JC CLAVAREX®

Through RFID, PIN code, BLE and remote control technologies, JC Clavarex® offers the optimal combination for doors and cabinets!

Main features

- Installation on the door as a cylinder type JC-DZ-001.
- Installation on door, lever handle, external knob / internal lever handle.

  (New constructions / renovations recommended without cylinder cutting or available as an intervention).
- Simple installation on the cabinet, above the existing 7mm cremones, as a knob. Type JC-DC-010
- 7mm square pin and adapter for Euro 19mm and CH-22mm JC-D2-099 round cylinder is available.
- Mechanical emergency opening
- Friction mechanism with free running knob is coupled to the motor
- Set "Erase PIN Code" to erase all active PIN codes
- Illuminated keypad with built-in reader for operation with devices or PIN code
- Login history recording visible in the app
- Wireless / Online function using a gateway
- Encrypted data transmission between gateway and Wi-Fi
- Various door operating modes, permanent activation through Office mode

For thick doors
40 - 120 mm

RFID technology
MIFARE® Classic ISO / IEC 14443a

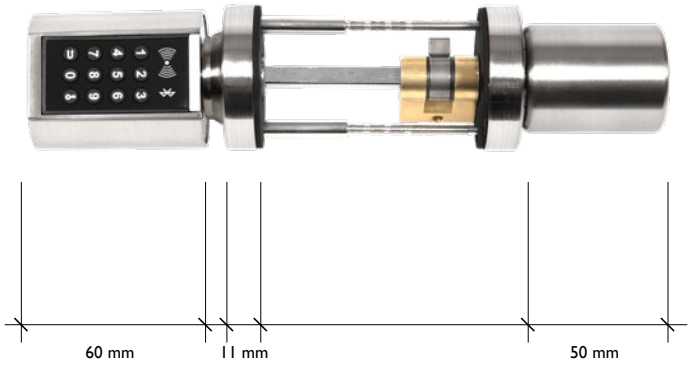
Power supply
3 micro AAA lithium batteries (1250 mAh 1.5 V recommended), at least 20,000 openings possible.

Emergency opening available

Ambient conditions
-15°C up to +60°C

Cylinder size

Compatible with standard holes
38 mm



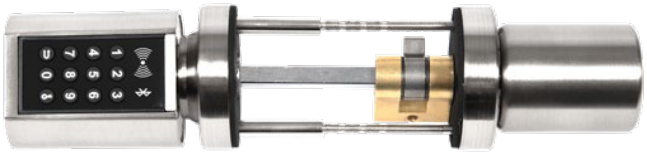
External knob diameter:
50mm

Internal knob diameter:
40mm

Field of application of the cylinder

Insertion into the cylinder hole with internal knob

External knob | Square pin / Adapter | Internal knob



Handle insert with internal handle
(without cylinder interruption or blind with cylinder,
as tripping or dual-purpose cylinder)

