

# item 342620

Instruction sheet

**bticino**





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**To change the menu display language:**

- access the Programming mode described on page 11;
- perform the Language procedure described on page 14.

## INTRODUCTION

### WARNINGS AND TIPS

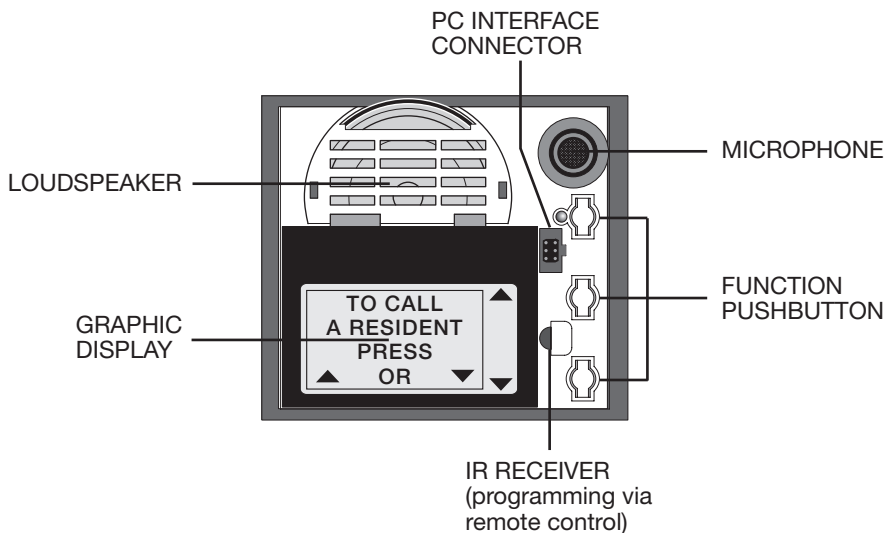
Read this manual carefully before installing the module.



*The manufacturer declines all responsibility for any damage due to incorrect use and/or use which does not conform to the instructions in this manual.*

### GENERAL DESCRIPTION

The digital speaker module with backlit graphic display can send the call to an internal unit. You can scroll the resident names or codes on the display by means of the dedicated keys. The module can save up to 1000 resident names and surnames associating them to the **unique configuration address\*** of the IU (Internal Unit) inside the system. It can save 500 names if a message is associated with them. Whenever, for privacy reasons, you decide to save only the resident codes, up to 5000 codes can be saved. Two different names can be associated to the same MN address.




(\*) In this manual “**Unique configuration address**” will be abbreviated to **MN**.

## INTRODUCTION

### GRAPHIC DISPLAY

In the rest position the graphic distribution board display shows the screen to call a resident.





 *When the call to the distribution board and direct screens are enabled, they are shown in succession and every ten seconds, alternating with the rest screen.*



### PUSHBUTTONS AND THEIR FUNCTIONS

Use the three module pushbuttons to search in the address book, shown on the display, for the resident name or code and make the call.

 • Call the resident selected

 • Scroll to a previous position ▲ (short press)  
• Fast scroll ▲ (long 2-second press)

 • Scroll to a later position ▼ (short press)  
• Fast scroll ▼ (long 2-second press)



*FAST SCROLL: The display shows several residents at once.*

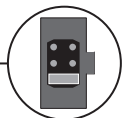
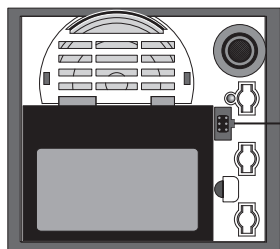
## INTRODUCTION

### FACTORY CONFIGURATION

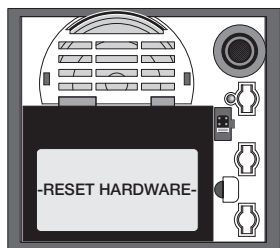
Secret code	1234
Language	Italian
Address book format	Alphanumeric without message
Distribution board	4000 Disabled
Direct call	0000 and 0001 Disabled
Door code	1234, 1235, 1236, 1237 and 1238
Contrast	50
Recall	Disabled

### RESET FACTORY CONFIGURATION

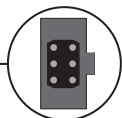
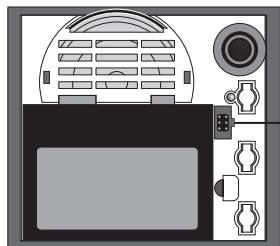
To reset the Factory configuration:



- Switch off the power supply to the device
- Put a jumper on the two lower interface pins



- Switch the device back on. The following message appears on the display:  
- RESET HARDWARE -
- Switch off the power supply to the device

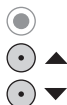


- Remove the jumper
- Switch the device back on.  
The Factory configuration is reset

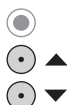
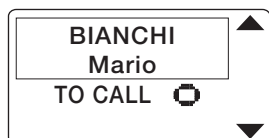
## USE

### LOOKING FOR A RESIDENT WHOSE NAME YOU KNOW

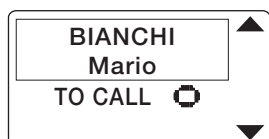
To call a resident whose name you know:



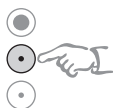
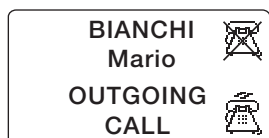
- Press a pushbutton to access the search;



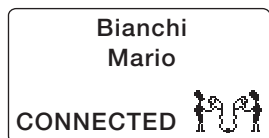
- scroll the address book until the name required appears on the display;



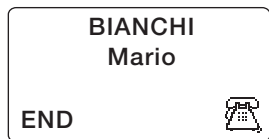
- press the pushbutton to make the call;



- if there is no reply press the pushbutton to interrupt the call;



