bpt

$C \epsilon$
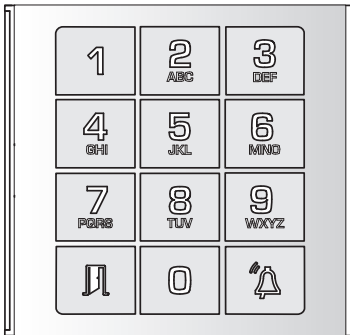
INSTALLATION AND PROGRAMMING MANUAL
MTMKB

EN English

General precautions

⚠ IMPORTANT! Important safety instructions: READ CAREFULLY!

• Installation, programming, commissioning and maintenance must only be carried out by expert qualified technicians in full compliance with the regulations in force.

• Wear anti-static shoes and clothing if working on the electronic circuit board.

• Keep this precaution information.

• Disconnect the power supply during any cleaning or maintenance work.

• The product must only be used for the purpose for which it was expressly designed. Any other use is to be considered dangerous.

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

DESCRIPTION

Keypad module connectible on BUS.

⚠ Assembly and removal of the module must take place with no power to the entry panel.

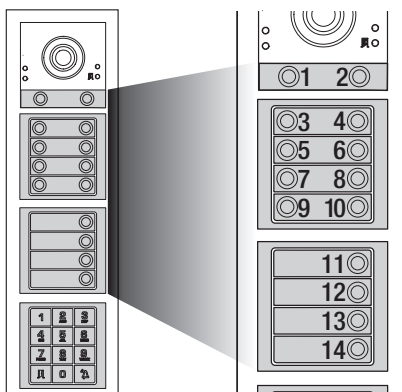❶ Sockets for the connector to connect additional modules.
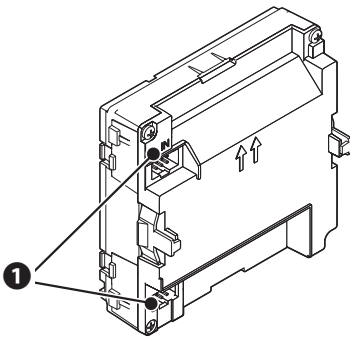
Technical data

Type	MTMKB
Power supply (V DC)	10.7 to 18
MAX consumption (mA)	55
MIN consumption (mA)	5
Storage temperature (°C)	-25 to +70
Operating temperature (°C)	-25 to +55
Protection rating (IP)	54

NUMBERING OF CALL KEYS

Organisation of call codes where there are call keys

In manual programming the call keys are arranged as in the diagram for a maximum of 98 keys.

In this way, for example, pressing key 6 corresponds to entering number 6 on the MTMKB keypad followed by key ⌂.

PROGRAMMING CALL CODES AND DOOR-RELEASE CODES

ⓘ This programming is available only with audio modules MTMA/01 and video modules MTMV/01.

Call programming associates a call code with each internal receiver.

Programming the door-release codes associates number codes with the relays present on audio module MTMA/01 or video module MTMV/01. The control is local and where there is more than one audio module MTMA/01 and video module MTMV/01 carry out the door-release programming on each entry panel.

Going into Programming
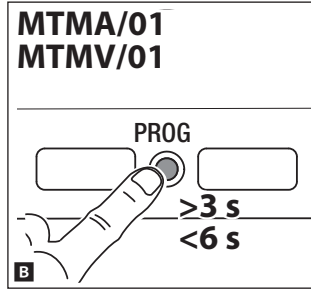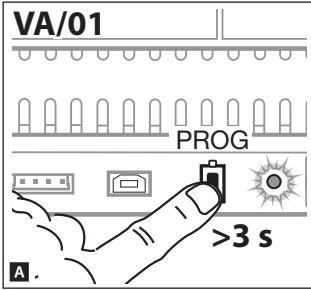
With VA/01

Press the PROG key until the PROG LED lights up **A**.

With MTMA/01-MTMV/01 without VA/01

Press the PROG key for at least 3 seconds and release it within 6 seconds **B**.
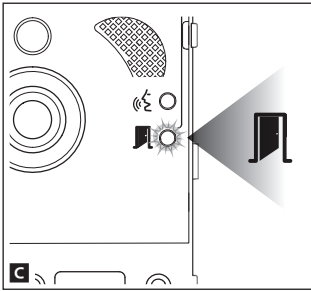
The 🚪 LED will flash to signal entry into programming **C**.

