868 MHz

CE 0682

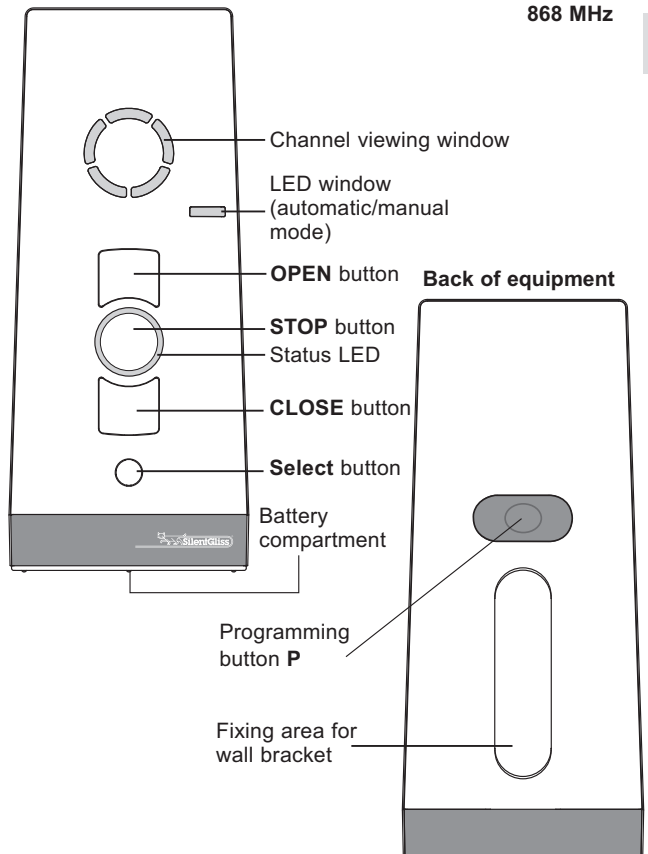
EN Operating instructions

Please take care of the operating instructions!

Nr. 18 122.2701/1209

On front of device

868 MHz



STOP!

Observance of the operating instructions is the prerequisite for disturbance-free operation and fulfilment of any claims related to defects.

- Therefore, first read the operating instructions before you use the device!
- Ensure that the operating instructions are available to the user in legible form.
- The operator must ensure that the basic safety measures are observed and fulfilled.
- The operator must have completely read and understood the operating instructions.
- The following safety and installation instructions solely refer to the transmitter and not the accessories and drive.

Exclusion of liability:

It is essential to observe these operating instructions for use if the radio hand-held transmitter is to be used safely and if the various product characteristics and performance features are to be achieved.

Silent Gliss assumes no liability for personal injuries, property damages and financial losses that arise from non-observance of the operating instructions.

Liability for material defects is excluded in such cases.

CAUTION!

Observe the following safety instructions.
Failure to observe them can lead to bodily injuries!

General

- Never install or commission devices which are damaged.
- Only use unmodified original electrical parts.
- If the device is opened without permission or used in an improper manner, or if it is incorrectly installed or operated, there is a risk of damage to persons and property.
- The device contains small parts which can be swallowed.

Transport

- If the radio hand-held transmitter arrives in a damaged condition despite proper packaging, then it must not be commissioned.
  Immediately report the damage to the transport company.

Installation

- Note any country-specific conditions when installing the device.
- The device may only be used by persons who have read and understood the operating instructions.

Operation

- Use only in dry rooms.
- If one or more radio hand-held transmitters are used for controlling the system, its operating range must stay visible during operation.
- Keep children away from the control units.
- Replace battery only with identical type (LR06;AA).
- Dispose of used batteries properly (collection point).

EN

Manufacturing note

All the radio hand-held transmitters are subject to 100% testing before delivery.

The radio hand-held transmitters are made as per the following guidelines:

- EN 300 220 (electromagnetic compatibility of radio systems)
- ETS 300 683 (Specific conditions for short range radio devices)
- CE mark

Scope of supply

(batteries (2 x LR 06; AA) supplied with device)
Wall bracket
2 dowels
2 screws

Intended use

The radio hand-held transmitter SG 10302 is a multi-channel transmitter. Each channel can be used unidirectionally or bidirectionally. The hand-held transmitter may only be used for controlling systems that are fitted with Silent Gliss radio receivers.

