CAME ͳ
BPT

CAME.COM

Video entry panel

FB00864-EN

$C\epsilon$
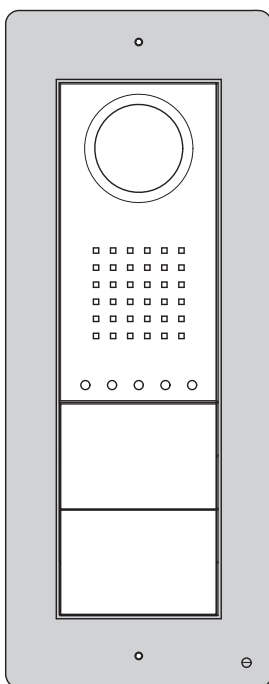
DC/08 - DVC/08
DC/08ME - DVC/08ME

PROGRAMMING MANUAL

EN English

## General warnings

⚠ Important personal safety instructions: READ CAREFULLY!

• Installation, programming, commissioning and maintenance must only be performed by qualified and experienced personnel in compliance with applicable regulations.

• Wear antistatic shoes and clothing if working on the control board.

• Keep hold of these warnings.

• Always disconnect the power supply during cleaning or maintenance.

• This product should only be used for the purpose for which it was explicitly designed. Any other use is considered dangerous.

• The manufacturer declines all liability for any damage as a result of improper, incorrect or unreasonable use.

Features
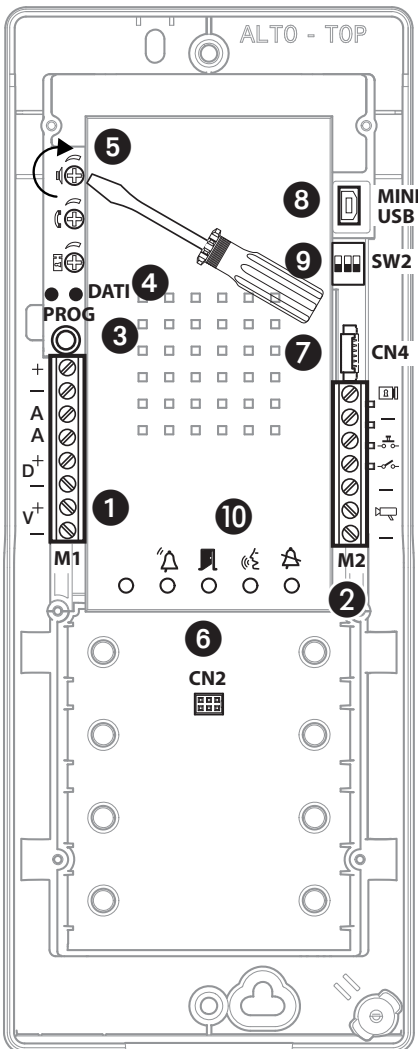
Terminal board ❶

+ −	Power supply 14-18 VDC
A A	Audio
+ D −	Data line
+ V −	Video signal

Attention. For the manual programming of the entry panels, the self-connection order is V1-V2-V3-V4.

Terminal board ❷

🔒 −	Solenoid lock 12 V - 1 A max
⏚	Door lock release button (NA)
⟋⟍	Data line
−	Ground
🖵	Entry panel enabling output (active towards earth)
−	Ground

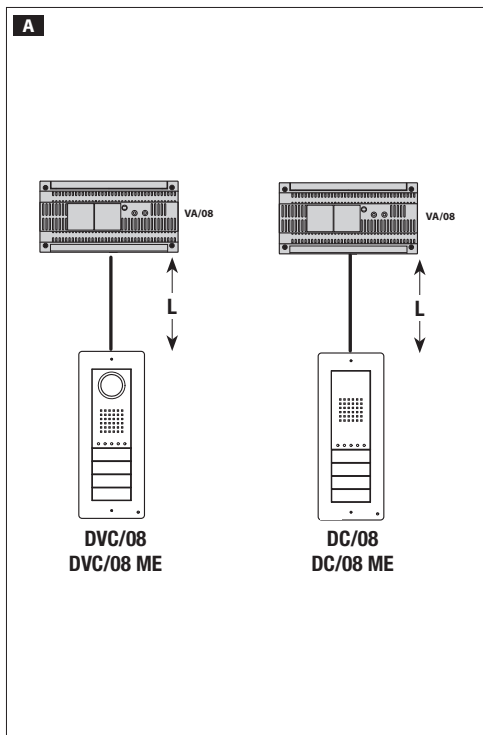### PROG key ❸ and PROG LED ❹

Programming key and LED (see 'Programming' paragraph).
The PROG LED can take on the following states:

○ Off

⬤ On

☀ Slow flashing

☀ Quick flashing

Adjustments ❺

🔊 loudspeaker audio

📞 microphone audio

🔒 solenoid lock 1-10 s. (default 1 s)

Connectors

6 **CN2:** Connector for the keyboard or RFID access control module.

7 **CN4:** Additional push button panel connector.

8 **MINI USB:** Programming connector.

