

# SOMMER

# SOMloq2

CE

## EN Pearl Vibe handheld transmitter

Part no. 4019

### Technical data

|                   |   |
|-------------------|---|
| Radio frequency   | 868.8 MHz (Somloq);<br>868.95 MHz (SOMloq2)     |
| Temperature range | -25 °C to +65 °C                                |
| Radio commands    | 4   |
| Range             | 60- 150 m (depending on surrounding conditions) |
| Dimensions        | 49 x 26 x 13 mm                                 |
| Weight            | approx. 30 g including batteries                |
| Battery           | CR 2032   |

### Safety instructions

- These instructions must be read, understood and complied with by persons who use or perform maintenance on the radio remote control.
  - Always store the handheld transmitter out of reach of children or animals.
  - Do not store or operate the handheld transmitter in areas which are wet, steamy, have high air humidity, are dusty or are subject to direct sunlight or similar conditions.
  - Store the handheld transmitter in a stable manner; falling down could damage the unit or reduce its range.
  - Have faulty devices repaired by a technician authorised by the manufacturer.
  - Systems that pose an accident risk should not be operated by remote control unless the complete range of movement of the system is visible to the user.
  - The local safety regulations for the system must be observed to ensure safe operation. (For information on safe operation see, e.g., VDE and employer's liability insurance associations or similar organisations in other countries.)
  - The operator is not protected against interference caused by other telecommunications equipment or devices (e.g. wireless systems which are being operated properly in the same frequency range).
- Intended use**
- Only use the handheld transmitter together with radio receivers from SOMMER Antriebs- und Funktechnik GmbH.
  - The handheld transmitter is suitable for SOMloq Rollingcode and SOMloq2 radio systems.
  - The handheld transmitter must only be used for devices and systems in which radio interference in the transmitter or receiver will not endanger people, animals or objects, or the risk is reduced by other safety devices.
  - Remote control of devices and systems with increased accident risk (e.g. hoists) is prohibited.

### Programming the handheld transmitter on a radio receiver

- The handheld transmitter can be programmed on either a Somloq Rollingcode receiver or a SOMloq2 receiver.
  - Mixed operation of the Somloq and SOMloq2 radio systems on one button is not permitted.
  - See the instructions for the radio receiver or the operator for the correct procedure for selecting the desired channel on the radio receiver, setting it in programming mode and the correct response of the LED on the radio receiver at the various phases of the programming process.
1. Select the desired channel on the radio receiver and set in programming mode.
  2. Press the desired handheld transmitter button.
    - ▶ LED on the handheld transmitter lights up orange (SOMloq2) / red (Somloq).
    - ▶ Radio command is transmitted.
  3. Repeat steps 1 + 2 to program other buttons on this hand-held transmitter.

### Operation

#### Requirements

- The desired radio command is programmed on the desired radio receiver.
- Handheld transmitter battery is not empty.

#### Sending a SOMloq2 command

- Press the desired handheld transmitter button once.
  - ▶ LED lights up orange.

#### Sending a Somloq command

- Press the desired handheld transmitter button for more than 0.5 seconds.
  - ▶ LED lights up red.

### SOMloq2 functions

The functions can only be used when a SOMloq2 radio receiver is used as the radio receiver.

#### Feedback vibration

The handheld transmitter indicates that the receiver has obtained the sent command by vibrating.

#### Hop function

The Hop function increases the range of the radio system because the SOMloq2 radio receiver which is located in the range of the transmitter actively forwards the command.

#### Auto-repeat function

This function makes it possible to give the radio command before the transmitter is in the range of the radio receiver. The transmitter then automatically repeats the command up to 5 times, every 3 seconds.

- Press the handheld transmitter and keep it pressed for 1 to 3 seconds.
  - ▶ Auto-repeat function is activated

#### Status query

Provides information on whether the door is opened or closed.

- Briefly press the button twice successively for the door whose status is to be queried.
  - ▶ LED lights up red
    - Door is open
  - ▶ LED lights up green.
    - Door is closed

### Delete

The different deletion modes and the correct process must be taken from the radio receiver or operator instructions.

### Battery change

#### Warning information

- Never leave batteries within reach of children. Call a doctor immediately if a battery is swallowed.
  - Do not open or recharge the battery or allow it to come into contact with water, fire or high temperatures.
  - Replace batteries only with type CR 2032.
  - Dispose of the battery according to locally applicable regulations.
1. Remove screw from lower housing section.
  2. Lift upper housing section.
  3. Replace battery.
  4. Put the upper housing section back on.
    - ▶ Make sure that the lower housing section is hooked into the upper section as shown.
  5. Fasten the screw into the lower housing section.

### Troubleshooting

- LED does not light up: Battery dead or handheld transmitter faulty
- Operator does not start:
  - Handheld transmitter not programmed.
  - Handheld transmitter has been activated several times outside of the reception area - press the button (min. 2 x ) until the operator starts.
- Somloq command is not sent
  - Do not hold down the button longer than 0.5 seconds
  - Mixed operation of Somloq and SOMloq2 in one button

**Remedy:** Delete button from SOMloq2 receiver. Then press the button at least four times.

### Declaration of Conformity

[www.sommer.eu/mrl](http://www.sommer.eu/mrl)

### Disposal

Observe applicable national regulations.

