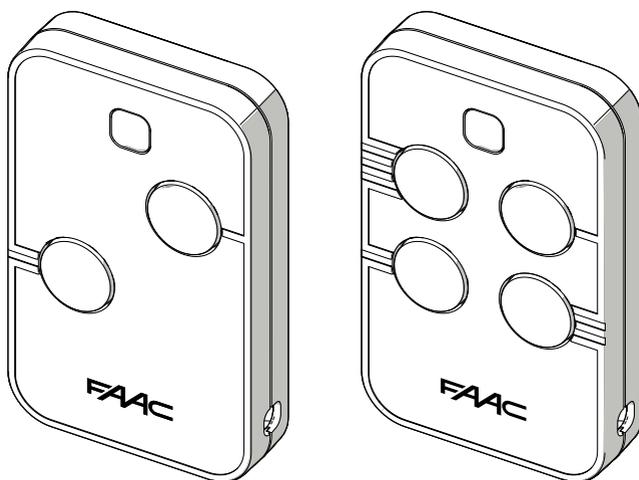


# XT02-XT04



EN

**FAAC**

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# 1. INTRODUCTION TO THE INSTRUCTION MANUAL



The images of the receiver board are for illustration purposes only and do not represent a specific model or receiver. For detailed information, please refer to the manual of the installed board.

## 1.1 MEANING OF THE SYMBOLS USED



**ATTENTION** - Indicates an important note.



**TIME** - Perform the operation within the time indicated.



**CLOCK** - Indicates the duration of the operation (in seconds).



**Press and hold one or more buttons until a specific indication is given.**



**Release one or more buttons.**



**Press and release one or more buttons.**



**Refer to the instructions.**



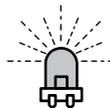
**LED STEADY ON**



**LED OFF**



**SLOW FLASHING**



**FAST FLASHING**

## 2. PRODUCT INFORMATION

The XTO is a transmitter designed for automatic vehicle and pedestrian entrance applications.

### 2.1 TECHNICAL SPECIFICATIONS

The XTO transmitter is available in four models that differ in frequency and number of channels: the XTO2 model has two channels, while the XTO4 model has four (each channel is assigned to a specific button).

The XTO transmitters are compatible with the following communication protocols:

- XTO 433 MHz: SLH-SL-DS-RC
- XTO 868 MHz: SLH-DS

Each button can be programmed to transmit a different protocol to the others.

SLH encoded XTO transmitters are fully compatible with the SLHP system.

XTO transmitters with SL and DS protocols can be stored on a board if they learn the code from an SL or DS transmitter already stored on the board.

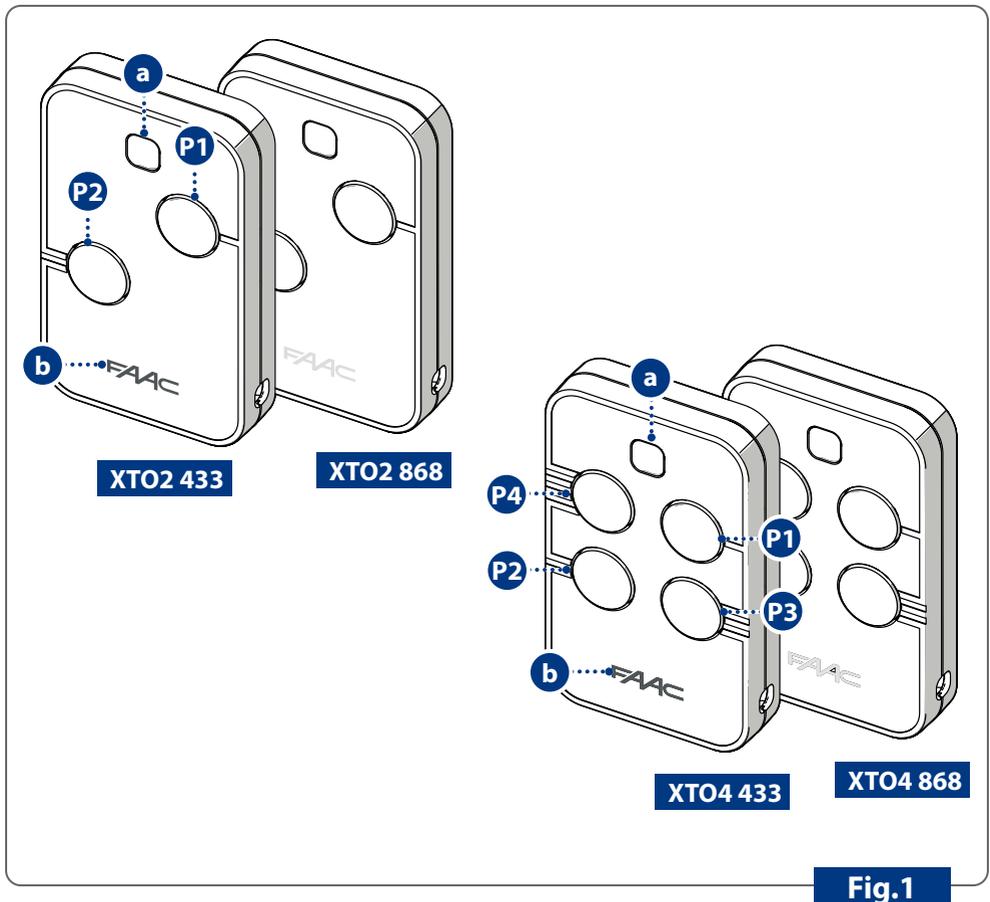
#### 2.1.1. AVAILABLE MODELS

- XTO2 SLH-SL-DS-RC 433 MHz
- XTO4 SLH-SL-DS-RC 433 MHz
- XTO2 SLH-DS 868 MHz
- XTO4 SLH-DS 868 MHz

#### 2.1.2. TECHNICAL DATA

	<b>XTO2 SLH-SL-DS-RC 433 MHz</b>	<b>XTO4 SLH-SL-DS-RC 433 MHz</b>	<b>XTO2 SLH-DS 868 MHz</b>	<b>XTO4 SLH-DS 868 MHz</b>
<b>Channels</b>	2	4	2	4
<b>Frequency</b>	433.92 MHz	433.92 MHz	868.35 MHz	868.35 MHz
<b>RF power</b>	<10 dBm (10 mW)	<10 dBm (10 mW)	<10 dBm (10 mW)	<10 dBm (10 mW)
<b>Compatible communication protocols</b>	SLH-SL-DS-RC	SLH-SL-DS-RC	SLH-DS	SLH-DS
<b>Default communication protocol</b>	SLH	SLH	SLH	SLH
<b>Power supply</b>	1 lithium battery 3V CR2032	1 lithium battery 3V CR2032	1 lithium battery 3V CR2032	1 lithium battery 3V CR2032