*When the resident answers the display signals that the conversation is in progress.*



*When the resident puts down the handset of the internal device, or after 60 seconds, the call is interrupted and the display returns to the rest position.*



*This type of search is only possible if ALPHANUMERIC has been set as Address book Format.*

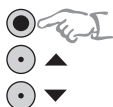
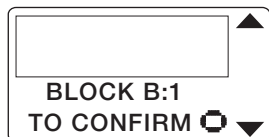
**USE**

**LOOKING FOR A RESIDENT WHOSE CODE YOU KNOW**

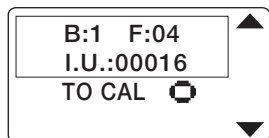
To call a resident whose code you know:



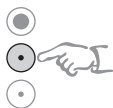
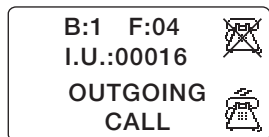
- Press a pushbutton to access the search;



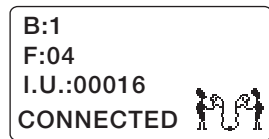
- Use the pushbuttons to select the Block, Floor and Extension required and confirm each choice.



- Press the pushbutton to make the call;



- If there is no reply press the pushbutton to interrupt the call;



When the resident answers the display signals that the conversation is in progress.



When the resident puts down the handset of the internal device, or after 60 seconds, the call is interrupted and the display returns to the rest position.

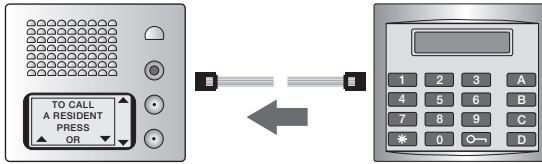


This type of search is only possible if CODE has been set as Address book Format. The codes must be programmed in the installation phase, associating an identification code: B (block), F (floor) and I.U. (extension) with the resident.




## EXTRA EXTERNAL DEVICES

### EXTRA KEYPAD MODULE



The keypad module (item 342640) can:

- Call directly the resident whose name is known (if *ALPHANUMERIC* has been set as *Address book Format*), keying in the MN address on the keypad.
- Call directly the resident whose code is known (if *CODE* has been configured as *Address book Format*), keying in the code (Block, Floor, Extension) on the keypad.
- Open the door lock by pressing the  pushbutton and typing a numerical code.

The keypad module is supplied with a multicable for the connection to the speaker module.

### I/R REMOTE CONTROL



The infrared ray remote control (item 392123) can be used to program the resident address book.

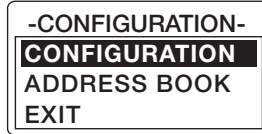
As well as the keys indicating letters and numbers, there are other keys for special programming functions:

- NEXT MESS selection next/previous messages
- SHIFT modifies the function of the NEXT MESSAGE and all the keys with double meaning
- RESET quits the editing phase losing each new setting
- MEMORY saves the new datum or the new selection
- BACK moves left by one position
- SPACE moves right by one position
- SHIFT + " . " enters a space (press *SHIFT* then " . ")

## PROGRAMMING

### ACCESS TO THE PROGRAMMING

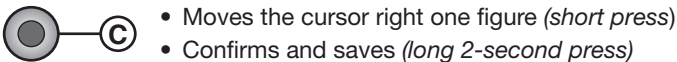
Access to the Graphic Distribution board programming is protected by a Secret Code (Factory **1234**).



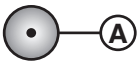
Once in Programming mode one can select:

- CONFIGURATION – to enter the device configuration menu.
- ADDRESS BOOK – to enter the address book configuration menu.
- QUIT – to quit the programming and go back to the initial page.

### PUSHBUTTONS AND THEIR FUNCTIONS



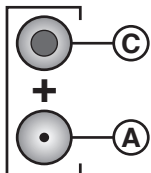
- Moves the cursor right one figure (*short press*)
- Confirms and saves (*long 2-second press*)



- Scrolls by one position ▲ (*short press*)
- One unit increase (*short press*)



- Scrolls by one position ▼ (*short press*)
- One unit decrease (*short press*)



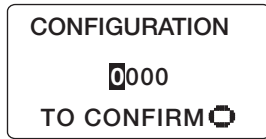
- Press pushbuttons **C + A** together to move the cursor one figure to the left (*typically first C and then A*)

## PROGRAMMING

To access the programming:



- press the pushbutton for at least 10 seconds;



- use the pushbuttons to enter the secret code (e.g.:1234 Factory code);



- press the pushbutton for at least 2 seconds to confirm;

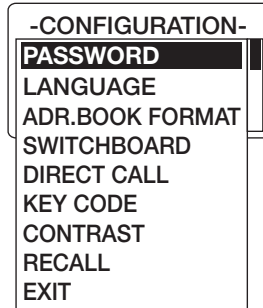


*If the code is correct:*

- the programming is accessed;



- otherwise the display goes back to the initial page.

**PROGRAMMING****CONFIGURATION MENU**

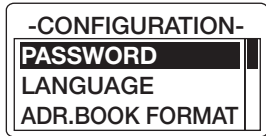
*This menu can configure:*

- SECRET CODE – the secret programming access code.
- LANGUAGE – the menu display language.
- ADDRESS BOOK FORMAT – the address book format (alphanumeric/code).
- DISTRIBUTION BOARD – the distribution board call screen.
- DIRECT CALL – the direct call to two privileged extensions screen.
- DOOR CODE – the door opening code (max. 5 different codes).
- CONTRAST – the display contrast value (30 to 70)
- RECALL – the automatic recall tone (each 10 seconds for 4 times)

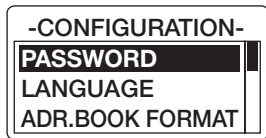
## PROGRAMMING

### SECRET CODE

To modify the programming access code (Factory **1234**):

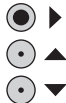
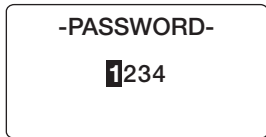


- Select **Secret Code**;



- press the pushbutton to confirm;

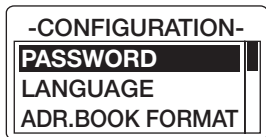
*The secret code in use is shown on the display*



- enter the new code by means of the pushbuttons (e.g. 2244);



- keep the pushbutton pressed for 2 seconds to save the new code.