A **Switch SW2** **9**

Dip-1 Video line setup	
1 OFF	L<150 m
ON 1	150<L<250 m

Dip-2-3 Data line setup	
2 OFF **3 OFF**	L<500 m
ON 2 **ON** 3	500<L<1000 m

Signals **10**

🔔 Red - Call in progress

🚪 Green - Door open

📢 Yellow - Conversation in progress

🔔 Blue - System busy

Technical data

Type	DC/08-DVC/08 - DC/08 ME-DVC/08 ME
Power supply (VDC)	14-18
Absorption (mA)	200
Consumption in stand-by mode (mA)	90
Storage temperature (°C)	-25 ÷ + 70
Operating temperature (°C)	-15 ÷ + 50
IP Degree	54
Camera	
Standard video	PAL/NTSC
Resolution (pixel)	680x512
Minimum lighting (LUX)	1

Connection examples

VA/08

M2

M3

+ − A A +D − +V1− +V2−   + − A A +D − +V3− +V4−

ALTO - TOP

MINI USB

(*) SW2

DATI

PROG

CN4

OUT

M1

M2

CN2

VLS/101

1
2

1
2

DVC/08
DVC/08ME

VA/08

M2

M3

+ − A A +D − +V1− +V2−   + − A A +D − +V3− +V4−

ALTO - TOP

MINI USB

(*) SW2

DATI

PROG

CN4

OUT

M1

M2

CN2

VLS/101

1
2

1
2

DC/08
DC/08ME
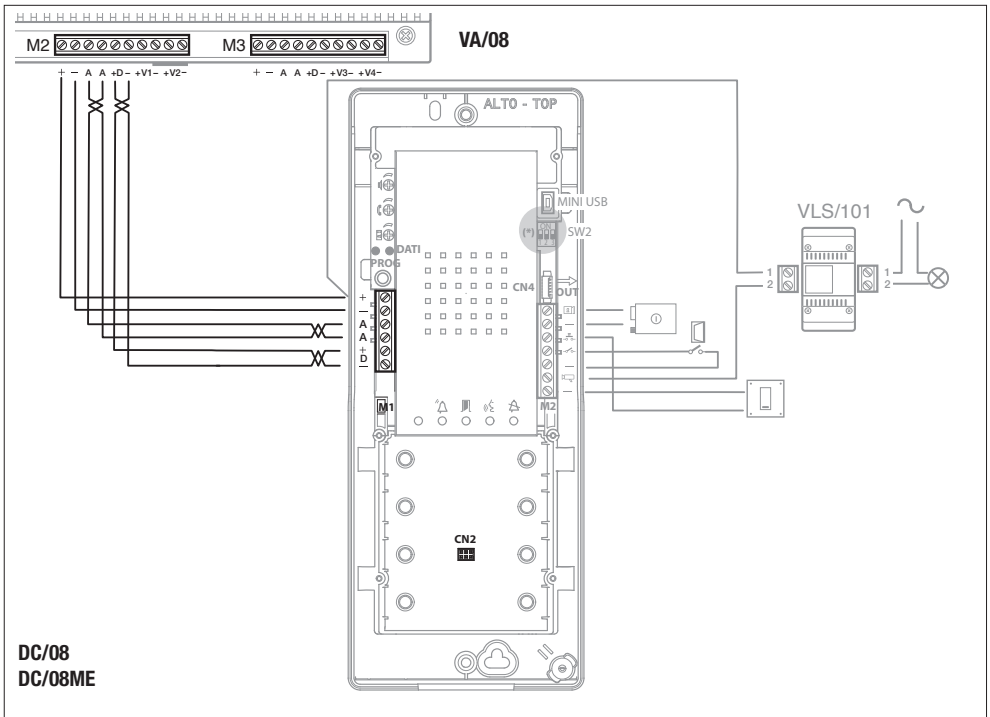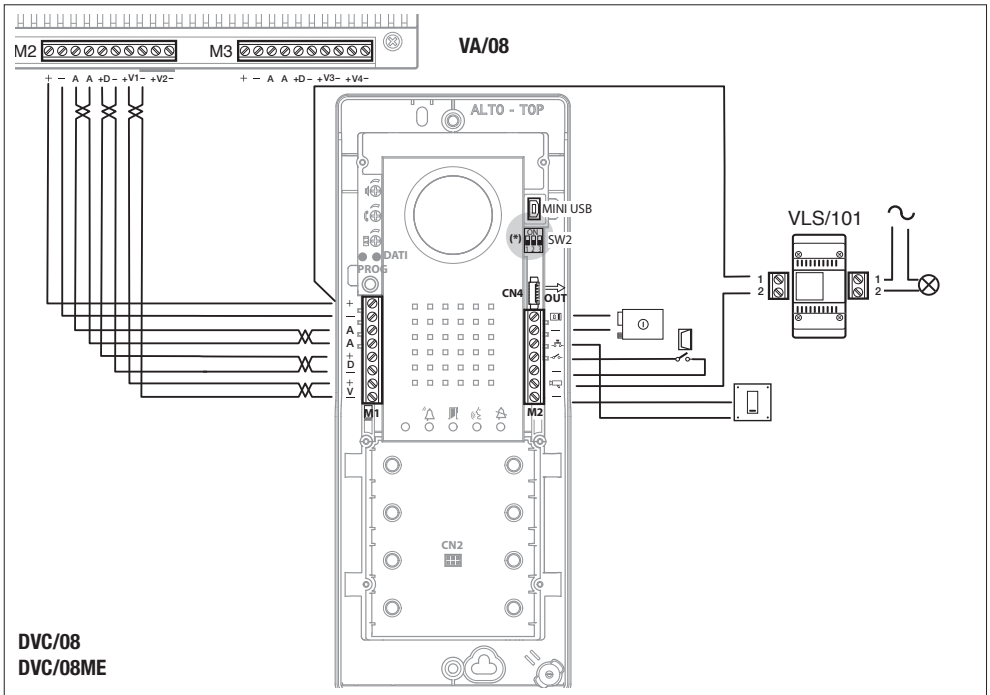
Connection examples
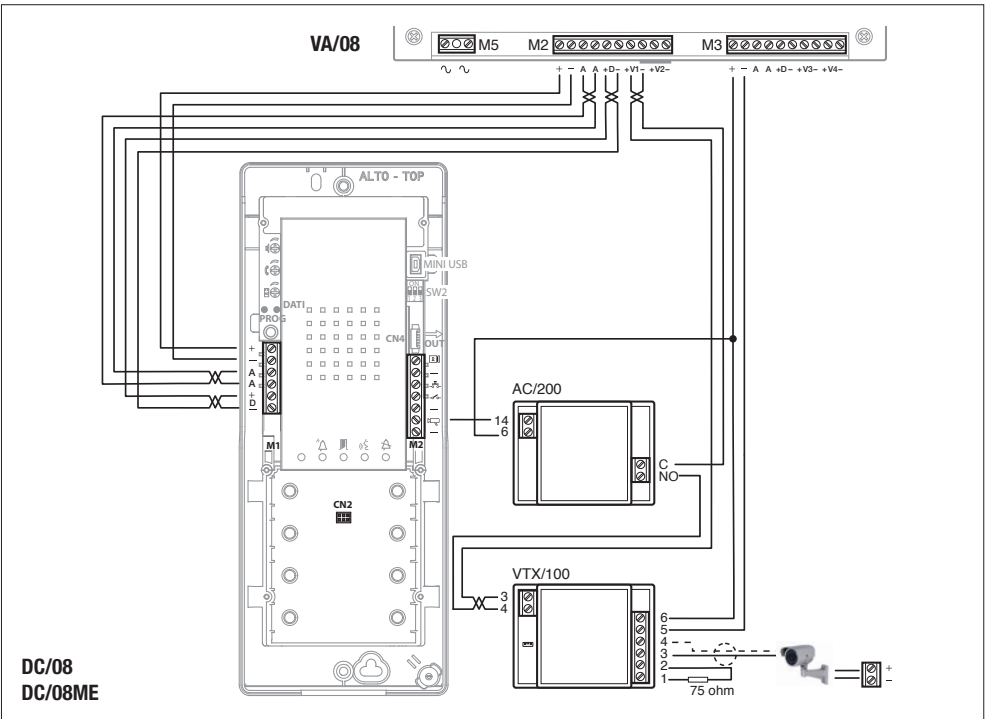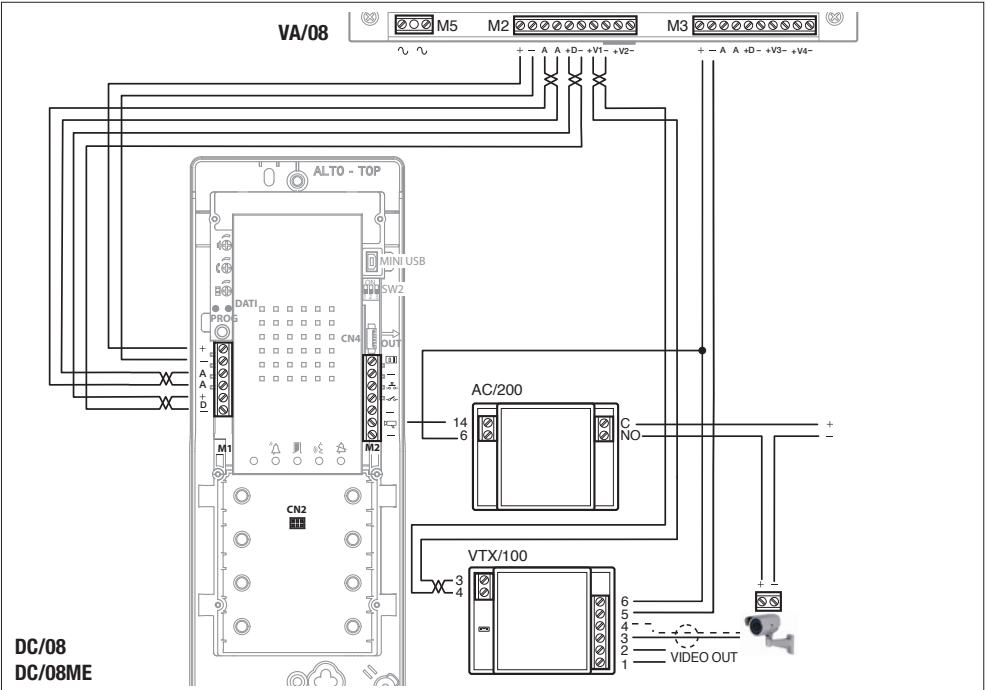
Manual programming of entry panels
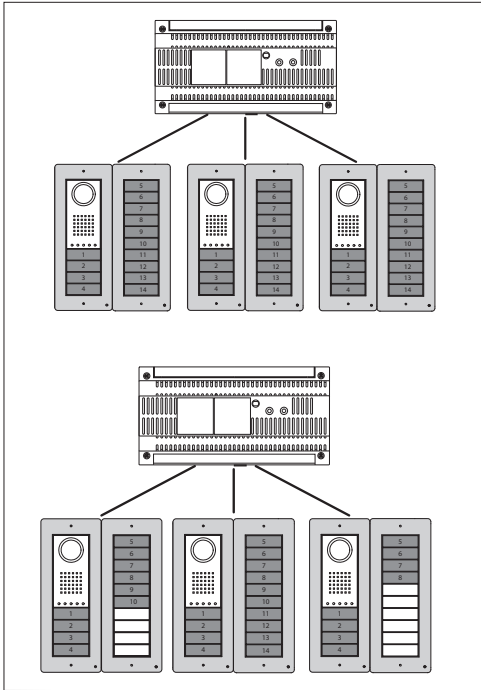
It is possible to program only one or multiple audio/video entry panels with the same calls (unless the use of "blind modules" inhibits one or more).
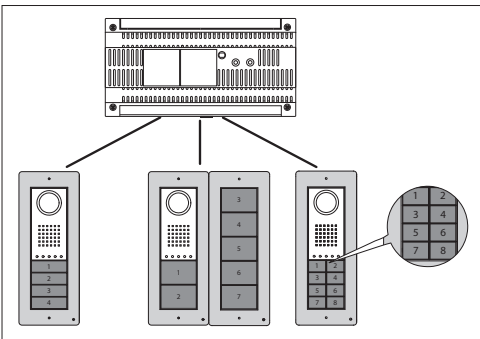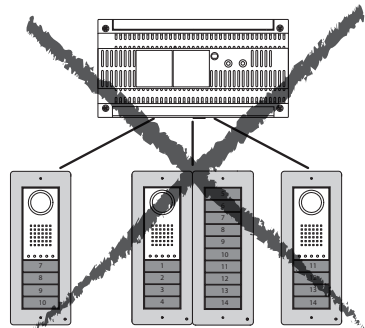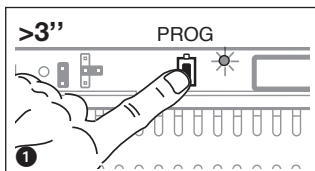