Programming the call codes
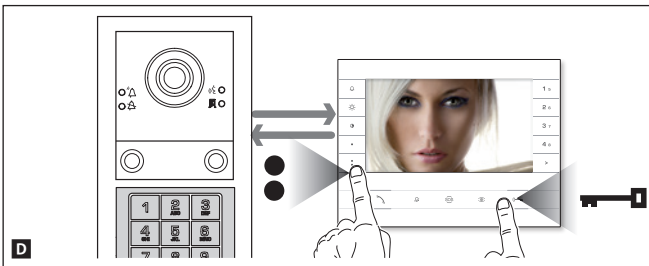
Press the door-release ▬◦ and AUX2 ⦿ keys and enter the group call code (from 1 to 98) followed by key 🔔: The call code is associated with the internal receiver **D** and the call key chosen **E**.

Continue, repeating the same operations for all the other internal receivers. The operation can only be carried out from an entry panel with the 🔔 LED off.
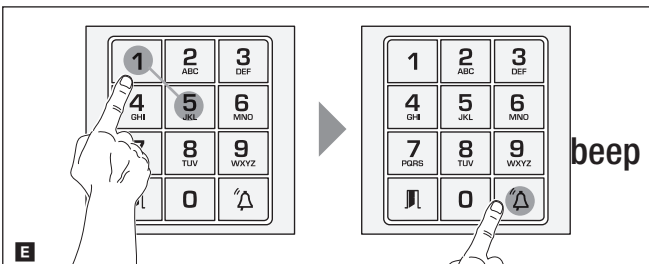
ⓘ To change the entry panel from which to carry out call programming, you must press key 1 followed by key 🔔.

Programming door-release codes and relay codes

This procedure lets you associate codes with the relays on the audio module MTMA/01, the video module MTMV/01, or on any eventual VLS/2.
For example, you can open the front door with a code, or switch on the stairwell lighting with another code.
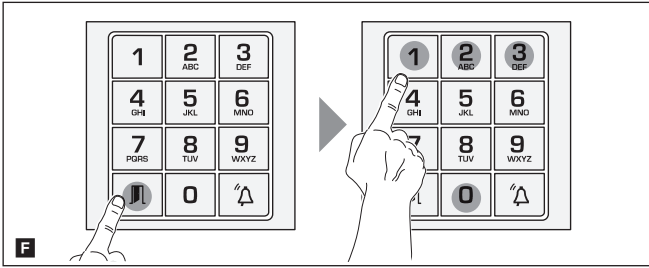
Press the 🔓 key and 0, 1, 2 or 3 to identify the relay (see table).
Press key 🔓 and the code to be associated (from 3 to 5 digits) with the relay.
Press key 🔓 again: a beep will confirm the relay association procedure **G**.

Key	Command
0	Auxiliary contact
1	Door release contact
2	Relay 1 on module VLS/2
3	Relay 2 on module VLS/2
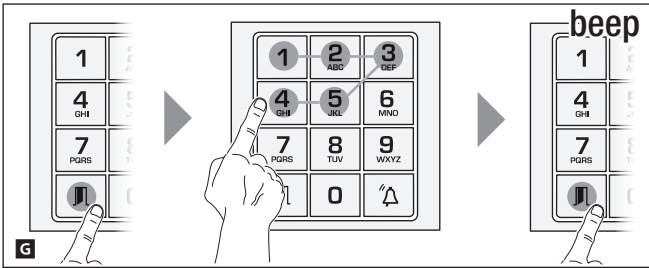
(i) The door-release and relay code programming procedure deletes all the previously programmed codes.

Exiting Programming
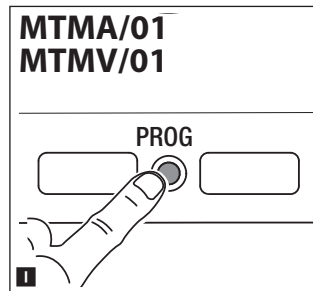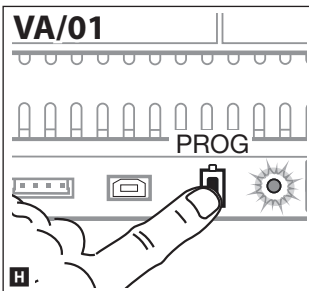
With VA/01
Briefly press the PROG key **H**.

