and P2 buttons simultaneously.

Press the P2 programming button 3 times on a hand-held transmitter that has already been programmed.

Then press the P2 button once on the new hand-held transmitter to be taught-in.



Hand-held transmitter is added!

The motor (shutter) briefly moves UP/DOWN and/or the receiver beeps.

For further information, please refer to the instructions of the Rojaflex radio tubular motors or radio receivers.

EU Waste and recycling / Registrations

Germany for electrical devices:

Stiftung EAR
WEEE-Reg.-no.: DE 41060608

Germany for batteries:

Stiftung EAR
Batt-Reg.-no.: DE 88866710

Germany for packaging:

LUCID Reg.-no.: DE5768543732165

Austria for electrical devices:

Elektro Recycling Austria (ERA) GmbH
ERA Contract no: 40801

Austria for packaging:

Altstoff Recycling Austria (ARA) AG
ARA License number: 23363

Switzerland for electrical devices:

Stiftung SENS
Membership number: VP11544

France for electrical devices:

Ecologic
Membership number / Take-back system: M3670
National registry: UIN FR208795_01SUIN

France for packaging:

Citeo
Membership number / Take-back system: 532886
National registry: UIN FR208795_01SUIN

Spain for electrical devices:

ECOTIC
Reg.-no.: RII-AEE- 7601

Spain for packaging:

Ecoembes
Membership number: 97556

Italy for electrical devices:

Raccolta differenziata. Verifica le disposizioni del tuo Comune!
Reg.-no.: n/a

Italy for packaging:

Raccolta differenziata. Verifica le disposizioni del tuo Comune!
Membership number: n/a

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Our general terms and conditions apply.
A current version of these instructions can be found at
<https://www.rojaflex.com/bedienungsanleitungen.html>



If you have any questions about this product,
please contact us at the following address:

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