*The display shows the initial page*

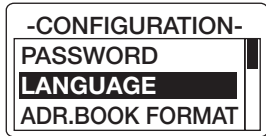


If there are more than 7 seconds between pressing one pushbutton and the next, the display returns to the rest position, keeping the old secret code set.

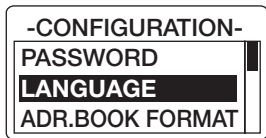
**PROGRAMMING**

**LANGUAGE**

To modify the device language (*Factory Italian*):



- Select **Language**;



- press the pushbutton to confirm;

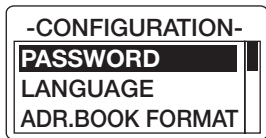
*The language in use is shown on the display*



- select the language required by means of the pushbuttons (e.g. English);



- press the pushbutton to confirm the new language.



*The display shows the initial page in the new language set.*

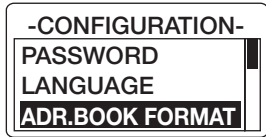


The "Custom" language can be replaced with a predefined language using the TiCall software.

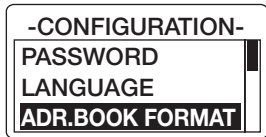
## PROGRAMMING

### ADDRESS BOOK FORMAT

To modify the device address book format (Factory alphanumeric without message):



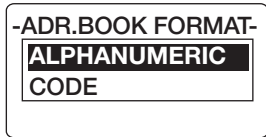
- Select Address book Format;



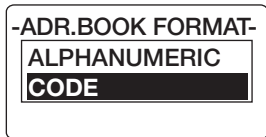
- press the pushbutton to confirm;




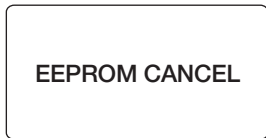
The format in use is shown on the display



- select the new format\* required by means of the pushbuttons;



- press the pushbutton to confirm. 



**Modifying or confirming the “Address book format” in use cancels all the data in the resident address book.**

(\* The possible choices are:

**ALPHANUMERIC:**

- **without message:** max **1000** residents (surname + name)
- **with message:** max **500** residents (surname + name + message)

**CODE:** max **5000** residents (code)

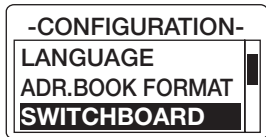
**PROGRAMMING**

**DISTRIBUTION BOARD**

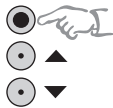
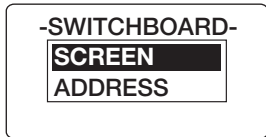
To enable the distribution board call screen:



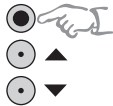
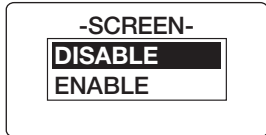
- Select **Distribution board**



- Press the pushbutton to confirm;



- Use the pushbuttons to select:
  - **Screen** to enable/disable the distribution board call screen (default: disabled)
  - **Address** to set the distribution board MN address (default: 4000)
- Confirm the choice;



- Use the keys to select the choice required and confirm.



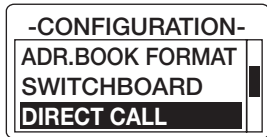
When the distribution board call screen is enabled, this is shown in succession every 10 seconds, alternating with the rest screen.



## PROGRAMMING

### DIRECT CALL

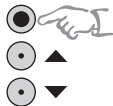
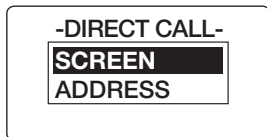
To enable the direct call to two privileged extensions screen:



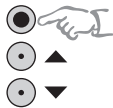
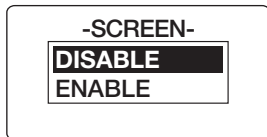
- Select **Direct call**



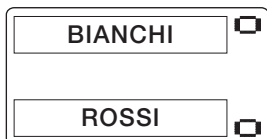
- press the pushbutton to confirm;



- use the pushbuttons to select:
  - **Screen** to enable/disable the direct call to two privileged extensions screen (default: disabled)
  - **Address** to set the MN address of the privileged extensions (Factory: 0000 and 0001)
- Confirm the choice;



- Use the keys to select the choice required and confirm;



When the direct call screen is enabled, it is shown in succession every 10 seconds, alternating with the rest screen.



