ABUS
Security Tech Germany

FUBE60010

INSTALLER MANUAL

Secoris wireless remote control

abus.com

1.0

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1. General

1.1. Introduction

Thank you for choosing the **Secoris wireless remote control**, a product from ABUS Security Center (also known as "ABUS" for short).

This manual contains important descriptions, technical data, overviews and further information on project planning, start-up and operation of the **Secoris wireless remote control** in conjunction with the Secoris or Secvest intruder alarm system.

The products/systems described here may only be installed and maintained by persons who are qualified for the respective task. Qualified personnel for installation and maintenance of the system are usually trained ABUS specialist partners.

1.2. Intended use / Legal information

The responsibility for the legally compliant use of the product lies with the purchaser or customer and the end user. In accordance with the manufacturer's liability for its products as defined in the Product Liability Act, the above information must be observed and passed on to operators and users. Non-compliance releases ABUS Security Center from legal liability.

Use that is not agreed or not usual, as well as repair work or modifications not expressly authorised by ABUS and improper servicing can lead to malfunctions and must be avoided. Any modifications not expressly authorised by ABUS will result in the loss of liability, warranty and separately agreed guarantee claims.

Architects, technical building planners (technical building services) and other consulting institutions are required to obtain all necessary product information from ABUS in order to fulfil the information and instruction obligations in accordance with the Product Liability Act. Specialist dealers and installers are required to observe the information in the ABUS documentation and to pass it on to their customers if necessary.

Further information can be found at www.abus.com on the general page or for dealers and installers in the partner portal at www.partner-asc.abus.com

1.3. Customer service / Customer support

For further assistance, please contact our support team: support@abus-sc.com

General information on the **Secoris wireless remote control** can be found on our homepage at: https://abus.com/products/FUBE60010

1.4. Edition notice

1st Edition English 06/2023

With the publication of newer installation instructions, this edition loses its validity.

All rights reserved. No part of these installation instructions may be reproduced in any form or duplicated or processed using electronic, mechanical or chemical processes without the written consent of the publisher.

ABUS Security Center accepts no liability for technical or typographical errors and their consequences. The information in these installation instructions has been compiled to the best of our knowledge and belief, taking into account the current state of the art. It is regularly reviewed and updated or corrected as necessary.

All trademarks and industrial property rights are recognised. Changes in the sense of technical progress can be made without prior notice.

1.5. Explanation of symbols

The following symbols are used in these installation instructions:

Symbol	Signal word	Meaning
	Caution	Indicates a risk of injury or health hazard due to electrical voltage
	Important	Indicates possible damage to the device/accessories or a risk of injury or health hazards
	Note	Indicates important information

2. Functional principle and features

2.1. Product features

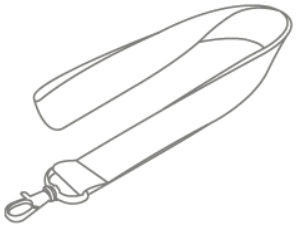
The **Secoris wireless remote control** is a wireless remote control for controlling the Secoris or Secvest intruder alarm system. It communicates with 868 MHz narrowband receivers from ABUS. The FUBE60010 is assigned to a user and can arm, internally arm or disarm the Secoris or Secvest intruder alarm system or individual partitions of the system at the touch of a button. In addition, the protection status of the system can be queried at the touch of a button.

Main features:

- Buttons for arming, internally arming, disarming and querying the protection status
- Coloured LED indicators as confirmation of the executed command
- Impact-resistant design
- Voltage monitoring and battery empty signal.
- Operating modes for use with the Secoris (Secoris wireless) or Secvest (Secvest wireless) intruder alarm system.
- Certified according to EN 50131 Grade 2

Main features in Secoris radio mode:
Radio communication is AES128-encrypted and replay-safe
The remote control is configured via the control panel or the web interface of the Secoris/Secvest alarm panel