## 2.2 PRODUCT IDENTIFICATION



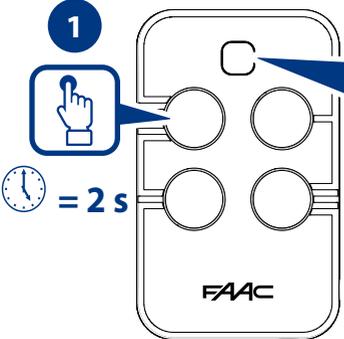
**Fig.1**

Pos	Description
a	LED
b	grey logo: 433 MHz white logo: 868 MHz
P1	Button P1
P2	Button P2
P3	Button P3
P4	Button P4

## 2.3 IDENTIFYING THE ENCODING PROTOCOL

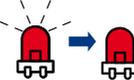
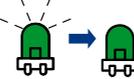
Each button on the XTO transmitter can be programmed with a different encoding protocol. To identify the protocol follow the procedure below.

**1**



**= 2 s**

**2**

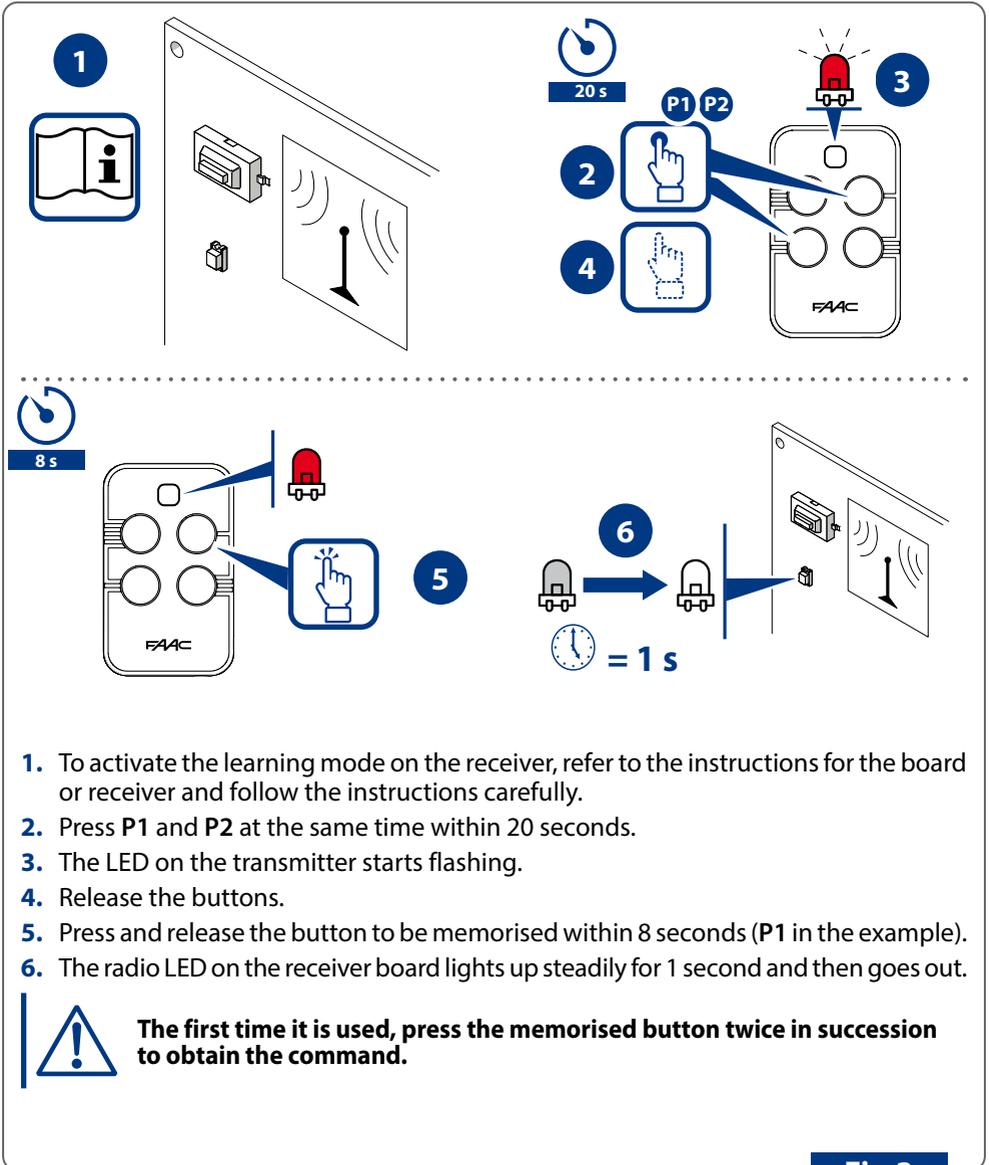
	Red 1 flash and then steady	<b>SLH</b>
	Steady red	<b>SLH with LOCK function enabled</b>
	Flashing green	<b>RC</b>
	Green 1 flash and then steady	<b>SL</b>
	Steady green	<b>SL with LOCK function enabled</b>
	Flashing red	<b>DS</b>

1. Press the button to be identified for 2 seconds.
2. The LED will light up or flash according to the type of radio protocol memorised.

**Fig.2**

### 3. PROCEDURE FOR XTO TRANSMITTERS WITH SLH ENCODING

#### 3.1 MEMORISING THE FIRST XTO WITH SLH ENCODING



1. To activate the learning mode on the receiver, refer to the instructions for the board or receiver and follow the instructions carefully.
2. Press P1 and P2 at the same time within 20 seconds.
3. The LED on the transmitter starts flashing.
4. Release the buttons.
5. Press and release the button to be memorised within 8 seconds (P1 in the example).
6. The radio LED on the receiver board lights up steadily for 1 second and then goes out.

