Anleitung für Montage und Betrieb
Funk-Innentaster FIT 2 BiSecur

Instructions for fitting and operating
Radio internal push button FIT 2 BiSecur

Instructions de montage et d’utilisation
Bouton-poussoir sans fil FIT 2 BiSecur

Handleiding voor montage en bediening
Draadloze drukknopschakelaar FIT 2 BiSecur

Istruzioni per il montaggio e l’uso
Radiotastiera interna FIT 2 BiSecur

Instrucciones de montaje y funcionamiento
Pulsador interior vía radiofrecuencia FIT 2 BiSecur

Instruções de montagem e funcionamento
Interruptor interior de radiofrequência FIT 2 BiSecur
Contents

1 About these instructions ................................................................. 15
2 Safety instructions ........................................................................ 15
  2.1 Intended use ........................................................................... 15
  2.2 Safety instructions for operation of the radio internal push button ........................................... 15
3 Scope of delivery ............................................................................ 16
4 Description of the radio internal push button FIT 2 BiSecur .......... 17
5 Fitting ............................................................................................ 17
6 Connection of control elements .................................................... 19
  6.1 Key switches ............................................................................. 19
7 Initial start-up ................................................................................ 20
  7.1 Inserting the battery ................................................................ 20
8 Operation .......................................................................................... 20
9 Learning and inheriting / transmitting a radio code ......................... 21
  9.1 Teaching in a radio code ............................................................ 21
  9.2 Mixed operation / BiSecur and fixed code 868 MHz .................... 22
10 Reset ............................................................................................... 22
  10.1 Set the fixed code 868 MHz ....................................................... 22
11 LED display .................................................................................. 23
12 Cleaning .......................................................................................... 23
13 Disposal .......................................................................................... 23
14 Technical data ................................................................................ 24
15 EC Declaration of Conformity ......................................................... 24

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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.

2 Safety instructions
2.1 Intended use
The radio internal push button FIT 2 BiSecur is a unidirectional transmitter for operators and their accessories. It can be operated with both the BiSecur radio and the fixed code 868 MHz.
Other types of application are prohibited. The manufacturer is not liable for damage caused by improper use or incorrect operation.

2.2 Safety instructions for operation of the radio internal push button

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
</table>

**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 door functions!
- If the door has only one safety feature, only operate the radio internal push button if you are within sight of the door!
- Only drive or pass through remote control door systems if 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
▶ See warning in section 9

**ATTENTION**

Malfunction due to environmental influences
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

**NOTES:**
• If there is no separate garage entrance, perform all programming changes and extensions of radio systems from inside the garage.
• After programming or extending the radio system, perform a function test.
• Only use original components when putting the radio system into service or extending it.
• 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 2 BiSecur
• 1× 1,5 V battery, type: AAA (LR03)
• Fixing material
• Operating instructions
4 Description of the radio internal push button
FIT 2 BiSecur

1 LED, bi-colour
2 Transmitter buttons
3 On/off switch for connected control elements
4 Battery

5 Fitting

1

2
NOTE:
Before fitting the radio internal push button, make sure that the radio code can be received at the desired location. Direct fitting on metal will affect the range. In this case, fit it at a distance of 2-3 cm.
6 Connection of control elements

6.1 Key switches

A key switch can be connected as shown in Figure 4. Here, input E1 corresponds to the top transmitter button and input E2 to the bottom transmitter button. This makes it possible to open and close two garage doors in impulse operation.
7 Initial start-up
After inserting the battery, the radio internal push button FIT 2 BiSecur is ready for operation.

7.1 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 from the radio internal push button if it is out of use for a long period of time.

8 Operation

NOTE:
If the radio code for the taught-in transmitter button was copied from another hand transmitter beforehand, the transmitter button must be pressed a second time 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 radio code is transmitted and the LED is illuminated blue for 2 seconds.

NOTE:
If the battery is almost empty, the LED flashes red twice
a. before transmitting the radio code.
▶ The battery should be replaced soon.
b. and the radio code is not transmitted.
   ▶ The battery must be replaced immediately.