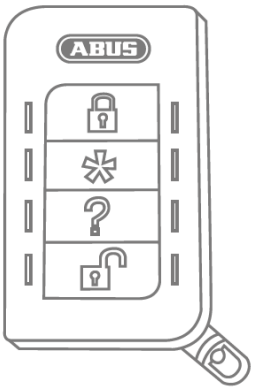
2.2. Scope of delivery

		
1 x FUBE60010 remote control	1 x CR2450 battery	1 x lanyard
1 x Quick Guide	1 x safety instructions	

2.3. Device description

Product structure

Button	Function
	Arming button
	Internal arming button (factory setting)/ Output switching button
	Status query
	Disarming button



2.4. Compatibility

The **Secoris wireless remote control** is compatible with the following products

Alarm panels:

- Secoris ESEZ60500 and ESEZ70500 via radio expander BUM060040 or BUM060030
  - Required alarm panel firmware version: 2.00.09 or higher.
- Secvest FUAA50000 and Secvest Touch FUAA50500
  - Required alarm panel firmware version: 3.00.11 or higher.

Components:

- Secoris wireless repeater FUM060010
- Secvest wireless repeater FUM050010

2.5. Technical data

Product name / Article number	Secoris wireless remote control / FUBE60010
Dimensions (WxHxD)	36.2 x 62 x 17 mm
Weight	35 g
Display	8 status LEDs Status LED for software status, arming/disarming, transmission/status display
Operating temperature	+5 °C to +55 °C
Environmental class	II (EN 50131-1 + A1 + A2 + A3)
Air humidity	0 - 95%, non-condensing
Radio frequency / modulation	Secoris wireless: 868.0 - 868.5 MHz / G2FSK Secvest wireless: 868.6625 MHz / G2FSK
Transmission power, wireless	10 mW
Wireless range	200 m free field
Required signal strength	The value must be at least 3 and ideally > 5.
Operating voltage	3 V DC
Battery type / typical capacity per cell	Lithium battery, 1 x CR 2450 Li-Mn 3 V / 620 mAh
Recommended battery:	Renata CR2450N, Varta CR2450
Power consumption	4 µA (standby current) 25 mA max.
Undervoltage threshold value of the battery / reset	Fault "Low battery" at <2.4 V. If the voltage falls below the threshold of 2.4 V, a fault message is sent to the alarm panel. / Reset takes place at 2.5 V
Battery lifetime	up to 3 years
Power supply type	Type C (EN 50131-1 + A1 + A2 + A3:2020)
Security grade	Grade 2 (EN 50131-1 + A1 + A2 + A3)
Conformity	is compliant with EN 50131-1+A1+A2+A3:2020, EN 50131-3:2009 and EN 50131-5-3:2017 when properly installed in conjunction with the Secoris BUS radio expander BUM060030 or Secvest wireless alarm system FUAA50xxx.
Certification body:	LOSS PREVENTION CERTIFICATION BOARD LPCB 1712a EN 50131-3:2009 EN 50131-5-3:2017
EU Directives	RED: 2014/53/EU, EMC: 2014/30/EU RoHS: 2011/65/EU + 2015/863 + 2017/2102 General safety: 2001/95/EC

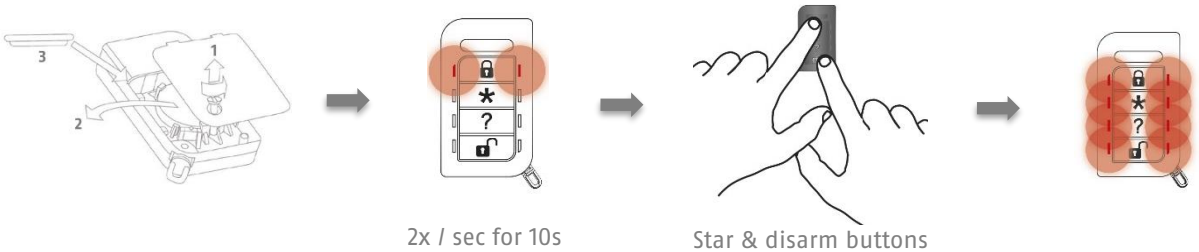
3. Start-up

3.1. Setting radio mode

When delivered, the remote control is in Secoris radio mode.

