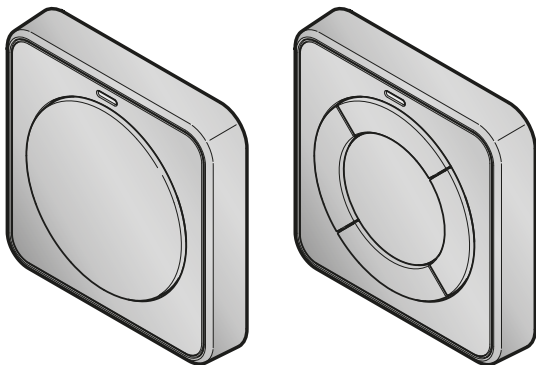




DE

Anleitung für Montage und Betrieb

Funk-Innentaster FIT 1 BiSecur / FIT 4 BiSecur

EN

Instructions for fitting and operating

Radio internal push button FIT 1 BiSecur / FIT 4 BiSecur

FR

Instructions de montage et d'utilisation

Bouton-poussoir sans fil FIT 1 BiSecur / FIT 4 BiSecur

NL

Handleiding voor montage en bediening

Draadloze drukknopschakelaar FIT 1 BiSecur / FIT 4 BiSecur

IT

Istruzioni per il montaggio e l'uso

Radiotastiera interna FIT 1 BiSecur / FIT 4 BiSecur

ES

Instrucciones de montaje y funcionamiento

Pulsador interior vía radiofrecuencia FIT 1 BiSecur / FIT 4 BiSecur

PT

Instruções de montagem e funcionamento

Interruptor interior de radiofrequência FIT 1 BiSecur / FIT 4 BiSecur

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Dear Customer,

We thank you for choosing a quality product from our company.

1 About these instructions

Read through all of the instructions carefully, as they contain important information about the product. Pay attention to and follow the instructions provided, particularly the safety instructions and warnings.

Further information about handling the radio internal push button can be found on the Internet at **www.hoermann.com**

Please keep these instructions in a safe place and make sure that they are available to all users at all times.

1.1 Definitions used

System

A door with the associated operator.

Equipment / system

A product with radio receiver, e.g. relay receiver, radio socket receiver.

Status

The current position of a door or the current status of an equipment / system.

1.2 Symbols used



Important note for avoiding material damage and personnel injury



High exertion of force

2 Safety instructions

2.1 Intended use

The radio internal push button FIT 1 BiSecur / FIT 4 BiSecur is a bi-directional transmitter for door operators and radio equipment. It can be operated via BiSecur radio and the fixed code 868 MHz.

Other applications are not permitted. The manufacturer is not liable for damages caused by improper use or incorrect operation.

2.2 Safety instructions for operation



WARNING

Danger of injury during door travel

Persons may be injured by door travel if the radio internal push button is actuated.

- ▶ Make sure that the radio internal push buttons are kept away from children and can only be used by people who have been instructed on how the remote-control system functions!
- ▶ If the door has only one safety feature, only operate the radio internal push button if you are within sight of the door!
- ▶ Drive or walk through the door openings of remote-controlled systems only when the door is in the Open end-of-travel position!
- ▶ Never stand in the door's area of travel.



CAUTION

Danger of injuries due to unintended door travel

Unintended door travel may occur while teaching in the radio code.

- ▶ Pay attention that no persons or objects are in the system's area of travel when teaching in the radio system.

 CAUTION**Danger through unintended activation of equipment**

The remote-controlled operation of equipment can result in unintended activation, for example, machines can be actuated.

- ▶ Ensure that the remote-controlled operation of equipment does not result in danger to persons or objects or that these risks are covered by safety equipment.
- ▶ Observe the manufacturer information for the remote-controlled devices.
- ▶ The unintentional activation of machines must not be possible.

ATTENTION**Functional impairment caused by environmental conditions**

Non-compliance with these instructions can impair function!

