



USER MANUAL



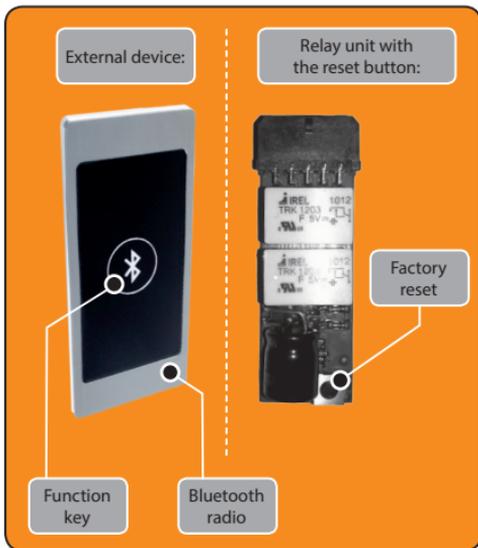
TECHNICAL DATA:

- Voltage 8 - 30 V direct or alternating
- Consumption max. 150 mA
- Max. number of phones: 100
- 2 separate relay exits
- 256-bit encrypted connection to the relay unit
- Capacitive key under illuminated Bluetooth sign
- Installation into a door wing
- Operating temperature range -30° C to +80° C
- Max. humidity: 100 %
- Relay trigger time: 2 s

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1. DEVICE COMPONENTS



2. DESCRIPTION AND CORRECT USE OF DEVICE

REX-Bluetooth (hereinafter referred to as the “device”) is a simple access control unit using Bluetooth connection. It enables pairing up to 100 mobile phones and using them to unlock doors. It is necessary for the phone to have an integrated Bluetooth transmitter, which needs to be set to discoverable mode and paired with the device. It is possible to pair the phone with the use of the PIN code, which can be found in the device package and is different for every device.

The procedure of pairing the mobile phone with the device is standard (e.g. pairing with headsets, hands-free car kits etc.). It can vary according to phone type and is described in detail in the phone instruction manual.

The use is simple. When the phone is paired with the device and is placed within 2m from it, the device emits an audio signal and the blue light begins to flash. The user then simply presses the key (it is advisable to use two fingers to cover the Bluetooth sign completely) in the middle of the Bluetooth sign and the doors

unlock. The key is capacitive; it is placed under glass and senses the finger, when it touches the glass over the key.

NOTE: The mobile phone used to unlock the doors must be turned on and paired with the device, and Bluetooth must be set to discoverable mode! If Bluetooth is not set to discoverable mode, it might take longer to establish a connection.

3. ADDING – PAIRING A MOBILE PHONE WITH THE DEVICE

- Press and hold the key which is placed in the middle of the Bluetooth sign on the device for 10 s.
- The blue illumination begins to flash quickly and the device emits an audio signal every 2 s. The phone, which is being paired with the device, must be placed < 2 m from the device. (The phone has to be paired with the device within 2 minutes. If it is paired in that time, the device returns to standby mode).
- Go to the Bluetooth settings on your mobile phone and initiate a search for a new device.
- When the mobile phone finds REX BT, initiate the pairing procedure with the device.
- The mobile phone will demand the PIN code. Enter the 16-digit code from the instruction manual and initiate pairing.
- After successful pairing, the device emits a beep for 2 s.

NOTE: If the mobile phone is within 2 m from the device after pairing, the device will allow unlocking. The blue illumination flashes and the device emits a beep for 1s. If you press the key on the device, the doors unlock.

ATTENTION: If you lose the PIN code, you cannot operate the device anymore, so please make sure to keep the PIN code in a safe place and do not disclose it to unauthorised persons. In case you lose the PIN code, you must send the device, together with the internal unit, to a service centre, where a new PIN code will be issued.

4. RELAY SELECTION

The device has two relay exits. Relay exit number 1 is usually selected to unlock the doors, into which the device is built, whereas relay exit number 2 can be used to trigger some other devices or unlock other doors.

When the device allows unlocking (the paired phone is placed within 2 m), relay 1 is triggered if the Bluetooth sign is pressed and held for less than 1.5 s; relay 2 is triggered if the Bluetooth sign is pressed and held for 2-4 s.

