



## Open doors with your mobile The phone is the key



### **MCK400** Mobeye Call-Key

**The Mobeye Call-Key offers user-friendly and secure access control for buildings with a single access door, fence or gate and for situations where access rights change regularly. A simple phone call opens the lock.**

When an authorised telephone number dials the Mobeye Call-Key, the relay switches and opens the connected door, fence or gate. The caller will not incur charges in the process.

Granting access rights is simple. In the secure and convenient Mobeye portal, the administrator assigns the rights, unlimited or for specific time windows (period, day, time). The Mobeye Call-Key retrieves these rights automatically and stores them locally. Afterwards, the online portal shows who opened the door and when.

No internet is required on site, communication happens via the internal 2G+4G module and the Mobeye SIM card. The Call-Key works with all electronic locks and locking plates that respond to a pulse or switching command.



#### **Call to open**

No physical keys needed, the phone unlocks the lock.



#### **Online management and insight**

The portal is an easy management tool and provides insight into all events.



#### **Authorisations**

24/7 access or on a schedule. A timer can be set to open the gate during opening hours.



#### **Intrusion protection**

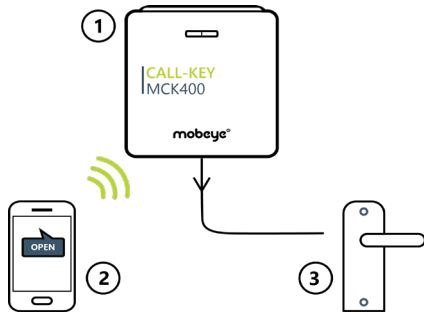
Keep an eye on unauthorised opening; with a magnetic door contact you will receive an alarm message.

# MCK400

## Mobeye Call-Key



### HOW IT WORKS



The Mobeye Call-Key opens doors and gates after receiving a simple call. At no cost to the caller, the Call-Key verifies whether the call comes from an authorised phone number.

- 1 Connect the electronic locking plate of a door, or the motor of the gate opener to the relay output of the Mobeye Call-Key and connect voltage.
- 2 Grant access rights to users, in the simple online portal. Give the Call-Key's phone number to users and make sure 'number recognition' is on in their phones.
- 3 When a user with proper rights calls the Call-Key, the relay switches and opens the door/gate. Afterwards, the portal shows who opened the lock when, and who was refused.

### MCK400 - Technical data

<b>Contents</b>	<ul style="list-style-type: none"> <li>MCK400, stick antenna, mains adapter, SIM card</li> </ul>
<b>Output switch</b>	<ul style="list-style-type: none"> <li>output 1 via dial-up or SMS, authorised or unauthorised</li> <li>output 2 via timetable and/or SMS, authorised or unauthorised</li> </ul>
<b>Authorisations</b>	<ul style="list-style-type: none"> <li>up to 1000 authorised telephone numbers. Access rights are granted via user groups, possibly limited for a period and with daily schedules. The Mobeye Call-Key verifies whether incoming calls come from a - for that moment - authorised number. Only if authorised the relay does switch.</li> </ul>
<b>Data storage and synchronisation</b>	<ul style="list-style-type: none"> <li>the Mobeye Call-Key stores access rights in the local memory; the Mobeye Portal serves as a programming tool. New settings and logged events are automatically synchronised every hour. The internal 2G/4G communications module takes care of this. So there is no need for an internet connection at the lock.</li> <li>Possibility of API connection with company software for the assignment of rights</li> </ul>
<b>(Alarm) messages</b>	<ul style="list-style-type: none"> <li>input alarm, power failure, alarm recovery, low battery, (missed) test message</li> <li>to private contacts via an app, call, text message and/or email, or to a control room (ARC)</li> </ul>
<b>Reporting</b>	<ul style="list-style-type: none"> <li>status, settings, event history, network strength and position based on Cell-ID</li> </ul>
<b>Settings</b>	<ul style="list-style-type: none"> <li>output pulse times (or hard switching), unauthorized switching option, timer for automatic opening/closing, input type (NO/NC), alarm suppression after call, power failure notification, keep-alive interval, etc.</li> </ul>
<b>Inputs and outputs</b>	<ul style="list-style-type: none"> <li>4x NO/NC (alarm) input</li> <li>2x relay output (bistable, max. 1A/30V)</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>mains adapter (included), or 12-24V DC (regulated). Optional 2x CR123 to receive power failure messages.</li> </ul>
<b>Communication module</b>	<ul style="list-style-type: none"> <li>LTE-CAT1 (EU) + 2G Quad Band</li> </ul>
<b>Communication checks</b>	<ul style="list-style-type: none"> <li>the 'keep-alive' monitor monitors the communication between the Call-Key and the Mobeye Portal. In case of problems, the (service) contacts receive a warning.</li> </ul>
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>The Mobeye Sim/Portal service provides optimum functionality and security. The device works on the 4G network with 2G as fallback and always chooses the strongest provider. The portal provides easy authorisation management, online insight and automatic communication checks. Any alarm notifications are sent via app, call, sms and email.</li> </ul>
<b>Accessories (not included)</b>	<ul style="list-style-type: none"> <li>2x CR123 batteries, DIN-rail adapter, antenna with 30cm cable, antenna with 250cm cable</li> </ul>

Mobeye specialises in high-performance 2G/4G telemetry technology. Visit [mobeye.com](http://mobeye.com) for more information on our innovations, applications and products.

Product	Product	Input		Output	
IP44 (Indoor)	IP66 (Outdoor)	Number	Type	Number	Type
MCK400	MCK400X	2	NO/NC	4	Relais



security. anywhere. anytime.

[mobeye.com](http://mobeye.com)