

kombi[®]

CALL MODULE

Download from:
www.urmetdomus.com
Technical Manuals area

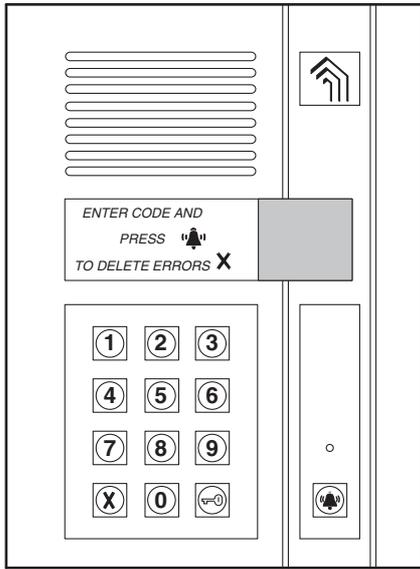
SECTION 2c CONTENTS

DIGIVOICE SYSTEM



The index is on the page 22.

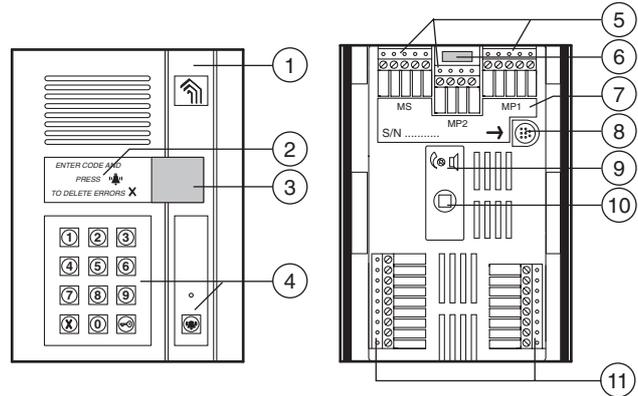
ENTRANCE MODULE Ref. 1038/10



Entrance module Ref. 1038/10 employs two-module Kombi series mechanical componentry and is supplied without flush mounting back box and associated module chassis (available separately). To ensure installation security, the entrance panel is supplied with a special tamper-proof screw.

FEATURES

- Doorphone or video doorphone calling (video calling only if combined with door camera unit Ref. 825/70).
- Automatic doorphone or video doorphone traffic management on the basis of the number of available voice lines (1 or 2).
- Provision for assigning numeric or alphanumeric call codes (if combined with additional alphabetic keypad Ref. 1038/72). Up to 159999 different call codes can be used.
- Provision for managing up to two direct call keys (if combined with module Ref. 825/201 or 825/202) for calling specific users or the guard door switchboard station.
- Up to 240 door lock release codes.
- Up to 7999 codes for special services.
- Momentary trigger type door lock release (unrestricted or protected by privacy feature) with holding current timer control (1 to 30 seconds) of low current draw electric door locks.
- Audible electric door lock actuation signal.
- Ringing duration programmable from 1 to 5 seconds.
- Distinctive ringing: continuous tone for main entrance modules, intermittent tone for secondary entrance modules.
- Audible 'call routed' and 'call over' signals.
- Audible service signals adjustable in intensity.
- Door-open sensor interface.
- Self-activation function, with no need for dedicated wiring.



The entrance module consists of the following:

- 1) Two-module Kombi series faceplate.
- 2) Scratchproof adhesive instruction label (module is supplied together with labels in five different languages; select the appropriate label during installation).
- 3) Four-digit red display protected by transparent polycarbonate cover.
- 4) Numeric keypad with green backlit keys, complete with yellow backlit 'Delete', 'Key' and 'Call' buttons.
- 5) Removable terminal blocks for system connections (MP1, MP2, MS).
- 6) Connector for additional alphabetic keypad (Ref. 1038/72).
- 7) Label indicating device serial number (S/N).
- 8) Connector for programming terminal Ref. 1038/56.
- 9) Entrance module speaker volume control.
- 10) Programming pushbutton. Used only when password is not known.
- 11) Removable terminal blocks for local auxiliary services (MA) and video signals (MV).

TERMINAL DESIGNATIONS

MP1 - Main Voice Terminal Block 1

- +V Power supply positive (+24V)
- 0V Power supply and data line ground
- D Data line
- FA1 Outward voice conductor 1
- FB1 Return voice conductor 1

MP2 - Main Voice Terminal Block 2

- FA2 Outward voice conductor 2
- FB2 Return voice conductor 2
- +F Voice power supply positive (+33V)
- 0F Voice ground

MS - Secondary Terminal Block

- +V Power supply positive (+24V)
- 0V Power supply and data line ground
- D Data line
- FA Outward voice conductor
- FB Return voice conductor

MA - Auxiliary Terminal Block

- SE- Electric lock drive output - negative
- SE+ Electric lock drive output - positive
- 0V Key/contact/pushbutton common
- T2 Direct call key 2 input
- T1 Direct call key 1 input
- SP Door sensor input
- H Door lock release code disabling contact input
- P Postal service door lock release contact input
- PH Lobby door lock release pushbutton input

MV - Video Terminal Block

+V	Power supply, Ref. 1038/68 video entrance panel relay
SC	Drive output, Ref. 1038/68 video entrance panel relay - riser cable
SL	Drive output, Ref. 1038/68 video entrance panel relay - local
S12	Drive output, Ref. 1038/68 video entrance panel relay - channels 1/2
0V	Ground, Ref. 1038/68 video entrance panel relay
S1	Drive output, Ref. 1032/9 video entrance panel relay - channel 1
S2	Drive output, Ref. 1032/9 video entrance panel relay- channel 2
0V	Ground, Ref. 1032/9 relays

SPECIFICATIONS

Consumption in load units: **25 LU**

Logic circuits

Logic circuit supply voltage (+V/0V): **15 to 25.2 V DC**

Max current draw **~ 500 mA**

Voice circuits

Voice circuit supply voltage (+F/0F): **30 to 36 V DC**

Service temperature range: **- 10 to 50 °C**

OPERATION**CALLS WITH CODE ENTRY**

The code entered on the entrance module keypad (and, optionally, on the additional alphabetic keypad 1038/72) is shown on the display. An acoustic signal is generated each time a key is depressed.

When the 'Call' button is pressed, the call will be sent to the station corresponding to the displayed code. The ringer at the called apartment station will be activated for the programmed time (from 1 to 5 seconds), with a continuous ring tone (main entrance module) or an intermittent tone (secondary entrance module). Three audible beeps will confirm that the call has been forwarded. Pressing the call button again will extend the ringer activation time.

If an error is made when entering the code, pressing the delete button 'X' will cancel the number shown on the display.

DIRECT CALLS

Calls can be made to two designated users by pressing the direct call keys on module 825/202, where provided. In addition, the guard door switchboard station 1038/40 (where provided) can be called simply by pressing the 'Call' button without entering a code. Alternatively, if the system is equipped with module 825/202, one of the two direct call keys can be programmed for the switchboard station.

ADDITIONAL CODES AND FUNCTIONS

The entrance module can manage three separate code sets:

- **Call codes (1- JJJJ)**

These codes identify doorphone or video doorphone apartment stations. When entering codes, those consisting of fewer than four numbers or letters must NOT be preceded by zeros (e.g., enter "12A", rather than "012A"). After entering the call code, press the 'Call' button to send the call.

- **Door lock release codes (ONLY numeric codes: 1-99999999)**

Door lock release codes enable residents or other persons to open the door directly. The 'Key' button must be pressed before and after entering a door lock release code. Pressing the 'Key' button before entering the door lock release code ensures that it does not appear on the display, which will thus show a special symbol followed by vertical bars instead of the code: 'o|||'.

Door lock release codes can be disabled during certain selected time periods by means of a timer-controlled external switch operating across terminals 'H' and '0V'.

- **Special codes (1- JJJ)**

Special codes can be used to activate and deactivate auxiliary services such as stair lights, outdoor lighting, etc. Special codes must always be preceded by a '0' (this prevents the code from appearing on the display, which will show a 0 followed by vertical bars instead of the code) and followed by pressing the 'Call' button. Special codes are also used to view the status of an input, which will be shown on the display as 'On' or 'OFF'.

NOTE 1: If an error is made when entering a code of any kind, press the delete button 'X': this will clear the code from the display.

NOTE 2: If the entrance module is provided with nameplates, it is advisable to indicate the 'Call' button bell symbol after the code.

Example:

Mr. John Smith: 5230 'Call'

DECODER PROGRAMMING

The installer can use entrance module 1038/10 to program the decoders. Programming parameters and methods are described in the decoder instruction manual.