The entry panels (connected to the same power supplier) can be programmed with different types of keys, following the sequence shown to the side.
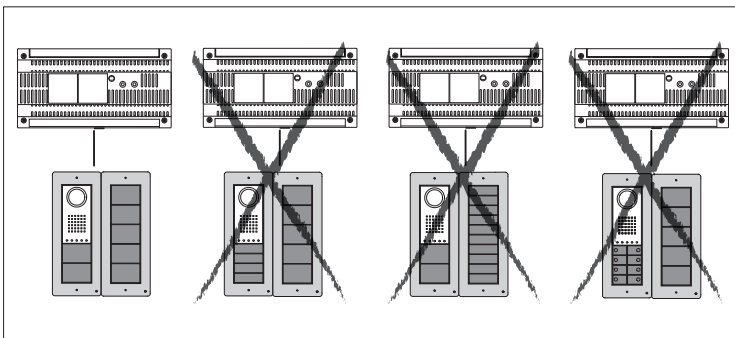
The entry panels cannot be programmed with different types of keys.

**The above specified restrictions can be overcome by programming with the PC software.**

Initial programming with ONE entry panel

Accessing programming. Press the PROG key on the power supplier ❶ until the PROG LED turns on. If the PROG LED turns off suddenly, this indicates a malfunction in the connection between the power supplier and the entry panel. Check the connections and return to programming.

The entry panel LEDs turn on as shown in the figure ❷.Wait 5 seconds for the self-test to be completed and then continue as described below.

Programming key type and address. Press the first key on the entry terminal ❸/❸A/❸B until the LED ♙ stops flashing as does the backlighting LEDs ❹.
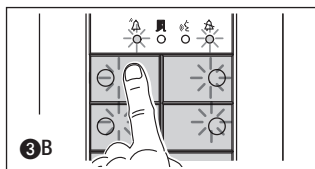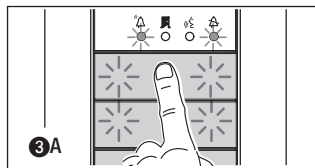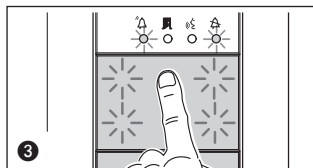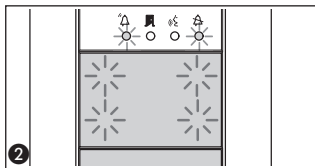
📖 In the case that the call buttons are ONLY located on the ADDITIONAL PUSH BUTTON PANELS, the operation illustrated in figure ❸ must be carried out as illustrated in figure ❸C.
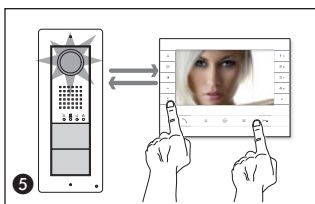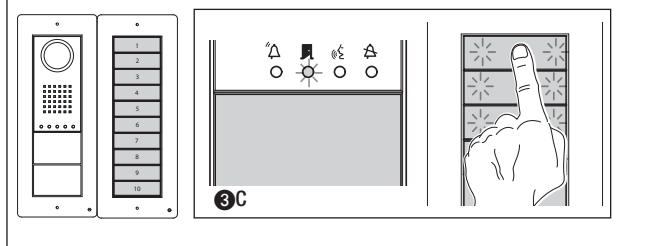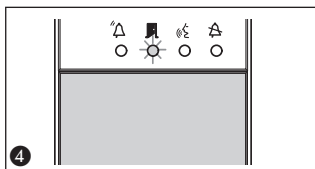
Programming the call keys. Lift the receiver (if present) of the extension that you want to programme then press the door lock release ⊶ and AUX2 ⦂ ❺ buttons. On the entry panel, press the call key to associate with the internal extension ❻: an acoustic signal will confirm that the setting was stored. Hang up the receiver again, if necessary and continue, repeating the same operations for the other extensions.

