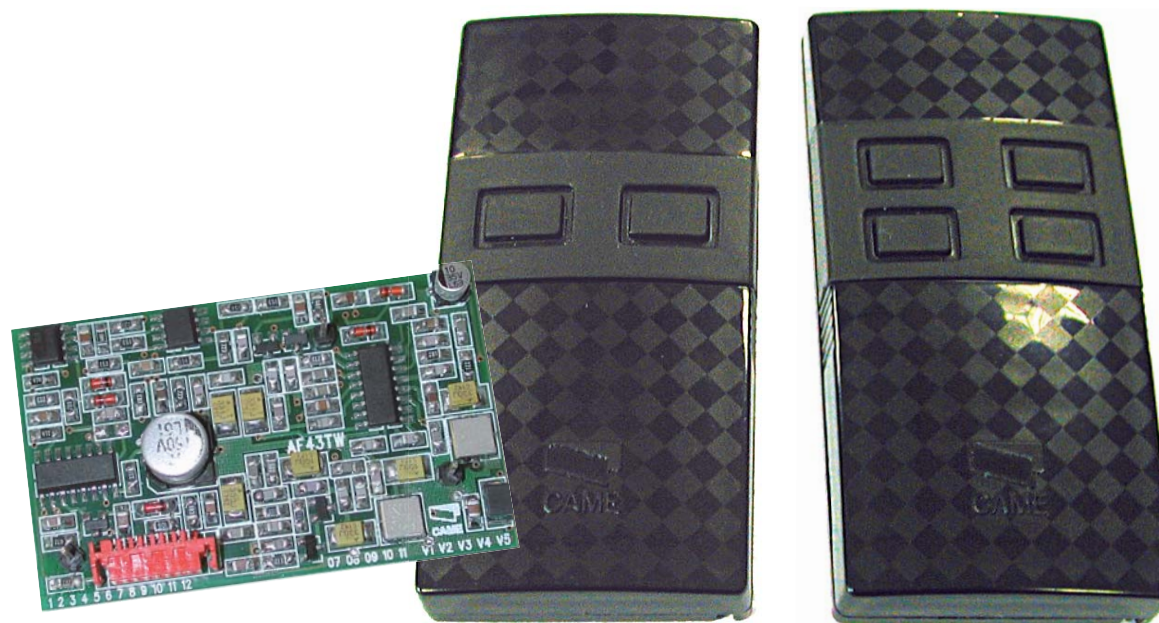


*TRANSMITTER*

# TWIN

(in Key-Block Mode)



**Encoding and  
maintenance instructions**

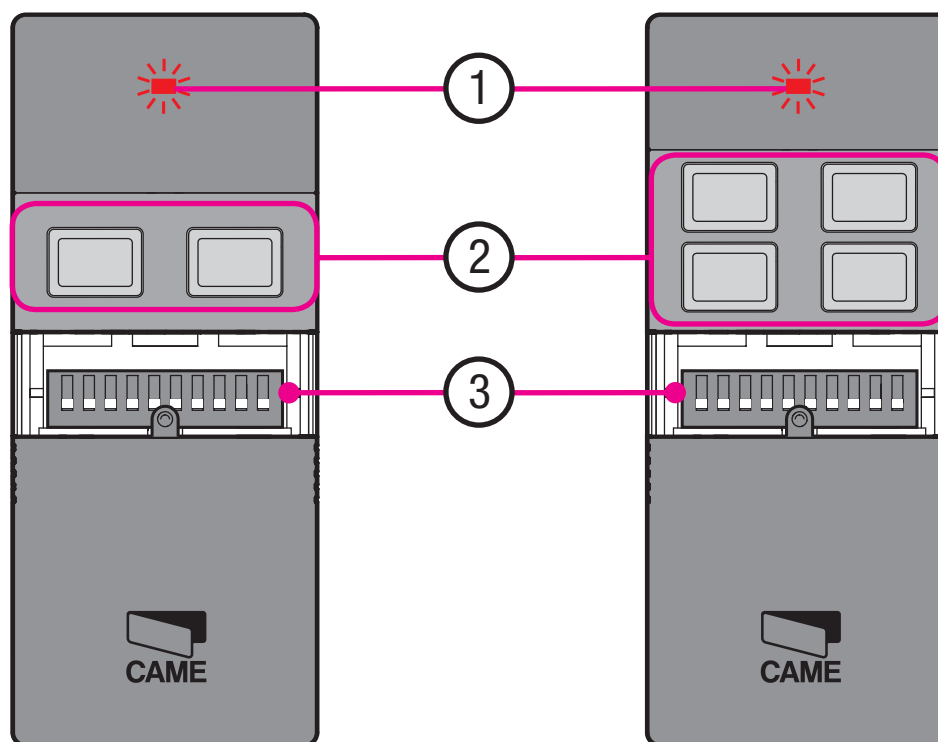
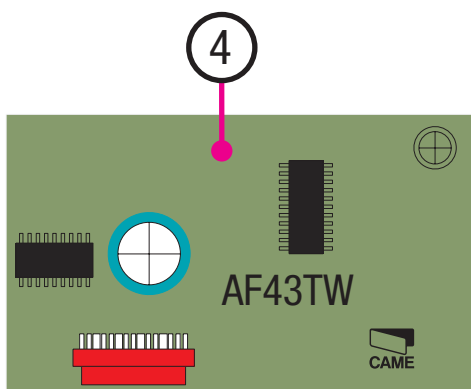
## 1 Description