When a parameter has been successfully programmed, the module display will show:

PR 1

If programming is unsuccessful, the display will show:

PR 0

PROGRAMMING

PROGRAMMING METHODS

Once it has been supplied with power, the entrance module can be programmed in three different ways:

- 1) By means of programming terminal Ref. 1038/56. This is the recommended method, as the terminal's display simplifies programming operations. The terminal can be connected either:
 - Locally, to programming connector (8) located at the rear of the entrance module to be programmed.
 - To any other entrance module or guard door switchboard station in the system.
 - To any passive wiring block (Ref. 1038/90) connected to the system.
- 2) Locally by means of the keypad, without opening the entrance module chassis. This method can only be used if the configuration access password is known.
- 3) Locally by means of the keypad, after opening the entrance module chassis to gain access to the rear programming pushbutton (10).

PARAMETERS

The following 12 parameters must be programmed.

0) Installation site

This parameter can be programmed (and read) only by means of the programming terminal. It is a 15-character string which must be used to assign an easily remembered name to the entrance module, e.g., 'Main Road Entrance', 'Riverside Drive', 'Stair A', 'Stair B', etc. In reality, up to 30 characters can be entered, but the terminal display will show only the first 15 in fast find mode. It is thus advisable to limit the entrance module name to 15 characters, and use the remaining characters for any additional information which may be necessary.

1) Type of entrance panel

The module can be configured as a main entrance panel (0), i.e., one from which calls can be made to all apartment stations or to the guard door switchboard station, or as a secondary entrance panel (1), from which calls can be made only to the apartment stations on the module's own riser cable.

2) Entrance panel code

Whether configured as main or secondary, each entrance panel is identified by a code. However, the codes that can be assigned to an entrance panel will depend on the latter's type as follows.

- Main entrance panels can be assigned codes from '1' to 'JJJ';
- Secondary entrance panels can be assigned codes from '1' to 'JJ'. The code indicates the associated riser cable.

3) Engaged time

The programmed engaged time establishes the minimum duration of a call (including the time lapsing between the moment the call is sent from the entrance panel and the moment it is answered at the indoor station). To guarantee this minimum duration in situations where several calls are being made at the same time, the system can put one or more entrance panels in 'Busy' status. In such cases, the word 'Busy' will flash on the display. When an entrance module is in busy status, it cannot be used to make calls, though door lock release codes can still be entered.

Engaged time can be programmed as 10, 20, 30 or 40 seconds.

4) Electric lock management

Door lock release from apartment stations may be unrestricted (0) or protected by privacy feature (1): in the first case, the door lock can be released at any time, while in the second case it can be released only while a call is in progress.

The criteria selected for electric lock management is essential to correct system operation.

**STRICTLY ADHERE TO THE INSTRUCTIONS BELOW:
CONFIGURATIONS OTHER THAN THOSE DESCRIBED
CANNOT BE USED.**

- In installations with a single main entrance panel and no secondary entrance panels, the entrance panel may be configured either for UNRESTRICTED DOOR LOCK RELEASE or for DOOR LOCK RELEASE PROTECTED BY PRIVACY FEATURE.
- In installations with at least one secondary entrance panel, it is essential that the main entrance panel or panels be programmed for DOOR LOCK RELEASE PROTECTED BY PRIVACY FEATURE.

The secondary entrance panel(s) can be programmed either for UNRESTRICTED DOOR LOCK RELEASE or for DOOR LOCK RELEASE PROTECTED BY PRIVACY FEATURE.

In the first case, pressing the apartment station door lock release button in response to a call from a main entrance panel will release the lock connected to the main entrance panel from which the call was made, as well as the lock connected to the secondary entrance panel associated with the apartment station concerned. In the second case, pressing the apartment station door lock release button in response to a call from a main entrance panel will release only the lock connected to the main entrance panel from which the call was made: a second call will have to be made from the secondary entrance panel before the lock connected to it can be released.

5) Door lock release time

The programmed door lock release time establishes the duration in seconds of the electric lock holding current. NOTE: for electric strike locks, ALWAYS set door lock release time to 0. ONLY for low current consumption locks, door lock release time may be set between 1 and 30.

6) Ring duration

Indicates the length of time that the apartment station doorphone will ring. It is advisable to program all entrance panels for the same ring duration. Ring duration can be 1 to 5 seconds.

7) Number of voice lines

The number of voice lines between the system's main and secondary panels must be specified. This parameter can be set to either '1' or '2'.

8) Buzzer volume

Sound intensity of the audible signals produced by the module (key pressed, call routed, call over, etc.) can be set to three levels: Minimum (Min), Medium (Med), and Maximum (Max).

9) Code associated with direct call key T1

Where module Ref. 825/201 or /202 is installed, the code associated with the first direct call key must be specified. If the key is to send calls to a specific guard door switchboard station – in both day service and night service modes, but not when the station is inactive – program the desired guard door switchboard station's code.

Conversely, if the key is to send calls to any of the system's guard door switchboard stations which are in 'day A' status, program '0000'.

Codes between '0000' and 'JJJJ' can be assigned.

10) Code associated with direct call key T2

This is the code assigned to the second direct call key on module Ref. 825/202 (where provided).

Codes between '0000' and 'JJJJ' can be assigned.

11) Configuration access password and door lock release code programming password.

ONLY four-digit numeric passwords can be used.

Once programmed, the password can be used to access the module configuration procedure without having to open the Kombi chassis.

Programming the configuration access password automatically enables a second password which can be used to program door lock release codes. This second password will be the same as the first password plus 1. For example, if the programmed configuration password is '1234', the door lock release code programming password will thus be '1235'.

In this way, the installer can disclose ONLY the door lock release code programming password to the building manager, concierge, etc., thus ensuring that there is no risk of access to configuration parameters.

Passwords between 0001 and 9998 can be programmed.

PROGRAMMING WITH TERMINAL 1038/56

Programming by means of the terminal must be performed with the system on.

- Turn on the terminal, holding down the 'ON' key for at least 3 seconds.
- Plug the programming cord into the associated socket (8) or, alternatively, into another entrance module, guard door switchboard station or passive wiring block. The terminal will automatically be connected to the data line, and the display will show the following message for 3 seconds:

Programming

This will be followed by:

Find:
<Serial Number>
<Type>
<Acquisition>

- Select the option <Serial Number >. The display will show:

Serial number:
000000

Type in the entrance module serial number shown on the rear label (7) alongside the designation S/N and press ↵. The display will show:

MDC SN: uvwxyz

Road.

At this point, the terminal is logically connected to the entrance module (MDC) which has the selected serial number ('uvwxyz'). The entrance module display will show the flashing message 'Maint' to indicate that the module is in 'Maintenance' status.

NOTE: In 'Maintenance' status, the entrance module will continue to control the electric lock when the lobby pushbutton or postal service door lock release contact is actuated.

- The 12 entrance module configuration parameters can now be programmed. Parameters are shown on six screen pages:

(Page 1: Device detected (MDC) and Serial Number, neither of which can be changed; Installation site)

MDC SN: uvwxyz

Road.

(Page 2: Type, Code, Engaged Time, Lock Management)

Type: P Code: 001

Busy: 10 s
Lock rel.: S-00 s

(Page 3: Ring Duration, Number of Lines, Buzzer Volume)

Call: 03 s
Lines: 1
Buzzer: 2

(Page 4: Direct Call Key T1 and T2 codes, Password)

Key 1: 0000
Key2: 2: 0000
Password: 9998

- Use the ← and → keys to move to the desired parameters, select options using the 'sp' key, program by means of the alphanumeric keys, and press ↵ to confirm.
- Press → (or ←) several times in succession to view the next page.

<Lock Release Codes>
<Cancel>
<Program>
<Exit>

- Move the cursor to 'Program' and press ↵. The terminal will write programmed data in the entrance module memory and display the outcome of the write operation.
- Go on to the page with the <Exit> option, move the cursor to the option and press ↵. At this point (and ONLY at this point), the entrance module will exit from the maintenance status and return to normal operation.
- Disconnect the programming cord and turn off the terminal by holding down the 'OFF' key for at least 3 seconds, or, if further entrance modules connected to the system are to be connected, repeat the steps described above.