External knob Square pin / Adapter Internal handle with lever fixed in position

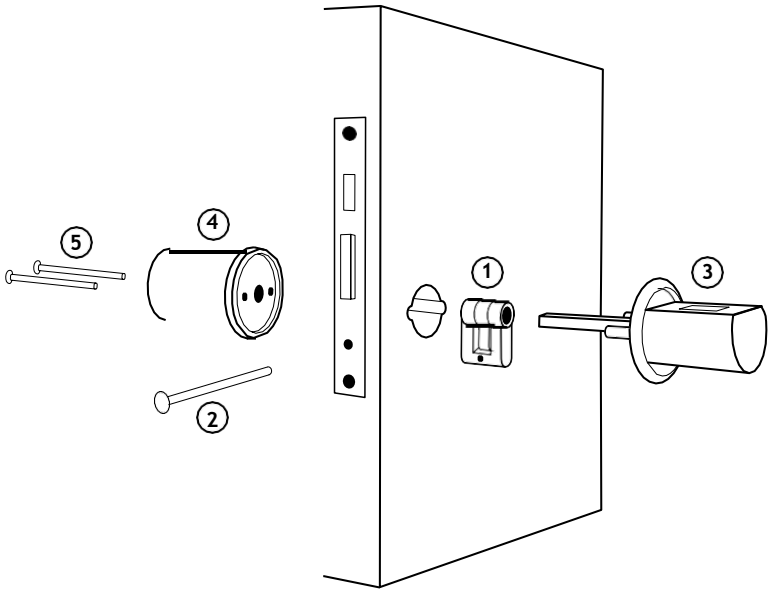
Field of application of the cylinder

Compatible with the Olive model

To be used as a knob on the cabinet with espagnolette closures

Square pin fixed by a screw

Assembly instructions



Important

(1) Insert the appropriate adapter.

(2) Screw in the cylinder screw.

(3) Insert the external knob and shorten it to the required length.

(4) Screw the knob / handle to the external knob, depending on use.

(5) Adjust the length of the screw according to the thickness of the door

Assembly:

- When used as a lever, 7-8mm size reduction sleeves should be used. For fire doors, comply with the relevant standards.
- The square pin is always shortened to the required length.
- Using the door thickness, define the optimal screw length so that the rosettes can be fully tightened.

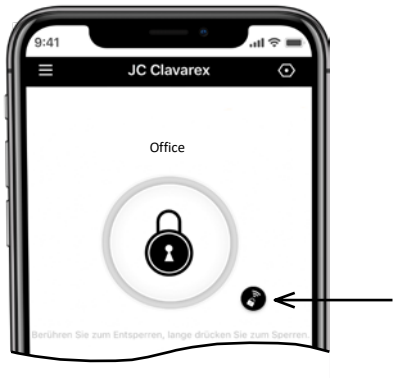
Your local partner

JC App **Function Settings**

Office function = The office function is controlled via "Auto Lock". The opening time of the device is set to "Auto Lock". Default setting is 10 seconds. The opening time can be changed as desired. If "Auto Lock" is deactivated in the app, Office mode is activated and the connection can be closed again at any time with the # key. After each opening, the device remains open again until the Auto Lock is set again.

Sound management= The sound of the device can be turned on and off. The "Lock Sound" option can be very practical in some cases. Important: if the sound is off, entering the PIN code is more complicated, because the keys are pressed without a confirmation tone. Any incorrect entries must be considered.

Remote activation = The remote opening function of the device can only be performed with the installation of a gateway. Set "Unlock Remotely" in the app to "on". Program the gateway under the app settings, click on the plus sign (+) and select gateway. The Wi-Fi password is required! The gateway establishes the BLE connection to the device. This means that the device is available online. It is indicated by the small mark next to the button (see Figure 1). When clicked, the system asks for confirmation to open the device.

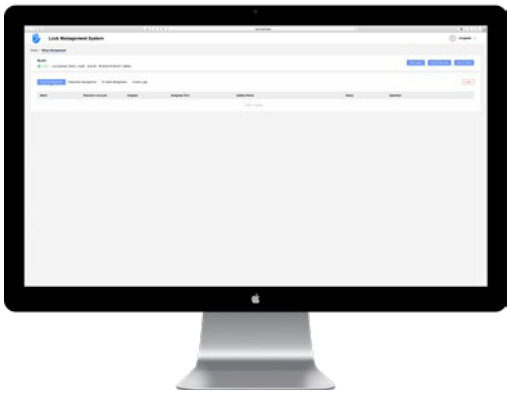


From JC App to JC Clavarex®

To use JC App, please register with a valid email address or smartphone. Enter your email or phone number and set the country code.

WARNING! Enter the telephone number in international format (+41 79 ...). The server will send an email or SMS with a code to complete the registration.