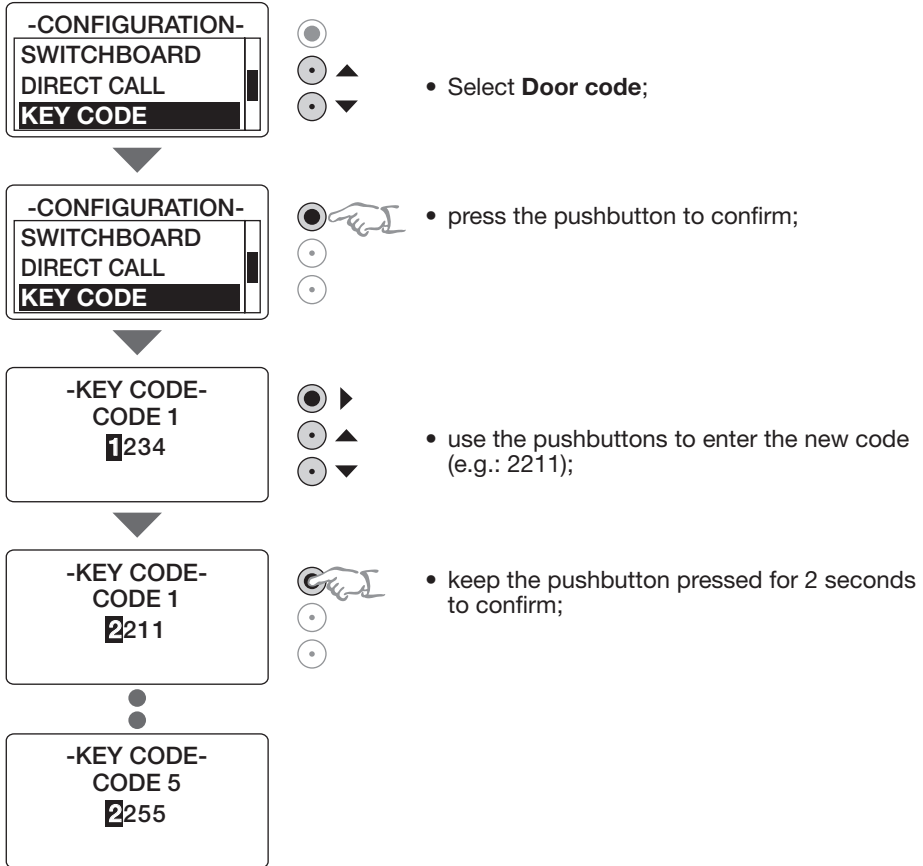
This function can only be enabled if the Address book format has been configured with Alphanumeric.

**PROGRAMMING**

**DOOR CODE**

This function can program up to 5 different door-opening codes (Factory 1234, 1235, 1236, 1237 and 1238).

To modify the door opening code:



**Example:** Assigning the **door codes** with the following logic:

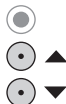
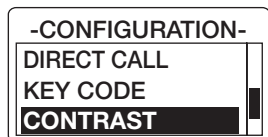
- CODE 1** - residents
- CODE 2** - monitoring service
- CODE 3** - maintenance service
- CODE 4** - postman
- CODE 5** - water and gas service

one assigned code (e.g. postman) can be changed without altering the others.

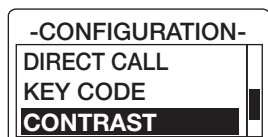
## PROGRAMMING

### CONTRAST

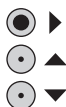
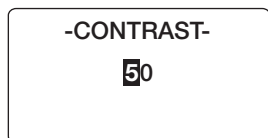
To modify the display contrast value (Factory – 70):



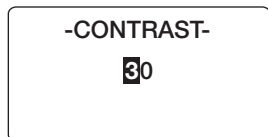
- Select **Contrast**;



- press the pushbutton to confirm;



- use the pushbuttons to enter the new value (between 30 and 90);

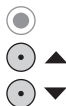
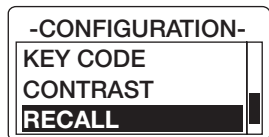


- keep the pushbutton pressed for 2 seconds to confirm.

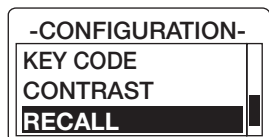
**PROGRAMMING**

**RECALL**

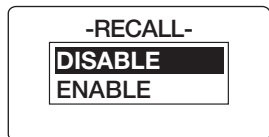
To enable the display recall tone, 10 seconds for four times (Factory – **disabled**):



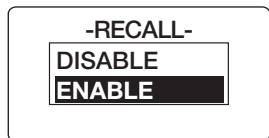
- Select **Recall**;



- press the pushbutton to confirm;



- select the choice required;

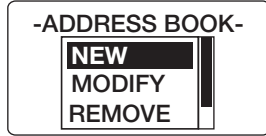


- keep the pushbutton pressed to confirm.

## PROGRAMMING

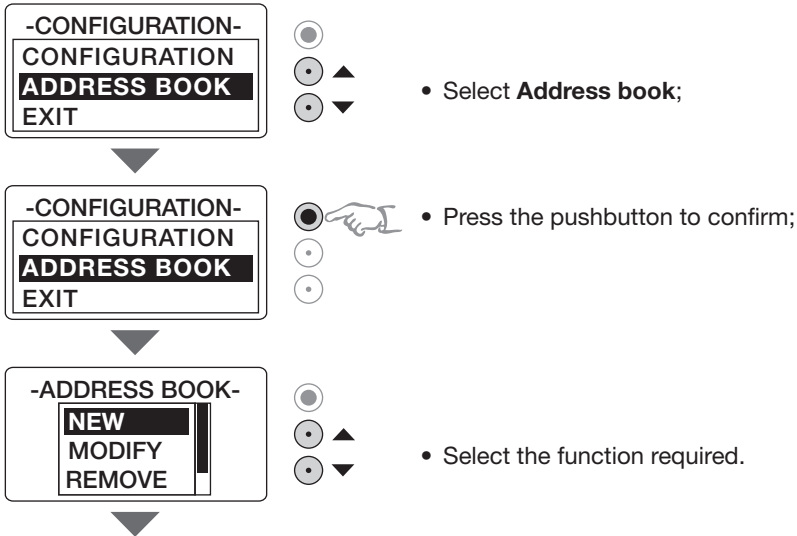
### ADDRESS BOOK MENU

In this menu new residents can be entered in the address book and the data entered can be modified or cancelled.