LOCAL PROGRAMMING FROM KEYPAD

The programming sequence can be accessed in two ways:

- a) **If the configuration access password is known** (all units are programmed at the factory with the password '9998'), enter '00' followed by the 4-digit password and press the 'Call' button. If the password is incorrect, the display will show 'Err0'. After the third unsuccessful attempt, password entry will be blocked for a period whose length will increase with the number of unsuccessful attempts as shown below:

Nr. of unsuccessful attempts	Delay before another password can be entered
1	-
2	-
3	-
4	1 minute
5	2 minutes
6	3 minutes
•	•
•	•
255	252 minutes (over 4 hours)

- b) **If the password is not known**, open the Kombi chassis and press the red pushbutton (10) at rear.
After the correct password is entered – or after the red pushbutton (10) is pressed - the following information will appear on the display in the order shown:



The first screen display indicates the software release (1.0 in the example shown) and the maximum number of door lock release codes that can be programmed, which here is 240 as designated by the letter 'b'. The next two lines indicate the device's serial number ('uvwxyz'), which is the same as the number shown on the rear label alongside the designation S/N (this makes it possible to identify the serial number WITHOUT opening the Kombi chassis). The next digits to appear regard the first of the 11 programming steps (when programming is performed locally from the keypad, parameter '0' - Installation Site - can neither be viewed nor changed). The programming procedure is the same for all steps:

- The digit on the left indicates the number of the programming step (except for the last three steps, for which the digit is not shown).
- The flashing digit on the right indicates the setting programmed in memory for this step. The programmed setting can be confirmed immediately by pressing the 'Call' button, or changed and then confirmed, again by pressing the 'Call' button.
- If a mistake is made when entering settings, the error can be deleted by pressing the 'X' key. The former setting will return to the display.

NOTE: *To exit from the programming procedure at any time before reaching the last step, simply hold down the 'X' key for more than 3 seconds. All data entered up to this point will remain in memory. The entrance module will return automatically to normal operation if no key is pressed for a period exceeding three minutes.*

DOOR LOCK RELEASE CODE ENTRY

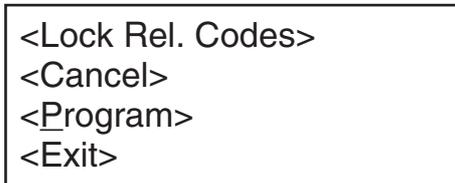
A maximum of 240 door lock release codes can be entered in entrance module memory.
Only numeric codes can be used. Each code may consist of any desired number of digits between 1 and 8. The possible range is thus 1 to 99999999.

CODE ENTRY METHODS

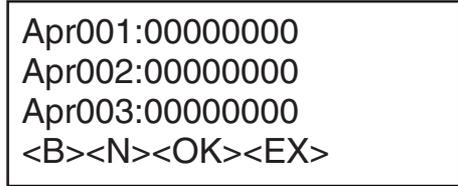
- Door lock release codes can be programmed in two different ways:
- 1) By means of programming terminal Ref. 1038/56 connected either locally or at any other point of the system.
 - 2) Locally by means of the keypad. This method can only be used if the door lock release code programming password (which is DIFFERENT from the configuration access password) is known.

CODE ENTRY WITH TERMINAL 1038/56

After establishing a logic connection with the entrance module in question (see the description provided in the paragraph headed 'PROGRAMMING WITH TERMINAL 1038/56'), go to the page:



- Select <Lock Rel. Codes> and press ↵.
The first three door lock release codes will appear:



- Enter the desired code(s), use the ← and → keys to move to the <OK> command, and press ↵.
- WARNING: THE THREE CODES WILL BE STORED IN ENTRANCE PANEL MEMORY ONLY AFTER THEY HAVE BEEN CONFIRMED BY MEANS OF THE <OK> COMMAND.** A display message will appear when the codes have been stored.
- To access the next three codes, select <N> and press ↵. To go back to the three previous codes, select and press ↵.
- After programming all codes, select <EX> and press ↵. Then use the ← key to return to the previous page, select <Exit > and press ↵.
- Disconnect the programming cord and turn off the terminal by holding down the 'OFF' key for at least 3 seconds, or, if the same door lock release codes are to be programmed in another entrance module connected to the system, repeat the steps described above.

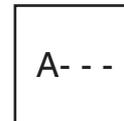
NOTE: *A door lock release code can only be deleted by reprogramming it to '00000000'.*

CODE ENTRY FROM KEYPAD

- Enter '00' followed by the 4-digit door lock release code programming password and press the 'Call' button. If the password is incorrect, the display will show 'Err0'. After the third unsuccessful attempt, password entry will be blocked for a period whose length will increase with the number of unsuccessful attempts as shown below:

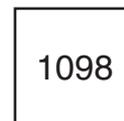
Nr. of unsuccessful attempts	Delay before another password can be entered
1	-
2	-
3	-
4	1 minute
5	2 minutes
6	3 minutes
•	•
•	•
255	252 minutes (over 4 hours)

After the correct password is entered, the display will show:



The letter 'A' indicates that the door lock release code configuration procedure has been successfully accessed.

- At this point, select the code to be entered or changed. This can be done in two ways:
 - Enter a number between 1 and 240 and then press the 'Call' button; any errors can be deleted by means of the 'X' key. For example, to enter or change the first code, simply press key '1' followed by the 'Call' button.
 - Hold down the 'Call' button for more than 3 seconds: the device will emit a beep, automatically find the first door lock release code available for entry, and present it on the display. Press the 'Call' button again to enter this code in memory.
- The first four digits of the door lock release code in question will appear on the display in non-flashing mode. For instance, if the code **1098 2685** is already contained in memory, the display will show:



If the first four digits of the code are to be changed, enter the desired digits from the keypad and press the 'Call' button. If they are to be retained, simply press the 'Call' button.

- At this point, the four least significant digits of the door lock release code will appear on the display in flashing mode:



The second part of the code can be changed or retained. At the end of the operation, press the 'Call' button: the program will now be ready for selection of another door lock release code.

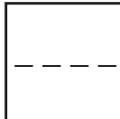
- Repeat the procedure described above for all door lock release codes to be programmed.
- To return to normal entrance module operation, hold down the 'X' key for at least 3 seconds.

NOTE 1: When the first four digits of codes smaller than the number 1000 0000 appear on the display, the missing digits will be replaced by zeroes.

For example, the number 79 3543 will be displayed as 0079, 8 3518 will be displayed as 0008, and 1001 will be displayed as 0000.

NOTE 2: A door lock release code can only be deleted by reprogramming it to '00000000'.

NOTE 3: Codes which do not exist in memory will be displayed as follows:



INSTALLATION

WARNING: Be sure to follow the instructions indicated in the section headed "Installation Requirements" when setting up wiring. This section also specifies the maximum permissible cable lengths.

The entrance module must be installed on a Kombi series chassis (not supplied with module).

The adhesive instruction label should be applied to the entrance module at the time of installation, selecting the appropriate language version.

The tamper-proof screw supplied together with the module must be used in place of the standard screw supplied with the Kombi series chassis to ensure greater installation security.

If the entrance module is combined with additional alphabetic keypad Ref. 1038/72, the latter must be placed BELOW (or if this is not possible, ALONGSIDE) entrance module 1038/10.

For examples of modular installation, see the section headed "Outdoor stations on Kombi entrance panels - Installation".

SPEAKER VOLUME ADJUSTMENT

Voice level to apartment stations is set at the factory, and requires no adjustment.

Speaker volume at entrance panel is set to medium at the factory. If volume requires adjustment, do so using a screwdriver applied to volume control (9).

ERROR CODES

Several types of error can be shown on the display.

ERRORS DURING NORMAL OPERATION

- Err7** Call to nonexistent station.
- ErrC** Call from a secondary entrance module to a station on another riser cable.
- Err1** One or more keys jammed.
- ErrA** Door lock release code nonexistent or disabled.

ERRORS DURING INSTALLATION

- Err3** No signal on data line (terminal 'D' not connected or signal absent).
- Err0** Incorrect password entered.

SELF-DIAGNOSTICS

- ErrE** Data memory fault.
- ErCE** Data memory checksum error.

TROUBLESHOOTING AND REPLACEMENT

ELECTRIC LOCK

If the electric lock fails to open, the cause can be readily identified as follows:

- If the entrance module emits an audible signal but the electric lock does not open, the problem is in the line between the module and the electric lock, or in the module control circuitry.
- If the entrance module does not open the electric lock and also fails to emit an audible signal, the door lock release command does not reach the module: the problem is on the apartment station side.

