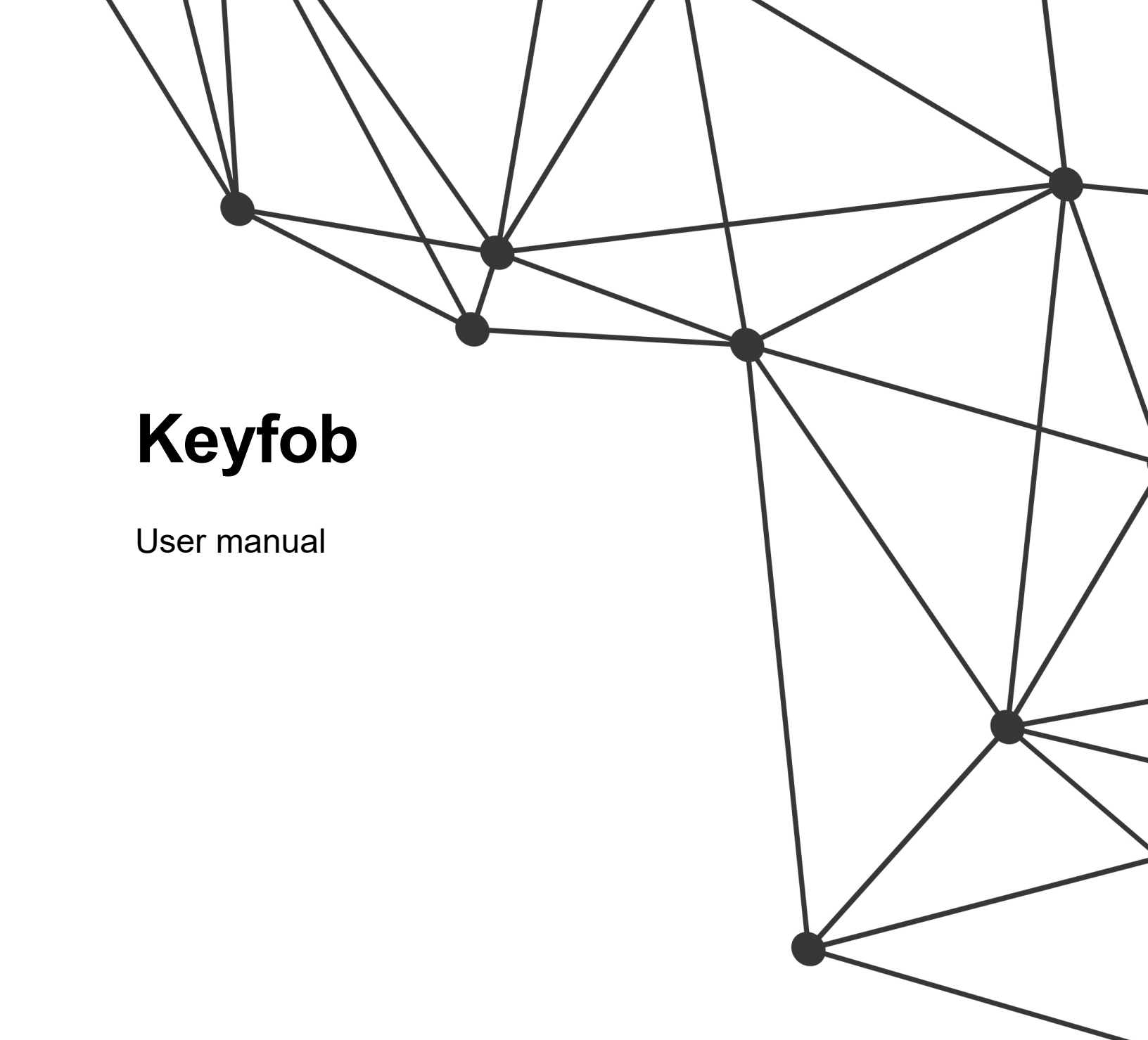




Keyfob

User manual



1. About the device

Keyfob is a device that helps you get authorized automatically. It is equipped with a built-in accelerometer for switching to the low-power mode and a LED that informs about its status.

- ✓ It supports the following products: IGLA, IGLA LITE, IGLA ALARM, IGLA ECO, IGLA SILVER, IGLA SILVER PRO, KEYLESS BLOCK, and KVANT 231.

Key benefits

- Tiny size.
- Low-power consumption – its operating time based on a single battery is [at least 6 months](#).

It depends on an operating mode.

- Resistance to external interference as it supports the data transmission protocol over a secure radio channel.

Operating principles

For IGLA, or KVANT: To get authorized, turn on ignition and produce a paired keyfob. If successful, 2 indication signals will follow.