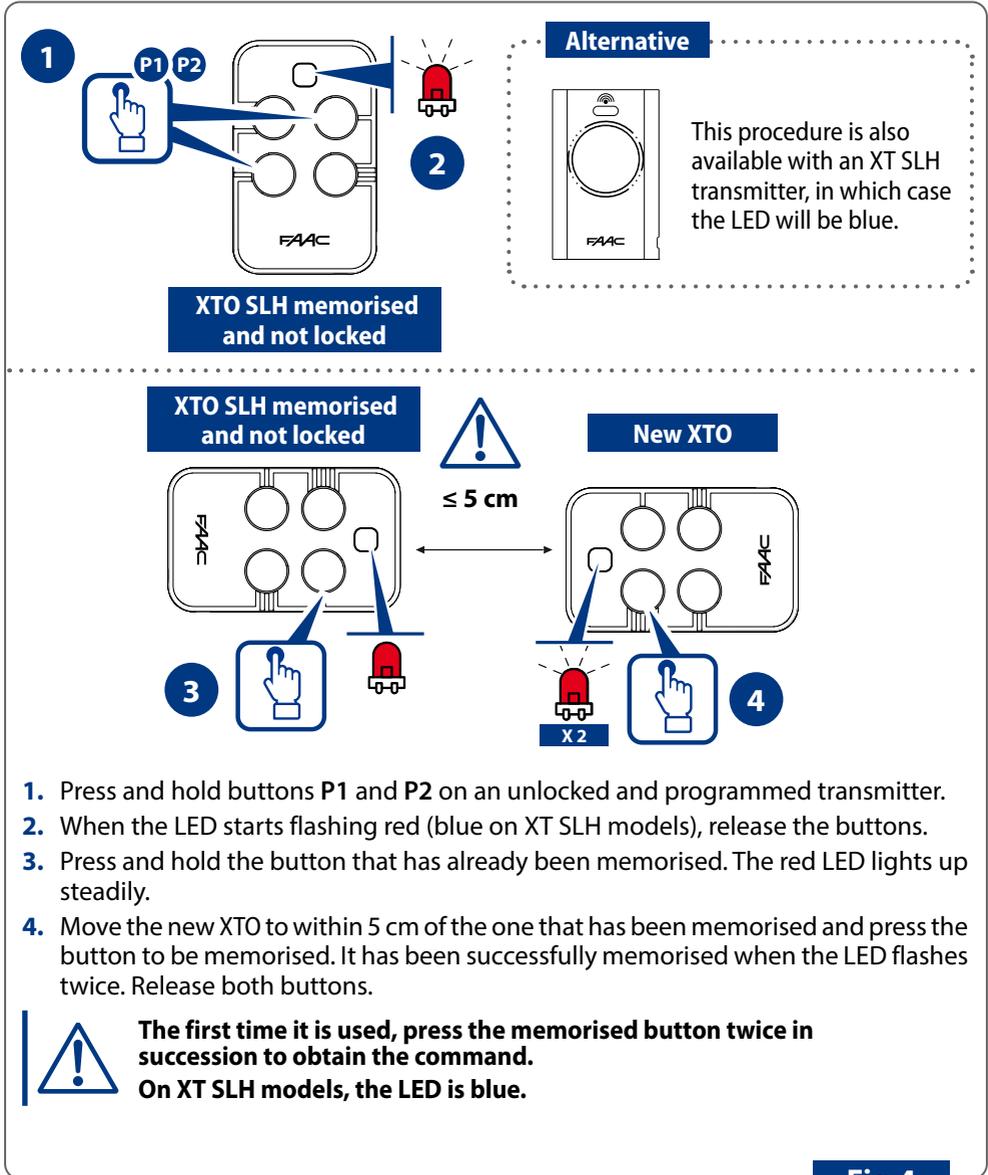
**The first time it is used, press the memorised button twice in succession to obtain the command.**

**Fig.3**

## 3.2 LEARNING FROM A PREVIOUSLY MEMORISED SLH TRANSMITTER



Self-learning can only take place if the transmitter is not locked. To determine the status, please see section: § 2.2 Product identification.



**Fig.4**

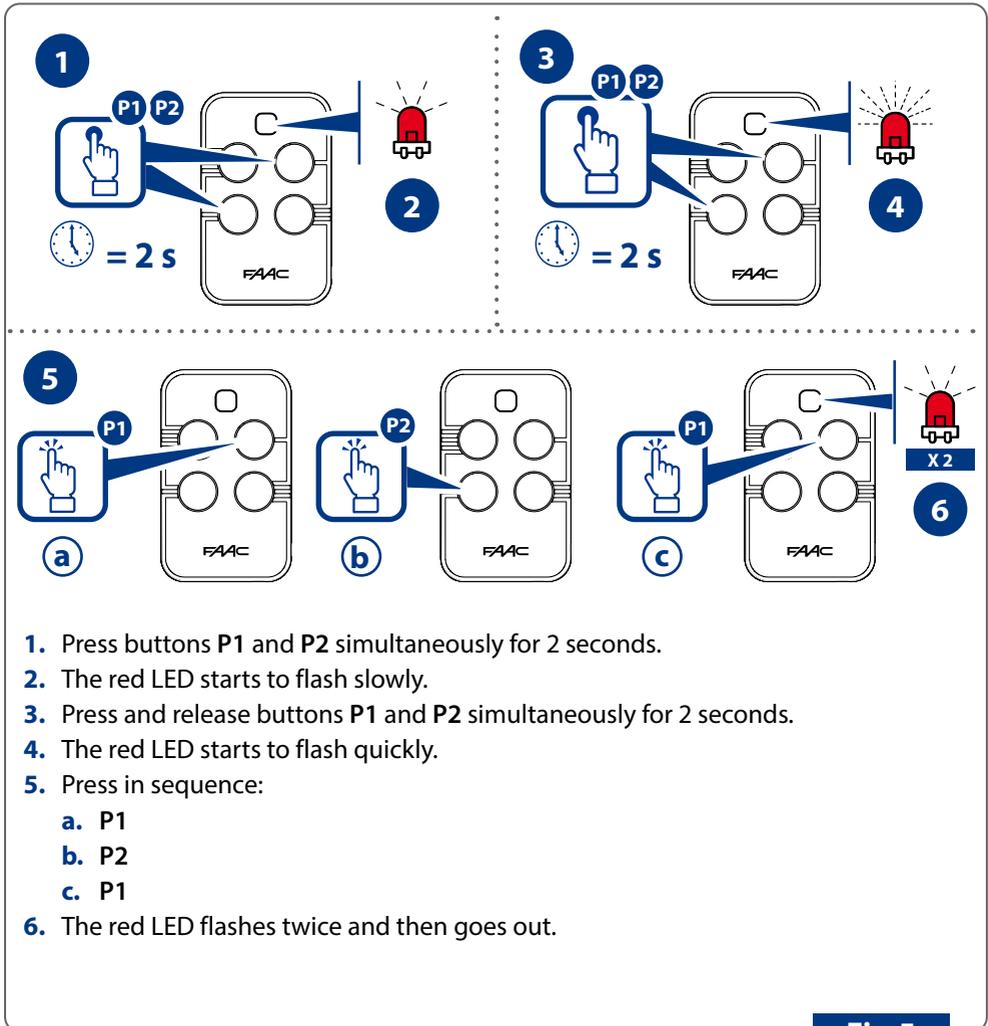
### 3.3 ENABLING THE LOCK FUNCTION ON XTO SLH



XTO with the lock function enabled cannot memorise its code on the receiver or transmit its code to another transmitter.

