

# u s e r   g u i d e



Electronic lock for security doors

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**FIAM.**



*Dear Customer,*

*The door is equipped with an electronic lock with a motor-driven bolt closing mechanism with built-in digital control.*

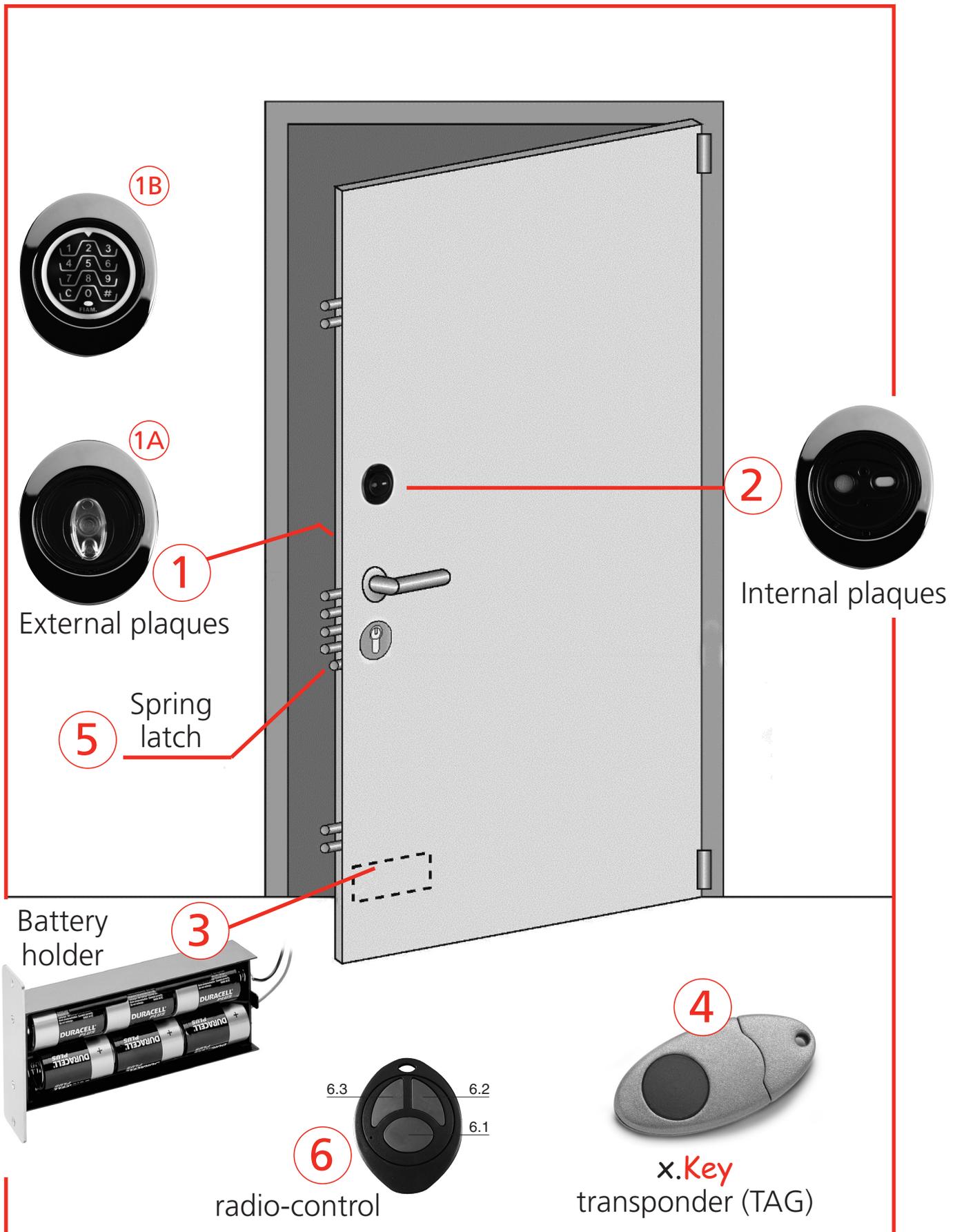
*FIAM's research and experience have led to the development of a product that offers the state of the art in terms of security and reliability. To find out all about this product and make the best use of all it has to offer, read this booklet and keep it handy. It will come in useful again whenever you want to reprogram or check your access, as well for doing ordinary maintenance and solving any problems.*

### **WHAT IS YOUR X1R ELECTRONIC LOCK AND HOW DOES IT FUNCTION:**

Your door is an intelligent door. That is because the x1R is a lock with more than the traditional key mechanism, although that is also always available just in case there is a power cut or any electric or electronic breakdown or damage, as it also offers electronically controlled management of the opening of your security door. The door is locked automatically as soon as it is closed.

