

# **EWK3 WIRELESS KEYFOB**

by Eldes Alarms

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## 1. For a regular user

[vc\_row][vc\_column][vc\_column\_text]Let's keep it simple  
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### 1.1. Meet your new friend

[vc\_row][vc\_column][vc\_single\_image image="35737? img\_size="large" alignment="center" onclick="zoom"]

[vc\_column\_text]**What is KeyBoB?**

It is:

Your fellow, that allows to control Your smart home and security system without a smartphone;

Soft touch;

Colorful;

Supercharged with Eldes LTC technology, no need to change battery at least 10 years;

Precise command feedback by LED indicator and Sound;

Call for an emergency when in need (panic alarm feature);

Have a name[/vc\_column\_text][vc\_column][vc\_row][vc\_row][vc\_column][vc\_column][vc\_row]

### 1.2. The list of actions

#### What can I do with it?

Control your alarm system (arm/disarm/Stay arm);

Control 4 different partitions with a single device;

When in danger, instantly trigger inaudible panic alarm;

Give visual feedback about system status, indicated by different LED lights;

We strongly suggest to replace default remote controls for You personal Garage doors, cause those can be easily duplicated. Contact you installer for more details.

Control wired and wireless automation, for example:

- entry gates
- garage doors
- automated barriers
- lights
- air conditioning
- watering
- heating
- roller blinds
- various home appliances

### 1.3. First steps

#### How to start using EWK3?

Easy as 1-2-3!

1) Download and launch *Eldes Utility* configuration software;

2) Add device to the system (wake it up by pressing any button and disarm button repeat);

3) Let your key fob take care of the rest.

For more detailed step-by-step explanation, please click **here** (vietoj HERE reikia nuorodos ? full tech specs advanced Guide meniu skyriuje).

### 1.4. Some Magic Numbers

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Compatibility with Eldes alarm systems	Compatible with: Pitbull Alarm PRO and ESIM384
Non-compatible with	Pitbull Alarm and ESIM364, ESIM264 or any other alarm system
Battery*	3V Lithium CR2450
Key fob measurements	69x35x12,6 mm
Radio frequency	ISM868
Operating temperature range	-10...+55°C (14...+131°F)
Humidity	0-90% RH (non-condensing)

For more tech specs, click **here** (<https://eldesalarms.com/lt/keybob/#technicalspecifications>) (vietoj here prid?ti nuoroda ? full tech specs Advanced Guide skyriuje).

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## 1.5. Vital tips

[vc\_row][vc\_column][vc\_column\_text]**Maintenance, battery and restore to default**

Ho to change Restore to default: remove key fob from peripheral device list via Utility software; press and hold buttons  and  simultaneously for ~ 10 seconds and wait until LED indicator (red) and the internal buzzer provide several short flashes and beeps simultaneously

Ho to change enclosure: gently remove the old enclosure (avoid bruising and scratching it for a possible return) and change it with a new one

Ho to change the battery: open enclosure, remove the old battery and insert the new battery correctly[/vc\_column\_text][vc\_column][vc\_row][vc\_row][vc\_column][vc\_column][vc\_row]

## 2. For an advanced user

Willing to learn everything? Carry on...

### 2.1. Product description

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EWK3 is a wireless device intended to remotely arm and disarm ELDES alarm system, cause inaudible Panic alarm or control any electric appliance connected to the alarm system’s PGM output. The maximum wireless connection range is 1700m (5577ft) in open areas.

By default, none of EWK3 buttons are pre-configured. Thus, user can configure each keyfob depending on the personal preferences. A single EWK3 keyfob allows to complete up to 8 possible actions (i.e. 2 actions can be assigned to each button). ELDES alarm system supports up to 10 EWK3 devices with the custom configuration.

**Main features:**

- Alarm system arming & disarming;
- PGM output control;
- Arming/disarming partitions simultaneously;
- Arming in Stay mode;
- Up to 8 actions with a single keyfob;
- Keyfob assignment to an individual user;
- Visual and audio indication of command status.

**CONTENTS OF PACK**

Item	Quantity
1. EWK3	1
2. CR2450 3V lithium battery	1

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**2.2. Electrical & Mechanical Characteristics**

[vc\_row el\_id="#technicalspecifications"][vc\_column][vc\_single\_image image="32039?img\_size=medium"][/vc\_column\_text]

**i** Pic. No. 1 reflects the default EWK3 button configuration. All key fob buttons are configurable according to individual needs via Eldes Utility software.

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Battery type	3V Lithium CR2450* type 5029LC (ANSI/NEDA)
Quantity of batteries	1
Operating temperature range	-10...+55 °C (14... +131°F)
Humidity	0-90% RH @ 0... +40°C (0-90% RH @ +32... +104°F)
Battery operating time	~10 years, or time period equivalent to 10,000 button

	presses*
Wireless band	ISM868
Wireless communication range	Up to 1700m (5577ft) in open areas
Dimensions	69x35x12.6mm (2.72x1.38x0.496in)
Compatible with	ESIM384; PITBULL ALARM PRO

\* CR2450 3V lithium battery used as standard. Also CR2320 3V lithium battery can be used with specially adapted battery holder. The battery is included in the device.