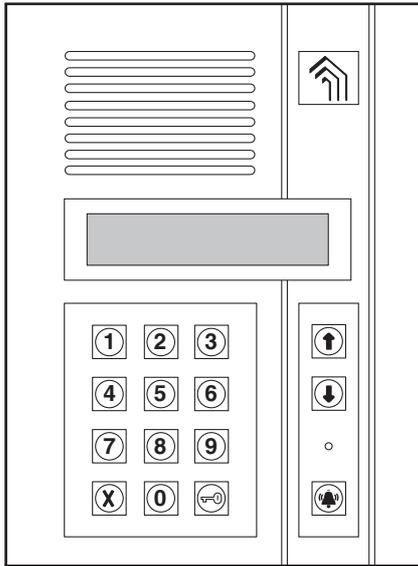
REPLACEMENT PROCEDURE

Replace the entrance module in the event of malfunction.

If a large number of door lock release codes have been programmed, the integrated circuit in which the codes are stored can be removed and installed in the new module.

- Turn off power supply to the old entrance module 1038/10.
- Take off the rear cover, pressing lightly on the side clips.
- Remove integrated circuit U3.
- Take the rear cover off the new module and replace integrated circuit U3, taking care to orient it in the right direction (i.e., aligning the locating lugs provided on the component body and on the socket).
- Reinstall cover.
- NOTICE:** After replacing the memory chip, the serial number of the new entrance module will automatically become that of the old module. Change the serial number shown on the rear label (7) by hand.
- Supply power to the new entrance module.

CALL MODULE WITH MULTI-LINGUAL ELECTRONIC DIRECTORY Ref. 1038/12



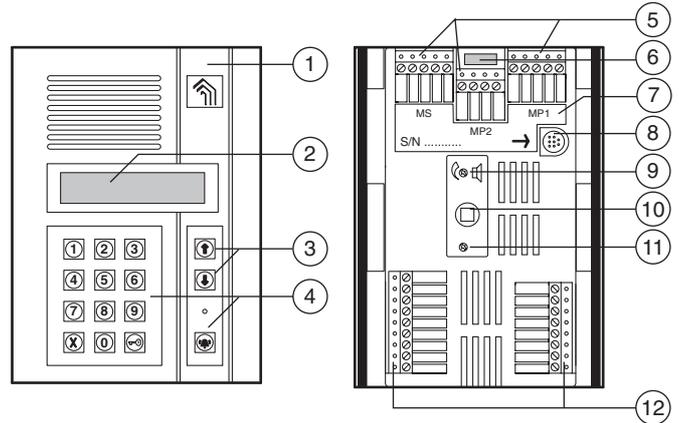
The Ref. 1038/12 Call Module is based on Kombi mechanics with 2 modules. Although it is not equipped with the embedding box and related module-holder frame (which can be bought separately), it is complete with anti-theft screw for security of installation.

CAPABILITIES

The Ref. 1038/12 Call Module with repertory provides the following capabilities:

- possibility of forwarding a house phone or video house phone call (in combination with the Ref. 825/70 TV camera unit);
- automatic management of house phone and video house phone traffic according to the number of voice lines available (1 or 2);
- selection, using scroll keys and a 2-line, 16-character back-lit alphanumeric display of the name to be called. Up to 740 separate names are available;
- direct selection, via keyboard, of an alphanumeric call code (in combination with the Ref. 1038/72 Additional Alphabetic keyboard). This means that up to 159999 separate call codes are available;
- possibility of managing up to 2 direct call keys (in combination with the Ref. 825/201 or 825/202 module) for calls to specific users or to a main entrance switchboard;
- up to 980 lock release codes divided into two categories: 240 codes independent of the names, for general use, plus another 740 codes associated to the individual names;
- up to 7999 codes for special services;
- impulse type lock release (free or with secrecy) with maintenance current for timed driving (from 1 to 30 seconds) of a low absorption electric lock;
- acoustic and visible signaling of driving of the electric lock;
- programmable call tone duration from 1 to 5 seconds;
- differentiated generation of the call tone, continuous tone in the case of main module, intermittent tone if a secondary module;
- 'call forwarded' and 'end of conversation' acoustic signals;
- adjustment of service and acoustic signal intensity;
- interface for door open sensor;
- possibility of programming the names using the Ref. 1038/56 programming Terminal; direct access to programming (for minor modifications) from the external keyboard without having to use the terminal;
- auto-insertion function without the need for dedicated wiring;
- provision for operation in 11 languages.

1 = Italian	4 = German	7 = Russian	10 = Portuguese
2 = French	5 = Spanish	8 = Dutch	11 = Polish
3 = English	6 = Hebrew	9 = Turkish	



The Call Module comprises:

- 1) Kombi line front panel on 2 modules.
- 2) 2-line, 16-character back-lit alphanumeric display.
- 3) Yellow back-lit name selection keys.
- 4) Numeric keyboard with green back-lit keys complete with yellow back-lit function keys: 'Cancel', 'Key' and 'Call'.
- 5) Extractable terminal strips for system connections (MP1, MP2, MS).
- 6) Connector for additional alphabetic keyboard (Ref. 1038/72).
- 7) Label with indication of the serial number (S/N) of the device.
- 8) Connector for programming using the Ref. 1038/56 Programming Terminal.
- 9) Adjustment of call module loudspeaker sound level.
- 10) Programming button to be used only in the case in which the password is not known.
- 11) Display Contrast Adjustment
- 12) Extractable terminal strips for local auxiliary services (MA) and video signal (MV).

DESCRIPTION OF THE TERMINALS

MP1 - Main terminal strip

- +V Power supply positive (+24V)
- 0V Power supply and data line ground
- D Data line
- FA1 Voice circuit 1 to conductor
- FB1 Voice circuit 1 return conductor

MP2 - Main terminal strip

- FA2 Voice circuit 2 to conductor
- FB2 Voice circuit 2 return conductor
- +F Voice circuit power supply positive (+33V)
- 0F Voice circuit ground

MS - Secondary terminal strip

- +V Power supply positive (+24V)
- 0V Power supply and data line ground.
- D Data line
- FA Voice circuit to conductor
- FB Voice circuit return conductor

MA - Auxiliary terminal strip

- SE- Electric lock driving output - negative
- SE+ Electric lock driving output - positive
- 0V Keys/contacts/buttons common
- T2 Input Key 2 for dedicated call
- T1 Input Key 1 for dedicated call
- SP Door sensor input
- H Lock release code inhibition contact input
- P Postman key contact input
- PH Main entrance locking button input

MV - Video terminal strip

+V	Ref. 1038/68 video relay box power supply
SC	Ref. 1038/68 video relay drive output - riser
SL	Ref. 1038/68 video relay drive output - local
S12	Ref. 1038/68 video relay drive output - channels 1 and 2
0V	Ref. 1038/68 video relay box ground
S1	Ref. 1032/9 video relay drive output for channel 1
S2	Ref. 1032/9 video relay drive output for channel 2
0V	Ref. 1032/9 relay devices ground

TECHNICAL DATA

Power take-off in unitary loads: **15 LU**

Logic circuits

Logic p.s. voltage (+V/0V): **15 ÷ 25.2 Vdc**
 Maximum current draw: **400 mA**

Voice circuits

Voice circuit p.s. voltage (+F/0F): **30 ÷ 36 Vdc**

Operating temperature: **-10 ÷ +50 °C**

FUNCTIONING**CALL FOR NAME SELECTION**

In normal functioning, the repertory displays the message inviting the user to select the name to be called:

Select NAME
with ↑ or ↓

Using the two scroll keys (3) it is possible to select the name to be called. At this point, simply press the Call key to send a call to the name selected. The following message is displayed:

CALL
MADE

NOTE: if the user simply presses the Call key when invited to select the name, a call will be forwarded to the main entrance switchboard.

Three confirmation beeps are emitted to indicate forwarding of the call. The buzzer of the indoor set called is activated for the time programmed (from 1 to 5 seconds) with a continuous tone (Main Call Module) or intermittent tone (Secondary Call Module).

The name selected is then redisplayed and remains visible for approximately 30 seconds during which the buzzer of the indoor set can be activated again simply pressing the Call key again.

When the indoor set replies, the following prompt is displayed:

PLEASE
SPEAK

During the conversation, any lock release command will be highlighted both audibly (3 beeps) and visibly with the following caption for 3 seconds:

DOOR
OPEN

At the end of the conversation, (or if no reply is received after approx. 30 seconds), the name selection message is redisplayed automatically accompanied by 3 beeps.

CODE FOR CALL COMPOSITION

The code entered on the keyboard of the Call Module (and optionally of the 1038/72 Additional Alphabetic Keyboard) is shown on the display. Pressing of each key is echoed by an audible signal:

CALL TO:
23

When the 'Call' key is pressed, the call is forwarded to the extension with the code entered. The buzzer of the indoor set called is activated for the time programmed (from 1 to 5 seconds) with a continuous tone (Main Call Module) or intermittent tone (Secondary Call Module). Three beeps confirm that the call has been forwarded. Subsequent pressing of the Call key extends the buzzer activation time.