This concept summarises countless performances that you can get from the x1R: these will be illustrated simply and intuitively in the pages of this manual.

# GENERAL PLAN OF THE SYSTEM



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## ① EXTERNAL PLAQUE

This term is used to define the electronic checks that use various technologies to allow the user access to the room using an encrypted "code" that generates an electrical impulse that allows the door to be opened. The lock can be controlled using two different access systems:

- ①A TAG (Transponder – RFID).  
• Instruction from page 5 to page 12.



- ①B Numerical Keypad with built-in TAG reader.  
• Instruction from page 13 to page 20.



- In addition the door can be controlled using a radio-control ⑥.  
• Instruction from page 21 to page 25.



Follow the specific instructions for the system fitted on your door.

### NOTE:

For both versions, circuits or other components are housed in the external plaques, and if these are intercepted in case of an attempted violation, they can cause the lock to open.

## INTERNAL PLAQUES:

The internal plaque ② houses two keys for opening and closing the lock by means of a motor built into it.

Push the green to open the door. When the (smaller) black key is pushed, this causes the linkages to move out quickly, and consequently the door is closed.

However, for normal use for which the lock is programmed in the factory (operating mode 1) x1R independently and automatically sees to making your door safe, guaranteeing maximum peace of mind at all times.

The two keys are also used for programming the operating functions. This plaque is equipped with an LED and a buzzer to provide an acoustic signal.



### NOTE:

To activate the internal plate in the first installation phase or in the event of changing it, enter into programming as described on page 9, point A.

# RADIO CONTROL SYSTEM

## BASIC PROGRAMMING

Together with the TAG and keyboard entrance controls your door with its FIAM x 1R electronic lock can also be controlled by a x. Radio (6) radio control system, where provided.

### ACTIVATING RADIO CONTROL

➡ access the "programming" facility

- A. with the door open, keep your finger pressed on spring latch (5) and place the "master" TAG or "master" numeric code near to the receiver located on the external plaque (1) (fig. 1).
- B. The acoustic alarm will emit a rising scale of beeps to warn you that the lock is in the "programming" mode.

**The lock will only remain in this mode (programming) for as long as you keep the spring latch pressed. You will automatically leave the programming mode by releasing it.**

- C. Keep pressing the spring latch (5) and press the black key on the internal plaque (2) (fig. 3) for at least one second. The buzzer will emit one short beep. Then press key 6.1 on the radio control (6) (fig. 9). Each radio control presented and activated with the procedure just described will be recorded at "service" level. The buzzer will confirm memorizing each radio control with one a short beep. When you have completed the memorization procedure go on to enabling all the radio controls recorded at "service" level, by pressing the black key on the internal plaque (2) (fig. 3) for at least one second. The buzzer will emit two short beeps.

#### NOTE:

If the buzzer emits TWO short beeps at the start of stage 3 then press the black key again until the buzzer emits ONE short beep only, confirming that the lock is now set for memorizing the radio controls at "service" level.

➡ release the pressure on the spring latch (5) to exit the programming mode.



FIG.1



FIG.3



FIG.9



## HOW IT WORKS

The FIAM x1R electronic key works very simply using the radio control:

from outside the premises, press key 6.1 on the radio control (the right working distance is no further than 5 m., as long as the receiver has been installed correctly inside the door): the lock will open to be able to enter the premises (fig. 12).

The lock will automatically lock up when you close the door again, as long as this functional mode has been provided.

There are various options for leaving the premises.

- pressing the green key located on the internal plaque (Fig. 5)
- pressing a remote key (optional) which can be located at a distance from the door (for example, the interphone key or an ordinary button)
- using the mechanical key
- pressing key 6.1 on the radio control

**NOTE:**

Please remember that the FIAM x1R electronic lock can always work at any time, even if there are problems, both from the inside and outside by using the mechanical key, which can be carried inside the TAG.