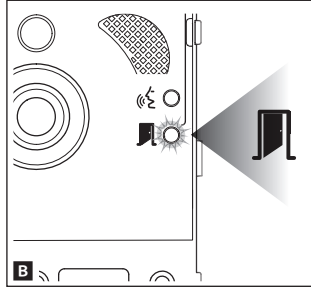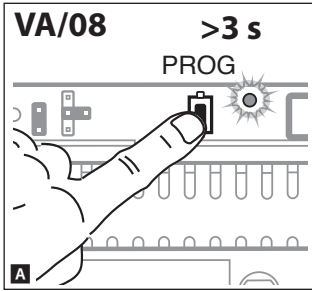**With MTMA/01-MTMV/01 without VA/01**
Briefly press the PROG key on the entry panel **I**.

The 🔓 LED on the entry panel and the PROG LED on the power supply go out.

PROGRAMMING THE CALL CODES

ⓘ This programming is available only with audio module MTMA/08 and video module MTMV/08.
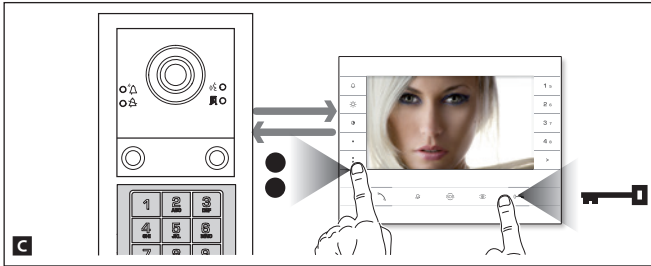Call programming associates a call code with each internal receiver.

Going into Programming

Press the PROG key until the PROG LED lights up **A**.

The ▯ LED will flash to signal entry into programming **B**.

Programming the call codes

Press the door-release ▭–◻ and AUX2 ⦂ keys and enter the group call code (from 1 to 98) followed by key ᐱ: The call code is associated with the internal receiver or the call key chosen ⓒ and ⒟.

Continue, repeating the same operations for all the other internal receivers. The operation can only be carried out from the entry panel with the ♢ LED off.
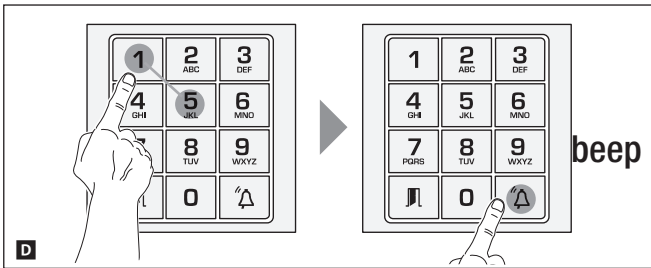
ⓘ To change the entry panel from which to carry out call programming, you must press key 1 followed by key ᐱ.

beep

Exiting Programming
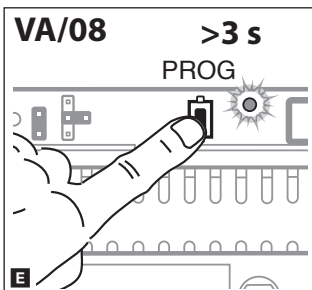
Briefly press the PROG key **E**.

The ▯ LED on the entry panel and the PROG LED on the power supply go out.