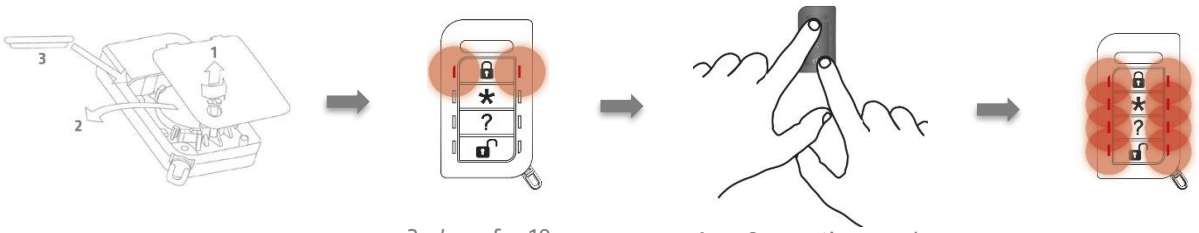
Switching from Secoris to Secvest radio mode:

- Open the housing of the remote control
- Insert the battery into the remote control or remove the plastic strip from the battery -> the remote control starts and is in configuration mode for 10 seconds (arm LED flashes 2x per second)
- Press the **star and disarm buttons** simultaneously **within 10 seconds**. A successful change of radio mode is signalled by all LEDs lighting up and going out and then flashing three times.



Switching from Secvest to Secoris radio mode:

- Open the housing of the remote control
- Insert the battery into the remote control or remove the plastic strip from the battery -> the remote control starts and is in configuration mode for 10 seconds (arm LED flashes 2x per second)
- Press the **arm and question mark buttons** simultaneously **within 10 seconds**. A successful change of radio mode is signalled by all LEDs lighting up and going out and then flashing three times.



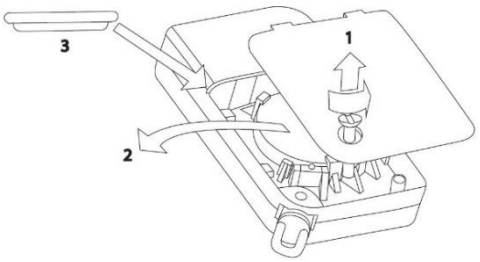
Note	Switching from Secoris radio mode to Secvest radio mode is only possible if the remote control is in the delivery state. You can find out how to perform a reset in section 3.2.4

3.2. Start-up in Secoris radio mode

Note	Set the radio mode **before** putting the device into operation. • **Switching from Secoris radio mode to Secvest radio mode is only possible if the remote control is in the delivery state. You can find out how to perform a reset in section 3.2.4**

3.2.1. Inserting batteries

To start the remote control in Secoris radio mode, insert the batteries into the battery compartment.



The Secoris radio mode is set on delivery. The remote control initially starts in configuration mode for 10 seconds and you can recognise this by the fact that the arm LED flashes 2x per second. After this time has elapsed, the remote control is ready to be programmed and the arm LED flashes 3x per second.

3.2.2. Programming the remote control (via the control panel)

- Enter the user menu with the user to whom the remote control is to be assigned
- Select "Users – Edit User – User 001 – Remote – " and add the remote control when prompted by pressing any button.
  - The name "User 001" is an example.
- The remote control starts flashing rapidly
- You will receive confirmation of the successful operation on the alarm panel display
- (Alternatively, you can add a remote control directly when creating a new user)

3.2.3. Function tests (via the control panel)

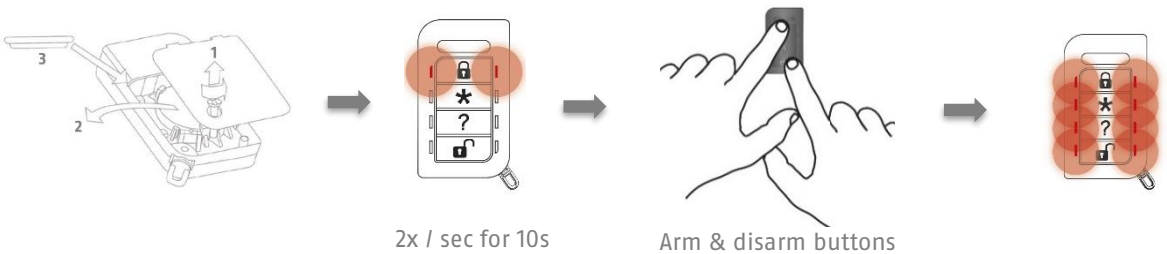
To ensure that your remote control is working properly, you should carry out a function test.