When the 'X' cancellation key is pressed (in the case of an error during entry of the code), the number on the display is cleared.

During the call, any lock release command will be indicated both audibly (3 beeps) and visibly with the following caption for 3 seconds:

DOOR
OPEN

At the end of the conversation (or if no reply is received after approx. 30 seconds) the name selection message is redisplayed automatically accompanied by 3 beeps.

DIRECT CALLS

Two particular users can be called pressing the matching keys of the 825/202 Module if present. Any 1038/40 Main Entrance Switchboard can be called simply pressing the 'Call' key (without entering any code and without selecting a name) or alternatively one of the two 825/202 Module keys (if present and suitably programmed).

ADDITIONAL CODES AND FUNCTIONS

The Call Module with Repertory is able to manage three separate groups of codes:

- **call codes (1-JJJJ)**
Identify the house phone or video house phone indoor set called; during entry, codes consisting of less than four digits/letters must NEVER be preceded by zeroes (for example, enter "12A" and not "012A"). The call codes must always be terminated pressing the 'Call' key which activates forwarding of the code.

- **lock release codes (numeric ONLY:1-99999999)**
Permit direct opening of the door by residents or by authorized persons; these codes must always be preceded and followed by pressing of the 'Key' key. Initial pressing of the 'Key' key prevents display of the lock release code in which the digits are replaced with asterisks:

LOCK RELEASE CODE

The lock release codes can be inhibited in pre-established time bands using an external timed switch that operates on the 'H' and '0V' terminals.

- **special codes (1-JJJ)**
Can be used to activate/deactivate auxiliary services such as the stair lights, garden lights etc. Must always be preceded by a '0' (which prevents display of the codes) and followed by pressing of the 'Call' key:

SPECIAL CODE:
0***

These codes also make it possible to check the status of an input showing this on the display with the 'On' or 'OFF' caption; for example:

TERMINAL STATUS:
ON

For further information refer to the Ref. 1038/80 Special Decoding box User Manual.

NOTE: *In the case of an error during entry of any code, press the 'X' cancel key: the code shown on the display will be cleared.*

PROGRAMMING OF DECODING BOXES

The 1038/12 Call Module with Repertory can be used by the installation technician to program the decoding devices. For a description of the parameters and programming methods, refer to the decoding boxes User Manual.

In any case, if a parameter is programmed successfully, the display of the module will show:

Programming
OK

Otherwise, the following message is displayed:

Programming
KO

PROGRAMMING

PROGRAMMING METHODS

The Call Module with Repertory can be programmed in three different ways (in any case only when powered):

- 1) Programming using the Ref. 1038/56 Programming Terminal. This programming method is recommended as the display of the terminal facilitates the operations involved. The terminal may be connected:
 - locally on the programming connector (8) to the rear of the Call Module to be programmed.
 - on any other Call Module or Main Entrance Switchboard included in the system.
 - on any Passive Plug (Ref. 1038/90) connected in the system.
- 2) Locally via keyboard without having to open the frame of the Module. In this case, the configuration access password must be known.
- 3) Locally via keyboard opening first of all the frame of the Call Module to press the rear programming button (10).

PARAMETERS

The following parameters must be programmed:

A) The operating language

One of the listed languages can be selected in three consecutive screen forms.

- | | | | |
|-------------|-------------|-------------|-----------------|
| 1 = Italian | 4 = German | 7 = Russian | 10 = Portuguese |
| 2 = French | 5 = Spanish | 8 = Dutch | 11 = Polish |
| 3 = English | 6 = Hebrew | 9 = Turkish | |

B) Description of the installation site

This is a 15-character string that must be used to assign the Call Module a mnemonic name: e.g. 'Entrance V. Roma', 'Corso Venezia', 'Stair A', 'Stair B'. In actual fact, it is possible to insert up to 30 characters but, in the fast search phase, only the first 15 will be shown. It is advisable therefore to restrict the name to 15 characters and to use the remaining characters for any additional information.

C) 11 parameters to be configured

1) Type of Call station

It is possible to select between a Main Call station from which calls can be made to all indoor sets or to the main entrance switchboard and a Secondary call station from which calls can be made only to the indoor sets of the specific riser.

2) Call station code

Each call station, whether Main or Secondary, is identified by a code. The codes that can be assigned to a call station depend however on whether this is Main or Secondary.

- If Main, the code will be between '1' and 'JJJ';
- If Secondary, the code will be between '1' and 'JJ' and will indicate the riser to which it belongs.

3) Busy time

The busy time defines the minimum duration of a call (including the time that passes between forwarding of the call and reply by the user). To guarantee this minimum duration, the system may – in the case of several concurrent calls - set one or more call stations to 'Busy' status which is shown on the display with the following message:

LINES BUSY
Please wait

When a Call Module has been set to Busy status, it cannot be used to send calls (although it can be used to enter lock release codes).
The busy time may be 10, 20, 30 or 40 seconds.

4) Electric lock management

Opening of the electric lock from an indoor set may be 'Free' (FREE) or 'With Secrecy' ('SEC'): In the first case, the door can be opened at any time; in the second case, it can be opened only during the conversation.
The criteria according to which the various electric locks are managed is important for correct functioning of the system.

ALWAYS COMPLY SCRUPULOUSLY WITH THE INSTRUCTIONS GIVEN BELOW BECAUSE ONLY THE CONFIGURATIONS DESCRIBED ARE PERMITTED.

- In installations with a single main call station and no secondary call station, the call station can be configured either with FREE LOCK RELEASE OR LOCK RELEASE WITH SECRECY.
- In systems with several main call stations (in automatic switching), all the call modules must be programmed with LOCK RELEASE WITH SECRECY.
- In systems with at least one secondary call station, the main call station(s) must be programmed with LOCK RELEASE WITH SECRECY.
The secondary call station(s) can be programmed as required with FREE LOCK RELEASE OR LOCK RELEASE WITH SECRECY.
In the first case, after a call from the main station, activation of the lock release key on the indoor set called will cause opening of the lock connected to the main call station and of the lock connected to the secondary station on which that indoor set depends.
In the second case, following a call from the main station, activation of the lock release key on the indoor set called will cause opening of the lock connected to the main calling station only; a second call must then be made from the secondary station in order to open the lock connected to this.

- 5) **Door open time**
Indicates the time (in seconds) of duration of the electric lock maintenance current. **WARNING:** when locks that do not require latching current are used, **ALWAYS** set the lock release time to zero.
In the case of low absorption locks **ONLY**, the door open time can be set between 1 and 30 seconds.
- 6) **Duration of call ring**
Indicates the duration of the call ring on the indoor set. It is advisable to program the same value on all call stations. Permissible values (in seconds) range from 1 to 5.
- 7) **Number of voice lines**
The number of voice lines (including Main and Secondary) in the system must be specified.
Settable values are '1' and '2'.
- 8) **Buzzer Sound Level**
The intensity of the acoustic signals (key pressed, call forwarded, end of conversation beeps, etc.) can be adjusted to 3 possible levels: Minimum (Min), Medium (Med), Maximum (Max).
- 9) **Code associated to Key T1**
In the case of combination with a Ref. 825/201 or /202 module, the code associated to pressing of the first key must be specified.
If this key is to send a call to a specific Main Entrance Switchboard - both during the day and night but not when off - program the indoor set code of the Main Entrance Switchboard. If the key is to send a call to any switchboard present that is in 'day A' condition, program '0000'.
Programmable codes are between '0000' and 'JJJJ'.
- 10) **Code associated to Key T2**
This is the code associated to the second key of any Ref. 825/202 module.
Programmable codes range from '0000' to 'JJJJ'.
- 11) **Saving of the Configuration Access Password and (automatically) of the lock release code programming password.**
The password must be numeric **ONLY** and must consists of 4 digits.
The password programmed in this way can then be used to access module configuration without having to open the Kombi frame.
Programming of the configuration access password automatically enables a second password that can be used to program name and lock release codes. This second password is derived from the first with an increment of 1. If, for example, '1234' has been programmed, the name and lock release code programming password will be '1235'.
The installation technician can therefore reveal to others (system administrator, porter etc.) **ONLY** the name and lock release code programming password avoiding any risk of access also to configuration parameters.
The values that can be programmed range from 0001 to 9998.