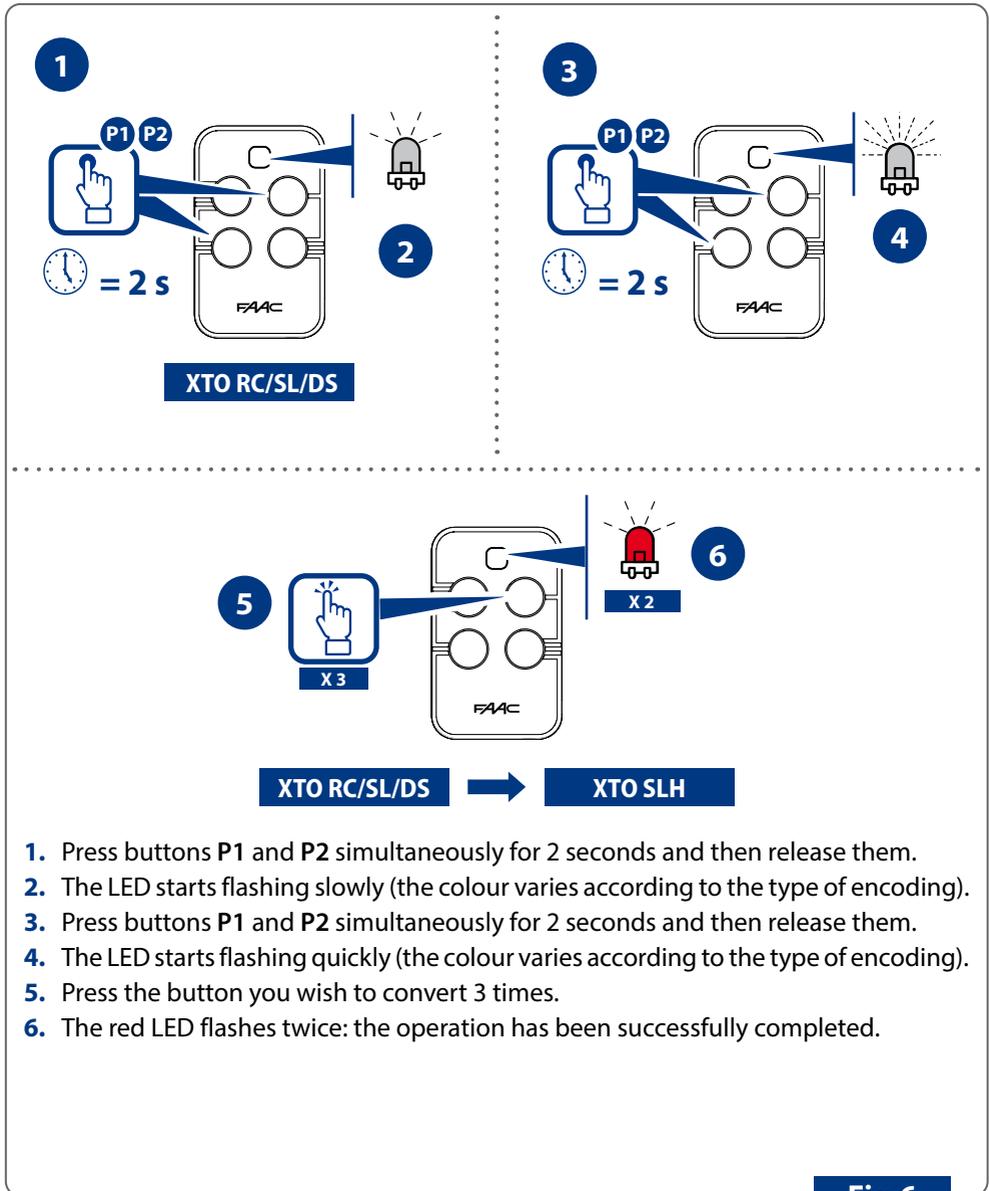
To disable the lock function, a factory reset must be carried out (see § 7.1 Restore factory settings (this operation is irreversible))

The lock function is only available for SLH and SL channels; enabling it will lock all SLH or SL channels on the transmitter.