Exiting programming. Briefly press the PROG key on the power supplier ❼: the PROG LED and entry panel LEDs will turn off. NOTE. If no action is performed, the procedure will automatically end after 30 minutes.
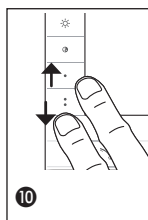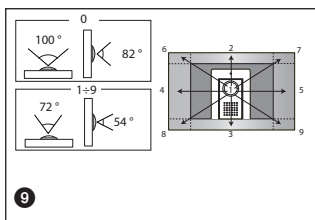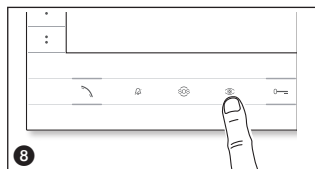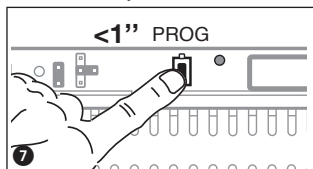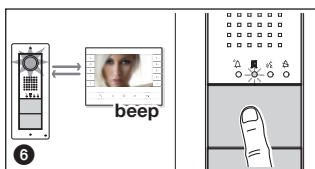
Programming the entry panel surveillance camera. When programming the call buttons, with switched off monitor, the camera's "visual field" can be adjusted from any extension, pressing the "self-connection ◉" ❽. Starting from the default configuration, it is possible to scroll the next ones ❾ pressing the AUX1 key ● or return to the previous ones with the AUX2 key ⦂ ❿: the setting will be automatically saved.

External entry panel illumination level adjustment. During the call button programming of any internal receiver the external entry panel illumination level can be adjusted up or down (with the handset lifted if present).

Pressing the "self-connection ◉" button on the internal receiver causes the external entry panel camera for which the illumination level is to be adjusted to be activated. At this point, by means of the previously assigned call button (by call button or DNA) the illumination level can be either incremented or decremented.

CN2
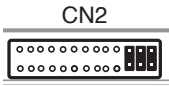
If an ETI/XIP LAN network server is present within the installation then before proceeding with the programming described above the CN2 connector (VA/08 connector) must be disconnected and the three jumpers inserted as shown in the diagram. Proceed with the programming as described. Once completed reconnect the CN2 connector and remove the three jumpers.

## Initial programming with MULTIPLE entry panels

>3'' PROG

①
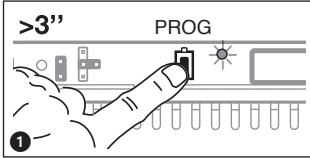
Accessing programming. Press the PROG key on the power supplier **①** until the PROG LED turns on. If the PROG LED turns off suddenly, this indicates a malfunction in the connection between the power supplier and the entry panel. Check the connections and return to programming.

The entry panel LEDs turn on as shown in the figure **②**. Wait 5 seconds for the self-test to be completed and then continue as described below.
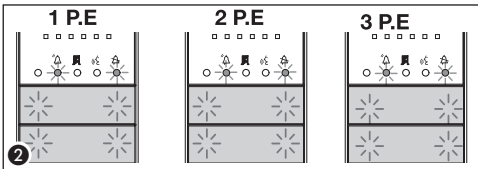
Programming key type. Press the first key on the entry terminal **③** until the LED ⬠ stops flashing as does the backlighting LEDs **④**. Repeat the operation on all entry panels to be programmed **④ ⑤**: at the end, the signals will assume the configuration **⑥**.
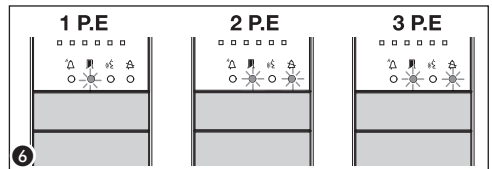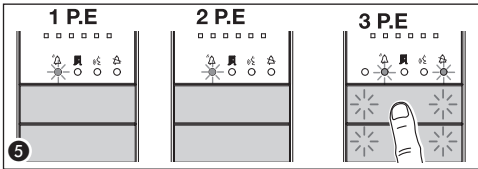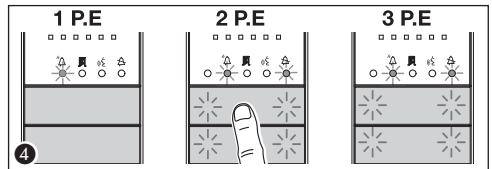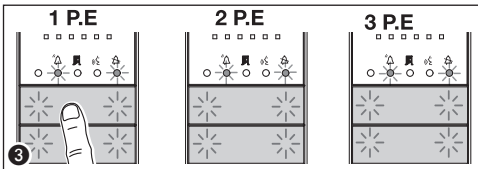
In the case that the call buttons are ONLY located on the ADDITIONAL PUSH BUTTON PANELS, proceed as indicated in NOTE on page 7.