PROGRAMMING USING THE Ref. 1038/56 TERMINAL

- Programming using the terminal must be carried out with the system on.
- Switch on the terminal holding down the 'ON' key for at least 3 seconds.
 - Insert the programming cable in the specific outlet (8) or - alternatively - on another call Module, Main Entrance Switchboard or Passive Plug. The terminal will be connected automatically to the data line and the following message will be shown on the display for 3 seconds:

Programming

and then:

Find:
<Serial Number>
<Type>
<Acquisition>

- Select the <Serial Number> option.
The following message is displayed:

Serial Number:
000000

Enter the serial number of the Call Module (given on the rear label (7) at the S/N item), and press ↵ key. The following message is displayed:

REP SN:uvwxyz

Road

At this point, the terminal is connected logically with the Call Module with Repertory (REP) with the selected serial number ('uvwxyz'). To indicate that the module is in Maintenance status, the display of the module will show:

MAINTENANCE
Please wait

NOTE: the module permits management of the electric lock also in 'Maintenance' status, both following entry of a lock release code and activation of the main entrance button or of the postman key contact.

- At this point, the following can be programmed: the description of the installation site, the 11 configuration parameters and the operating language divided into four pages:

(Page 1: Device recognized (REP) and its Serial Number, both non-modifiable; Description of the installation site)

REP SN:uvwxyz

Road

(Page 2: Type, Code, Busy, Lock Management)

Type: P Cod:001

Busy: 10 s
Lock Rel.: S-00 s

(Page 3: Call time, number of lines, Buzzer level)

```
Call:03 s
Lines: 1
Buzzer: 2
```

(Page 4: T1 and T2 key code assignment and Password)

```
Key 1:0000
Key2: 2:0000
Password: 9998
Language: English
```

- Program all the parameters using the alphanumeric keys, the ← and → keys to move, the ↵ key to confirm, the 'sp' key to switch between the pre-established options.
- Press the → (or ←) key several times to move to the following page:

```
<Names>
<Lock release>
<Program>
<Cancel><Exit>
```

- Position the cursor on 'Program' and press ↵. The terminal writes the data set in the memory of the Module and displays the result of the write operation.
- Move to the page with the <Exit> option, position the cursor on this and press ↵. At this point (and ONLY at this point), the Call Module will exit Maintenance status and return to normal operation.
- Disconnect the programming cable and switch off the terminal pressing the 'OFF' key for at least 3 seconds or if other call modules connected to the system are to be programmed, repeat the steps described above.

LOCAL PROGRAMMING VIA KEYBOARD

It is possible to access programming in 2 ways:

- a) **If the configuration access password is known** (the password is factory set to '9998 '), enter '00' followed by the 4-digit password and the 'Call' key. If the password is incorrect, the following message is displayed:

```
INCORRECT
PASSWORD
```

After the third unsuccessful attempt, entry of the password is blocked for a period of time that depends on the number of unsuccessful attempts:

Nr. of unsuccessful attempts	Delay before another password can be entered
1	-
2	-
3	-
4	1 minute
5	2 minutes
6	3 minutes
•	•
•	•
255	252 minutes (over 4 hours)

- b) **If the password is not known**, open the Kombi frame and press the rear red button (10).

After inserting the correct password - or after pressing the rear red button (10) - the following message is displayed for a few seconds:

```
v1.0B ↵ 23/03/99
N.S.uvwxyz
```

The first indication refers to the SOFTWARE version (in this case 1.0) and to the maximum number of programmable lock release codes: 240 (letter 'B' is displayed). These are followed by the date of the version and the serial number of the device (S/N) ('uvwxyz') coinciding with the serial number indicated on the rear label (this information makes it possible to check the serial number WITHOUT opening the Kombi frame). The main menu is then displayed:

```
<LANGUAGE><CONFIG>
<ID><TEST><ESC>
```

- a) Using the arrow keys, move the cursor to <LANGUAGE> and press the "bell" key to access the screen form used to select operating language. The first screen form is as follows:

```
<ITA> <FRA> <ENG>
<DEU> <ESP> <עברית>
```

Move the cursor to language selected and press the 'Call' key.

- b) To program the installation site description move the cursor to <ID> and press the 'Call' key The following is displayed:

```
<Esc><Del><End>A
```

Use the ↑ and ↓ keys to scroll the characters that can be entered. Press the 'Call' key to enter the character selected in the upper line of the display. Although up to 30 characters can be entered (starting from the time the 16th character is entered, the top line scrolls progressively to the left), it is advisable to restrict insertion to 15 because only 15 will be displayed in the search from Terminal.

Once entry has been completed, position the cursor in the reduced <Esc><End> menu. To do this, hold down the ↓ key until the cursor is positioned on the 'E' of <Esc>. To confirm insertion of the name, select the <End> item using the ↑ key and press the Call key.

- c) Moving the cursor to <CONFIG> and pressing the 'Call' key, programming of the 11 configuration parameters distributed in subsequent screen pages is accessed. In all the screen pages, the programming method is identical:

```
MODE TYPE:
<MAIN> <SECOND>
```

```
MODULE:CODE JJJ
JJJ
```

```
BUSY TIME:10s
<10><20><30><40>
```

LOCK RELEASE TYPES:

<FREE> <SEC>

DOOR OPEN T. 0s

<-> <+> <OK>

CALL T.:3s

<1><2><3><4><5>

VOICE LINES:1

<1> <2>

BUZZER MED.LEV

<MIN><MED><MAX>

KEY 1:0000

0000

KEY 2:0000

0000

PASSWORD: 9998

9998

- using the arrows, move the cursor to the option selected and then press the 'Call' key to confirm and move to the next screen page.
- In screen pages in which a code must be inserted, use the numeric keys (and alphabetic keys if the Ref. 1038/72 additional alphabetic keyboard is used). To correct any errors and restore the all data saved press the 'X' key. Once programming has been completed the main menu is redisplayed:

<LANGUAGE><CONFIG>

<ID><TEST><ESC>

To restore normal functioning, select <ESC> and confirm with the 'Call' key.

NOTE: *to interrupt programming at any time and return directly to normal functioning simply press the 'X' key for more than 3 seconds. In this case the data entered so far will remain however valid.*

ENTRY OF THE LOCK RELEASE CODES

The Call Module makes it possible to insert up to 240 lock release codes that are completely independent of the names, for general use. These codes must be numeric only and each consist of a number of digits that can be selected as required (between 1 and 8). Therefore the permitted range is 1 to 99999999.

METHODS OF INSERTION

The lock release codes can be inserted:

- 1) Using the Ref. 1038/56 Programming Terminal connected locally or at any other point of the installation.
- 2) Locally from keyboard. In this case, the password for programming of the names and lock release codes must be known (this is DIFFERENT from the configuration access password).

INSERTION USING THE 1038/56 TERMINAL

After establishing a logical connection with the call Module concerned (see description in 'PROGRAMMING WITH THE 1038/56 TERMINAL'), move to the following page:

```
<Names>
<Lock release>
<Program>
<Cancel><Exit>
```

- Select <Lock release> and press ↵. The first 3 lock release codes will be displayed:

```
Lockrel001:00000000
Lockrel002:00000000
Lockrel003:00000000
<P><S><OK><ESC>
```

- Enter the code(s) required and then, using the ← and → keys move to the <OK> command and press ↵.
- **WARNING: THE 3 CODES ARE EFFECTIVELY SAVED IN THE CALL MODULE ONLY FOLLOWING CONFIRMATION WITH THE <OK> COMMAND.** Saving is confirmed visibly.
- To access the three subsequent codes select the <S> command and press ↵. Alternatively, to access the three previous codes select <P> and press ↵.
- Once the codes have been programmed, select <ESC> and press ↵ and then the ← key to move to the previous page, select <Exit> and press ↵.
- Disconnect the programming cable and switch off the terminal pressing the 'OFF' key for at least 3 seconds or if the same lock release codes have to be programmed on another call module connected in the system repeat the steps described above.

NOTE: *to delete a lock release code, reprogram this to '00000000'.*

ENTRY VIA KEYBOARD

- Enter '00' followed by the 4-digit password (for programming of the names and lock release codes) and by the 'Call' key. If the password is incorrect, the following message is displayed:

```
INCORRECT
PASSWORD
```

After the third unsuccessful attempt, entry of the password is blocked for a period of time that depends on the number of unsuccessful attempts:

Nr. of unsuccessful attempts	Delay before another password can be entered
1	-
2	-
3	-
4	1 minute
5	2 minutes
6	3 minutes
•	•
•	•
255	252 minutes (over 4 hours)

Once the password has been entered correctly the display will show:

<Names>
<Lock release><Esc>

- Select <Lock release> and press 'Call'. The first page with the first two lock release codes will be displayed:

Lockrel001:00000000
Lockrel002:00000000

- Enter the lock release code and then confirm with the 'Call' key.
- Use the Arrows to check the codes already inserted and to move to the new codes.
- To exit the code entry phase and return to normal functioning press the 'X' key for at least 3 seconds.