**Fig.5**

## 3.4 RESETTING AN RC/SL/DS CHANNEL TO SLH

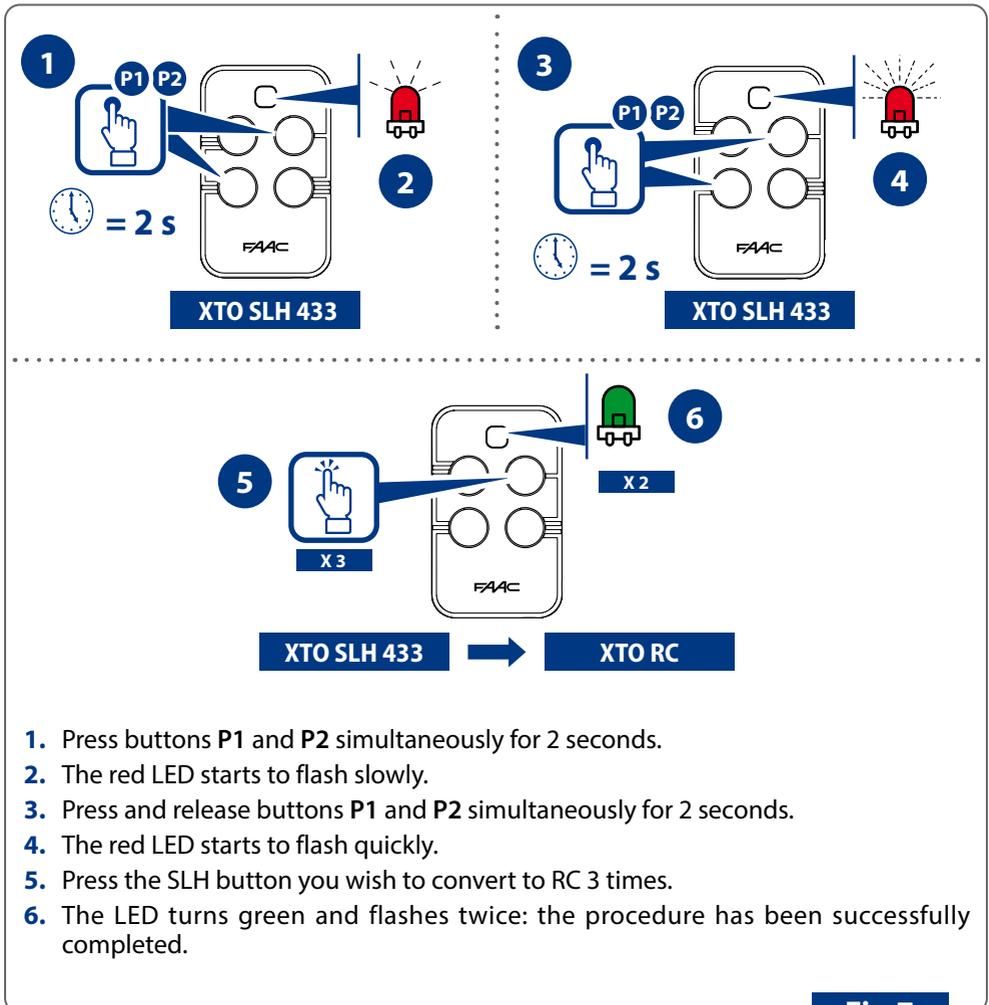


**Fig.6**

## 4. PROCEDURE FOR XTO TRANSMITTERS WITH RC ENCODING

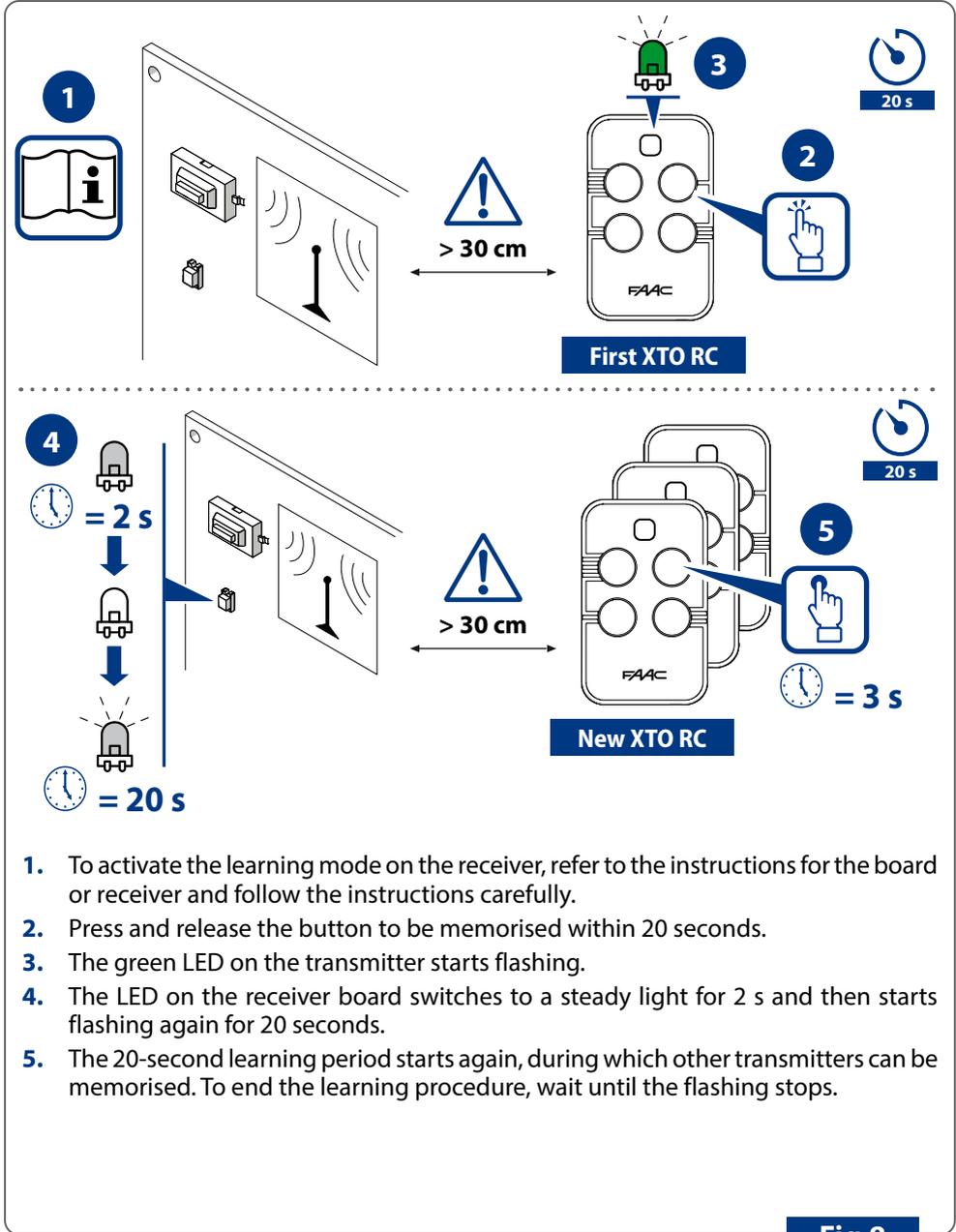
### 4.1 CONVERTING AN SLH ENCODED CHANNEL INTO RC (433 ONLY)

The XTO transmitters are set at the factory to use SLH encoding on all channels. To work with devices that require RC encoding, the channels must be converted to this encoding before carrying out memorisation.