A radio system, that thanks to its self-learning mode is compatible with CAME TOP and TAM series, 433.92 Mhz transmitters.

Allows you to insert a password using a 10-way Dip-switch, to prevent copying of Key-Block code.

This product is engineered and manufactured by CAME CANCELLI AUTOMATICI S.p.A. and is guaranteed 24 months if not tampered with.

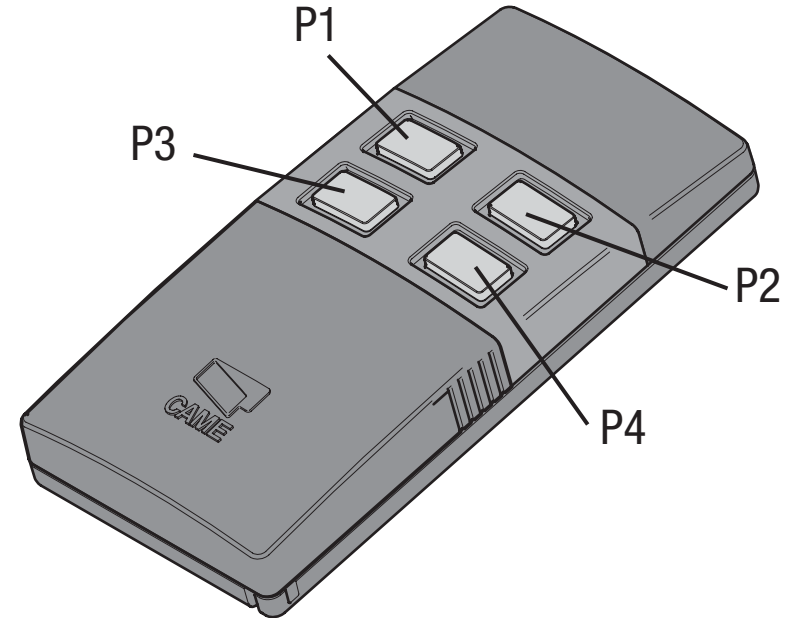
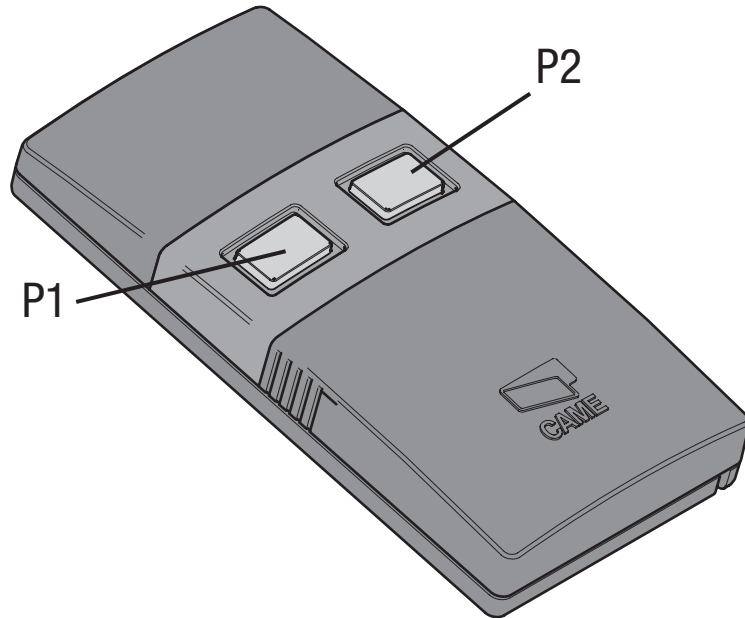
- 1- Signalling LED
- 2- Buttons
- 3- Password inputing Dip-switch
- 4- AF43TW radio receiver card