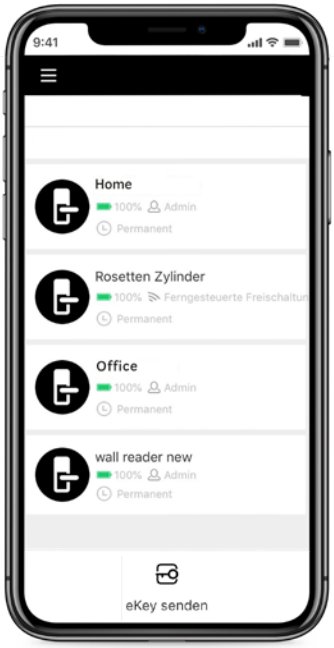
The application is available in the Play Store for Android or in the App Store for iOS operating systems: search for JC-Clavarex.

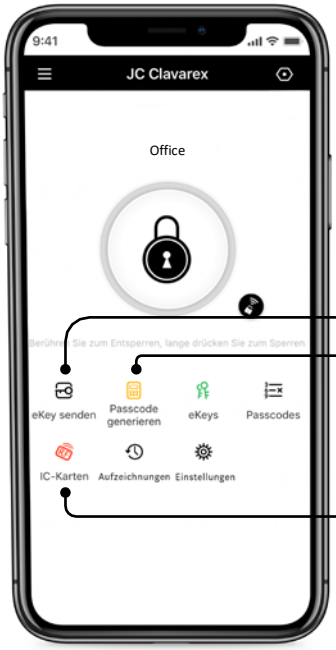


The same functions described for the app also apply to the desktop version.

https://cloud.jc-clavarex.ch

App overview





Three main functions:

Send BLE access permission

Generate the PIN code

Device recognition

Send the access permission via eKey

Sending an access permit (eKey)

To send an access right (eKey) to a person, first select one of the four options: "timed",
"permanent", "one-time" or "cyclic". Then enter the email address or phone number of the recipient of the access permit and their name in the dialog box.

The following two additional functions can also be activated

- Remote approval
- Administrator authorization

Attention: the subsequent cancellation of these functions after sending the access permissions is not possible! To make changes, delete the eKey of the person concerned and then re-enter it.

Access permission assigned by PIN code

Select one of the six options: "timed", "permanent", "one-time", "erase", "customized" or "cyclic". The description of the respective selected option is visible in the app. Click on the selection and the description appears above the blue bar.

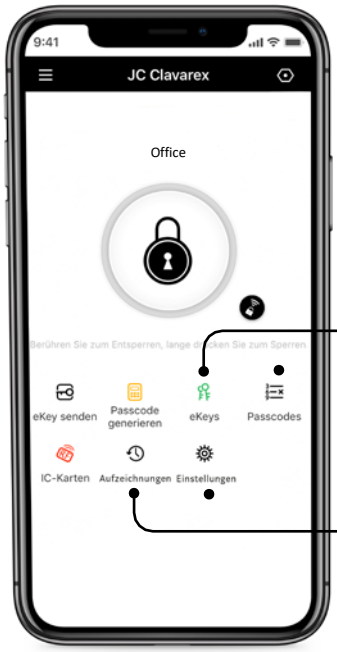
Programming of access permissions (Smart Card)

To assign access using a Smart Card (IC Card), click on "IC Cards". Now a list of programmed Smart Cards (devices) appears. Three dots (menu) may be visible in the upper right corner. When you click on the menu, the four choices appear:

"Clear IC Card", "Add IC Card", "Add Card remotely" and "Upload IC Card".

"Add IC Card": only Mifare Classic media can be used.
Enter the name of the user support and select permanent or temporary access. Now the reader behind the keypad of the plaque is activated via BLE and we present the device to the plaque, that is the reader. The device reads the UID from the media and issues the authorization.

Smart Cards (devices) can only be programmed in the immediate vicinity of the device.



List of eKeys authorized for the device

List of PIN codes that are authorized for the device

Device settings

List of device events with access date, time and type of access

JC App settings

The settings under "Settings" in the app (for description see page 2)

The most important settings at a glance:

Remote unlocking, function description on page 2

Pass-through mode, function description on page 2

Sound management, function description on page 2

Auto lock, function description on page 2

Disable push messages (only applies to the main smartphone)