PROGRAMMING ACCESS CONTROL NUMBER CODES

This procedure lets you associate number codes with a group of users, or remove them, for control of door release in audio module MTMA/01, MTMA/08 and video module MTMV/01, MTMV/08.
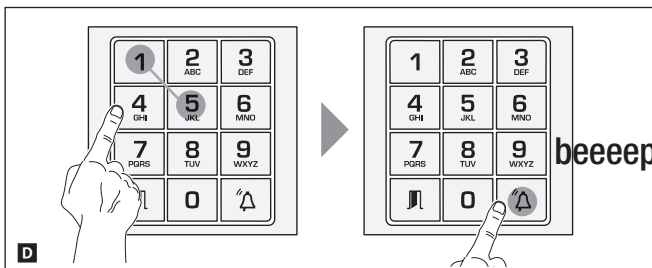A maximum of 5 number codes can be associated per group.
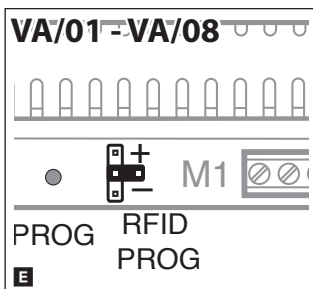
Adding number codes
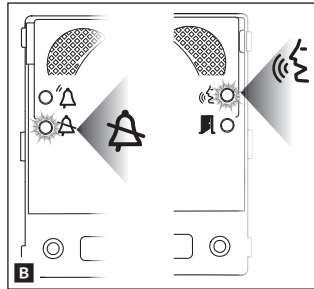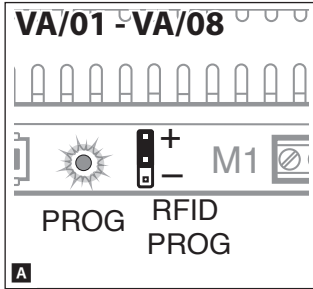
Put the RFID PROG jumper in the "+" position. The PROG LED on the power supply and the ☖ and «⚡ LEDs will flash quickly **A** and **B**.
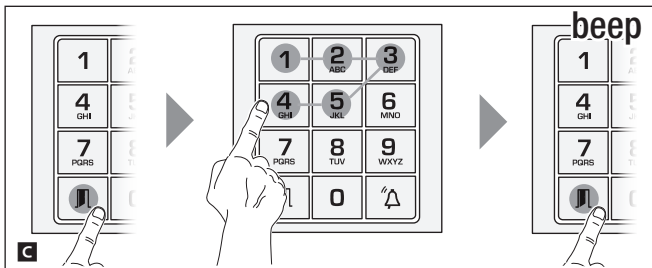
Press key ◗, enter the access code (4 to 8 digits long) followed by key ◗ **C**. If the code is valid, the «⚡ LED stays constantly on and it is possible to continue with programming. Enter the group call code, or press the call key associated with the group, followed by key ☖ **D**.
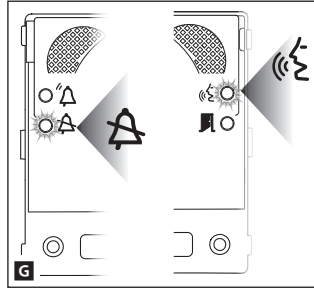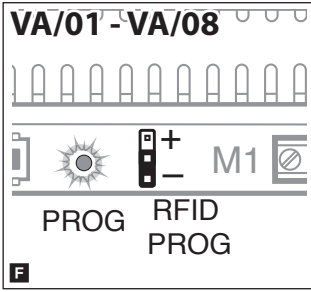A long beep will confirm the procedure was correct.

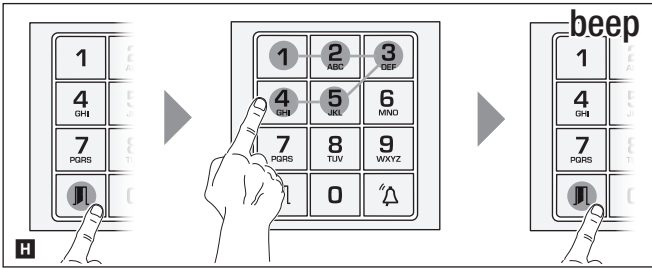(i) **In the event of an error, this will be indicated by 3 fast beeps. Repeat the stage correctly.**