NOTE 1: *instead of scrolling all the codes with the Arrow keys, it is possible to find the first free space holding down the 'Call' key for at least 3 seconds.*

NOTE 2: *to delete a lock release code, reprogram this to '00000000'.*

COMPLETE ERASURE

In some cases, it may be useful to delete all the lock release codes inserted (for example to reinstall the same device in another building). Complete erasure of the lock release codes is possible only using the keyboard:

- Enter '00' followed by the 4-digit password for access to the configuration (NOT that for lock release code management). The main menu is displayed:

<LANGUAGE><CONFIG>
<ID><TEST><ESC>

- On the keyboard press the 'Key' key and '5' at the same time. The display will show:

Erase ALL?
<Y> <N>

- Answering 'YES', all the Lock Release Codes and all the Names (see below) stored in the device will be deleted. Answering 'No', another two prompts will be displayed for confirmation of ONLY the Names or ONLY the Lock Release Codes:

Erase names?
<Y> <N>

Erase lock release?
<Y> <N>

- Answering 'No' to the first prompt and 'Yes' to the second, ONLY the Lock release Codes will be deleted.

NAME MANAGEMENT

It is possible to enter up to 740 names.

Each name includes the following information:

- name of the user (maximum 32 alphanumeric characters distributed on two 16-character lines);
- user code, alphanumeric (between '1' and 'JJJJ');
- lock release code, numeric only (between '1' and '99999999').

It is possible to proceed in such a way that several names (different from each other) correspond to the same call (in the case of several people living in the same apartment).

If the call code is to be displayed beside the name, simply save the call code also in the 32 characters dedicated to user name.

MANAGEMENT METHODS

Names can be managed:

- 1) Using a Personal Computer and the Ref. 1038/56 Programming terminal.
- 2) Using the Ref. 1038/56 Programming Terminal, connected locally or at any other point of the installation, mainly for modifications, cancellations and short entries
- 3) Locally, from keyboard, mainly for modifications, cancellations and short entries. In this case, the password for programming of the names and lock release codes must be known (this is DIFFERENT from the configuration access password).

MANAGEMENT USING PERSONAL COMPUTER AND 1038/56 TERMINAL

The best way to manage the names is to use the DVOICE Personal Computer programs specifically designed to simplify insertion and maintenance of the names of one or more sites. The DVOICE program can be downloaded free of charge from the Urmet Domus Internet site (<http://www.urmetdomus.com>).

The installation technician (or building administrator) may therefore proceed:

- to save the names of a site on his own PC;
- transfer the database of names from the PC to the 1038/56 Programming Terminal;
- inject the database of names in one or more Call Modules of the site (connecting the terminal at any point of the site).

The various operations are described in detail below.

Saving of the Database on the PC

Using the DVOICE program, create a new site on your PC and save the names of the residents together with any other relative information (such as for example the lock release codes). For further information, refer to the DVOICE program.

Transfer of the Database from PC to the 1038/56 Terminal

- Connect the programming Terminal to the selected serial port of the PC using the specific cable provided.
- set the DVOICE program to download the Database of the site on the Terminal.
- Switch on the terminal. The following message is displayed:

```
To program
connect cable
<Configur.>
<Database> <PC>
```

- Select <PC> and press ↵. The following message is displayed:

```
<PC-TP>
<TP-PC>
<Exit>
```

- Select the <PC-TP> item, press ↵ and answer YES to the subsequent confirmation prompt: transfer of the Database from PC to Terminal will start.
- On completion of transfer, return to the main page, switch off the terminal and disconnect the cable from the PC.

Checking and Modification of the Database

Once the names Database has been loaded on the terminal, it can be examined and modified. To do this, access the <Database> item from the main page and then select one of the possible options:

```
<Display>
<Insert>
<Modify>
<Cancel><Exit>
```

Transfer of the Database from the 1038/56 terminal to one or more 1038/12 Call Modules

- After establishing the logical connection with the Call Module concerned (see description in the 'PROGRAMMING USING THE 1038/56 TERMINAL paragraph'), go to the following page:

```
<Names>
<Lock release>
<Program>
<Cancel><Exit>
```

- Select <Names> and press ↵. The name Management menu is displayed:

```
<Insert>
<Modify>
<Cancel><Exit>
<REP-TP><TP-REP>
```

- Select <TP-REP>, press ↵ and answer YES to the subsequent confirmation prompt: transfer of the Database from the Terminal to the Module selected is started.
- Once transfer has been completed disconnect the cable and switch off the terminal pressing the 'OFF' key for at least 3 seconds, or if

the same database is to be programmed on another call module in the system repeat the steps described above.

NOTE: *in the case of a database with many names, transfer may take a number of minutes. A horizontal square bar will indicate state of completion.*

Transfer of a names Database from one Call Module to another (or to a PC)

To 'copy' the names from one call Module to another, use the Terminal. Establish a logical connection with the first Module (that from which the names are to be copied) and select first of all <Names> and then <REP-TP>: the names database will be copied on the terminal. At this point, it can be downloaded on another call module or, changing the cable of the Terminal, on PC.

MANAGEMENT USING THE 1038/56 TERMINAL

After establishing a logical connection with the Call Module concerned (see description in PROGRAMMING WITH THE 1038/56' TERMINAL), move to the page:

```
<Names>
<Lock release>
<Program>
<Cancel><Exit>
```

Select <Names> and press ↵. The name Management menu is displayed:

```
<Insert>
<Modify>
<Cancel><Exit>
<REP-TP><TP-REP>
```

Insertion of a name

Select <Insert>. The following message is displayed:

```
—
Code:0000
Lock rel.:00000000
```

Enter the Name, on a maximum of 2 lines of 16 characters each for a total of 32 characters and press ↵. Enter the call code (between '1' and 'JJJJ') and the lock release code associated to the name (numeric only, between 1 and 99999999). When the specific prompt is displayed, confirm. Continue in this way inserting all the names. At this point, press the <Esc> key to return to the Name Management menu.

Cancel/modify a name

Selecting <Cancel> or <Modify> from the name Management menu, the following prompt is displayed:

```
Select the
name with the
← and → keys
```

Scroll the names until that to be deleted/modified is shown.

WARNING: during scrolling, only the first 16 characters of each name are displayed. When the name concerned has been found, stop without pressing any key; after approx. 3 seconds, the remaining 16 characters of the name and the other parameters associated with these will be displayed.
To delete, press \downarrow and confirm. To modify, make the changes required then press \downarrow and confirm.

NOTE: When a name is deleted, any associated lock release code is automatically deleted together with the name.

MANAGEMENT VIA KEYBOARD

This type of programming can be used as an alternative method to that described above only for minor operations such as for example insertion, modification or deletion of a single name.
Enter '00' followed by the 4-digit password (for programming of the names and lock release code) and by the 'Call' key. If the password is incorrect, an error message will be output (for further details see the paragraph on insertion of lock release codes using the keyboard).
Once the correct password has been inserted, the display will show:

```
<Names>
<Lock release><Esc>
```

Select <Names> and press 'Call'. The Name Management menu will be displayed from which to access all the functions:

```
<ADD> <CAN>
<MODIFY> <ESC>
```

Insertion of a name

Selecting <ADD>, the following is displayed:

```
<Esc><Del><End>A
```

Use the \uparrow and \downarrow keys to scroll the characters that can be entered. Press the 'Call' key to enter the character selected in the upper line of the display; starting from the 16th character of the name, the upper line will be gradually shifted to the left. It is possible to insert up to 32 characters.

Once entry has been completed, position the cursor in the reduced <Esc><End> menu. To do this, hold down the \downarrow key until the cursor is positioned on the 'E' of <Esc>. To confirm insertion of the name, select the <End> item using the \uparrow key and press the Call key. Continue as described above to insert the call code (between '1' and 'JJJJ') and the lock release code associated to the name (numeric only, between 1 and 99999999):

```
Code:
<Esc><Del><End>0
```

```
Lock rel:00000000
<Esc><Del><End>
```

Any errors during entry can be corrected selecting the item, which deletes the last character inserted. Use <Esc> to abandon the operation without saving the data entered.

NOTE 1: If the name inserted is already present in the memory, an error message is output.