Protect the radio internal push button from the following conditions:

- Direct sunlight
(permissible ambient temperature: -20 °C to +60 °C)
- Moisture
- Dust

NOTE:

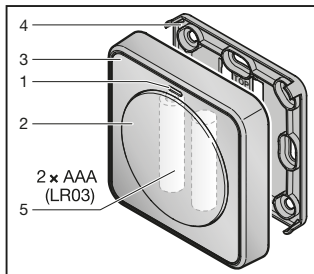
- If there is no separate entrance to the garage, then you should enhance or change the radio system within the garage.
- If you want to start operating, enhance or change the radio system:
 - Perform a function check.
 - Use original parts only.
 - Local conditions may affect the range of the radio system.
 - When used at the same time, GSM 900 mobile phones can affect the range.

3 Scope of delivery

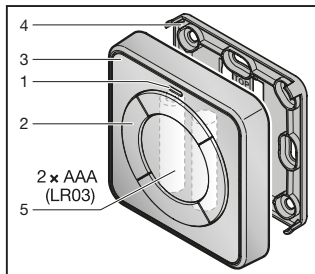
- Radio internal push button FIT 1 BiSecur / FIT 4 BiSecur
- 2 × 1.5 V battery, type: AAA (LR03)
- Fixing material
- Operating instructions

4 Description of the radio internal push button

FIT 1 BiSecur



FIT 4 BiSecur



- 1 LED, multicolour
- 2 Transmitter button
- 3 Housing
- 4 Mounting plate
- 5 Battery

5 Fitting

The choice of the fitting location affects the range.

- Prior to fitting, verify that the radio signal can reach the system or the equipment at the selected fitting site.
 - Determine the best orientation, by trial and error, if required.
- Direct fitting on metal will affect the range.
 - Fit at a distance of 2–3 cm.

The radio internal push button can be fitted in two different ways:

Gluing the radio internal push button.

- See section 5.1

Screwing on the radio internal push button.

- See section 5.2

5.1 Gluing the radio internal push button

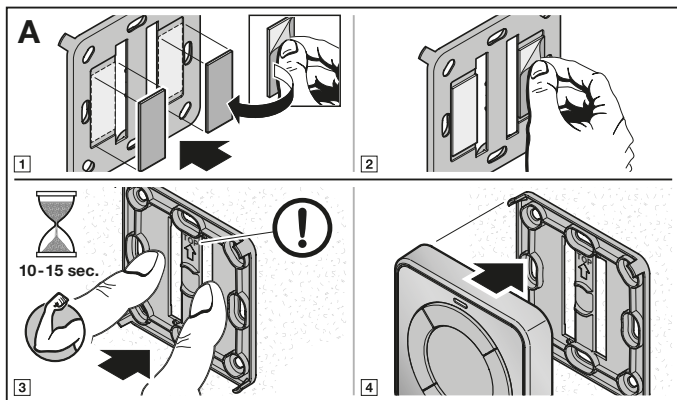
5.1.1 Cleaning the surfaces

The surfaces must be dry and free of dust, grease, oil and separating agents.

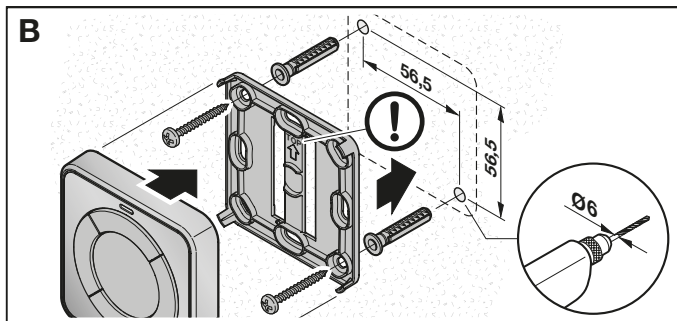
- Use clean, lint-free and non-perfumed cleaning cloths.
- Only use suitable cleaning agents, e.g. benzene.
- Do not use lipid-restoring household cleaners or glass cleaners.