Other use, or use which goes beyond this use is not considered to be use for intended purpose.

Silent Gliss shall not be liable for:

- Other uses than those described above
- Changes to the device
- Improper use

Please see the technical data contained in these operating instructions.

What does bidirectional radio system mean?

A bidirectional radio system is one that carries out the reliable transmission of radio signals to a radio receiver and provides feedback from the radio receiver to the transmitter.

The radio signal can be sent directly to the target receiver. If this is not possible then the radio signal is forwarded via other participants until the signal reaches the target receiver.

The target receiver carries out the command and sends a confirmation back to the transmitter.
The status LED lights up briefly for confirmation.

What is a unidirectional radio system?

A unidirectional radio system provides reliable transmission of radio signals to a radio receiver.

However, the radio receiver cannot send back a reply to the transmitter, unlike in a bidirectional radio system.
It is also not possible to pass on the radio signal from one radio receiver to another.

CAUTION!

Observe the following safety instructions for radio operation!

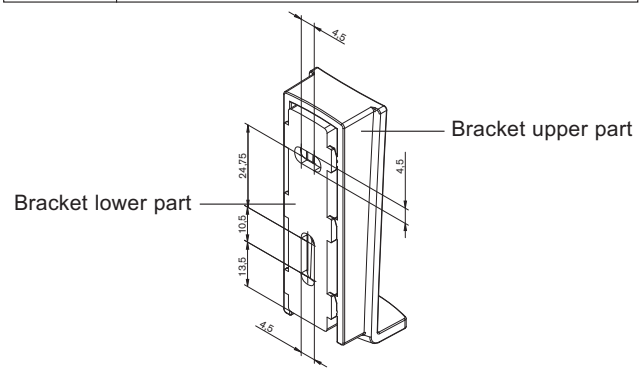
Only use radio systems if they are approved and can be operated without interference.

- Please note that radio systems must **not** be operated in areas with an increased risk of interference (e.g. hospitals, airports, ...).
- The remote control is only approved for devices and systems for which any malfunction of the transmitter or receiver would not result in a risk for persons, animals or property, or if such a risk is covered by other safety equipment.
- The operator has no protection whatsoever from interferences by other radio emitters and local terminals (e.g. also from radio systems), that are normally used on the same frequency range.
- The range of the radio signal is limited by the government and the built environment.

NOTICE!

The wall bracket has to be fixed so that the drill holes don't touch any electrical lines.

Check this before installation.



Mounting of the wall bracket

Use the drilling template on the inside of the packing box.

1. Remove the cover from the box.
2. Fix the drilling template to the wall.
3. Drill the holes in the wall.
4. Remove the drilling template.
5. Push the bracket upper and lower parts to separate them.
6. Fix the bracket lower part onto the wall using the screws and dowels provided.
7. Push the bracket upper part from above onto the bracket lower part until it is locked into place.

Status LED

A radio signal is displayed by the illumination of the Status LED (LED ring around the STOP button).

The status LED can display three different colours:

– Orange: Transmit signal is being sent (bidirectional radio operation)

– Green: Transmit signal is being sent (unidirectional radio operation)
Positive reply from the transmitted signal (bidirectional radio operation)

– Red: No answer from receiver (bidirectional radio operation)

The transmitting power or the radio range will be reduced through the reduction in the performance of the battery.
If the status LED no longer illuminates upon pressing the button, the batteries have to be replaced.
Please see these instructions for changing the battery.
(→ see battery replacement)

Group control unit

A group is understood to mean the control of several receivers at the same time. The selected group is controlled by a travel command.

With the radio hand-held transmitters SG 10302 you can use all five radio channels to control a group.

The central channel (all five channel viewing windows light up simultaneously) controls all five radio channels at the same time.