When programming is completed, place the RFID PROG jumper as shown in figure **E**.
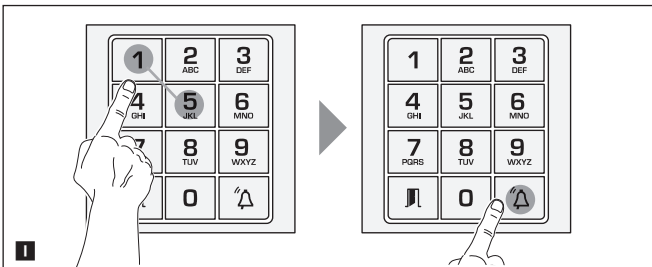
Deleting number codes

Put the RFID PROG jumper in the "−" position. The PROG LED on the power supply and the 🔔 and «⚡ LEDs will flash slowly **F** and **G**.

beep

To delete the number codes relating to a group, press 🚪, enter an access code (4 to 8 digits long) associated with the group, followed by key 🚪 **H**.

If the code is valid, the «⚡ LED stays constantly on and it is possible to continue with programming.
Press key 🚪, enter the access code again and press key 🚪 again to confirm the operation. A long beep will confirm the procedure was correct.

ⓘ In the event of an error, this will be indicated by 3 fast beeps. Repeat the stage correctly.

To delete all the codes relating to a group, enter the call code, or press the call key associated with the group, followed by key 🔔 **I**.
If the code is valid, the «⚡ LED stays constantly on and it is possible to continue with programming.

beeeep
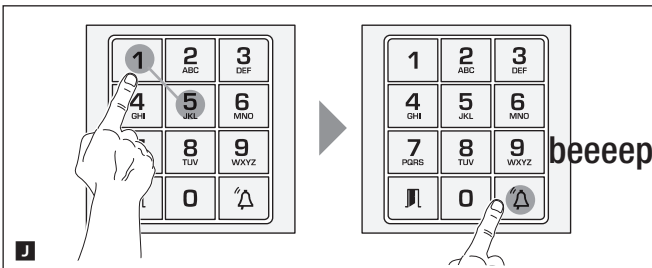
Enter the call code again, or press the call key associated with the group, followed by key 🔔 **J**. A long beep will confirm the procedure was correct.
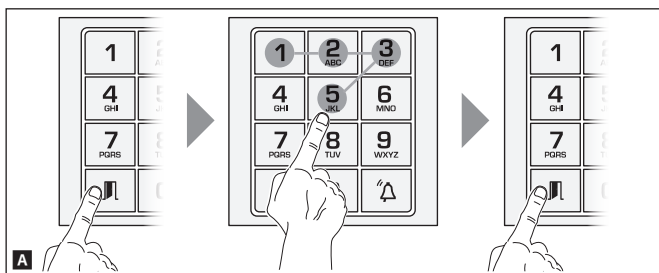
ⓘ In each of the two stages of deletion any error condition will be signalled by three fast beeps. Repeat the stage correctly.

VA/01 - VA/08

K
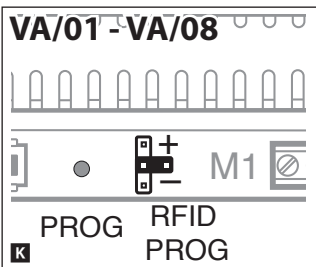
When programming is completed, place the RFID PROG jumper as shown in figure **K**.

USE OF KEYPAD MODULE

Used as access control

A

Press key ▯, enter the access code (3 to 8 digits long) and press key ▯ again: if the code is valid a confirmation beep will sound and the ▯ LED will come on, otherwise 3 fast beeps will signal an error condition **A**.

Used to make calls

B
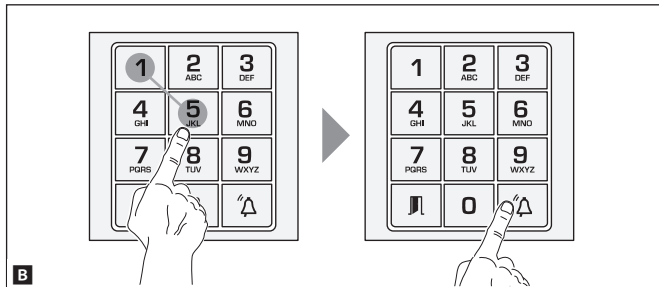
Enter the call code (1÷98), followed by key 🔔: if the code is valid the call will be made and the 🔔 LED will come on **B**.