## 2 Compatibility

You can associate different encodings for each button. Each encoding is distinguishable by a different flashing:

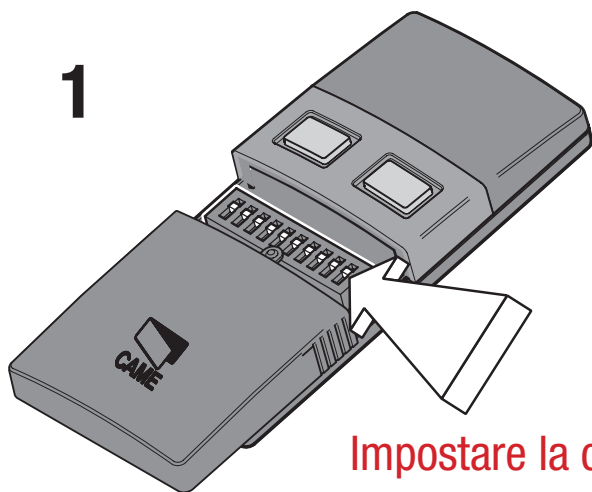
- 1 - TAM Encoding (factory settings ) – two flashes plus a pause
- 2 - TOP encoding: continuous flashing
- 3 - Key-Block encoding: three flashes plus a pause



## WARNING!! WITH THIS PROCEDURE ALL THE BUTTONS ARE PROTECTED BY THE KEY-BLOCK MODE.

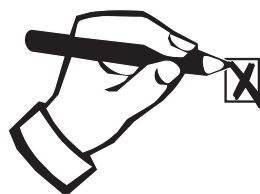
These buttons may not be duplicated onto another transmitter without knowing the password.

1



Impostare la chiave sul  
Dip Switch del trasmettitore

Choose the required ON/OFF combination and write it into the apposite grille to save it:



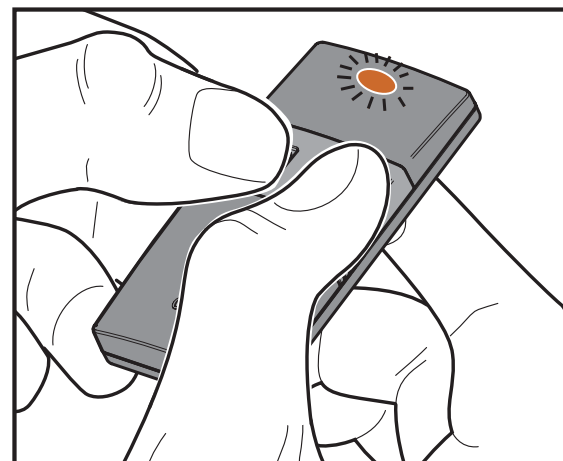
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>ON</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>OFF</b>
1	2	3	4	5	6	7	8	9	10	