**Fig.7**

## 4.2 MEMORISATION ON RECEIVER

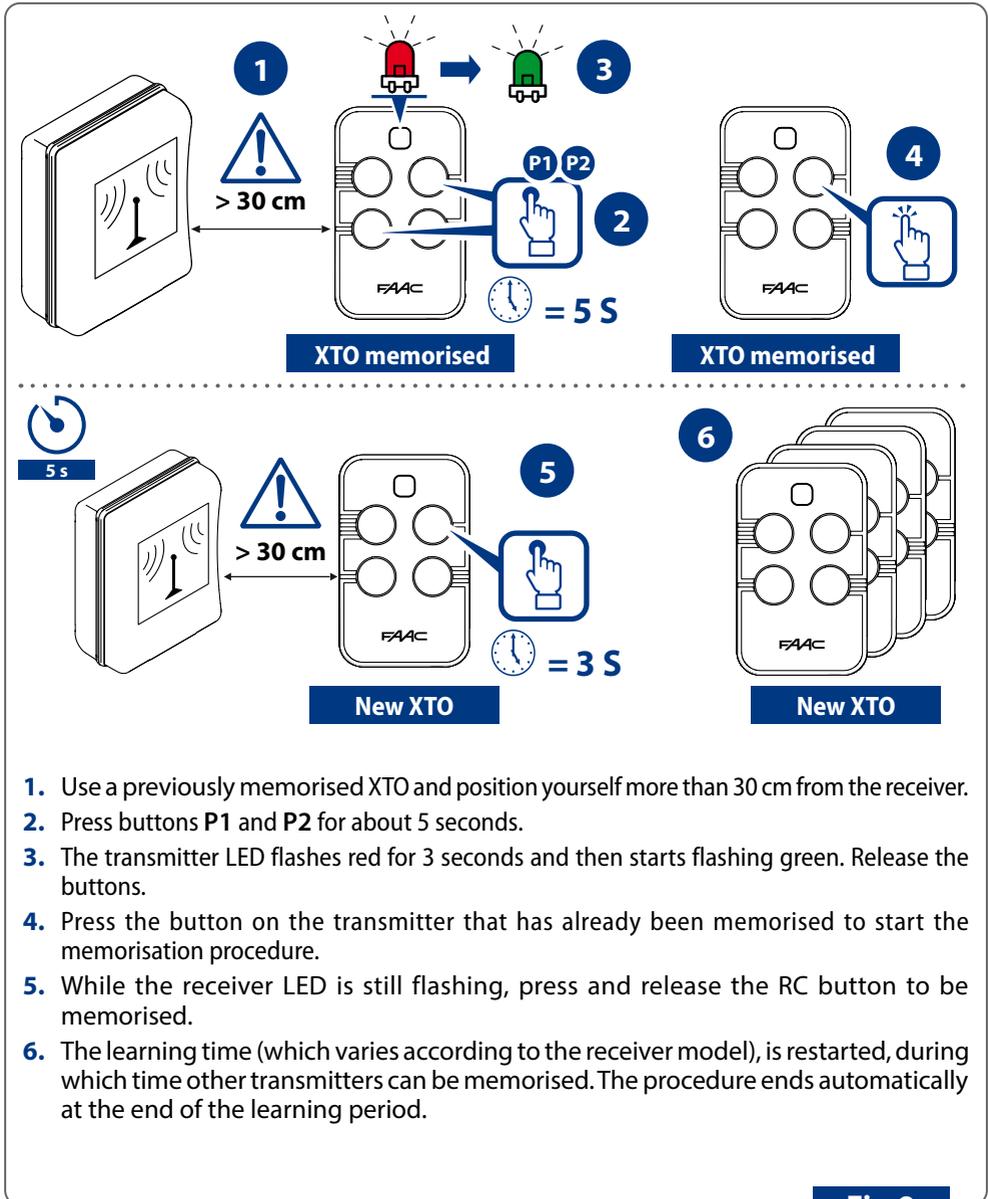


1. To activate the learning mode on the receiver, refer to the instructions for the board or receiver and follow the instructions carefully.
2. Press and release the button to be memorised within 20 seconds.
3. The green LED on the transmitter starts flashing.
4. The LED on the receiver board switches to a steady light for 2 s and then starts flashing again for 20 seconds.
5. The 20-second learning period starts again, during which other transmitters can be memorised. To end the learning procedure, wait until the flashing stops.

**Fig.8**

## 4.3 ADDING NEW XTO RCS WITHOUT ACCESSING THE BOARD

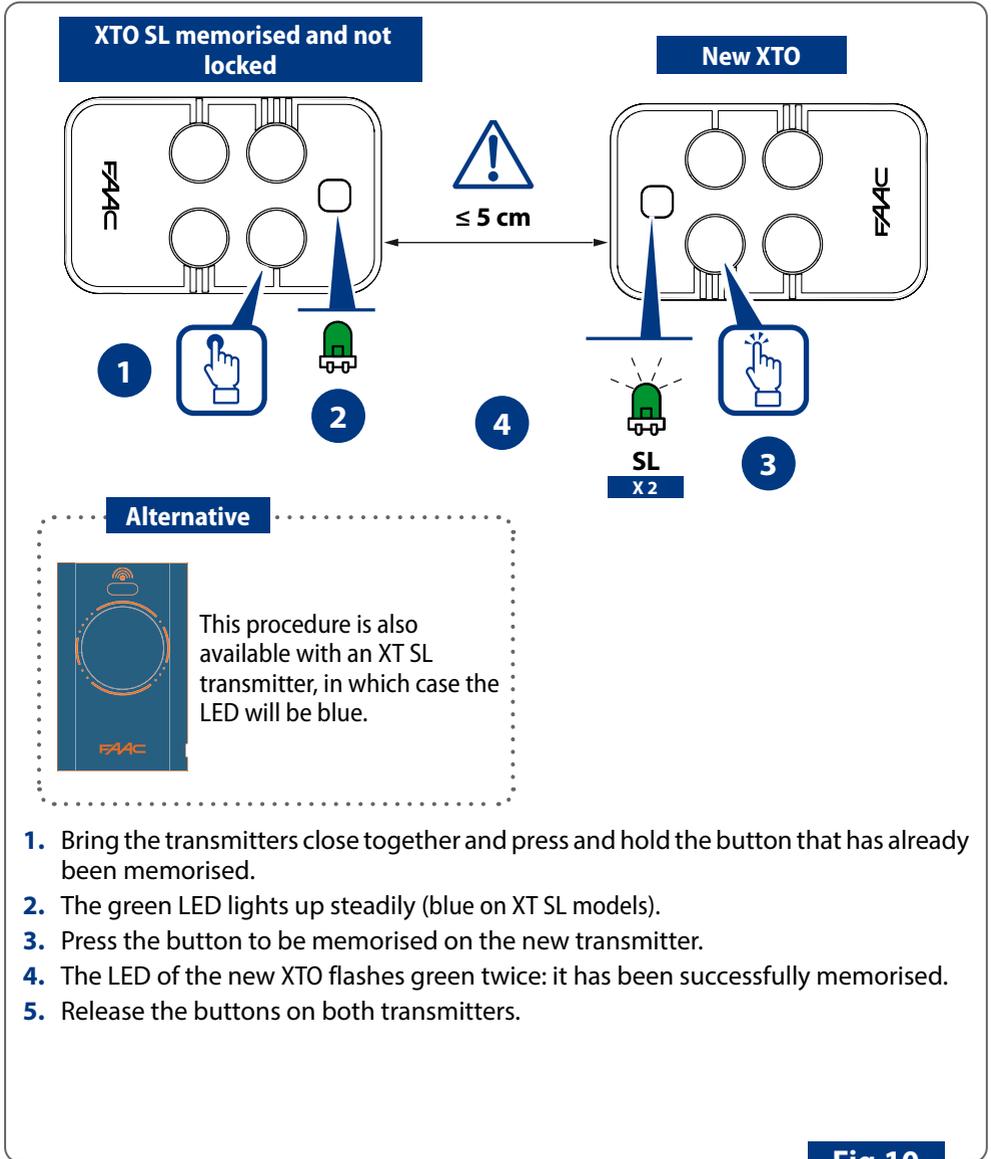
Transmitters with at least one channel in RC mode can activate the learning procedure from a transmitter that has already been memorised, without having to access the board.



