

AUTHOR FOB

USER MANUAL



AUTHOR

Dear Client,

To install AUTHOR anti-theft equipment, please use authorized dealerships or certified installation centers **only**.

The developer and manufacturer cannot be held liable for any damage resulting from the use of equipment for other than its intended purpose, non-compliance with safety rules, or neglecting the requirements set out herein. AUTHOR equipment installed by any other third parties or individuals is not subject to warranty and service maintenance.

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BACKGROUND INFORMATION

AUTHOR FOB¹ 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: AUTHOR IGLA, AUTHOR IGLA 2C2L, AUTHOR ALARM, AUTHOR KLB and AUTHOR KVANT 2.

Key benefits

- Tiny size.
- Low power consumption – its operating time based on a single battery is at least 6 months².
- Resistance to external interference as it supports the data transmission protocol over a secure radio channel.

ATTENTION!

- 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 dealerships³, certified installation centers, or AUTHOR's Technical Support.

1 Hereinafter referred to as "keyfob".

2 Depending on an operating mode.

3 Centers authorized to install AUTHOR devices.

DESCRIPTION OF WORKING PRINCIPLE

For AUTHOR IGLA¹, or AUTHOR KVANT 2: Depending on a mode², get authorized by turning on ignition and producing a paired keyfob. If successful, 2 indication signals will follow.

For AUTHOR KLB: 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.

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

¹ AUTHOR IGLA, AUTHOR IGLA 2C2L, and AUTHOR ALARM.

² In some modes, you would also have to enter a PIN code to pass authorization. For more details, see the device manual.

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.

PAIR KEYFOBS

To use a keyfob for authorization, pair it with the system first.



You can pair no more than 2 keyfobs with the system.



If other keyfobs have been paired before, clear the system's memory first before you pair a new one. See Section "Unpair keyfobs".

AUTHOR IGLA¹

To pair a new keyfob with the system, follow these steps:

1. Retrieve batteries from all keyfobs (including those paired with the system).
2. Turn on ignition but do not start the engine.
3. Get authorized.
If successful, 2 service indication signals will follow.
4. Put the system into the PIN Change mode.
 - 4.1 Press the gas pedal as far as it goes and hold it.

¹ AUTHOR IGLA, AUTHOR IGLA 2C2L, and AUTHOR ALARM.



If the current PIN includes "Slight press on gas pedal", enter the PIN once again after authorization and then press the gas pedal as far as it goes.

4.2 Enter the current PIN code.

The service indication signal will be repeating once every 3 seconds.

4.3 Release the gas pedal.

5. Push the service button twice.

6. Push and hold the button on the keyfob body.

7. Insert the battery and release the button.

The keyfob LED will start blinking green once per second.

If successful, LED will blink red once.

If unsuccessful, LED will stop blinking green in 30 seconds.

8. Go back to Sections 6-7 if you wish to pair another keyfob.

9. Turn off ignition.

AUTHOR KLB

To pair a new keyfob with AUTHOR KLB, follow these steps:

1. Get authorized.

2. Retrieve batteries from all keyfobs (including those paired with the system).

3. Turn on ignition but do not start the engine.

4. Press the gas pedal as far as it goes 9 times. Press the pedal no later than 10 seconds after turning on the ignition.

The system will switch into the Pair Keyfobs mode, which will be confirmed with 9 service indication signals.

5. Push and hold the button on the keyfob body.
6. Insert the battery and release the button.
The keyfob LED will start blinking green once per second.
If successful, LED will blink red once.
If unsuccessful, LED will stop blinking green in 30 seconds.
7. Go back to Sections 5-6 if you wish to pair another keyfob.
8. Turn off ignition.

AUTHOR KVANT 2

To pair a new keyfob with AUTHOR KVANT 2, follow these steps:

1. Retrieve batteries from all keyfobs (including those paired with the system).
2. Turn on ignition but do not start the engine.
3. Get authorized.
If successful, 2 indication signals will follow.
4. Switch the device into the Keyfob Pairing mode:
 - 4.1 Push the service button and hold it for 10 seconds.
An indication signal will be repeating once per second.
 - 4.2 Release the service button.
 - 4.3 Push the service button 5 times.
Some 5 indication signals will follow.
 - 4.4 Push the service button 3 times.
Some 3 indication signals will follow.
5. Push and hold the button on the keyfob body.
6. Insert the battery and release the button.
The keyfob LED will start blinking green once per second.

If successful, LED will blink red once.

If unsuccessful, LED will stop blinking green in 30 seconds.

7. Go back to Sections 5-6 if you wish to pair another keyfob.
8. Turn off ignition.

Pair keyfobs via AUTHOR Flasher



Once this process started, all keyfobs and smartphones paired with the system before will be unpaired.

You can pair new keyfobs with the system or device via AUTHOR Flasher. To carry out the process, follow these steps:

1. Switch the device into the PIN Change or Firmware Update mode in one of the following ways:
 - **If the device is not installed in the car yet**, connect the black wire to ground "—" and connect the red and gray wires to power supply (+ 12 V) **simultaneously**.
 - **If the device is already installed in the car**, use the algorithm for switching into the PIN Change or Firmware Update mode, as specified in relevant device manuals.
2. Insert the AUTHOR BLED dongle into a PC USB port.
3. Launch AUTHOR Flasher.
4. In the navigation bar, select a connection interface, select the required device from the list of available devices → click **Connect**.
5. Go to **Extra options** → click **Switch device into the keyfob pairing mode** → click **Run** → confirm the action by clicking **Continue** in the pop-up window.