5.1.2 Gluing the radio internal push button

- ▶ Do not touch the gluing surface.
- ▶ Quickly glue the mounting plate in the desired position.
Adjusting the position subsequently is only partially possible.



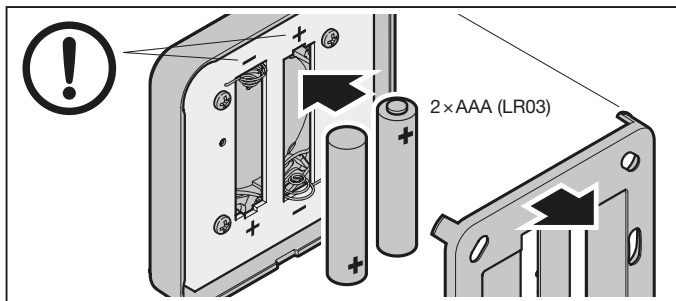
5.2 Screwing on the radio internal push button



6 Initial start-up

After inserting the battery, the radio internal push button is ready for operation.

6.1 Inserting the battery



ATTENTION

Destruction of the radio internal push button by leaking batteries

Batteries can leak and destroy the radio internal push button.

- ▶ Remove the battery if you do not intend to use the radio internal push button for a long period of time.

7 Operation

NOTE:

If the radio code of the transmitter button is inherited from another hand transmitter, press the transmitter button twice during initial start-up.

Each transmitter button is assigned to a radio code.

- ▶ Press the transmitter button whose radio code you want to transmit.
 - The LED is illuminated blue for 2 seconds.
 - The radio code is transmitted.

Battery status display on the radio internal push button

The LED flashes red twice; the radio code continues to be transmitted.	The battery should be replaced soon.
The LED flashes red twice. Following this, the radio code is no longer sent.	The battery must be replaced immediately.

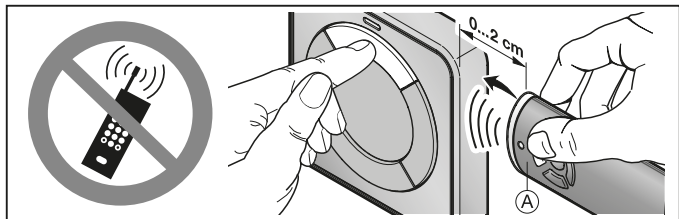
8 Learning and inheriting / transmitting a radio code

CAUTION

Danger of injuries due to unintended door travel

► See warning in section 2.2.

8.1 Teaching in a radio code



- Hold the hand transmitter **A** to the right of the radio internal push button.
- Press and hold the hand transmitter button whose radio code is to be inherited.
 - The LED is illuminated blue for 2 seconds and then goes out.
 - After 5 seconds, the LED alternates flashing in red and blue.
 - The hand transmitter sends the radio code.
- Press and hold the transmitter button that should learn the radio code.
 - The LED is illuminated blue for 2 seconds and then goes out.
 - The LED will flash slowly in blue.
 - If the radio code is recognised, the LED flashes quickly in blue.
 - After 2 seconds, the LED goes out.
- Release the hand transmitter button and the transmitter button.
The radio code of the hand transmitter button has been taught in to the transmitter button.

NOTE:

You have 15 seconds to inherit/transmit the radio code. If inheriting/transmitting the code was not successful within this period of time, repeat the process.

8.2 Mixed operation / BiSecur and fixed code 868 MHz

Mixed operation is possible for the radio internal push button with BiSecur radio. The radio internal push button can learn radio codes from existing hand transmitters with fixed code 868 MHz. Hand transmitters with fixed code 868 MHz are grey hand transmitters with blue buttons or hand transmitters with the according device labelling, e.g. HSD2-868.

9 Reset

Each transmitter button is assigned to a new radio code by means of the following steps.