The radio codes can also be sent via an extra connected key switch (see section 6.1). This function can be turned off using the on/off switch.

9 Learning and inheriting / transmitting a radio code

⚠️ CAUTION

Danger of injuries due to unintended door travel
Unintended door travel may occur while teaching in the radio system.
▶ Pay attention that no persons or objects are in the door's area of travel when teaching in the radio code.

9.1 Teaching in a radio code

1. Press the hand transmitter button on hand transmitter A, whose radio code is to be inherited, and keep it pressed.
   – The radio code is transmitted and the LED is illuminated blue for 2 seconds then goes out.
   – After 5 seconds, the LED flashes alternately red and blue, the hand transmitter transmits the radio code.

2. Hold the hand transmitter to the right of the radio internal push button.

3. Press the transmitter button to which the new radio code is to be allocated, and keep it pressed.
   – 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.

NOTE:
You have 15 seconds to inherit/transmit the code. The process must be repeated if the radio code is not successfully inherited/transmitted within this time.
9.2 Mixed operation / BiSecur and fixed code 868 MHz

If the BiSecur radio has been set, mixed operation is possible, i.e. existing hand transmitters with an 868 MHz fixed code (grey hand transmitters with blue buttons or the device designation HSD2-868) can be taught in from the radio internal push button.

10 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 and remove the battery for 10 seconds.
2. Press a transmitter button and keep it pressed.
3. 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.
4. Release the transmitter button.
   All radio codes are newly assigned.
5. Close the radio internal push button housing.

NOTE:
If the transmitter button is released prematurely, no new radio codes are assigned.

10.1 Set the fixed code 868 MHz.

If immediately following the device reset, the transmitter button remains pressed, the fixed code 868 MHz will be activated.
   - 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.
   All radio codes are newly assigned.

NOTE:
If the transmitter button is released prematurely, the BiSecur radio will remain 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
11 LED display

Blue (BU)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illuminated for 2 seconds</td>
<td>A radio code is being transmitted</td>
</tr>
<tr>
<td>Flashes slowly</td>
<td>Radio internal push button is in the learn mode</td>
</tr>
<tr>
<td>Flashes quickly after slow flashing</td>
<td>A valid radio code was detected during the learning run</td>
</tr>
<tr>
<td>Flashes slowly for 4 seconds</td>
<td>Device reset is being performed or completed</td>
</tr>
<tr>
<td>Flashes quickly for 2 seconds</td>
<td></td>
</tr>
<tr>
<td>Illuminated long</td>
<td></td>
</tr>
</tbody>
</table>

Red (RD)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flashes 2×</td>
<td>The battery is almost empty</td>
</tr>
</tbody>
</table>

Blue (BU) and Red (RD)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flashing alternately</td>
<td>The radio internal push button is in inherit/transmit mode</td>
</tr>
</tbody>
</table>

12 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.

13 Disposal

Electrical and electronic devices, as well as batteries, may not be disposed of in household rubbish. They must be returned to the appropriate recycling facilities.
14 Technical data
Type Radio internal push button FIT 2 BiSecur
Frequency 868 MHz
Power supply 1× 1,5 V battery, type: AAA (LR03)
Perm. ambient temperature −20°C to +60°C
Protection category IP 20

15 EC Declaration of Conformity
As defined in the Radio Equipment Directive (RED) 2014/53/EU
Herewith the

Company Hörmann KG Verkaufsgesellschaft
Upheider Weg 94-98
D-33803 Steinhagen

declares that this

Device Radio internal push button for operators and their accessories

<table>
<thead>
<tr>
<th>Article designation</th>
<th>Type designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIT 2 BiSecur</td>
<td>FIT2-868-BS</td>
</tr>
</tbody>
</table>

based on its design and style in the marketed version is in accordance with the basic requirements and other relevant requirements of the Radio Equipment Directive (RED) 2014/53/EU.

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

Applied and consulted standards and specifications:
EN 60950-1
EN 300 220-1
EN 300 220-2
EN 301 489-1
EN 301 489-3

This device may be operated in all EU nations, Norway, Switzerland and other countries.
Steinhagen, 13.06.2016

ppa. Axel Becker, Management