 *The menus vary depending on whether Alphanumeric or Code has been set in the "Address book format".*

To access the address book menu:



**PROGRAMMING**

**New (Alphanumeric)**

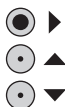
To enter a new resident in the address book:

-ADDRESS BOOK-  
**NEW**  
 MODIFY  
 REMOVE



- Press the pushbutton to confirm;

-NEW-  
 SURNAME:  
 |



- Use the pushbuttons to enter the new data:
  - SURNAME
  - NAME
  - MESSAGE (if Alphanumeric with message)
  - MN ADDRESS

-NUOVO-  
 SURNAME:  
 BAI  
 NAME:  
 |



- press the pushbutton for 2 seconds to save each of these.

-NEW-  
 ADDRESS MN:  
 0012

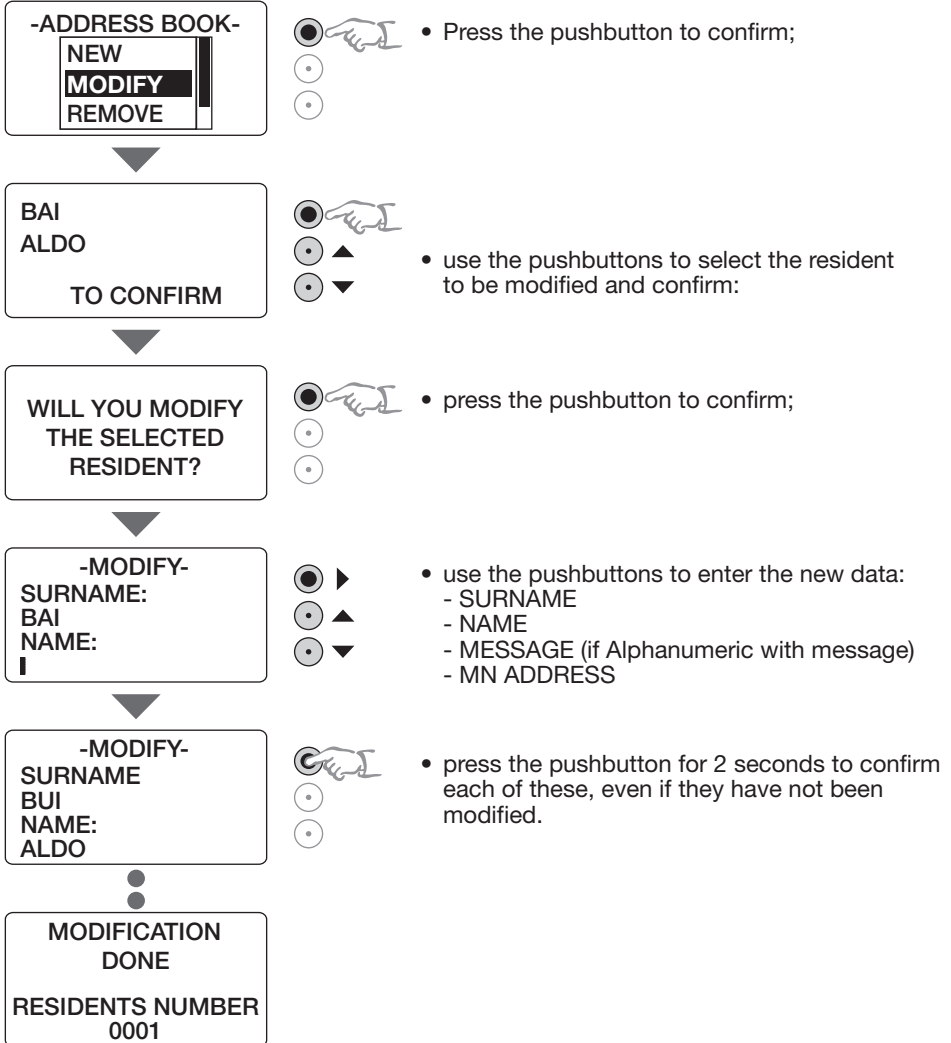


RESIDENT INSERTED  
 RESIDENTS NUMBER  
 0001

## PROGRAMMING

### Modify (Alphanumeric)

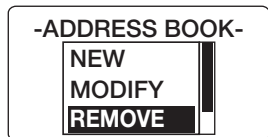
To modify the data of a resident in the address book:



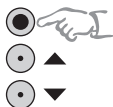
# PROGRAMMING

## Cancel (Alphanumeric)

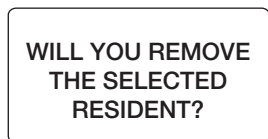
To cancel a resident from the address book:



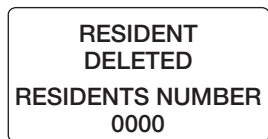
• Press the pushbutton to confirm;



• use the pushbuttons to select the resident to be cancelled from the address book and confirm;



• press the pushbutton to confirm.