Explanation of functions

Select button (channel selection button, AUTO switching button)

Up to 5 channels can be selected by pressing the **Select** button briefly.

The individual channels are displayed by illumination of the associated channel viewing windows.

An additional channel is reserved for the central command. This is allocated automatically. All five channel viewing windows illuminate to indicate the central command.

Pressing the **Select** button briefly allows the current status of the programmed receiver and the channel of the hand-held transmitter to be queried.

Longer pressing (approx. 1 sec.) of the **Select** button switches off the automatic mode.
The LED window lights up red.

→ The receiver now only executes manual travel commands.

Longer pressing (approx. 1 sec.) of the **Select** button again switches on the automatic mode.
The LED window lights up green.

→ The receiver now executes automatic and manual travel commands.

Programming the transmitter

PREREQUISITE!

The receiver must be installed.

Note that the radio range to the receiver is limited during programming.
Position yourself in front of the shutter/blind for programming.

1. With electrical, previously installed receivers, turn the safety fuse off and after a few seconds on again.
   The receiver is now in programming mode for about 2–5 minutes.
2. Press the programming button **P** on the back of the device 10 seconds.
   The system opens and closes automatically for approx. 2 minutes to show that the receiver is in programming mode.
3. Press the **OPEN** button **immediately** after the start of opening travel (max. 1 second).
   The status LED lights up briefly.
   The system will stop – start moving again – stop and then move in the CLOSE direction.
4. Press the **CLOSE** button **immediately** after the start of closing travel (max. 1 second).
   The status LED lights up briefly.
   The system will stop.

   The radio hand-held transmitter SG 10302 is now programmed.

NOTICE!

If the blind does not stop, the programming process must be repeated.

Programming additional transmitters

NOTICE!

If several receivers are connected to the same feed line, then all are simultaneously ready to program. The systems start a “random” brief opening/closing travel. The longer you wait with the programming the greater will be the offset.

You can stop the brief opening/closing travel by briefly pressing the **STOP** button on a radio hand-held transmitter which has already been programmed. The programming procedure is interrupted.

The transmitter assignment can now be made without having to disconnect individual receivers.

If the system travels in the wrong direction, delete the radio hand-held transmitter and reprogram it. (→ see Deletion of radio hand-held transmitter)

To programme additional radio hand-held transmitters in one receiver, please proceed as follows:

1. Press the **OPEN, CLOSE** and the programming button **P** (back of device) **simultaneously** (for 3 sec.) on a radio hand-held transmitter, which has already been programmed to the receiver.
   The status LED lights up briefly.
   Push the programming button **P** (on back of device) on the new radio hand-held transmitter to be programmed until the status LED lights up briefly.
2. Press the **OPEN** button **immediately** after the start of the opening travel (max. 1 second).
   The status LED lights up briefly. The system will stop – start moving again – stop and then move in the CLOSE direction.
3. Press the **CLOSE** button **immediately** after the start of a closing travel (max. 1 second).
   The status LED lights up briefly. The system will stop.

The radio hand-held transmitter or the radio hand-held transmitter channel has been programmed.

!	**PREREQUISITE!**
	The radio hand-held transmitter/transmitter channel has been programmed. The end positions of the tubular motor have been set.

Approach lower end position

Press the **CLOSE** button briefly.
The system approaches the lower end position.

Approach upper end position

Press the **OPEN** button briefly.
The system approaches the upper end position.

Program intermediate position 1

!	**PREREQUISITE!**
	The radio hand-held transmitter/radio hand-held transmitter channel has been programmed. The end positions of the tubular motor have been set. The system is at its **upper** end position.

1. Move the system as far as necessary in the **CLOSE** direction until the ventilation gaps open or the slats are inverted.
   Hold down the **CLOSE** button until the desired position is reached.
2. **In addition** press the **STOP** button.
   The system will stop. The status LED lights up briefly.
   The intermediate position 1 is now programmed.

Program intermediate position 2

	PREREQUISITE!
!	The radio hand-held transmitter/radio hand-held transmitter channel has been programmed. The end positions of the tubular motor have been set. The systemis at its **lower** end position.

