



EN Pearl hand-held transmitter	
Part no. 4018	
Technical data	
Radio frequency	868.8 MHz (Somloq); 868.95 MHz (SOMloq2)
Temperature range	-25 °C to +65 °C
Radio commands	4
Range	50 - 140 m (depending on the surroundings)
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 hand-held transmitter out of reach of children or animals.
 - Do not store or operate the hand-held transmitter in areas which are wet, steamy, have high air humidity, are dusty or are subject to direct sunlight or similar conditions.
 - Store the hand-held 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).
 - This product contains button cells. If these button cells are swallowed, serious internal burns can occur within only two hours, and such burns are fatal.
 - Keep new and used batteries out of reach for children.

- If the housing does not close securely, do not use the handheld transmitter and make sure it is inaccessible to children.
- Seek medical help immediately if there is a chance that a battery has been swallowed or inserted into any other orifice.
- Risk of explosion through use of incorrect battery. There is a risk of explosion if a battery is replaced with a battery of the wrong type.
- Do not open or recharge the battery or allow it to come into contact with water, fire or high temperatures.
- Dispose of the battery according to locally applicable regulations.

- Intended use**
- Only use the hand-held transmitter together with radio receivers from SOMMER Antriebs- und Funktechnik GmbH.
 - The hand-held transmitter is suitable for SOMloq Rollingcode and SOMloq2 radio systems.
 - The hand-held 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 hand-held transmitter on a radio receiver**
- 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 hand-held transmitter button (A).
 - ▶ LED on the hand-held remote control lights up red.
 - ▶ 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.
 - Hand-held transmitter battery is not empty.

- SOMloq2 functions**
- The functions can only be used when a SOMloq2 radio receiver is used as the radio receiver.
- 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 hand-held transmitter and keep it pressed for 1 to 3 seconds.
 - ▶ The hand-held transmitter now sends the command automatically every 3 seconds (maximum 5 times).
- 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.

- Battery change**
1. Remove screw from lower housing section.

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 hand-held transmitter faulty.
 - Operator does not start:
 - Hand-held transmitter not programmed.
 - Hand-held transmitter has been activated several times outside of the reception area - press the button (min. 2 x) until the operator starts.

Simplified Declaration of Conformity

SOMMER Antriebs- und Funktechnik GmbH hereby declares that the radio system of type Pearl complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity can be found at the following internet address:



www.som4.me/mrl