\*\* This operation time can be achieved by pressing the keyfob button up to 4 times per day. The operation time depends on different conditions and may vary.

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## 2.3. Actions overview

[vc\_row][vc\_column][vc\_column\_text]In order to start using wireless keyfob EWK3, it has to be paired with ELDES alarm system using ELDES Utility software (see chapter 4. **PAIRING WITH THE ALARM SYSTEM**).

EWK3 keyfob features 4 configurable buttons, intended to operate according to individual needs. User may choose up to 8 actions for a single keyfob: 4 short press actions (i.e. to assign 1 “click and release” type of action to each button) and 4 long press actions (i.e. to assign 1 “click and hold” type of action to each button). User can set any action to any button (the only exception is Panic action – for long press only).

Below you’ll find the list of all possible actions and the description of each action:

**Arm System (Instant)** – After the button is pressed, this function instantly arms the system. EWK3 internal buzzer will emit 5 short beep sounds, LED indicator (red) will light up, confirming a transferred command to ELDES alarm system via wireless connection. Otherwise, EWK3 internal buzzer will emit 1 long beep sound and LED indicator (red) will light up or flash quickly, informing user about unsuccessful attempt to transfer command (due to the system’s violation (action failed) or the wireless connection loss (out of range)).

**Arm (Exit Delay)** – After the button is pressed, this function arms the system after exit delay countdown is over (by default, exit 15 seconds). EWK3 internal buzzer will emit 5 short beep sounds, LED indicator (red and green) will flash alternately, confirming a transferred command to ELDES alarm system via wireless connection. Otherwise, EWK3 internal buzzer will emit 1 long beep sound and LED indicator (red) will light up or flash quickly, informing user about unsuccessful attempt to transfer command (due to the system’s violation (action failed) or the wireless connection loss (out of range)).

**Arm (Stay mode)** – After the button is pressed, this function arms the system in Stay mode. EWK3 internal buzzer will emit 5 short beep sounds, LED indicator (red and green) will light up, confirming a transferred command to ELDES alarm system via wireless connection. Otherwise, EWK3 internal buzzer will emit 1 long beep sound and LED indicator (red) will light up or flash quickly, informing user about unsuccessful attempt to transfer command (due the system’s violation (action failed) or the wireless connection loss (out of range)).

**Disarm** – After the button is pressed, this function disarms the system. EWK3 internal buzzer will emit 2 long

beep sounds, LED indicator (green) will light up, confirming a transferred command to ELDES alarm system via wireless connection. Otherwise, EWK3 internal buzzer will emit 1 long beep sound and LED indicator (red) will flash quickly, informing user about unsuccessful attempt to transfer command (due to the wireless connection loss (out of range)).

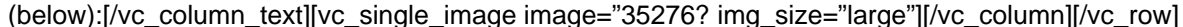
**Turn output ON** – After the button is pressed, this function turns ON the selected PGM output. EWK3 internal buzzer will emit 1 quick beep sound, LED indicator (green) will quickly flash once, confirming a transferred command to ELDES alarm system via wireless connection (action success). Otherwise, EWK3 internal buzzer will emit 1 long beep sound and LED indicator (red) will light up or flash quickly, informing user about unsuccessful attempt to transfer command (due to the system's violation (action failed) or the wireless connection loss (out of range)).

**Turn output OFF** – After the button is pressed, this function turns OFF the selected PGM output. EWK3 internal buzzer will emit 1 quick beep sound, LED indicator (green) will quickly flash once, confirming a transferred command to ELDES alarm system via wireless connection (action success). Otherwise, EWK3 internal buzzer will emit 1 long beep sound and LED indicator (red) will light up or flash quickly, informing user about unsuccessful attempt to transfer command (due to the system's violation (action failed) or the wireless connection loss (out of range)).

**Toggle (Output)** – After the button is pressed, this function changes the status of the selected PGM output (ON or OFF, depending on the previous status). EWK3 internal buzzer will emit 1 quick beep sound, LED indicator (green) will quickly flash once, confirming a transferred command to ELDES alarm system via wireless connection (action success). Otherwise, EWK3 internal buzzer will emit 1 long beep sound and LED indicator (red) will light up or flash quickly, informing user about unsuccessful attempt to transfer command (due to the system's violation (action failed) or the wireless connection loss (out of range)).

**Panic** – After the button is pressed, this function triggers virtual panic alarm (NOTE: this action is available only for Long Press setting). LED indicator (red) will light up and therefore confirm a transferred command to ELDES alarm system via wireless connection, while EWK3 internal buzzer will remain silent (in case when Panic action is set, keyfob's buzzer is always disabled due to security reasons). Otherwise, EWK3 LED indicator (red) will flash quickly, informing user about unsuccessful attempt to transfer command (due to the wireless connection loss (out of range)).