⑦
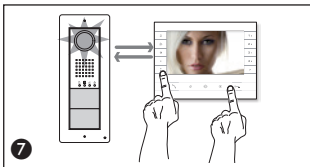
Programming the call keys. Lift the receiver (if present) of the extension that you want to programme then press the door lock release ○— and AUX2 ⦂ **⑦** buttons. On the entry panel, press the call key to associate with the internal extension **⑧**: an acoustic signal will confirm that the setting was stored. Hang up the receiver again, if necessary j and continue, repeating the same operations for the other extensions. The operation may only be performed from the entry panel with the LED ⬠ off (PE1 in fig. **⑥**): to change the entry panel from which the call programming is performed, press one of the first 4 call key positions for at least 3s (or press key 1 followed by key "⬠ for entry. panels with DNA).

beep

⑧
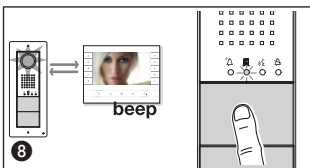
Exiting programming. Briefly press the PROG key on the power supplier **⑨**: the PROG LED and entry panel LEDs will turn off. NOTE. If no action is performed, the procedure will automatically end after 30 minutes.
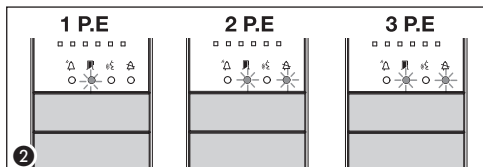
Programming the entry panel camera. When programming the call buttons, the camera's "visual field" can be adjusted as previously described.

External entry panel illumination level adjustment. During call button programming the external entry panel illumination level can be adjusted up or down as previously described.
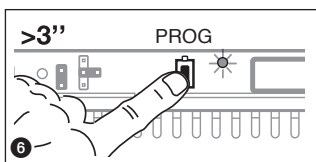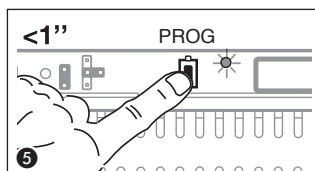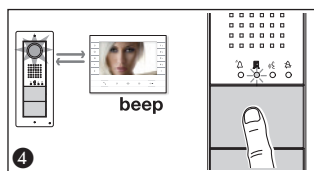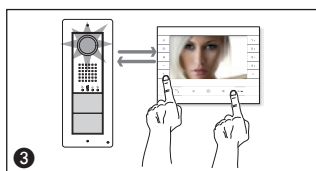
Reprogramming procedure
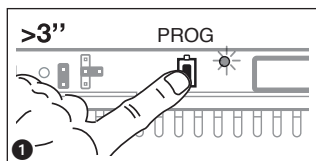
Accessing programming. Press the PROG key on the power supplier ❶ until the PROG LED turns on. The entry panel LEDs turn on as shown in the figure ❷. Wait 5 seconds for the self-test to be completed and then continue as described below.

Programming the call keys. Lift the receiver (if present) of the extension that you want to programme then press the door lock release ○— and AUX2 ⁝ ❸ buttons. On the entry panel, press the call key to be associated with the internal extension ❹: an acoustic signal will confirm that the setting was stored. Hang up the receiver again, if necessary and continue, repeating the same operations for the other extensions. The operation may only be performed from the entry panel with the LED ⌂ off (PE1 in ❷): to change the entry panel from which call programming is performed, press one of the first 4 call key positions for at least 3s (or press key 1 followed by key ⌂ for entry. panels with DNA).

Exiting programming. Briefly press the PROG key on the power supplier ❺: the PROG LED and entry panel LEDs will turn off. If no action is performed, the procedure will end automatically after 30 minutes.
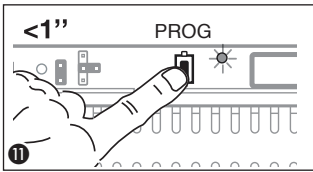
Programming key type. During the "Call button programming" phase a press and hold down on the power supplier PROG key ❻. The entry panel LEDs turn on as shown in the figure ❼.
Press the first key on the entry terminal to be reprogrammed ❼. The LED ⌂ will stop to
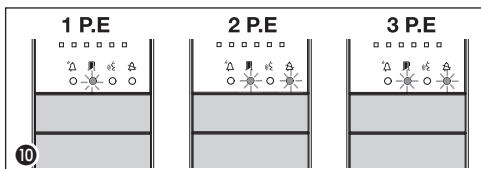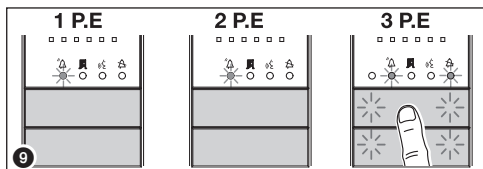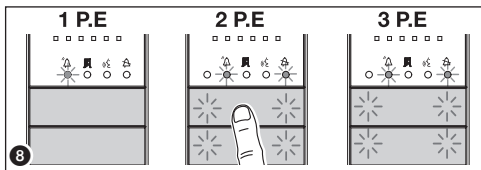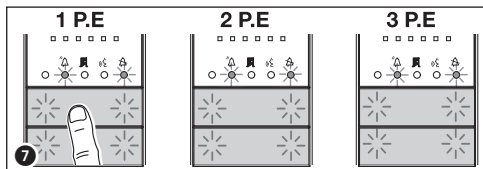
flash as will the backlighting LEDs of the first 4 call key positions ❽. Repeat the operation on all entry panels to be reprogrammed ❽ and ❾. If all entry panels are reprogrammed, the configuration will be as illustrated in figure ❿.
To exit reprogramming, briefly press the PROG key on the power supplier ⓫: the PROG LEDs and the entry panel LEDs will turn off. If no action is performed, the procedure will end automatically after 30 minutes.