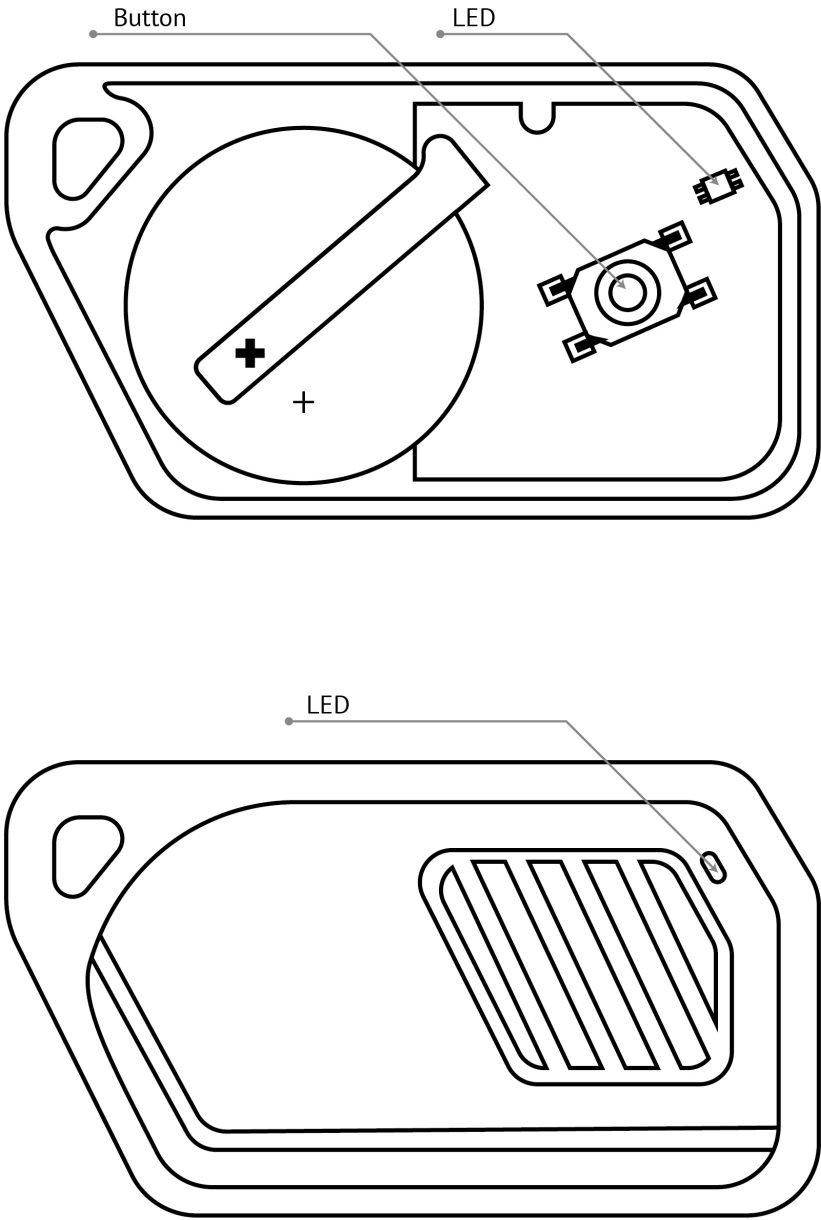
- ✓ In some modes, you would also have to enter a PIN code to pass authorization.

For KEYLESS BLOCK: To get authorized, approach your car and produce a paired keyfob.

- ⚠ Do not keep the keyfob inside the car once your trip is over: in this case, anti-theft features will be disabled.

Keyfob description

The keyfob has a button to help you pair it with a device or system. The LED informs about its status. LED indication values are shown in [Table Keyfob indication](#).



Keyfob indication

Color	Indication	Event
Green	1 flash	High battery power

Color	Indication	Event
Green	2 flashes	Keyfob recognition within the system's range
Green	Group of flashes lasting 30 sec	Pair keyfobs
Orange (Green+Red)	1 flash with the duration of 5 sec	Malfunction of the built-in accelerometer
Red	1 flash	Low battery
Red	1 flash with the duration of 3 sec	Keyfob pairing confirmed

Low-power mode

The mode helps to save power of the keyfob battery. This allows to increase its life. The mode is enabled via a built-in accelerometer, which monitors the keyfob status.

The keyfob goes into the low-power mode in the following cases:

- Keyfob is not recognized by the system and not moved for over 30 seconds.
- Keyfob is out of the system's range and not moved for over 30 seconds.

The mode is exited **automatically** when the keyfob moves.

Important information and warnings

- The manufacturer reserves the right, without prior notice to the user, to introduce changes to the product design to improve its operation and technical characteristics.

- It is not recommended to keep authorization keyfobs together with a standard key or keyfob.
- To purchase more keyfobs, please contact [official dealerships](#), certified installation centers, or AUTHOR-ALARM's Technical Support.

Centers authorized to install AUTHOR-ALARM devices.

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

ISED Statement

English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
 - (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exempts de licence d'Innovation, Sciences et Développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes :

- (1) Cet appareil ne doit pas provoquer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

L'appareil numérique du ciem conforme canadien peut - 3 (b) / nmb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 6.3 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 6.3 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences. L'appareil peut être utilisé en condition d'exposition portable sans restriction.