



ACCESS CONTROL LOCKS

AC-01C9



AC-02C9



Instruction
manual

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INITIAL REMARKS

Before assembling, wiring and setting up of device the user should carefully read given manual. In case of any troubles with understanding the content the user should contact the producer.

Unassisted assembling and start of the device can be done only with the use of proper tools. However, it is highly advised to set up a device by qualified personnel.

The producer is not responsible for damages made during incorrect set-up or maintenance or in case of any unassisted repairs or modifications.

1. DEVICE CONSTRUCTION

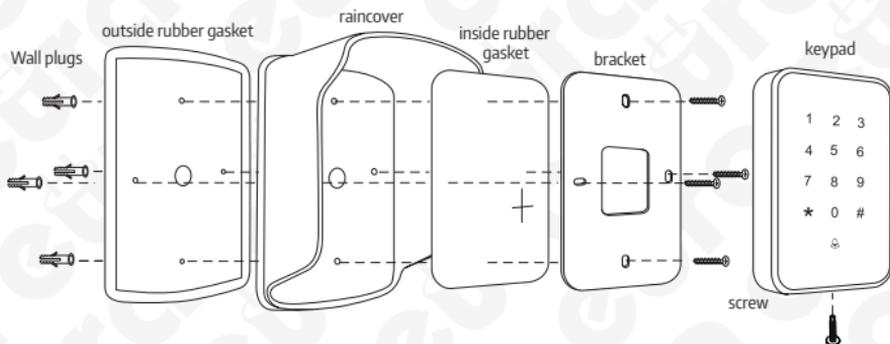


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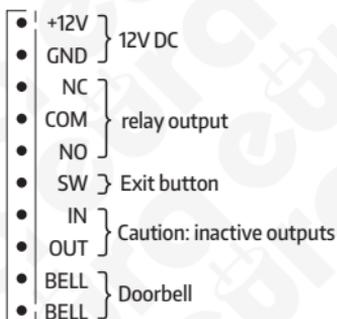


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2. INSTALLATION



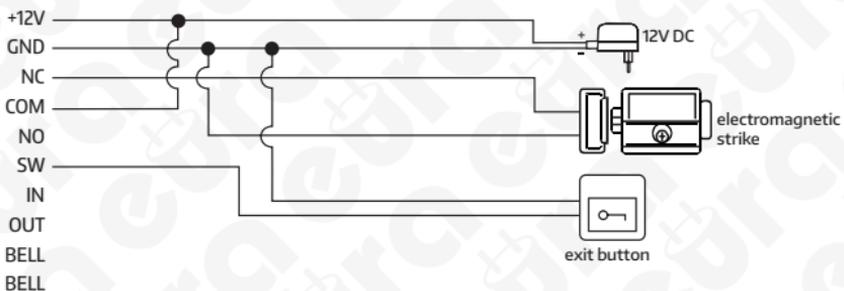
CONNECTING DESCRIPTION



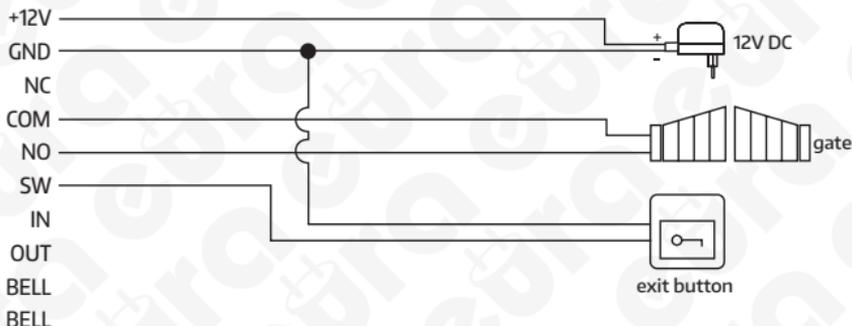
3. MASTER SCHEMA



Schema of connecting the keypad with standard electromagnetic strike



Schema of connecting the keypad with reverse electromagnetic strike



Schema of connecting the keypad with gate opener

4. PROGRAMMING

In order to program the access control, download the TTLock app from GooglePlay for Android devices or from AppStore for iOS devices, and then follow the below instruction.



