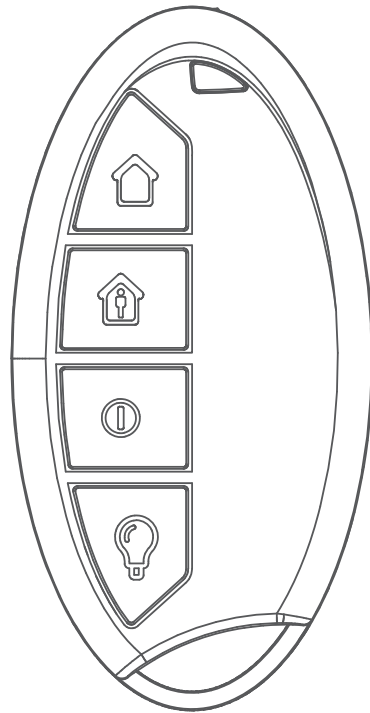


Alpha IP

KRCA 63001



Instruction manual

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1 About these instructions

1.1 Validity, storage and forwarding of the instructions

These instructions apply to the Alpha IP Key Ring Remote Control – Alarm (KRCA 63001). These instructions include information necessary for commissioning and operating. These instructions must be read completely and thoroughly before commencing any work with the device. These instructions must be kept and handed over to future users.



These instructions as well as constantly up-to-date additional Alpha IP system information can be found under www.alphaip.de.



System information, functions and operating steps from the Alpha IP Access Point (HAP 2001) instructions must be followed.

1.2 Symbols

The following symbols are used in this manual:

**Note:**

Identifies important or useful information

- ⇒ Preconditions
- ✓ Result from an action
- List without fixed order
- 1., 2. List with fixed order

2 Safety

2.1 Intended use

The Alpha IP Key Ring Remote Control – Alarm is a system component of the Alpha IP System and serves as

- a component for Alpha IP security applications,
- for controlling other Alpha IP devices and alarm functions,
- for the wireless connection and communication of further Alpha IP components.

Every other use, modification, and conversion is expressly forbidden. Improper use leads to dangers the manufacturer cannot be held liable for and will exempt guarantees and liabilities.

2.2 Safety notes

All safety notes in these instructions must be observed in order to avoid accidents with personal damage or property damage. No liability is assumed for personal damage and property damage caused by improper use or non-observance of the danger notes. In such cases any warranty claim is invalid. There is no liability for consequential damages.

- Only use the device if it is in flawless state.
- Observe the performance limits of the device and its environmental conditions.
- Only operate the device in a dry and dust-free environment.
- Do not expose the device to the influence of humidity, vibration, continuous solar radiation or other types of radiation, coldness or mechanical load.
- Ensure that children do not play with this device or its packaging. Children must be monitored if necessary.
- Do not throw packaging material carelessly away. Plastic foils, bags, styrofoam parts etc. may become a dangerous plaything in the hands of children.

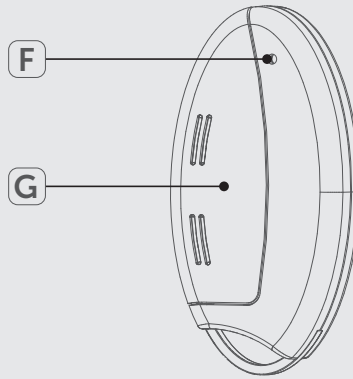
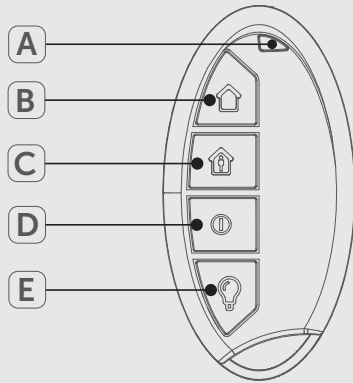
3 Function

The Alpha IP Key Ring Remote Control – Alarm (KRCA 63001) controls alarm functions and the activation and deactivation of illumination in the Alpha IP system. The alarm functions can be configured in the Alpha IP app. The functions can be activated and deactivated with the keys of the key ring remote control.

Communication with other components is performed via the Homematic (HmIP) radio protocol. Radio transmission is realised on a non-exclusive transmission path; thus, interference cannot be completely excluded. Interference can be caused e. g. by switching processes, electric motors or defective electric appliances.



The range inside buildings can be strongly different from the range in open air.



4 Device overview

- (A) Device LED
- (B) Key 1, "Full protection"
- (C) Key 2, "Envelope protection"
- (D) Key 3, "Disarmed"
- (E) Key 4, "Light" (on/off)
- (F) System key
- (G) Battery compartment (cover)

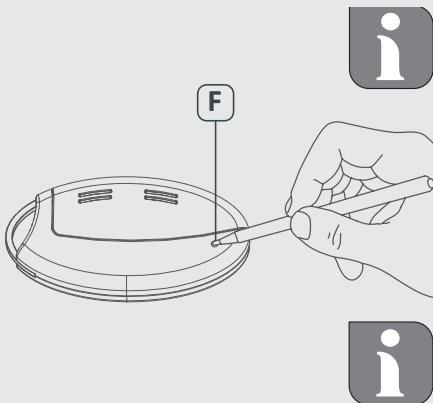
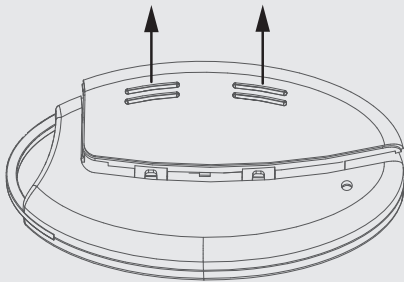
4.1 Technical Data