Programming the entry panel camera. When programming the call buttons, the camera's "visual field" can be adjusted as previously described.

External entry panel illumination level adjustment. During call button programming the external entry panel illumination level can be adjusted up or down as previously described.

In the case that the call buttons are ONLY located on the ADDITIONAL PUSH BUTTON PANELS, proceed as indicated in NOTE on page 7.

When adding, replacing or removing an entry panel, the acquisition of the modifications is done during the phase "Programming key type" (figure ❻-⓫).
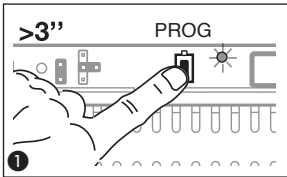
Programming with DNA
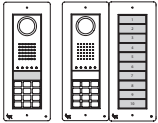
For this type of entry panel configuration, refer to the previously described procedures.


For this type of entry panel configuration, refer to the procedures described below.

Accessing programming. Press the PROG key on the power supplier for more than 3 seconds ❶. The entry panel LEDs turn on as shown in the figure ❷. If the PROG LED turns off suddenly, this indicates a malfunction in the connection between the power supplier and the entry panel. Check the connections and return to programming. Repeat the operation ❸ a second time. Check that the entry panel configuration is as illustrated in figure ❹. Wait 5 seconds for the self-test to be completed and then continue as described below.


Programming the call codes. Lift the receiver (if present) of the extension that you want to programme then press the door lock release o—— and AUX2 ⦂ ❺ buttons. Enter the call code for the group (1 to 99) and then press ⌂ ❻ to associate the code key with the internal extension. Hang up the receiver again, if necessary and continue, repeating the same operations for the other extensions. The operation may only be performed from the entry panel with the LED ⌂ off (PE1 in ❹): to change the entry panel from which call programming press key 1 followed by key ⌂.
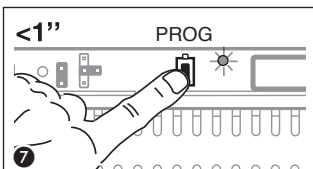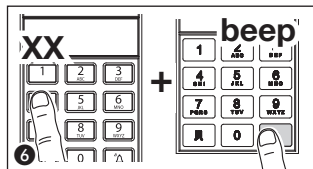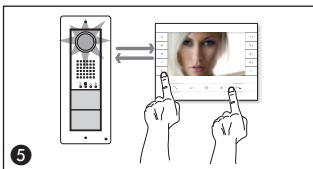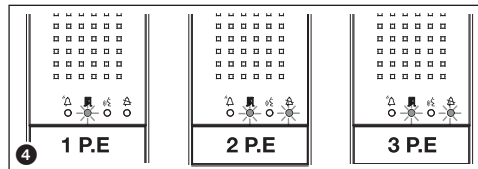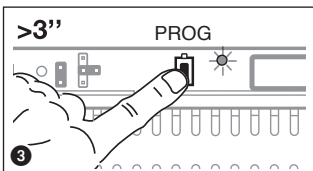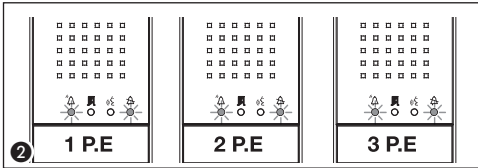