**Fig.9**

## 5. PROCEDURE FOR XTO TRANSMITTERS WITH SL ENCODING

### 5.1 LEARNING FROM A PREVIOUSLY MEMORISED SL TRANSMITTER



**Fig.10**

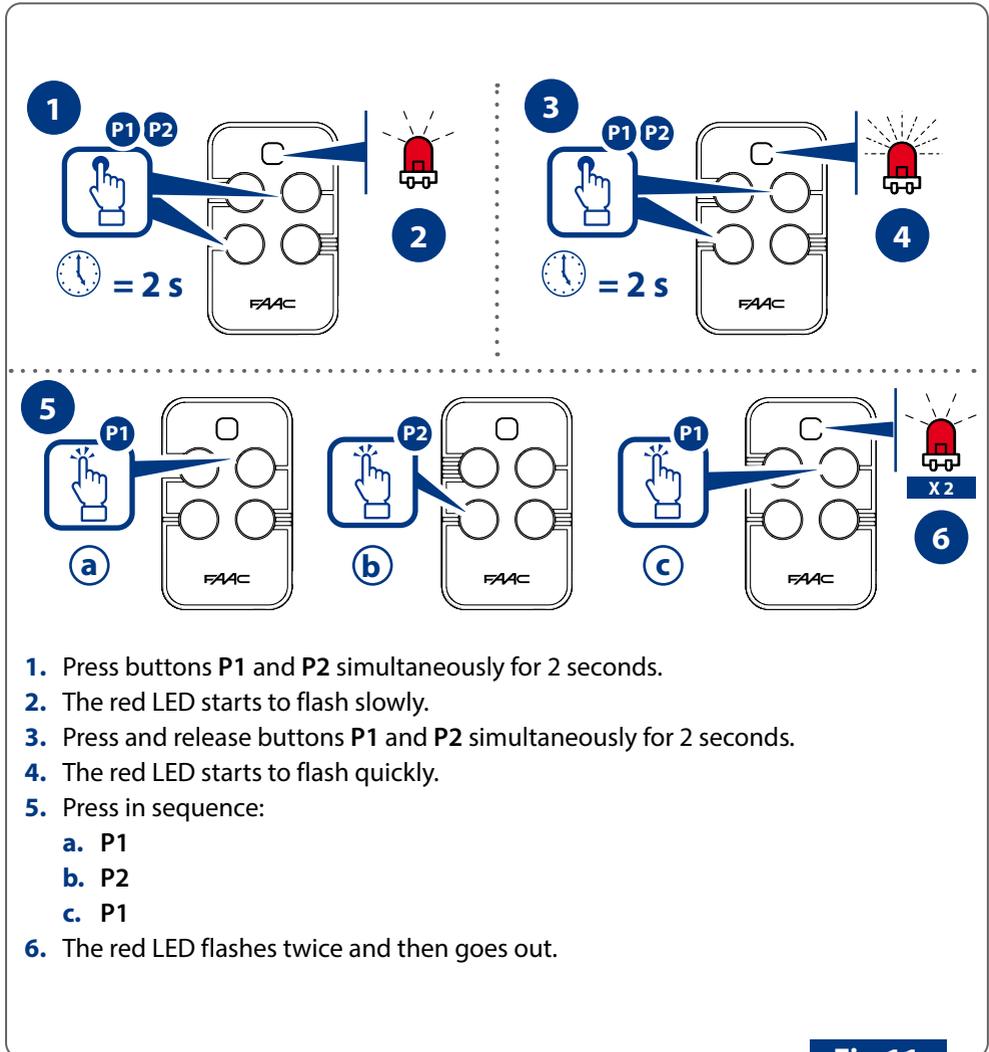
## 5.2 ENABLING THE LOCK FUNCTION ON XTO SL



An XTO with the lock function enabled cannot memorise its code on the receiver or transmit its code to another transmitter.

To unlock the transmitter, it must be reset to the factory settings. To perform the reset, follow the instructions in section § 7.1 Restore factory settings (this operation is irreversible)