5. UNLOCKING THE DOORS

When at least one mobile phone is paired with the device, it is possible to use it to unlock doors. When the user holding the mobile phone is approaching the doors into which the device is built, the device is already able to detect the mobile phone at a distance of approx. 10 m; however, it allows unlocking only when the mobile phone is placed within 2 m from it – it emits a short beep and the blue illumination starts flashing. Afterwards you must press and hold the Bluetooth sign for less than 1.5 s (relay 1) to unlock the doors, best with two fingers to cover the whole sign. The sensor that is placed under the glass detects the finger and initiates the unlocking of the doors. If the Bluetooth sign is pressed and held for 2-4 s, relay 2 is triggered.

ATTENTION: cover the Bluetooth sign with your fingers quickly. If you cover the sign slowly, the sensor might not detect this.

NOTE: The response time of Bluetooth transmitters may vary from phone to phone. In some cases it may take as long as a few seconds for the device to detect the mobile phone and initiate the unlocking procedure. This may occur also in case other wireless devices or a greater number of Bluetooth devices is located in the vicinity of the device.

6. DELETING – CANCELLING PHONE PAIRING (restore factory settings)

The procedure to cancel the pairing of a single phone:

- Place the phone you wish to cancel <2 m from the device and wait for it to allow unlocking. (Make sure that only the phone you wish to cancel is within 2 m or that other phones within 2 metres have their Bluetooth turned off.)
- Press and hold the Bluetooth sign for 20s; after that time the device emits 3 beeps.

The procedure to cancel all paired phones:

- Place a paired phone within 2 m from the device and wait for it to allow unlocking.

- Press and hold the Bluetooth sign for 40 s; after that time the device emits 5 beeps. After all phones are deleted, relay 1 is triggered and the doors unlock.

ATTENTION: after deleting all phones from the base it is no longer possible to unlock the doors with the device, until at least one phone is paired with it. You need the PIN code to do this.

Restoring factory settings:

Factory settings of the device can be restored by pressing and holding the button on the internal unit for 30s. After that time all paired phones are deleted and the device emits 5 one-second beeps. The internal unit is placed inside the doors next to the motor mechanism. To access the internal unit, you must unscrew the motor mechanism and pull it out of its profile.

7. MAINTENANCE AND CLEANING OF THE DEVICE

The device does not require maintenance. Should the device need cleaning, use a dry or slightly damp soft cloth. Do not use aggressive detergents, solvents, lye or acids for cleaning. Use of aggressive cleaning agents may damage the surface of the device; in this case complaints are invalid.

8. TABLE OF SIGNALS

LED	BEEP	FREQUENCY	DESCRIPTION
Blue	No	On constantly	The device is in standby mode.
Blue	Yes	Flashes slowly	The device has detected the mobile phone within the range of approx. 2 m. By pressing and holding the Bluetooth sign for <1.5 s, the doors unlock (relay 1). By pressing and holding the Bluetooth sign for 2–4 s, relay 2 is triggered.
Blue	Yes	Flashes quickly	The device is being paired with the mobile phone. It has 2 minutes to pair.
	Yes	3 x 1 s	The phone is deleted from the base.
	Yes	5 x 1 s	Delete entire base function or restore factory settings. The base has been deleted. The doors unlock.

9. ERROR DESCRIPTION AND ELIMINATION

DESCRIPTION	CAUSE
The key does not react to the touch of a finger.	You did not use enough of the finger's surface to press the key; use two fingers. The Bluetooth sign must be covered completely.
	You drew the finger to the key too slowly. The key must be pressed quickly.
	If the device still does not react after several attempts, it is malfunctioning and you should call a repairman.
The device does not detect the mobile phone.	The phone is not paired with the device.
	The Bluetooth on the phone is either turned off or it is not set to discoverable mode.
	Phone pairing has been cancelled.
	If the phone is paired and its Bluetooth is turned on and set to discoverable mode and the device is still not able to detect it even after a longer period of time, call a repairman.
I cannot see the blue illumination of the device.	Under strong light, the illumination is poorly visible.
	The device has been turned off or is not plugged in.
	The device is malfunctioning; call a repairman.