Exiting programming. Briefly press the PROG key on the power supplier ❼: the PROG LED and entry panel LEDs will turn off. NOTE. If no action is performed, the procedure will automatically end after 30 minutes.
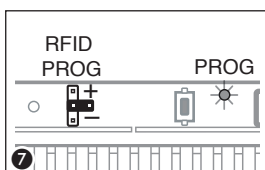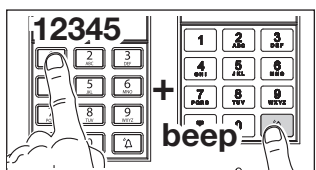
Code and tag entry
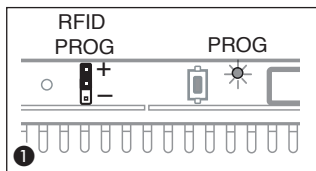
Place the power supplier RFID PROG jumper in position "+" ❶: the power supplier PROG LED will flash slowly as will also the signalling LEDs with the configuration in fig. ❷. If the LEDs turn off suddenly, this indicates a malfunction in the connection between the power supplier and the entry panel. Check the connections and return to programming.
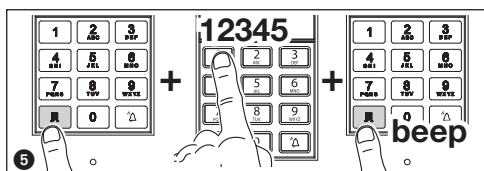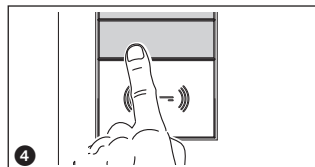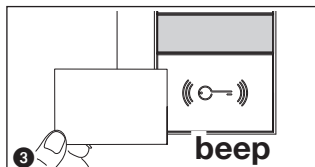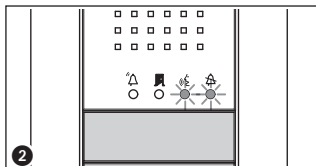
Badge. Move a badge/tag near any entry panel reader that has already been addressed ❸ and, after the confirmation tone, press the key (group) to which the code should be assigned ❹. If the maximum permitted number is exceeded (5) for each group, an error tone will be generated.
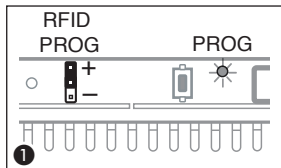
Codes. Press ▯ enter the access code (4-8 digits) followed by the key ▯ on the keyboard of any already addressed entry panel ❺ and, after the confirmation beep, enter the call code for the group and then press △ ❻ (or press the group key). If the maximum permitted number for each group is exceeded (5), an error tone will be generated.


At the end, return the RFID PROG jumper to its standby position ⑦: the procedure will NOT end automatically!

Code and tag deletion

Place the power supplier RFID PROG jumper in position "–" ❶: the power supplier PROG LED will flash slowly as will also the signalling LEDs with the configuration in fig. ❷. If the LEDs turn off suddenly, this indicates a malfunction in the connection between the power supplier and the entry panel. Check the connections and return to programming.


Badge. Move a badge/tag near any entry panel that has already been addressed ❸ and, after the confirmation tone, repeat a second time for confirmation ❹: ALL badges relative to the GROUP will be deleted.
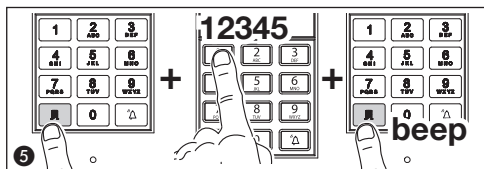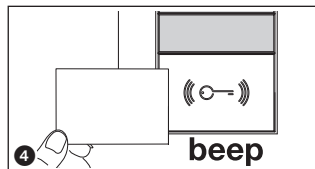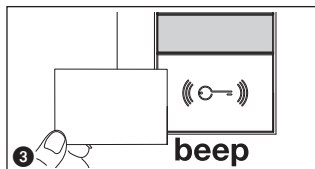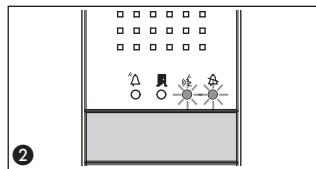
Codes. Press ▯ enter the access code (4-8 digits) followed by the key ▯ on the keyboard of any already addressed entry panel ❺ and, after the confirmation beep, repeat a second time for confirmation: ALL codes relative to the GROUP will be deleted.
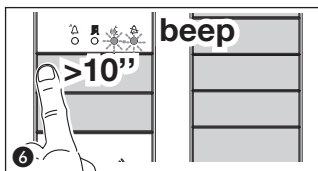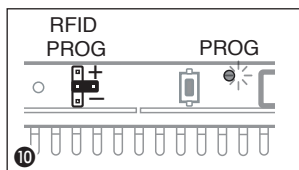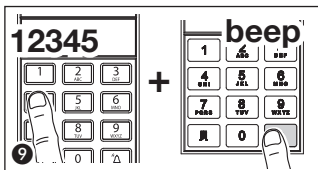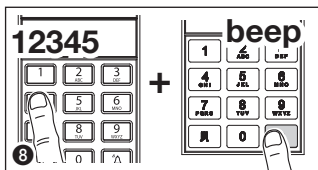
Badges and Codes. Entry panel with buttons: press the call key for at least 10 seconds **6** relative to the GROUP for which you want to cancel the codes and, after the beep, press the key (briefly) a second time **7**. This will delete ALL codes and badges of any type of the GROUP.
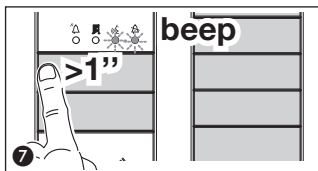
Entry panels with DNA. Enter the call code followed by the key $\overset{\shortmid}{\triangle}$ **8** relative to the GROUP for which you want to cancel the codes and, after the beep, enter the call code again followed by the key $\overset{\shortmid}{\triangle}$ **9**. This will delete ALL codes of any type of the GROUP.

At the end, return the RFID PROG jumper to its standby position ❿: the procedure will NOT end automatically!

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