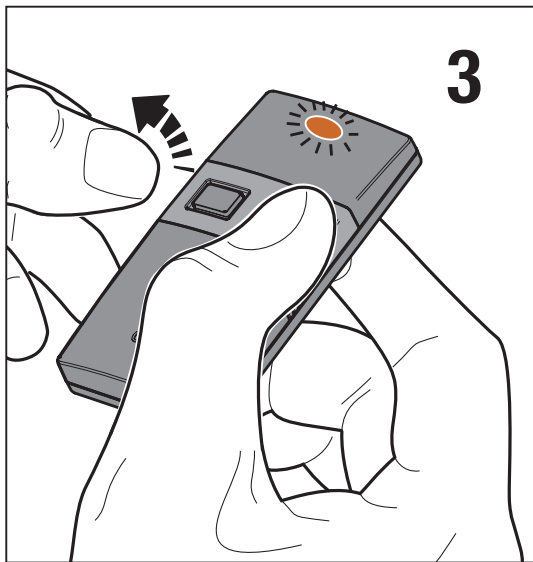
**(AT LEAST 1 DIP SWITCH ON!)**

2

Keep buttons 1 and 2 pressed.  
The LED flashes slowly.

After 5 s the LED starts flashing quickly.

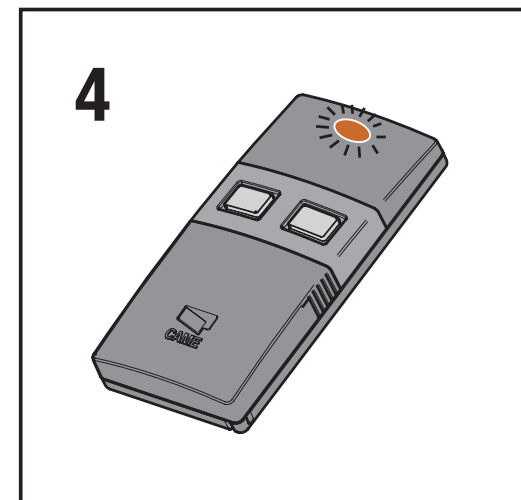




Release **only** button 1: the LED keeps on flashing quickly for about 4 s.

Once 4 s have elapsed the LED stay on continually – at this point you can also release button 2.  
The code which has been set using the Dipswitches is now stored in memory.

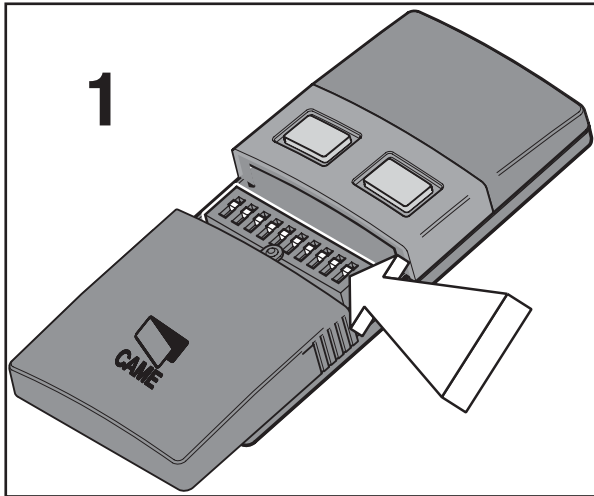
**RESET ALL THE DIP-SWITCHES TO OFF!!**  
**Always do this procedure for the transmitter to work.**



**Warning!!** To make the transmitter functional again and to avoid any correspondence between the stored password and the Dip-switches (the code could be detected) set the Dip-switches to OFF at the end of the procedure.

## 4 Key-Block mode duplication

To duplicate the buttons from a TWIN transmitter in Key-Block mode to another TWIN transmitter:



**1 - Set the password on the already active transmitter (to allow copying onto the new transmitter).**

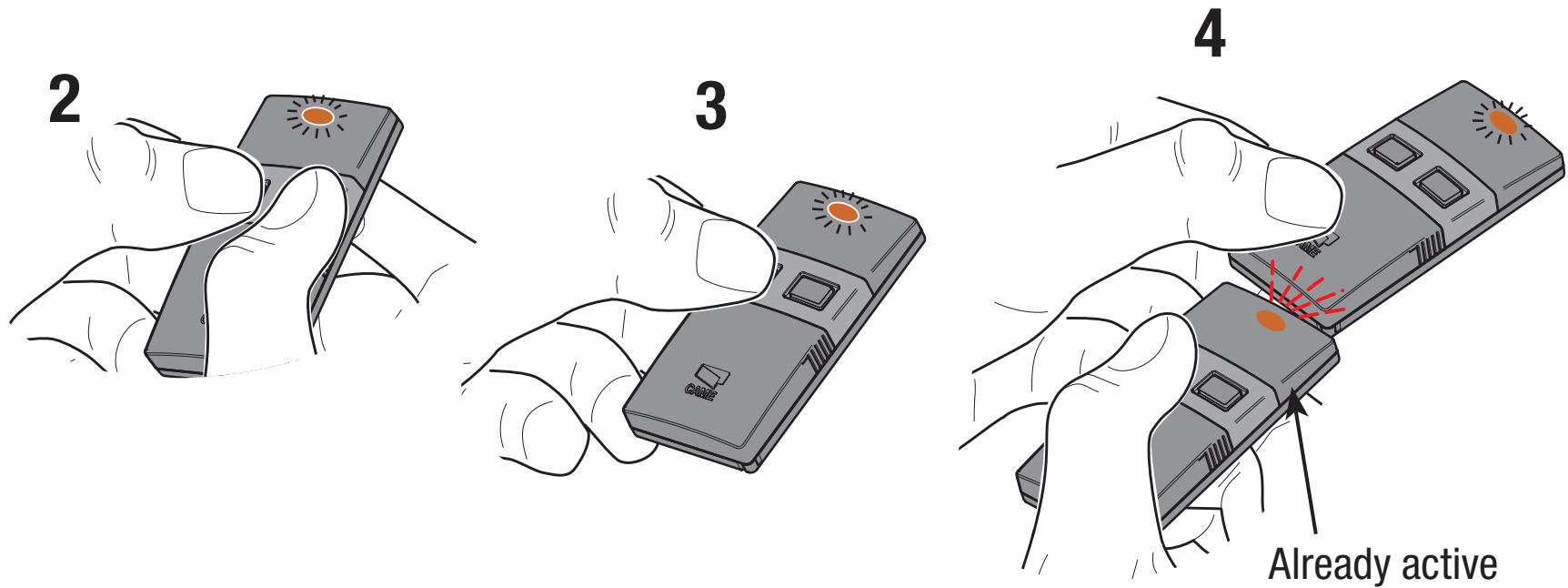
2 - On the new transmitter press buttons P1 and P2 simultaneously until the LED flashes more quickly;

3 - then press the button you wish to activate (the LED stays on);

4 - within 10 seconds rest the already encoded transmitter, to its back part, while pressing the button you wish to duplicate for a few seconds.

Once memorised, the LED on the just-activated transmitter will flash 3 times.

Repeat 2, 3 and 4 for the other buttons as well.



**RESET THE DIPSWITCHES TO OFF!!**  
**Always do this procedure for the transmitter to work.**

***Warning!!***  
***The code is copied even if the new TWIN is already Key-Block encoded.***  
***In this case the procedure simply overwrites the encoding.***

Example 1: INSTALLED SYSTEM with TOP or TAM transmitters.

