



KeyBoB

WIRELESS Key fob

eldes

User manual v1.0

CONTENTS OF PACK

Item	Quantity
1. KeyBoB	1
2. CR2450 3V lithium battery	1
3. Key ring	1
3. Warranty leaflet	1

Main features:

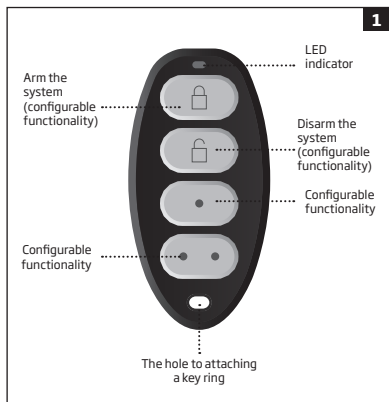
- Alarm system arming & disarming;
- PGM output control;
- Partition switch;
- Stay Arm;
- Up to 8 actions with a single key fob
- Key fob assignment to User
- Inaudible Panic alarm
- Visual and audio indication of command status.

1. GENERAL INFORMATION

Key fob, named KeyBoB, 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 key fob's buttons are pre-configured. Thus, user can configure each key fob depending on the personal preferences. A single key fob 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 KeyBoB devices with the custom configuration.

2. TECHNICAL SPECIFICATIONS



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

2.1. Electrical & Mechanical Characteristics

Battery type*	3V Lithium CR2450 type 5029LC (ANSI/NEDA)
Quantity of batteries	1
Battery operation time**	10+ years, or time period equivalent to 15,000 button presses
Wireless band	ISM868
Range of operating temperatures	-10...+55 °C (14...+131 °F)
Humidity	0-90% RH @ 0...+40°C (0-90% RH @ +32...+104°F) (non-condensing)
Dimensions	69x35x12.6mm (2.72x1.38x0.496in)
Wireless connectivity range	Up to 1700m (5577ft) in open areas
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 standard battery is included in the device.

** This operation time can be achieved by pressing the key fob's buttons up to 4 times per day. The operation time depends on different conditions and may vary.

*** Devices are compatible only with the latest firmware versions.

3. HOW TO USE:

In order to start using KeyBoB, you must pair it with ELDES alarm system using *Eldes Utility* software (see chapter 4. PAIRING KEY FOB WITH ALARM SYSTEM).

KeyBoB features 4 configurable buttons, intended to operate according to individual needs. User may choose up to 8 actions for a single key fob: 4 short press actions (i.e. to assign 1 "click and release" type of action to each button) and 4 long press ac-

tions (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 alarm** action - dedicated 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. KeyBoB's 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, key fob's 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). KeyBoB's 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, key fob's 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. KeyBoB's 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, key fob's 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)).
- Disarm** - After the button is pressed, this function disarms the system. KeyBoB's 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, key fob's 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. KeyBoB's 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, key fob's 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. KeyBoB's 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, key fob's 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). KeyBoB's 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, key fob's 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 alarm** - 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 KeyBoB's internal buzzer will remain silent (in case when Panic action is set, key fob's buzzer is always disabled due to security reasons). Otherwise, key fob's LED indicator (red) will flash quickly, informing user about unsuccessful attempt to transfer command (due to the wireless connection loss (out of range)).
- Pulse ON output** - PGM output state will be instantly changed (turned ON) for a determined time period and automatically turned OFF when the time period expires.
- Pulse OFF output** - PGM output state will be instantly changed (turned OFF) for a determined time period and automatically turned ON when the time period expires.

4. PAIRING KEY FOB WITH ALARM SYSTEM

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

- Run *ELDES Utility* software.
- In software's menu, open *Peripheral Devices* section to see the list of all wireless devices;
- When in *Peripheral Devices* section, press the key fob button one time (**any button on your key fob**) and your key fob will instantly appear in the list;
- Click **Add to System** button, located next to the unpaired wireless key fob icon (grey icon);
- Press the key fob button (**again, any button on your key fob**) once to complete the pairing process.
- If the pairing is successful, key fob's LED indicator (green) will light up, and the icon next to the device will turn **GREEN**.
- Your *KeyBob* 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).

5. BATTERY REPLACEMENT

1. Open *key fob's* enclosure.
2. Remove the old battery from the battery slot.
3. Insert the new battery according to the appropriate polarity of the battery.
4. Battery is replaced.

6. SAFETY INSTRUCTIONS

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 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) battery can be used. Install only new, high quality and unexpired batteries.

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.

7. RESTORING DEFAULT PARAMETERS

1. Launch *Eldes Utility* software, go to *Peripheral Devices* section, remove previously added *key fob* 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 buzzer provide several short flashes and beeps simultaneously.
4. Release the buttons.
5. Default parameters are restored.

8. ADDITIONAL INFORMATION

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 *Key-BoB* 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, JSC distributor or dealer in your country/ region. For more information see 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, JSC will not assume any responsibility regarding personal or property, or revenue loss while using the system. ELDES, JSC 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, JSC, as much as it is allowed by the laws in force, shall not exceed the price of acquisition of the product.

Manufacturer Warranty

ELDES, JSC 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 ELDES, JSC (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) symbol on this product (see left) means it must not be disposed of in household waste. To prevent possible harm to human health and/or the environment, you must dispose of this product in an approved and environmentally safe recycling facility. For further information contact your system supplier, or your local waste authority.

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