4.1. ACCOUNT REGISTRATION IN TTLOCK MOBILE APP

- 4.1.1. in the upper right corner click 'Register';
- 4.1.2. select registration mode by phone/e-mail;
- 4.1.3. enter the phone number/e-mail address;
- 4.1.4. set the password;
- 4.1.5. select the verification code by clicking 'Get code';
- 4.1.6. enter the code provided via text message/e-mail;
- 4.1.7. provide answers to security questions in the case of the password being lost - answer 3 questions selected from the list of suggestions.

4.2. LOGGING IN TO THE TTLOCK APP

After the account is created, log in to the app by entering your phone number/e-mail address and the set password.

4.3. ADDING DEVICE TO APP

First adding

In the case of adding the first device, click in the round field of the start screen with inscription '+Add lock', and then move to the activities described from item 4.3.3

Adding further devices

- 4.3.1. Click the icon with 'user' in the left upper corner of the app, which is followed by the app's main menu appearing;
- 4.3.2. from the main menu select first position '+Add locks';
- 4.3.3. if Bluetooth is not switched on, the app will ask for initiating, agree to add a lock;
- 4.3.4. from the selection menu of device types, select the first position 'Door Lock';
- 4.3.5. in order to introduce electronics into pairing state, hold the door handle set keypad until the illumination appears;
- 4.3.6. After searching is finished, the app will show the list of found devices.
- 4.3.7. select the added device from the list. Note: in order to pass through the pairing process easily, add devices one by one and check if the device's keypad is illuminated;
- 4.3.8. having selected the device, the app will move automatically to the main menu of door handle set management.
- 4.3.9. then, select option Setting(see item 4.4.8) and then Clock, which opens the LOCK CLOCK page, where the time shall be synchronized by clicking Adjust Clock

4.4. OPERATING THE DEVICE

- 4.4.1. The lock icon in the upper portion of the app screen enables releasing the lock that remains in the range of the Bluetooth transmitter in the device with the app installed.
- 4.4.2. „Send eKey” - eKeys are access keys, which can be send to other app users, typically dedicated to the personnel operating the protected room. These keys enable opening lock that remains within the range of Bluetooth transmitter, in order to send the eKey:
 - 4.4.2.1. select the eKey icon;
 - 4.4.2.2. select the key type by clicking 'Type' - you can choose between:
 - timed
 - permanent
 - one-time;
 - 4.4.2.3. in the 'Account' field enter the account name of the user, who is provided with the key;
 - 4.4.2.4. in the 'Name' field enter the key name;
 - 4.4.2.5. in the case of a timed key, specify its period of validity
 - 4.4.2.6. send the key by clicking 'Send'.

In order to open door using an eKey, click the lock icon in the app.

4.4.3. „Send Passcode” - these are access codes sent to door handle set users (guests, employees, visitors), in order to send an access code, click 'Send Passcode' icon, and:

4.4.3.1. select the code type:

- **permanent** - the code must be used at least once within 24 h from being established, otherwise it loses validity;
- **timed** - the code must be used at least once within 24 h from being established, otherwise it loses validity;
- **one-time** - single-use code - the code must be used at least once within 6 h from being established, otherwise it loses validity;
- **erase** - erasing code, should be used within 24h, otherwise it expires. After its application all codes assigned to the given device are erased. In order for the code list in the app to be cleared, perform app and door handle set synchronization, this is best done using door opening via the lock icon;
- **customized** - manual code - enables full personalization of code thanks to the possibility to select the operation time and the code number (4-9 signs);
Note: option available only in the case when the mobile device remains within the operating range of the door handle set's Bluetooth module;
- **cyclic** - cyclic code enables setting access according to the scheme, it is possible to select the day of the week and hours for the code to work - the code must be used at least once within 24 h since being established, otherwise it loses expires.

4.4.3.2. generate code by clicking 'Generate'

4.4.3.3. click the icon of square with arrow in the upper right corner of the app.

4.4.3.4. From the list, select the code transmission method:

- **WeChat** - the code will be sent via WeChat app, under the condition the WeChat app is configured;
- **Text Meg** - the code will be sent via a text message- the text message will contain a template with information on the access code, its expiry date etc. - it is possible to edit any text messages;
- **E-mail** - the message will be sent via e-mail, under the condition of possessing configured e-mail account on the mobile device.

4.4.4. **eKeys** - list of generated and sent access codes - with information on keys - key type, activity status - it is possible to remove the given key from the list, in order to remove press and hold the given key until 'Delete' button appears, upon its clicking the key becomes permanently deleted.