**Scope: to transform the entire system into Key-Block mode**

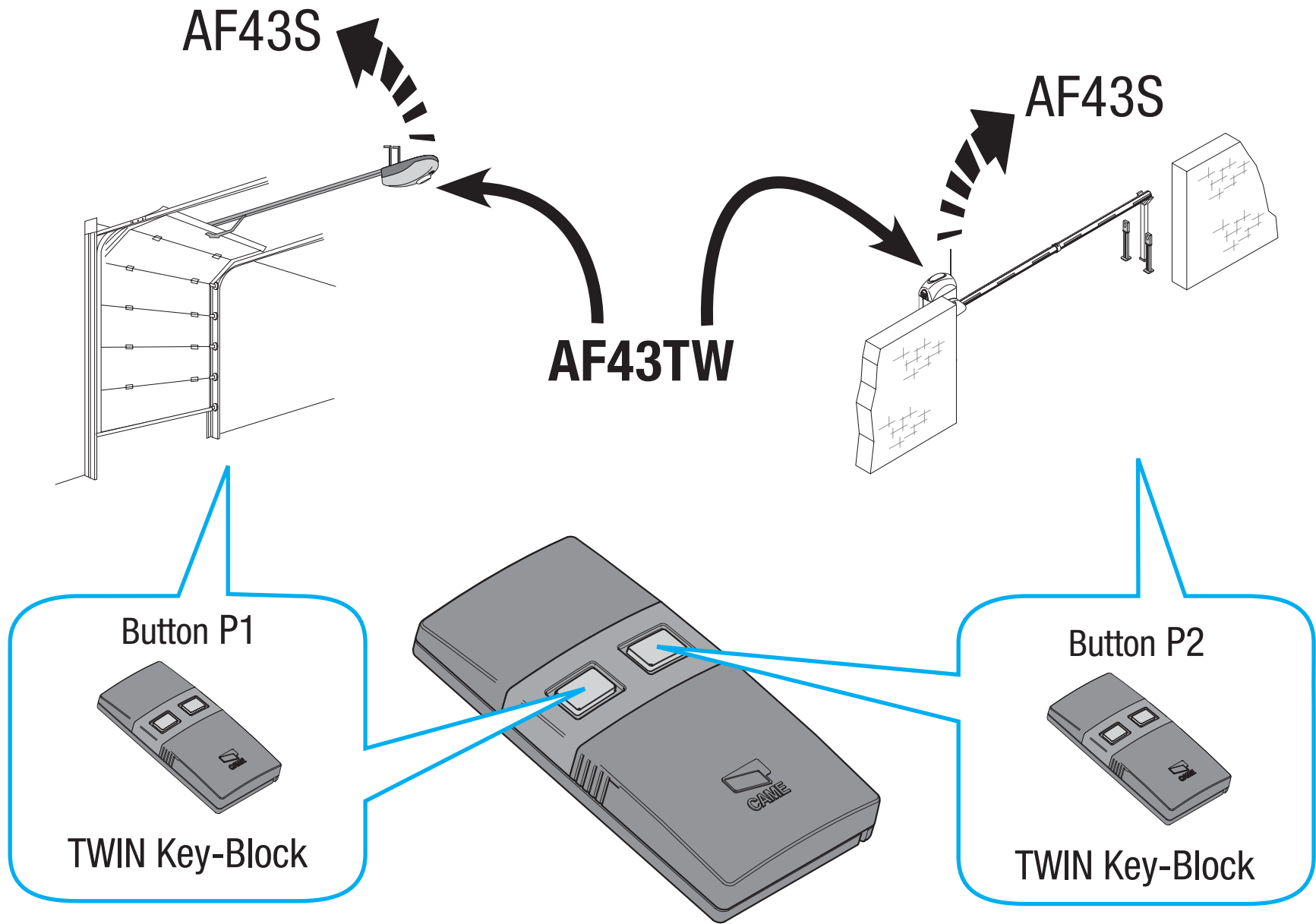
Steps to follow:

- replace the (AF43S) frequency card in the automations, with the new AF43TW.
- insert the password into a TWIN transmitter as per pag. 4-5.
- memorise the new encoding on the automation receivers with the new AF43TW card (see relative instructions).
- replace the TOP and TAM transmitters, duplicating the TWIN in Key-Block mode as per pag. 6-7.

In this way, anybody needing a copy of the TWIN transmitter to command the automation device, will have to address the installer or dealer that has the password.