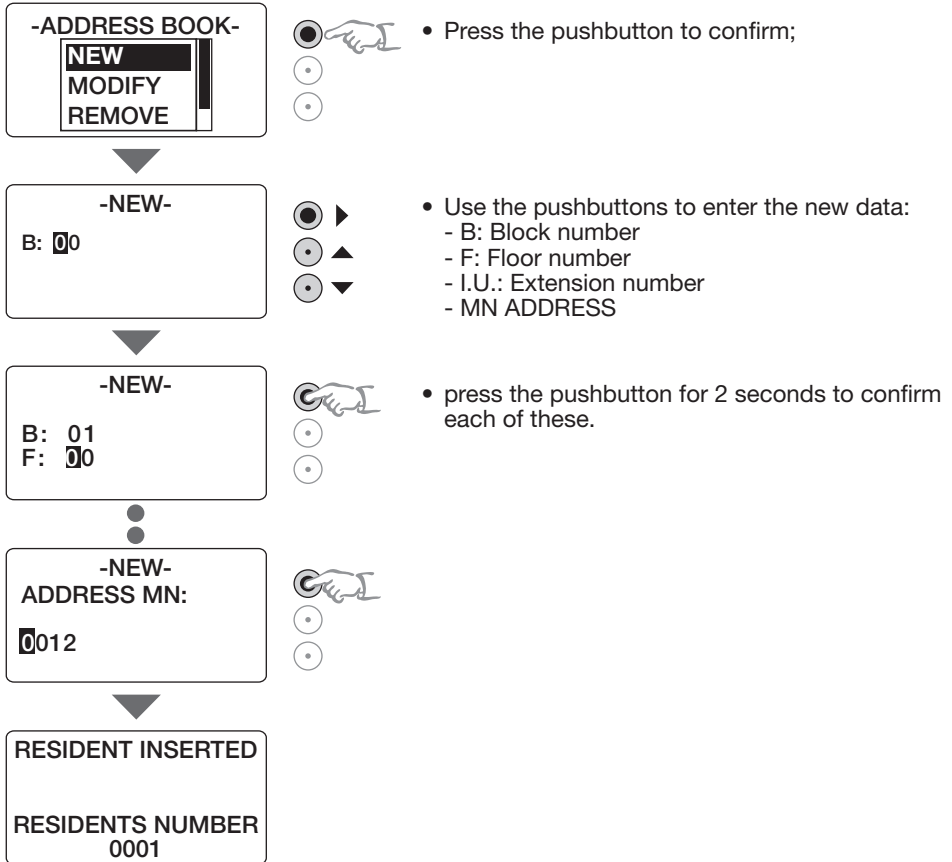




## PROGRAMMING

### New (Code)

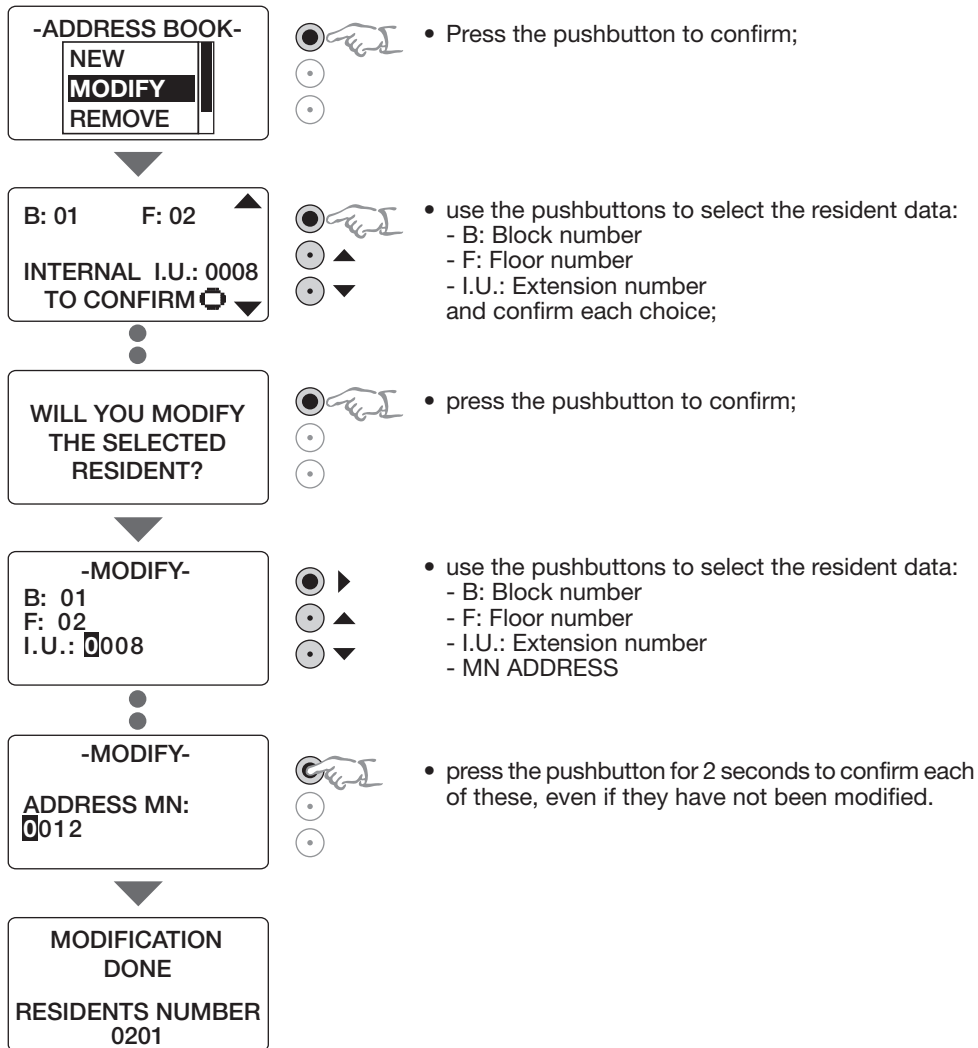
To enter a new resident in the address book:



**PROGRAMMING**

**Modify (Code)**

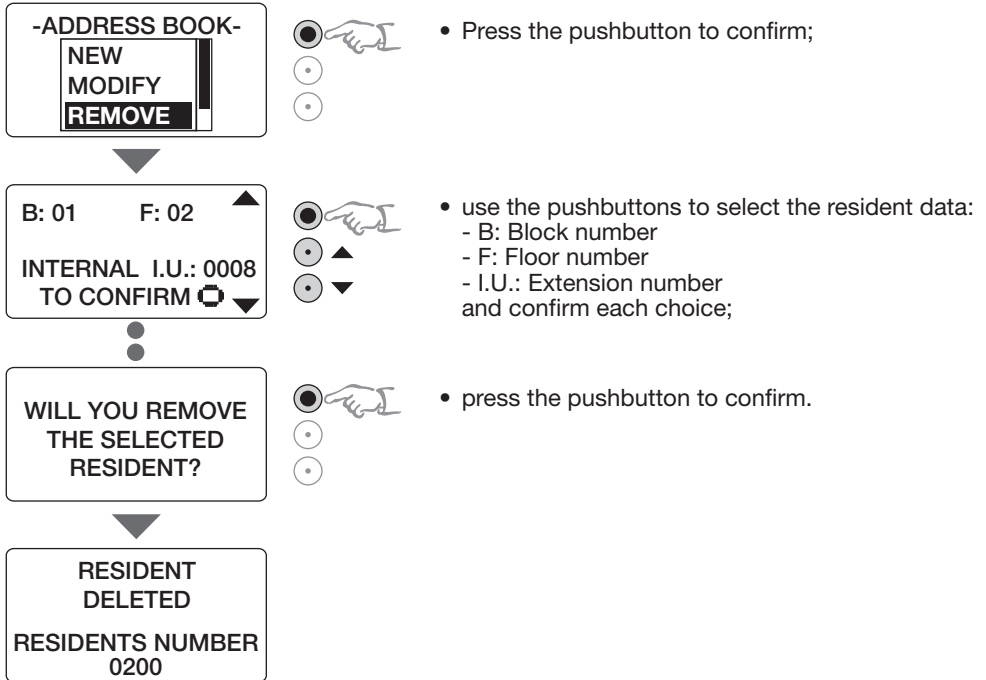
To modify the data of a new resident in the address book:



## PROGRAMMING

### Cancel (Code)

To cancel a new resident in the address book:

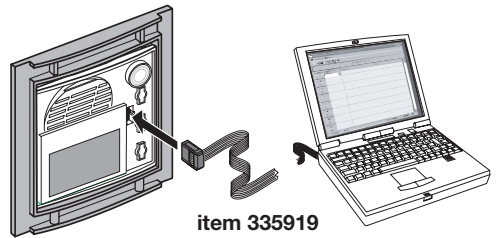


## TICALL SOFTWARE

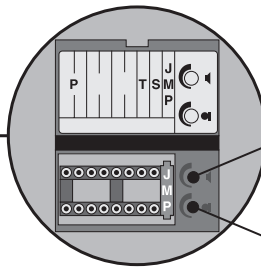
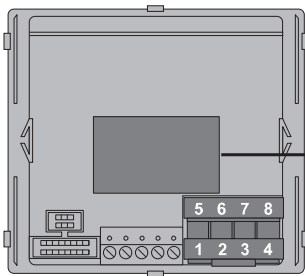
The TiCall software can program all the parameters in the device configuration menu, using a PC with Microsoft operating system.

The functions described above can be programmed when the device is already installed, by means of SCS bus, or before installation (just power the speaker module), connecting it to the PC RS232 port by means of the serial interface cable (item 335919). To transfer the programming the module display must show the initial page (rest position). By assigning a name to each custom programming, the filing can be managed like any other file.

The software can also update the device firmware and replace the “Custom” language with a predefined language by means of the serial interface cable (item 335919).



## CONFIGURATION



Loudspeaker volume adjustment

Microphone sensitivity adjustment

### P - entrance panel number

The configurator inserted in socket P of the speaker module assigns it a recognition number inside the system.

The main entrance panel must not be configured in P, while all the other entrance panels must be numbered progressively.

### S - type of call signal

The configuration of S determines the tone of the internal unit call. The calls from different entrance panels can thus be differentiated.

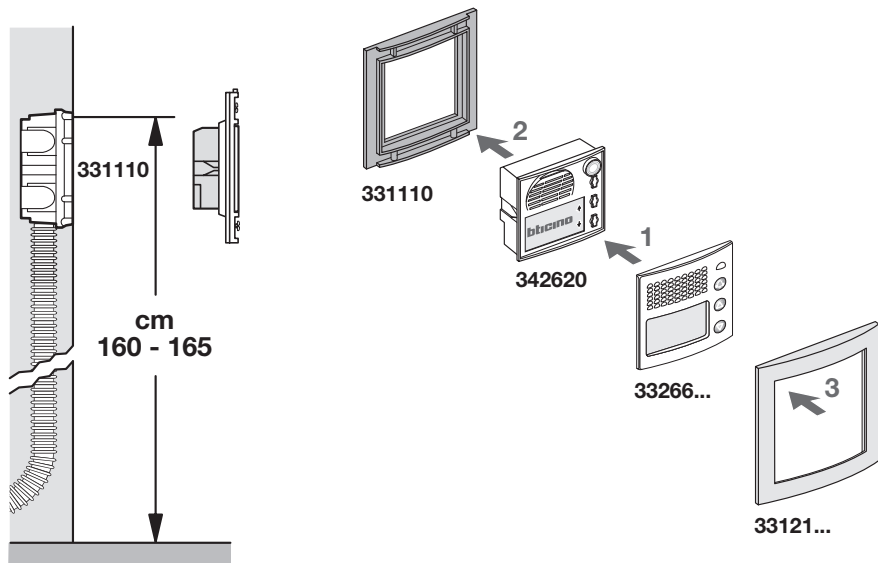
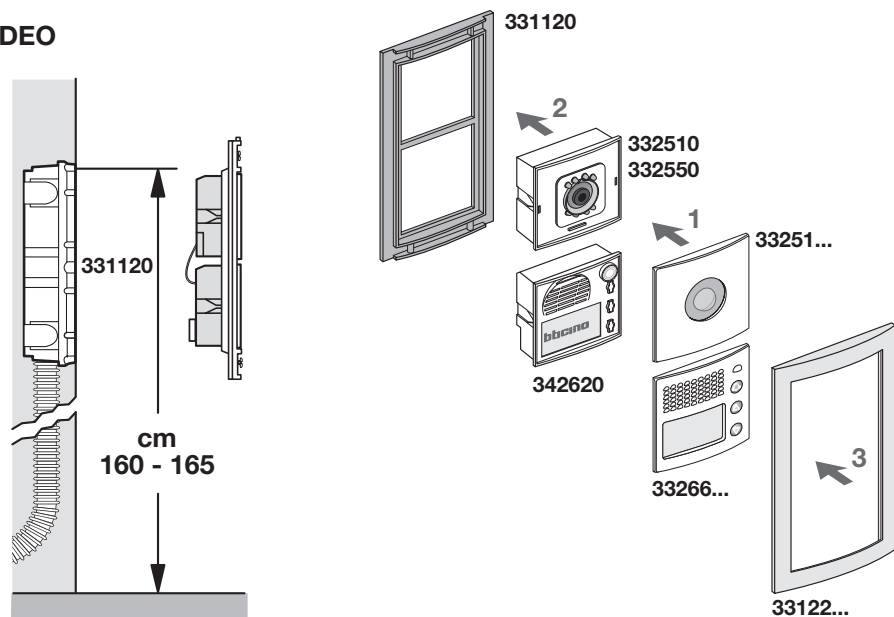
Configurator	0	1	2	3
Type of ring tone	Two-tone	Two-tone	Two-tone	one-tone
	1200 Hz	1200 Hz	1200 Hz	1200 Hz
	600 Hz	0 Hz	2400 Hz	