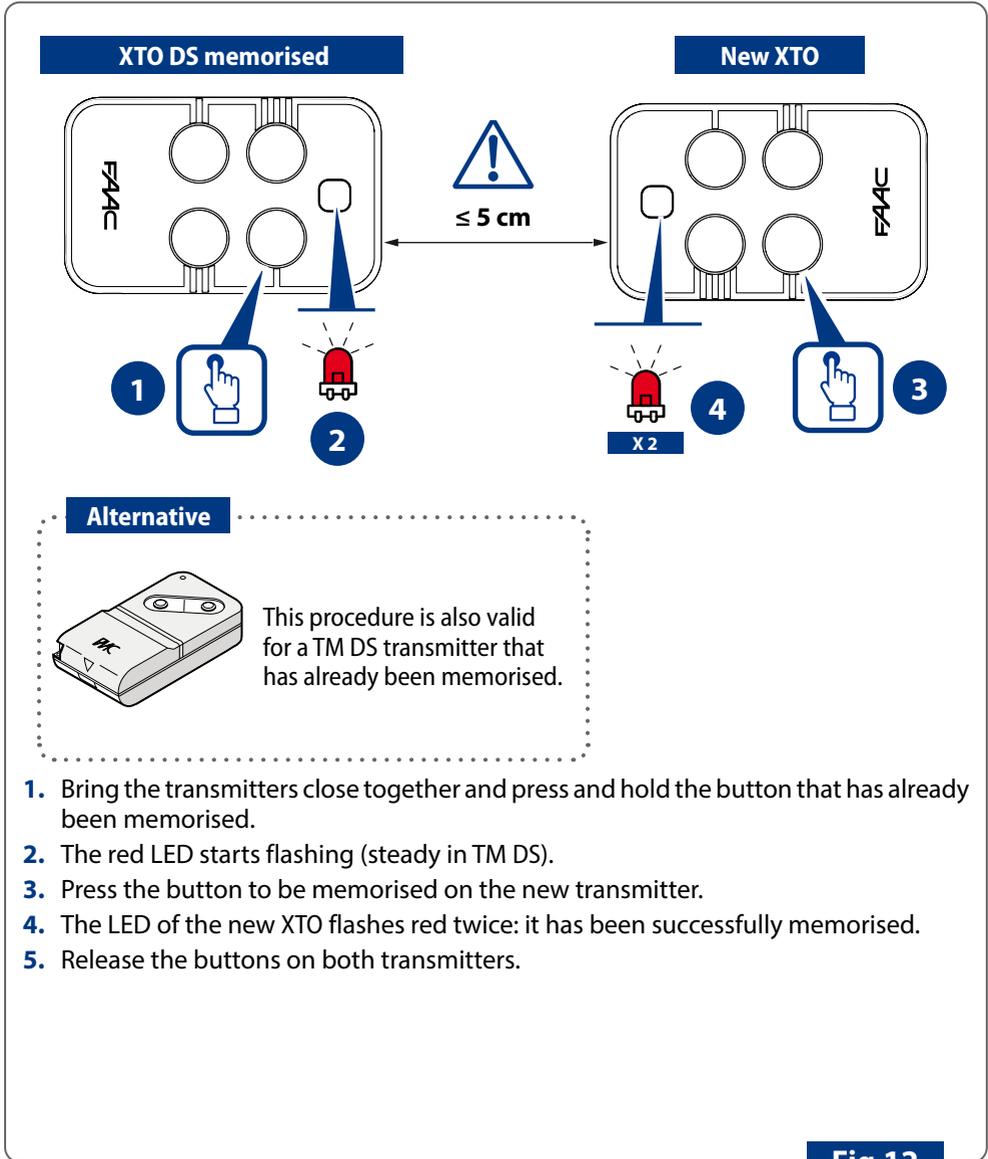
The lock function is only available on SLH and SL channels; enabling it will lock all SLH or SL channels on the transmitter.



**Fig.11**

## 6. PROCEDURES FOR XTO TRANSMITTERS WITH DS ENCODING

### 6.1 LEARNING FROM A PREVIOUSLY MEMORISED DS TRANSMITTER



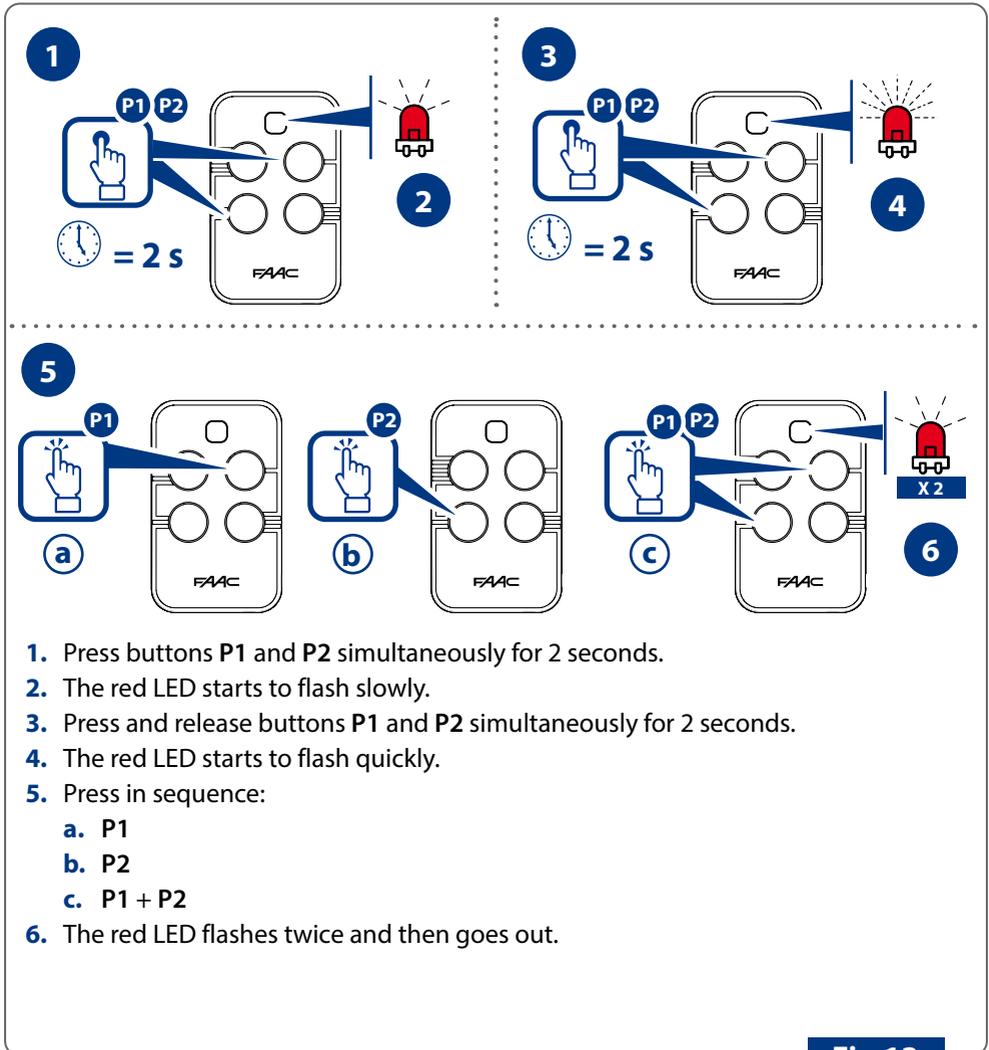
**Fig.12**

## 7. MAINTENANCE

### 7.1 RESTORE FACTORY SETTINGS (THIS OPERATION IS IRREVERSIBLE)



**WARNING:** resetting the transmitter reloads the factory settings and disables it on systems that have already been configured.



**Fig.13**

## 7.2 REPLACING THE BATTERY

**PH0**

**CR2032**

**PH0**

**Warning:** This product contains a button cell battery. If the button cell battery is swallowed, it can cause severe internal burns in as little as 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you suspect that a battery has been swallowed or inserted into any part of the body, seek immediate medical attention. Risk of fire or explosion if the battery is replaced by an incorrect type.

**Fig.14**



**FR**  
 Cet appareil se recycle

À DÉPOSER EN MAGASIN

OU

À DÉPOSER EN DÉCHÈTERIE



Points de collecte sur [www.quefairede mesdechets.fr](http://www.quefairede mesdechets.fr)  
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