# EXAMPLE 1



## EXAMPLE 2: INSTALLED SYSTEM WITH TOP AND TAM TRANSMITTERS.

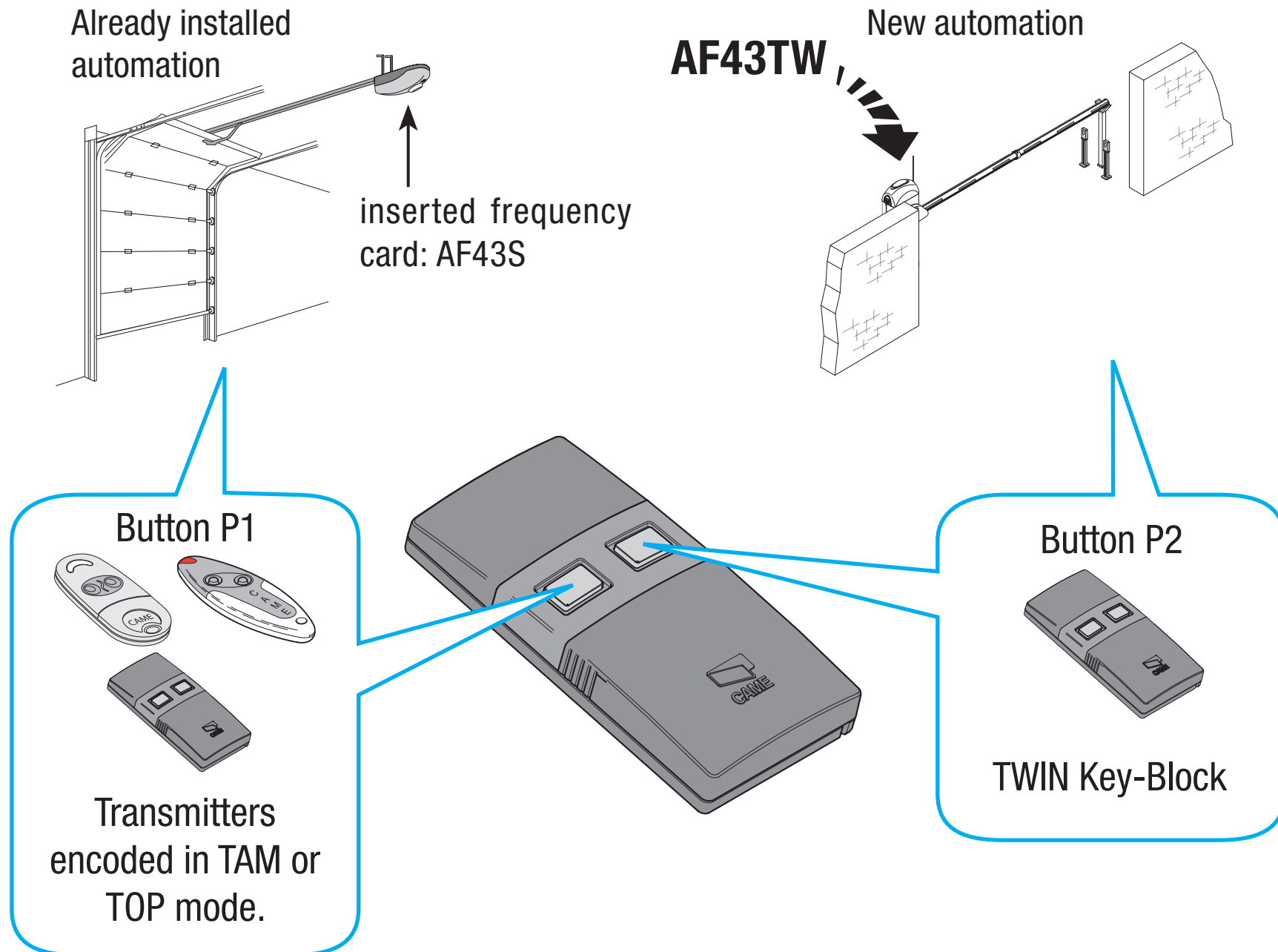
**Scope: to add a new automation device with Key-Block mode transmitter.**

Steps to follow:

- insert the AF43TW frequency card in the automation devices to be used with the Key-Block encoded transmitters.
- insert the password on a TWIN transmitter as per pag. 4-5.
- memorise the encoding on the receiver of the automation with the new AF43TW card (see relative instructions).
- duplicate the TWIN transmitters in Key-Block mode as per pag. 6-7.
- duplicate the TOP and TAM encoding on a button of the TWIN transmitter (see procedure on the TOP and TAM ticket).

In this way, anybody needing a copy of the TWIN transmitter to command the barrier will have to address the installer or dealer that has the password.