- Enter the user or installer menu on the Secoris
- Select "Test – Remote"
- Carry out the steps described in the display. You will receive feedback here on the buttons you have pressed.

3.2.4. Resetting the remote control (Reset)

After deleting the remote control from the Secoris, it is also necessary to reset the remote control itself. It is then possible to program this again or operate it in a different radio mode.

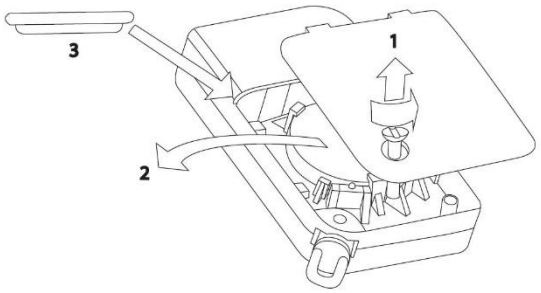
- Remove the battery from the remote control
- Important: wait 30 seconds
- Insert the battery again – the remote control starts in configuration mode (flashes 2x/sec.)
- Press the arm and disarm buttons on the remote control simultaneously within 10 seconds
- A successful reset is signalled by running illumination of all LEDs



3.3. Start-up in Secvest radio mode

Note	The Secvest radio mode is explained here using the Secoris system as an example – but applies analogously to the Secvest intruder alarm system.

3.3.1. Inserting batteries



When the remote control is delivered, Secoris radio mode is set. If you want to use the remote control in Secvest radio mode, this must be set as described in *3.1. Setting radio mode* as described above. If the remote control has already been programmed, a reset as described in 3.2.4. is required first.

3.3.2. Programming the remote control

- Enter the user menu with the user to whom the remote control is to be assigned
- Select "Users – Edit User – Remote" and add the remote control when prompted by pressing any button.
- You will receive confirmation of the successful operation on the alarm panel display.
- (Alternatively, you can add a remote control directly when creating a new user)

3.3.3. Function tests

To ensure that your remote control is working properly, you should carry out a function test.

- Enter the user or installer menu on the Secoris
- Select "Test – Remote"
- Carry out the steps described in the display. You will receive feedback here on the buttons you have pressed.

3.3.4. Resetting the remote control (factory reset)

- It is not necessary to reset the remote control after using legacy mode. If the remote control was previously used in Secoris radio mode, proceed as described in 3.2.4.

3.4. Settings on the alarm panel (via the control panel)

After programming the remote control, you can make the following settings:

- User menu – Users – Edit Users – Remote Partition – Allocate Partions that are to be switched by the remote control (option not available for master users)
- Configuration - Remote:
  - Edit
    - Used to edit the button programming, i.e. the "star" button can be programmed here either to internal arming or to switch an output.
  - Delete
    - Deletes a selected remote control.
  - Remove all
    - Deletes all remote controls.
  - Disarm
    - Activates or deactivates the ability of remote controls to disarm the system.
  - HUA Function
    - Activates or deactivates the ability of the remote controls to generate hold-up alarms (HUAs)

4. Operation & maintenance

4.1. Functions & operation of the LEDs

- Arming button:
  - Lights up green for 5s -> system successfully activated
  - Flashing red quickly -> system could not be activated