Keys 6.2 and 6.3 located on the x.Radio radio control (momentarily free) are available for controlling other entrances to your home in RF. You can memorize the frequencies with a special operational card (optional), for example the gate or garage roller shutters, which can be controlled from the same radio control used to open your door. Please contact your retailer or visit the FIAM web site for further information.

FIG.12



FIG.5



# BASIC PROGRAMMING

## OPERATING RADIO CONTROL

### NOTE:

The system for operating radio controls is quite similar to the TAG transponder and numeric code systems described in this manual. We would however recommend using your enabled radio control for opening your door only. See the instructions specified in the previous pages for programming and changing any of the other lock functions or services and follow the specific instructions according to whether you have a TAG reader or numeric keyboard entrance control.

You can operate the radio control simply and rapidly in total security with the FIAM x1R locks electronic system. It is in fact possible to disable and re-enable radio controls, even temporarily, by adding or eliminating other radio controls to the list of those being used or totally cancel them.

### To disable ALL the radio controls, you must:

#### ↶ access the "programming" facility

- A. with the door open, keep your finger pressed on spring latch (5) and place the "master" TAG (4) (or "master" numeric code) near to the receiver located on the external plaque (1) (fig. 1).
- B. The acoustic alarm will emit a rising scale of beeps, to warn you that the lock is in the "programming" mode.

**The lock will only remain in this mode (programming) for as long as you keep the spring latch pressed. You will automatically leave the programming mode by releasing it.**

- C. Keeping the spring latch (5) constantly pressed, press the black key located on the internal plaque (2) (fig. 3) for at least one second, until the buzzer emits one short beep.  
All the radio controls for opening the lock are now disabled but still stored in the electronic memory.

**This operation also simultaneously disables any TAG and numeric codes being used.**

#### ↶ release the pressure on the spring latch (5) to exit the programming mode.

FIG.1



FIG.3



# BASIC PROGRAMMING

To re-enable ALL the radio controls you must:

➡ access the "programming" facility

- A. with the door open, keep your finger pressed on spring latch (5) and place the "master" TAG (4) (or "master" numeric code) near to the receiver located on the external plaque (1) (fig. 1).
- B. The acoustic alarm will emit a rising scale of beeps, to warn you that the lock is in the "programming" mode.

**The lock will only remain in this mode (programming) for as long as you keep the spring latch pressed. You will automatically leave the programming mode by releasing it.**

- C. Keeping the spring latch (5) constantly pressed, press the black key located on the internal plaque (2) (fig. 3) for at least one second until the buzzer emits two short beeps.  
All the radio controls stored in the electronic memory are now re-enabled to open the lock.

**This operation also simultaneously re-enables any TAG and numeric code being used.**

➡ release the pressure on the spring latch (5) to exit the programming mode.

FIG.1



FIG.3



# BASIC PROGRAMMING

To definitively delete ONE or MORE radio controls, you must:

➡ access the "programming" facility

- A. with the door open, keep your finger pressed on spring latch (5) and place the "master" TAG (4) (or "master" numeric code) near to the receiver located on the external plaque (1) (fig. 1).
- B. The acoustic alarm will emit a rising scale of beeps, to warn you that the lock is in the "programming" mode.

**The lock will only remain in this mode (programming) for as long as you keep the spring latch pressed. You will automatically leave the programming mode by releasing it.**

- C. Keeping the spring latch (5) constantly pressed, press key 6.1 on the radio control to delete. Repeat the operation for any other radio controls to be deleted. The buzzer will confirm each radio control eliminated from the electronic memory with three short beeps.

➡ release the pressure on the spring latch (5) to exit the programming mode.

To definitively cancel ALL the radio controls (total reset), you must:

➡ access the "programming" facility

- A. with the door open, keep your finger pressed on spring latch (5) and place the "master" TAG (4) (or "master" numeric code) near to the receiver located on the external plaque (1) (fig. 1).
- B. The acoustic alarm will emit a rising scale of beeps, to warn you that the lock is in the "programming" mode.

**The lock will only remain in this mode (programming) for as long as you keep the spring latch pressed. You will automatically leave the programming mode by releasing it.**

- C. Keeping the spring latch (5) constantly pressed, press the green and black keys located on the internal plaque (2) (fig. 2) together for at least two seconds. The buzzer will emit one long beep to confirm.

**This operation also simultaneously deletes all the TAGs and numeric codes being used.**

➡ release the pressure on the spring latch (5) to exit the programming mode.

FIG.1



FIG.2