## Esempio 2



### Example 3: NEW INSTALLATION

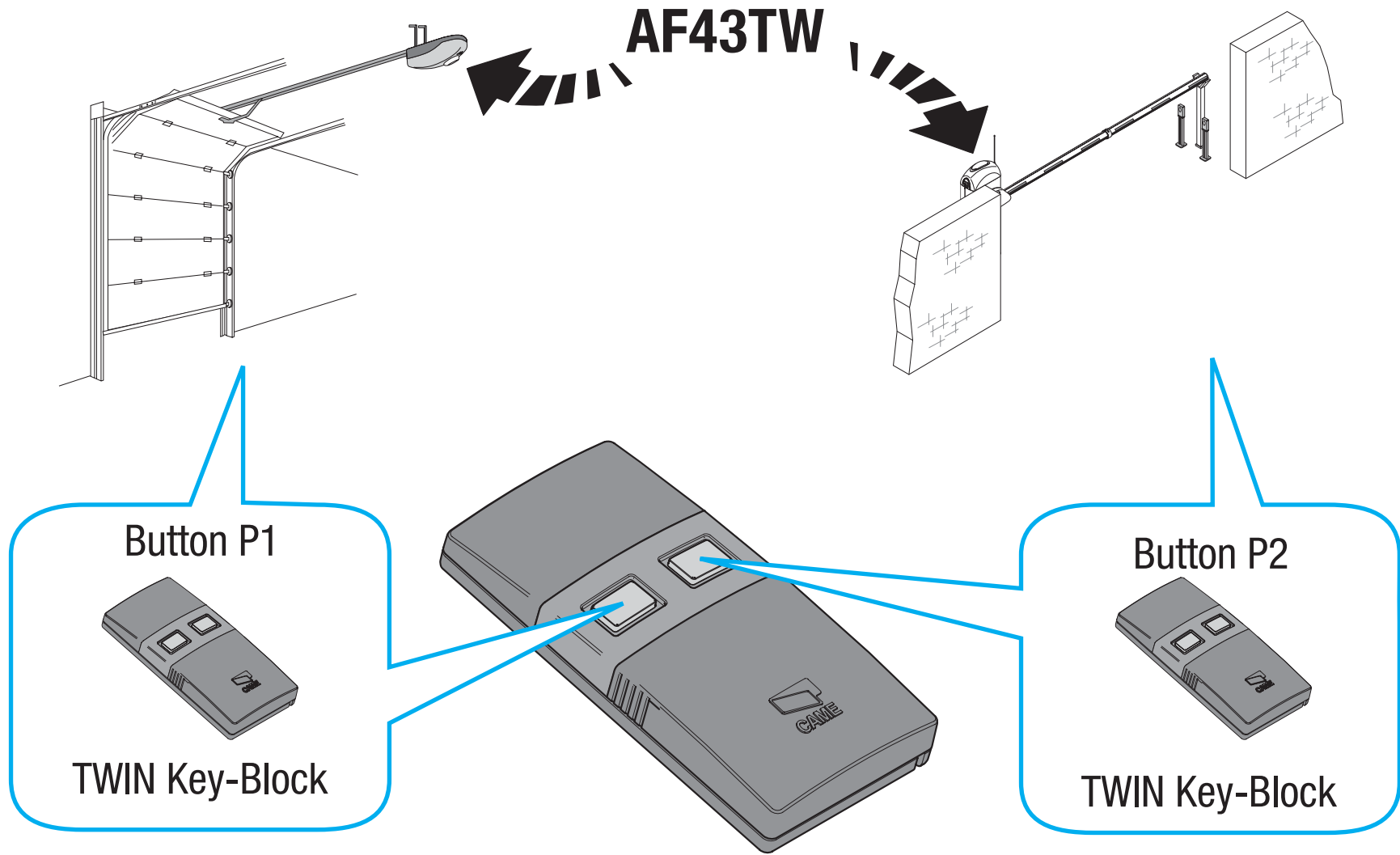
**Scope: to create a system only with Key-Block mode transmitters**

Steps to follow:

- insert the AF43TW frequency card into all the automation devices.
- insert the password in one TWIN transmitter as per pag. 4-5.
- memorise the new encoding on the receivers of the automation with the new AF43TW card (see relative instructions).
- duplicate the TWIN transmitters in Key-Block mode as per pag. 6-7.

In this way, anybody needing a copy of the TWIN transmitter to command the automation device, will have to address the installer or dealer that has the password.

### Example 3





**English** - Manual code: **119RU68** ver. **1.0** 09/2007 © CAME cancelli automatici s.p.a.

*The data and information reported in this installation manual are susceptible to change at any time and without obligation on CAME cancelli automatici s.p.a. to notify users.*