- Partial arming button (star):
  - Short red flash -> partition successfully armed
  - Flashing red quickly -> partition could not be armed
- Disarming button:
  - Lights up green for 5s > system successfully deactivated
  - Lights up green for 5s & then flashes red quickly -> system has been deactivated after an alarm
- Question mark button:
  - After pressing the question mark button, this confirms the query by flashing green and then displays the current status of the system for the respective button -> armed, disarmed or partially armed
- All LEDs illuminate and go out:
  Confirmation of completed programming -> e.g. changeover of radio mode or factory reset

Note	To ensure that the remote control commands are executed correctly and displayed correctly by the remote control LEDs, a waiting time of at least 5 seconds must be observed after the action has been executed and the LEDs have lit up.
Note	The wireless remote control communicates with all Secoris radio expanders that have been set to the corresponding radio standard (Secoris wireless or Secvest wireless). With Secoris radio mode, the radio channel setting (868.09 MHz, 868.23 MHz, 868.37 MHz or 868.51 MHz) is irrelevant, as the wireless remote control carries out communication on all channels.

4.2. Fault monitoring

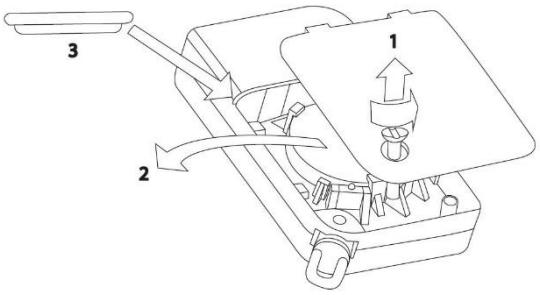
The following is monitored:
Battery voltage: The remote control monitors the battery voltage and reports faults to the control panel.

4.3. Maintenance

During routine maintenance, check that the remote control is working properly.
Check the functionality of the remote control by carrying out the tests described in 3.2.3
Clean the remote control with a dry cloth as required.
Replace the batteries every three years or when the alarm panel displays "Low battery remote". You can find the battery type to be used as a replacement under **Technical data**.

Note	Wait 30 seconds after removing the old battery before inserting the new battery.

How to replace the batteries:



- Undo the screw on the battery cover and open the cover.
- Remove the battery.
- Wait 30 seconds and then insert the new battery.
- Close the cover, tighten the cover fixing screws.
- Test the system.

5. Warranty

- ABUS products are designed and manufactured with the greatest care and tested according to the applicable regulations.
- The warranty only covers defects caused by material or manufacturing errors at the time of sale. If there are demonstrable material or manufacturing errors, the module will be repaired or replaced at the guarantor's discretion.
- In such cases, the warranty ends when the original warranty period of two years expires. Further claims are expressly excluded.
- ABUS is not liable for defects and damage caused by external influences (e.g. transport, use of force, incorrect operation), improper use, normal wear and tear or failure to observe these instructions and the maintenance instructions.
- When asserting a warranty claim, the original proof of purchase with the date of purchase and a brief written description of the defect must be enclosed with the product subject to complaint.
- Should you discover a defect on your product that was already present at the time of purchase, please contact your dealer directly within the first two years.

6. Disposal instructions

Dispose of the device in accordance with EU Directive 2012/19/EU – WEEE (Waste Electrical and Electronic Equipment). If you have any questions, please contact the municipal authority responsible for disposal. Information on collection points for waste equipment can be obtained from your local authority, from local waste disposal companies or your retailer, for example.

Disposal of batteries
Only return lithium batteries and battery packs to the collection points when they are discharged! Please take precautions against short circuits (e.g. by insulating the poles with adhesive tape).

7. Conformity

7.1. EU Declaration of Conformity

Hereby, ABUS Security Center GmbH & Co. KG declares that the wireless remote control FUBE60010 is in compliance with Directive 2014/53/EU.
The full EU Declaration of Conformity text can be found at:
abus.com > Article search > FUBE60010 > Downloads.

7.2. Conformity according to EN 50131

The FUBE60010 is compliant with EN 50131-1+A1+A2+A3:2020, EN 50131-3:2009 and EN 50131-5-3:2017 when properly installed in conjunction with the Secoris BUS radio expander BUM060030 or Secvest wireless alarm system FUAA50xxx.

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