**Pulse** – 1234... (coming up...)

Additionally, you can find all the previously described actions in one image (below):  


## 2.4. step-by-step guide

In order to pair the device with the alarm system, you'll have to complete the following:

- 1) Run ELDES Utility software.
- 2) In software's menu, open Peripheral Devices section to see the list of all wireless devices;
- 3) When in Peripheral Devices section, press the keyfob button one time (any button on EWK3) and your keyfob will instantly appear in the list;
- 4) Click Add to System button, located next to the unpaired wireless keyfob icon (grey icon);
- 5) Press the keyfob button (disarm button on EWK3) once to complete the pairing process.
- 6) If the pairing is successful, keyfob's LED indicator (green) will light up, and the icon next to EWK3 device will turn GREEN.
- 7) EWK3 is ready for use.

**NOTE:** If you are unable to pair the wireless device, please restore the parameters of the wireless device to



default and try again (see chapter **6. RESTORING DEFAULT PARAMETERS**).[/vc\_column\_text][vc\_column][vc\_row]

## 2.5. How to replace the old battery

1. Open EWK3 enclosure.
2. Remove the old battery from the battery slot.
3. Position (insert) the new battery according to the appropriate battery slot.
4. Battery is replaced.

## 2.6. How to restore the keyfob

[vc\_row][vc\_column][vc\_column\_text]1. Launch Eldes Utility software, go to Peripheral Devices section, remove previously added EWK3 keyfob by clicking Remove located next to the paired wireless device icon.

2. Press and hold  and  buttons simultaneously.
3. Hold those buttons pressed (approx. for 10 seconds) until LED indicator (red) and the internal buzzer provide several short flashes and beeps simultaneously.
4. Release the buttons.
5. Default parameters are restored.[/vc\_column\_text][vc\_column][vc\_row]

## 2.7. What not to do

Please read and follow these safety guidelines in order to maintain safety of operators and people around:  
 DO NOT use the system where it can be interfere with other devices and cause any potential danger.  
 DO NOT use the system with medical devices.  
 DO NOT use the system in hazardous environment.  
 DO NOT expose the system to high humidity, chemical environment or mechanical impacts.  
 DO NOT attempt to personally repair the system.

ATTENTION: Only CR2450 3V or CR2320 3V (with specially adapted battery holder) can be used. Install only new, high quality and unexpired batteries.

ATTENTION: The battery must be removed if the device is unpaired from the system and not in use.

ATTENTION: In order to avoid fire or explosion hazards, special care must be taken when connecting positive and negative battery terminals. Dispose old batteries only into special collection sites. Do not charge, disassemble, heat or incinerate old batteries.

NOTE: The battery status can be monitored in real-time using ELDES Utility software.

## 2.8. Warranty and liability

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### Warranty procedures

Warranty and out of warranty service should be obtained by contacting the system integrator/dealer/retailer/ e-tailer or distributor where the customer purchased the product. When requesting for service, the proof of purchase and the product serial number must be provided. The return of the defective product should be strictly through the original route of purchase, and the customers shall pack the product appropriately to prevent the returned product



from suffering in the transportation.

## Technical support

In order to ensure continuous and proper operation of the EWK3 device and uninterrupted service, it is the responsibility of the User to make sure that: (I) the product is properly installed, and (II) there is constant internet or GSM connection and electrical supply (low battery must be replaced in time). If you experience difficulty during the installation or subsequent use of the system, you may contact ELDES, UAB distributor or dealer in your country/ region. For more information see [eldesalarms.com\(https://eldesalarms.com/\)](https://eldesalarms.com/)

## Limited liability

The buyer must agree that the system will reduce the risk theft, burglary or other dangers but does not provide guarantee against such events. "ELDES, UAB" will not assume any responsibility regarding personal or property, or revenue loss while using the system. "ELDES, UAB" will also assume no liability due to direct or indirect damage or loss, as well as unreceived income when using the system, including cases, when the damages arise due to the above mentioned risks; when due to breakdown or malfunction the user is not informed in a timely manner about a risk which has arisen. In any case, the liability of "ELDES, UAB", as much as it is allowed by the laws in force, shall not exceed the price of acquisition of the product.

## Manufacturer warranty

"ELDES, UAB" warrants this system only to the original purchaser and only in case of defective workmanship and materials under normal use of the system for a period of twenty four (24) months from the date of shipment by the "ELDES, UAB" (Warranty Period). Warranty obligations do not cover expandable materials (power elements and/or batteries), holders and enclosures. The warranty remains valid only if the system is used as intended, following all guidelines outlined in this manual and in accordance with the operating conditions specified. The warranty is void if the system has been exposed to mechanical impact, chemicals, high humidity, fluids, corrosive and hazardous environments or force majeure factors.

## Consumer protection laws

FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, **THE BENEFITS CONFERRED BY THIS WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS.** This warranty grants upon you specific legal rights, and you may also have other rights that vary by country, state or province.



The WEEE (Waste Electrical and Electronic Equipment) marking on this product (see left) or its documentation indicates that the product must not be disposed of together with household waste. To prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the system supplier, or the local authority responsible for waste disposal in your area.

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