Short designation of the device	KRCA 63001
Supply voltage	1 x 1.5 V LR03/Micro/AAA
Power consumption	max. 100 mA
Battery service life	2 years (typ.)
Protection type	IP20
Ambient temperature	-10 to 55 °C
Dimensions (W x H x D)	38 x 75 x 14 mm
Weight	38 g (including batteries)
Radio frequency	868.3 MHz / 869.525 MHz
Typical radio range	200 m (in open air)
Packaging dimensions	122 x 93 x 36 mm
Receiver category	SRD category 2
Duty cycle	< 1 % per h / < 10 % per h
Guidelines	2014/53/EU Radio installations 2014/30/EU EMC 2011/65/EU RoHs

5 Commissioning

5.1 Teach-in of the device

Prior to operating the KRCA 63001, it must be integrated into the Alpha IP system via the Access Point (HAP 21001). For this, teach-in the device as follows.



⇒ The Alpha IP Access Point has been set up via the Alpha IP app.

1. Open the Alpha IP app on your smart phone.
2. Select the menu item Teach-in device.
3. Open the battery compartment (see figure on the left).
Slide the battery compartment cover open with a little pressure.
The cover remains connected to the device.
4. Remove the insulating strip from the battery compartment. The teach-in mode is automatically activated for three minutes.

The teach-in mode can be activated manually for 3 minutes via the system key (F) (see figure on the left).

5. The device will be displayed automatically in the app.
6. For confirmation of the teach-in process, enter the last four digits of the device number (SGTIN) in the app or scan the supplied QR code.
The device number can be found in the battery compartment.

The LED will light up in green after a successful teach-in process. The process must be repeated if the LED lights up in red.

7. Follow the directions of the Alpha IP app.

6 Operation

The four function keys of the Alpha IP Key Ring Remote Control will control the alarm functions of the security solution and the light control. The device must have been previously taught in to the Alpha IP system via the Alpha IP Access Point.



Key "Full protection" (B):

The alarm function is activated, all sensors of the function are "armed".

Key "Envelope protection" (C):

The alarm function is activated, moving within the building is still possible.

Key "Disarmed" (D):

The alarm function is deactivated.

Key „Light" (E):

Switches individually defined light sources, e. g. in conjunction with the Alpha IP Pluggable Switch; a short press of the key switches on, and a long press switches off.

7 Displays

The LED of the system key of the device signals the device status by means of light and flashing patterns.

7.1 Status displays


Display	Meaning	Meaning
Long lighting in green	Process confirmed	Confirmation of performed setting/transmission.
1 lighting in orange and 1 lighting in green (after plugging into a power outlet)	Test indication	Wait until the device is ready.
Short flashing, orange	Radio transmission	Wait until the transmission has ended.
Short flashing, orange (once every 10 seconds)	Teach-in mode active	Enter the last four digits of the serial number of the device.
Long/short flashing, orange (alternately)	Updating the device software	Wait until the update is finished.

7.2 Error indications

Display	Meaning	Solution
Long lighting in red	Transmission error, transmission limit reached (duty cycle)	<ul style="list-style-type: none"> • Re-send the command after one hour at the latest in case of exceeded duty cycle. • Check the device for defects, • e. g. mechanical blocking. • Eliminate radio interference.

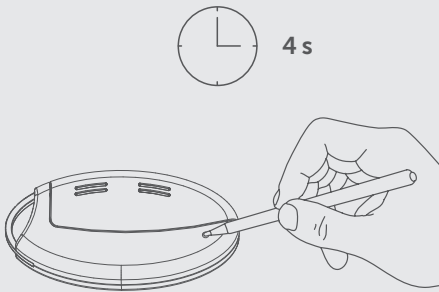
Display	Meaning	Solution
6x long flashing, red	Device defective	<ul style="list-style-type: none">• Observe the indication in the app.• Have the device checked by a specialist dealer.• Replace the device.
Short flashing, orange	Batteries empty	<ul style="list-style-type: none">• Change the batteries

8 Changing the batteries

A low battery voltage is indicated by flashing codes on the device (see „Displays“ page 21) or by the symbol  in the Alpha IP app. Replace the battery.

9 Cleaning

Clean the device with a soft, clean, dry, and lint-free cloth. The cloth may be moistened with lukewarm water for the removal of heavier contamination. Use a solvent-free cleaning agent for cleaning.



10 Resetting factory settings

All settings will be lost when the factory settings are restored.

1. Open the battery compartment (see „Teach-in of the device“ page 19).
 2. Remove the battery.
 3. Insert the battery into the battery compartment according to the marking and simultaneously press the system key for 4 seconds until the LED flashes quickly in orange (see figure on the left).
 4. Release the System key.
 5. Press the System key again for 4 seconds until the LED lights up in green.
 6. Release the System key again.
- ✓ The device restarts.
 - ✓ The factory settings are reset.

11 Decommissioning

1. Open the battery compartment.
2. Remove the battery.
3. Dispose of the device properly.

12 Disposal

Do not dispose of the device with domestic waste!

Electronic devices/products must be disposed of according to the Directive for Waste Electrical and Electronic Equipment at the local collection points for waste electronic equipment.



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