1. Open the radio internal push button housing.
2. Remove the battery for 10 seconds.
3. Press a transmitter button.
4. Keep the transmitter button pressed.
5. Insert the battery.
 - The LED slowly flashes in blue for 4 seconds.
 - The LED flashes rapidly in blue for 2 seconds.
 - The LED is illuminated blue for a long time.
6. Release the transmitter button.
All radio codes are newly assigned.
7. Close the radio internal push button housing.

NOTE:

If you release the transmitter button prematurely, no new radio code is allocated.

9.1 Set the fixed code 868 MHz.

1. Carry out steps 1 – 5 of the reset as described in section 9.
2. Continue to keep the transmitter button pressed.
 - The LED slowly flashes in red for 4 seconds.
 - The LED flashes rapidly in red for 2 seconds.
 - The LED is illuminated red for a long time.
3. Release the transmitter button.
The fixed code 868 MHz has been set.
4. Close the radio internal push button housing.

NOTE:

If you release the transmitter button prematurely, the BiSecur radio remains active.

Further information about operating the radio internal push button with the fixed code 868 MHz can be found on the Internet at **www.hoermann.com**.

10 LED display

Blue (BU)

Status	Function
Is illuminated for 2 seconds	A radio code is being transmitted
Flashes slowly	Radio internal push button is in the learn mode
Flashes quickly after slow flashing	A valid radio code was detected during learning
Flashes slowly for 4 seconds, flashes quickly for 2 seconds, is illuminated long	Reset is being performed and completed

Red (RD)

Status	Function
Flashes 2 x	The battery is almost empty

Blue (BU) and Red (RD)

Status	Function
Flashing alternately	The radio internal push button is in inherit / transmit mode

11 Cleaning

ATTENTION

Damaging the radio internal push button by faulty cleaning

Cleaning the radio internal push button with unsuitable cleaning agents can damage the surface.

- Clean the radio internal push button with a clean, soft, damp cloth.

12 Dismantling and disposal

If the radio internal push button is glued, heat the adhesive strips to dismantle it, for example with a hair dryer.



Electrical and electronic devices, as well as batteries, may not be disposed of in household rubbish, but must be returned to the appropriate recycling facilities.



13 Technical data

Type	Radio internal push button FIT 1 BiSecur Radio internal push button FIT 4 BiSecur
Frequency	868 MHz
Power supply	2 × 1.5 V battery, type: AAA (LR03)
Perm. ambient temperature	−20 °C to + 60 °C
Protection category	IP 20

14 EU Declaration of Conformity

Manufacturer	Hörmann KG Verkaufsgesellschaft
Address	Upheider Weg 94-98 D-33803 Steinhagen

The above-stated manufacturer herewith declares that this product

Equipment / system	Radio internal push button
Model	FIT1-868-BS FIT4-868-BS
Intended use	Operating drives and drive accessories
Transmission frequency	868 MHz
Radiant power	max. 20 mW (EIRP)

On the basis of its design and type in the version marketed by us, the product described above conforms to the respective essential requirements of the directives listed below with intended use:

2014/53/EU (RED)	EU Directive for Radio Equipment
2011/65/EU (RoHS)	Restriction of Use of Hazardous Substances

Applied standards and specifications:

EN 62368-1:2014 + AC:2015	Security (Article 3.1(a) of 2014/53/EU)
EN 62479:2010	Health (Article 3.1(a) of 2014/53/EU)

(According to section 4.2 the product automatically complies with this standard, as the radiant power (EIRP), tested according to ETSI EN 300220-1, is lower than the low power exclusion level P_{max} of 20 mW)

ETSI EN 301489-1 V2.2.0	Electromagnetic compatibility
ETSI EN 301489-3 V2.1.1	(Article 3.1(b) of 2014/53/EU)
ETSI EN 300220-1 V3.1.1	Efficient use of the radio spectrum
ETSI EN 300220-2 V3.1.1	(Article 3.2 of 2014/53/EU)

Any modification made to this device without our express permission and approval shall render this declaration null and void.

Steinhagen, 01.09.2017



ppa. Axel Becker
Management