NOTE: Removing an active key from the list in the app prior to its expiration is possible, in order to remove, the device with the app must be connected to the Internet, and the key will be removed only when the person receiving the key is also connected to the Internet. Information on premature key removal will be downloaded from server.

All keys can be deleted from the list at once:

- click the icon with three dots in the upper right corner of the app;
- select reset eKeys;
- confirm that you want to reset keys - enter the password of the app administrator.

4.4.5. **Passcodes** - list of generated and sent access codes - with information on codes - type, activity status - it is possible to remove the given code from the list, in order to remove press and hold the given code until 'Delete' button appears, upon its clicking the key becomes permanently deleted.

NOTE: In order to remove a permanent code, one must remain within the range of the Bluetooth transmitter built in the door handle set.

All codes can be deleted from the list at once:

- click the icon with three dots in the upper right corner of the app;
- select reset passcodes;
- confirm that you want to reset codes - enter the password of the app administrator.

4.4.6. **IC Cards** - door handle sets with access control possess Mifare 13.56 MHz card reader built in. By clicking the IC Cards icon, the card management panel is opened.

In order to add the Mifare card:

- click the icon with three dots in the upper right corner;
- select 'add IC Cards' option;
- enter the card name in the 'Name' field;
- select the access type - permanent or timed;
- in the case of a timed access being selected, specify its period of validity;
- click OK and wait for signal from the door handle set;
- after the sound message, place card near the '2' digit in the numerical keypad of the device;

All cards can be deleted from the list at once:

- click the icon with three dots in the upper right corner of the app;
- select 'Clear IC cards';
- confirm that you want to reset cards - enter the password of the app administrator.

4.4.7. **Records** - device logbook.

4.4.8. **Settings** - clicking the Settings icon provides us with information on the device:

- lock id - lock no.;
- MAC - MAC address;
- Battery - battery status;
- Validity - access validity;
- Lock name - here you can enter the lock name, e.g. Room 308;
- Group - lock group- here you can create a group, to which door handle sets can be assigned, e.g. Floor 1;
- Admin passcode - administrator code;

Lock clock - option for synchronization of app and door handle set clocks;

Fault Diagnosis - diagnosis of issues with the lock;

Lock upgrade - software update;

Attendance - attendance;

Unlocking alert - information on the door handle set being unlocked.

Warning!

Following each battery exchange it is necessary to perform synchronization of the door handle set's clock with the app's clock, if synchronization is not performed the codes may not work correctly.

5. TECHNICAL SPECIFICATION

	AC-01B9	AC-02B9
Power supply voltage	12V DC	
Energy consumption - standby / operation	42 mA / 200 mA	
Capacity	no limit	
Installation	Surface mounted	
Housing material	Plastic	
Bluetooth transmitter power output	4dB	
Electromagnetic strike release time	5-900 sek.	
Keypad	Sensor	
Proximity card reader frequency	13,56 MHz	
Types of outputs	Output 1: relay N.C. & N.O. 1A/ 24VDC Max	
	Output 2: N.O. (transistor) 50mA/12VDC Max	
Temperature operating range	-10°C ~ +45°C	
Protection coefficient	IP44	IP20
Dimensions (W x SZ x G)	150 x 105 x 80 mm	115 x 75 x 22 mm
Net weight	215 g	115g

WARRANTY

As the only distributor of the Eura products, Eura-Tech is obliged to ensure efficient warranty and post-warranty service. In the countries where Eura-Tech has neither its own service network, nor DOOR-TO-DOOR service, the quality claims are dealt with by authorised distributors of the Eura products on the basis of the signed distribution agreements. Within the framework of such agreements, Eura-Tech will ensure financing of the possible repairs and delivery of spare parts.

Eura-Tech Sp. z o.o. hereby declares that the radio equipment type - AC-01C9 i AC-02C9 access control locks - is in accordance with Directive 2014/53/EU.
Full text of the EU declaration of conformity is available under the following web address:
www.eura-tech.eu



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The Eura-Tech Sp. z o.o. company reserves the right to change technical parameters and modify the operating instructions without notification.

At the same time, we would like to inform that the most up-to-date version of the manual can be found on the website www.eura-tech.eu on the subpage of the given product.

The EU declaration of conformity of the given device is provided on the <http://www.eura-tech.eu> website