6. Push and hold the button on the keyfob body.
7. Insert the battery and release the button.
The keyfob LED will start blinking green once per second.
If successful, LED will blink red once.
If unsuccessful, LED will stop blinking green in 30 seconds.
8. Go back to Sections 6-7 if you wish to pair another keyfob.
9. Once completed, click **Exit**. You will get disconnected and returned to the main screen.

UNPAIR KEYFOBS

 *If you have lost your keyfob, unpair it from the system for security reasons.*

AUTHOR IGLA¹

 *Once this process started, all keyfobs and smartphones paired with the system before will be unpaired.*

To unpair a keyfob from AUTHOR IGLA, follow these steps:

1. Turn on ignition but do not start the engine.
2. Get authorized.
If successful, authorization will be confirmed with 2 service indication signals.
3. Change the current PIN to the same one. For more details, see the AUTHOR IGLA manual.
If successful, this will be confirmed with 2 service indication signals.

¹ AUTHOR IGLA, AUTHOR IGLA 2C2L, and AUTHOR ALARM.

4. Do not turn off ignition. Push the service button 10 times. Push the service button no later than 10 seconds after PIN change is confirmed.
In 5-10 seconds, 2 service indication signals will confirm unpairing.
5. Turn off ignition.

AUTHOR KLB



Once completed, all keyfobs and smartphones previously paired with the system will be deleted from the system's memory.

To unpair a keyfob from AUTHOR KLB, follow these steps:

1. Get authorized.
2. Turn on ignition but do not start the engine.
3. Press the gas pedal as far as it goes 14 times. Press the pedal no later than 10 seconds after ignition is turned on. Each keystroke will be confirmed with an indication signal.
If successful, 14 service indication signals will follow. In 5-10 seconds, 2 service indication signals will confirm unpairing.
4. Turn off ignition.

AUTHOR KVANT 2



Once completed, all keyfobs and smartphones previously paired with the device will be unpaired.

To unpair a keyfob from AUTHOR KVANT 2, follow these steps:

1. Turn on ignition but do not start the engine.
2. Get authorized.
If successful, 2 indication signals will follow.
3. Push the service button and hold it for 10 seconds.
An indication signal will be repeating once per second.
4. Push the service button 5 times.
Some 5 indication signals will follow.
5. Push the service button 8 times.
Some 8 indication signals will follow.
6. Push the service button 8 times again.
Some 8 indication signals will follow. All keyfobs and smartphones will be unpaired.
7. Turn off ignition.

CONFIGURE KEYFOBS

To configure keyfobs, use AUTHOR Config. It supports Android OS (Version 5.0 and higher).

Recognition range

To change the recognition range for keyfobs and smartphones, use the slider in **Recognition range**. The smaller the range, the closer you have to approach the car.

The range is set **simultaneously** for all paired keyfobs and smartphones regardless of whether they are within the system range or not.



A too small recognition range may impede authorization, depending on where the device is installed in the car. (To get authorized, you will have to enter a PIN code or secret code indicated on the personal user card.) Be sure to check that the selected setting works properly.



If the setting causes issues with authorization via keyfob, place it in the immediate vicinity of the system, get connected via Author Config, and increase the recognition range.

Get notified about battery power

AUTHOR Config helps you set up notifications about battery power. If it is critically low, **3 service indication signals** rather than 2 will follow as part of authorization. Once the battery is replaced with a new one, successive authorizations will again be confirmed with 2 service indication signals.

To set up notifications about battery power, connect the device paired with the keyfob to AUTHOR Config and move the slider in **Get notified about battery power**.



Such notifications are enabled by default.

Detect the keyfob serial number

To detect the keyfob serial number, follow these steps:

1. Insert the battery into the keyfob.
2. Make sure the keyfob is within the range of the device paired with it.

3. Open AUTHOR Config.
4. Wait for the keyfob to appear on the application screen. Make sure the keyfob is within the Bluetooth range of the smartphone.
5. The serial number will be displayed in the field under the keyfob name.

Battery replacement

 *Replace the battery in a timely manner to ensure an uninterrupted keyfob operation.*

 *The battery is CR2032.*

To replace the battery, follow these steps:

1. Carefully open the keyfob case with a flat plastic or metal tool and remove the battery.
2. Insert a new battery while observing polarity. The LED will blink green once.
3. Close the keyfob case until it clicks and make sure that parts of the case tightly adjoin throughout the entire perimeter.

You can check keyfob battery power via AUTHOR Config.

SPECIFICATIONS

Radio channel frequency	2.4 GHz
Maximum signal strength, dBm	4
Dimensions, mm	not more than 41×23×5
Keyfob battery type	CR2032
Operating temperature	- 40 °C up to +80 °C

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 exemptés 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.

This equipment should be installed and operated with minimum distance 0cm between the radiator & your body.

Cet équipement doit être installé et utilisé à une distance minimale de 0 cm entre le radiateur et votre corps.



Manufactured by AUTHOR-ALARM d.o.o.

Manufacturer's address: Slovenia, Koroška ulica 26, 1000 Ljubljana. Made in Slovenia.

For more details about the manufacturer, product, certificates, and licenses, see the printed appendix.

Visit our website



author-alarm.com

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