10. MANUFACTURER'S WARRANTY

Warranty conditions:

The warranty period is 24 months from the day of hand on of the product to the final customer. With this statement, the manufacturer of the product, NAVKOM d.o.o., guarantees that in the warranty period the REX-Bluetooth (hereinafter: the product) will operate faultlessly and that the materials it is made of are faultless and undamaged. If the customer finds a fault in the functioning of the product, they can enforce the rights under the warranty on the seller or the manufacturer, who shall issue a claim receipt. The manufacturer undertakes that in the event of a justified complaint they shall eliminate the malfunction no later than 45 days after the day of complaint. If the malfunction is impossible to repair, the customer will receive a new product from the seller or the manufacturer no later than 45 days after the day of complaint.

Notes concerning the warranty enforcement:

The customer assumes all risks and expenses incurred during the transport of the product to the licensed seller or the licensed service.

The warranty is only valid if the warranty certificate is completely filled in by Navkom d.o.o. or a licensed seller of the product or if the circumstances of the purchase are satisfactorily evidenced from other documents. Therefore, please ensure that your name, the name of the seller, the serial number

of the product, the year, month and day of the purchase are written in full in the original pro forma invoice or invoice; or see to it that your purchase receipt showing the name of the seller, the date of the purchase and type of product is attached to the original warranty certificate. Navkom d.o.o. reserves the right to refuse to provide repairs free of charge where the submitted warranty certificate is not completely filled in and the above mentioned document (invoice, bill) is not enclosed, or when the data on the warranty certificate are not completed or are illegible. Keep the warranty certificate in a safe place because we cannot issue a duplicate.

Warranty extension:

In the case that the customer enforced the warranty and the licensed service found the complaint to be justified, the warranty period is extended for the time the product was at service. If the respective product has undergone a major service intervention, or if the product was replaced, a new warranty is issued to the customer for a 24 month period.

The warranty cannot be enforced in the case of:

- Any defect caused by improper handling of the product (e.g. the use of the product with the intentions and in a manner not specified in the instructions for use, handling and maintenance etc.).
- Any defect caused during repair, adaptation, cleaning or any other intervention in the product by any other party except the

services licensed by Navkom d.o.o.

3. Any defect caused because of transport, fall, hit etc. after the purchase of the product.

4. Any defect caused by burning/fire, earthquake, flood, lightning, other natural disasters, polluted environment and improper voltage of the electrical supply.

5. Any defect caused by negligent handling or inappropriate storage of the product (e.g. keeping it at high temperatures or high humidity, in the vicinity of insecticides, e.g. naphthalene, or medicines, poisons or chemicals which can cause damage), inappropriate maintenance etc.

6. When the product which was sent to repair is not accompanied by the warranty certificate.

7. Any changes of the warranty certificate concerning the year, month and day of purchase, name of the customer or seller and serial number.

8. When the warranty certificate is not accompanied by the receipt for the item(s) purchased (invoice).

Limits of liability:

Navkom d.o.o. does not either represent or guarantee, explicitly or implicitly, anything on behalf of the suppliers or in connection with the contents of written materials. It is in no way liable to warrant the purchased material or its suitability for certain purpose or any consequent injury, accidental damage or immediate damage (including but not limited to the damage or loss of business profits, the termination of business operations and the loss of business information), derived from the use or incapability of use of these printed materials or device. Some countries do not allow limitations of liability concerning consequential or accidental damage; therefore, it is possible that the above mentioned provision does not apply. In the case that the customer sends the reclaimed product via mail, it is advised to secure the consignment. The seller and the manufacturer are not liable for damage caused during transportation.

Serial number:

Purchase date:

Installation date:

Name of the customer:

Adress of the customer:

Stamp and signature of the seller:

REX-Bluetooth was manufactured by:

Navkom d.o.o., Prijateljeva 24, 1000 Ljubljana, Slovenija
info@navkom.si, www.navkom.si

Product type:

Access control device based on Bluetooth radio.