### T - door lock relay timing

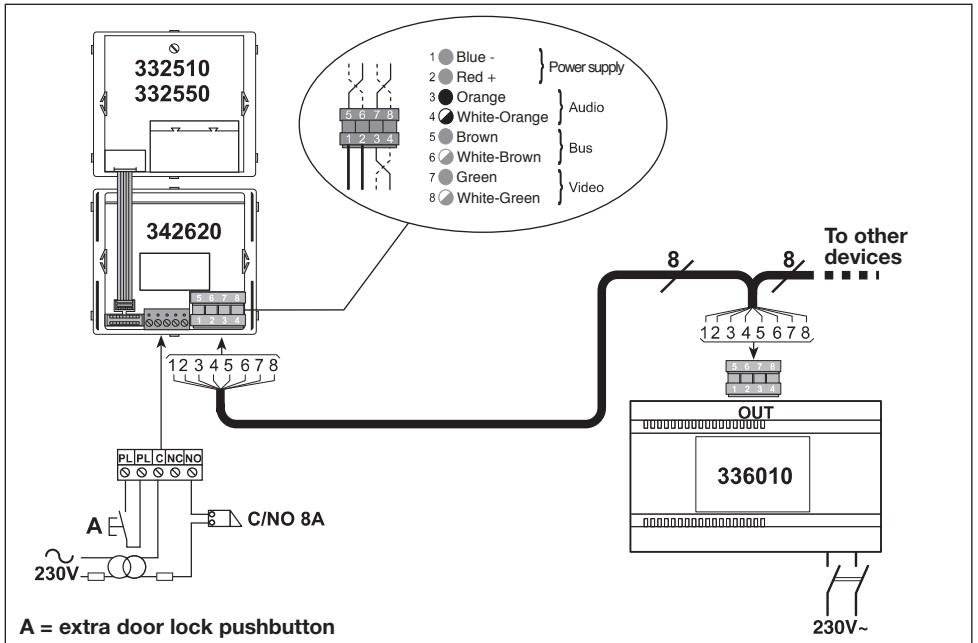
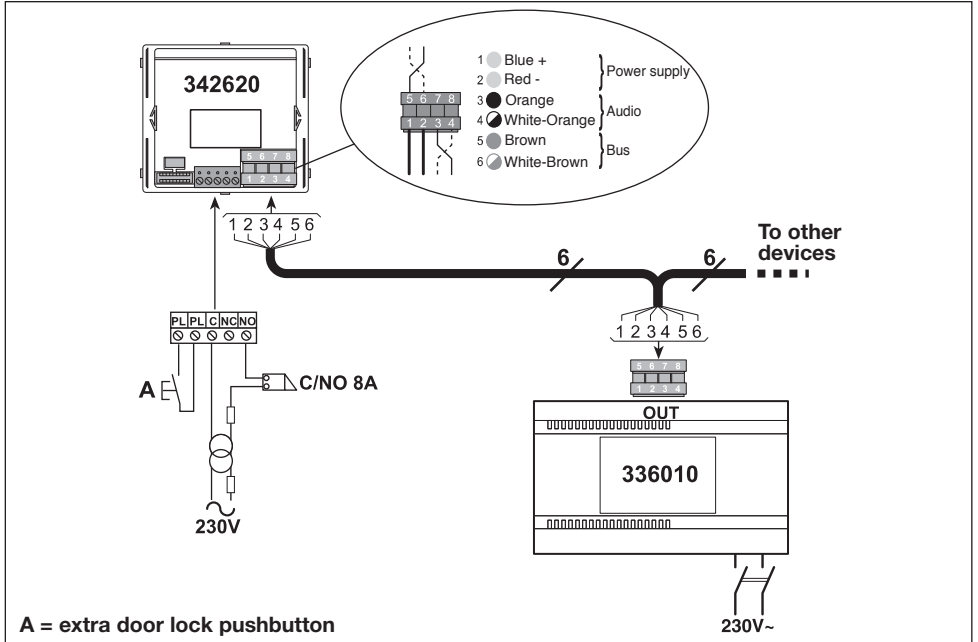
0 = No configurator	configurator number						
	1	2	3	4	5	6	7
4 sec.	1 sec.	2 sec.	3 sec.	as pushbutton	6 sec.	8 sec.	10 sec.

### JMP - confirm call on EP

Remove jumper JMP to eliminate the call tone on the entrance panel.

**INSTALLATION****AUDIO****VIDEO**

**INSTALLATION**







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