1. Move the system in the OPEN direction.
   Hold down the **OPEN** button until the desired position is reached.
2. **In addition** press the **STOP** button.
   The system will stop. The status LED lights up briefly.
   The intermediate position 2 is now programmed.

Approach intermediate position 1

	PREREQUISITE!
!	The radio hand-held transmitter/radio hand-held transmitter channel has been programmed.

1. Press the **CLOSE** button briefly **twice**. The status LED lights up briefly.
2. The system travels to the stored intermediate position 1.
   If no intermediate position has been programmed the system travels to the lower end position.

Approach intermediate position 2

	PREREQUISITE!
!	The radio hand-held transmitter/radio hand-held transmitter channel has been programmed.

1. Press the **OPEN** button briefly **twice**. The status LED lights up briefly.
2. The system travels to the stored intermediate position 2.
   If no intermediate position 2 has been programmed the system travels to the upper end position.

Delete intermediate position 1

1. Press the **STOP** button and **also** the **CLOSE** button.
2. Hold down this button combination for approx. 3 sec.
   The status LED lights up briefly.

Delete intermediate position 2

1. Press the **STOP** button and **also** the **OPEN** button.
2. Hold down this button combination for approx. 3 sec.
   The status LED lights up briefly.

Delete radio hand-held transmitter/channel

1. Press the **STOP** button and **also** the programming button **P** (back of unit).
2. Hold down this button combination for approx. 6 seconds until the status LED lights up briefly orange and then red.
   In the unidirectional radio operation the status LED lights up green briefly twice and then orange during the 6 seconds.

Deletion of all radio hand-held transmitters

1. Press the **STOP** button and **also**:
   - Programming button **P** (on back of device)
   - **OPEN** button
   - **CLOSE** button
2. Hold down this button combination for approx. 6 sec.
   The status LED lights up briefly twice.
   In the unidirectional radio operation the status LED lights up green briefly twice and then orange during the 6 seconds.

Technical data

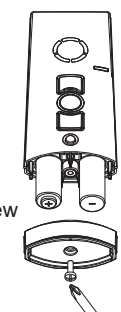
Operating voltage	3 V DC
Battery type	2 x LR 06 (AA cells)
Protection class	IP 20
Permitted ambient temperature	0 to +50 °C
Radio frequency	868 MHz frequency band
Dimensions in mm	L 120 x W 51 x H 26

Battery replacement

NOTICE!

- Replace batteries only with identical type (2 x LR 06; AA cells).
- Dispose of used batteries properly (collection point).

1. Unscrew the radio hand-held transmitter using a suitable screwdriver on the underside of the device and remove the cover.
2. Remove the batteries.
3. Insert the new batteries (2 x LR 06; AA cells) **correctly** in the radio hand-held transmitter.
4. Place the cover on the housing again and screw on tightly with the screwdriver.



Cleaning

Clean the device with a damp cloth.

Don't use any cleaning agents. This may attack the plastic.

Disposal

Please observe the current national regulations. Dispose of according to the condition and existing regulations.

e.g. as:
- Electrical scrap (PCB)
- Plastic (housing parts)
- Batteries

Notes on troubleshooting

Fault	Cause	Remedy
The tubular motor does not run, the status LED does not light up.	1. Batteries are low. 2. Batteries are incorrectly installed.	1. Replace batteries. 2. Insert batteries correctly.
The tubular motor does not run, the status LED lights up red.	1. The receiver is outside the radio range. 2. Receiver out of order or faulty.	1. Reduce distance to the receiver. 2. Switch on or exchange receiver.
Tubular motor does not run.	Wrong group selected.	Select the right group.
Tubular motor operates in the wrong direction.	Directions are incorrectly allocated.	Delete radio hand-held transmitter and reprogram.

Notes on repair

Please contact us if you are unable to eliminate a problem. When contacting our service team, please always state the item description and number from the type plate (back of device).

– Item number
– Item description
– Type of fault
– Accompanying conditions
– Own presumption
– Previously occurring unusual events

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