NOTE 2: If the code inserted is present in the memory, a confirmation is requested:

```
Code present
Confirm? <Y><N>
```

Cancel/modify a name

Selecting or <MODIFY> from the name Management menu, the following is displayed:

```
FIND NAME
WITH  $\uparrow$  OR  $\downarrow$ 
```

Using the \uparrow or \downarrow keys, scroll the names present until that to be deleted or modified is reached. Press the 'Call' key and delete the name (after confirmation) or modify this (proceeding as described above for insertion).

NOTE 1: If a name is deleted, any associated lock release code is automatically deleted together with the name.

COMPLETE ERASURE

In some cases, it may be useful to delete all the lock release codes inserted (for example to reinstall the same device in another building). Complete erasure of the lock release codes is possible only using the keyboard.

From Terminal

- After establishing a logical connection with the call Module concerned (see description in 'PROGRAMMING WITH THE 1038/56 TERMINAL'), move to the following page:

```
<Names>
<Lock release>
<Program>
<Cancel><Exit>
```

- Select <Names> and press \downarrow . The name Management menu is displayed:

```
<Insert>
<Modify>
<Cancel><Exit>
<REP-TP><TP-REP>
```

- Press \leftarrow key for 3 seconds. The following prompt is displayed:

```
Cancel
entire
repertory?
<No> <Yes>
```

where 'entire' means however deletion of the Names ONLY (and not of Lock release Codes). Selecting 'YES' and confirming with the \downarrow key all the Names will be deleted.

From keyboard

- Enter '00' followed by the 4-digit password for configuration access (NOT the name management password). The main menu is displayed:

<LANGUAGE><CONFIG>
<ID><TEST><ESC>

- On the keyboard, press the 'Key' and '5' keys at the same time. The display will show:

Erase ALL?
<Y> <N>

- Answering 'YES', all the Names and all the Lock Release Codes stored in the device will be deleted. Answering 'No', another two prompts will be displayed for confirmation of ONLY the Names or ONLY the Lock Release Codes:

Erase names?
<Y> <N>

Erase lock rel?
<Y> <N>

- Answering 'YES' to the first prompt, ONLY the Names will be deleted.

INSTALLATION

WARNING: for wiring and the maximum permissible distances, follow the instructions given in the 'Integrated Systems Technical Manual'.

The Call Module must be installed on Kombi frame (not provided). The anti-theft screw provided must be used instead of the normal screw furnished with the Kombi frame in order to guarantee installation security.

When the Call Module is combined with the Ref. 1038/72 additional Alphabetic Keyboard, this must be positioned BELOW (or at the most to THE SIDE) of the 1038/12 Call Module.

For example of modular installation see the section headed "outdoor station on Kombi entrance panel – installation".

SOUND LEVEL ADJUSTMENT

The sound level towards the indoor set called is factory set and does not require adjustment.

The sound level towards the outside is factory set to a medium value. To modify this, use a screwdriver on adjustment (9).

DISPLAY CONTRAST ADJUSTMENT

Display contrast is factory set to an optimal level. It can however be modified using a screwdriver on the related adjustment (11).

ERROR CODES

Various types of error codes are put on the display.

ERRORS DURING NORMAL OPERATION

Call to a non-existent user:

ERROR
NON EXISTENT

Call from a secondary call module to a user of another riser:

RISER
ERROR

At least one key is jammed:

KEYBOARD
JAMMED

Door lock release code incorrect or disabled:

LOCK REL.
NON-EXIST

ERRORS DURING INSTALLATION/PROGRAMMING

No signal on data line (terminal 'D' not connected or signal missing):

DATA LINE
ERROR

Insertion of an incorrect Password:

PASSWORD
INCORRECT

Attempt to insert a name already present in the memory:

ERROR
NAME PRESENT

Attempt to insert a name with the memory full:

ERROR
MEMORY FULL

Attempt to modify or delete a name with the memory empty:

ERROR
MEMORY EMPTY

SELF TEST

Configuration memory not present:

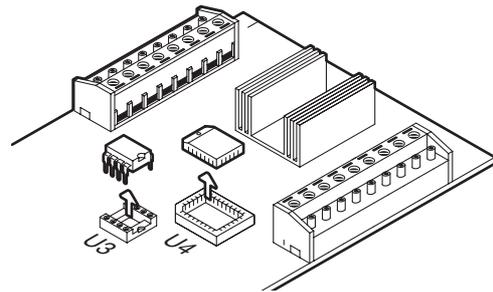
**ERROR
EPROM MISSING**

Configuration memory fault:

**ERROR
EPROM**

Name memory fault:

**ERROR
FLASH**



The name memory can be replaced in the same way.

- Cut off the power to the old 1038/12 Call Module;
- Remove the rear cover applying a light pressure on the side hooks;
- Remove the U3 and U4 integrated circuit;
- Remove the rear cover of the new module; replace the U3 integrated circuit paying particular attention to the direction of insertion (notch on the body of the component and on the socket); replace integrated circuit U4, taking care to orient it correctly on installation (chamfered corner of U4 towards U3).
- Re-place the rear cover;
- **WARNING:** after replacing the memory, the serial number of the new call Module automatically becomes that of the old Module: remember to modify the indications on the rear label (7) by hand.
- Power on the new Call Module.

TROUBLESHOOTING AND REPLACEMENT

DISPLAY

In the case of problems with the display, check first of all that contrast is correctly set, using the rear adjustment (11).

A further check can also be carried out accessing – by entering the configuration password or pressing the rear key – the main menu:

**<LANG.><CONFIG>
<ID><TEST><ESC>**

Select <TEST> and press the 'Call' key. Check that the control figure is displayed:



At this point, the matching character is displayed for each key pressed. Press the 'Call' key, to return to the previous menu and then select <ESC> to restore normal functioning.

ELECTRIC LOCK

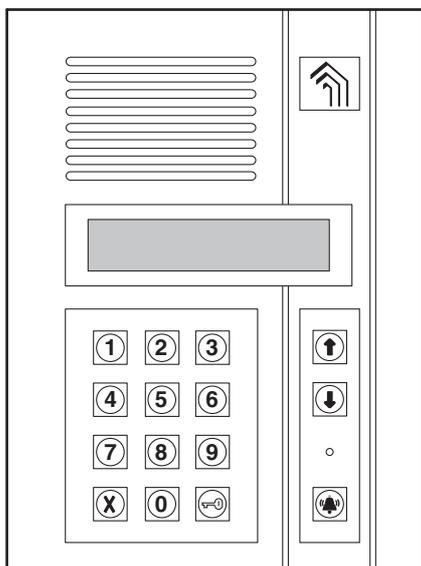
In the case in which the electric lock fails to open, the cause can be quickly traced:

- if the module emits a beep and the electric lock does not open, the fault is in the section from the module to the electric lock or in the module drive circuitry.
- if the module not only fails to open the electric lock but does not even emit a beep, this means that the lock release command is not received from the module: the fault is located on the indoor set side.

REPLACEMENT PROCEDURE

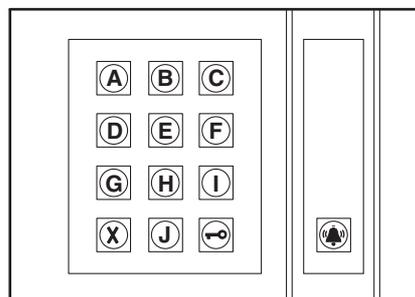
In the case of a fault in the module, replace the entire module. If many lock release codes have been programmed, it is possible to remove the integrated circuit on which the codes are stored and to re-insert this in the new module.

ENTRANCE MODULE WITH ELECTRONIC DIRECTORY Ref. 1038/15



The Ref. 1038/15 call module differs from the Ref. 1038/12 only by number of languages supported. The Ref. 1038/15 has only 5 languages: Italian, French, English, German, Spanish.

ADDITIONAL ALPHABETIC KEYPAD Ref. 1038/72



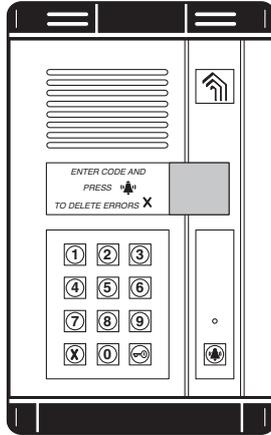
The additional alphabetic keypad Ref. 1038/72 makes it possible to enter letters of the alphabet when using call codes and special codes. The keypad can only be used in combination with a Ref. 1038/10 or Ref. 1038/12-/15 entrance panel, to which it is connected by means of the cable supplied together with the unit.

The additional alphanumeric keypad must be placed **BELOW** (or if this is not possible, **ALONGSIDE**) entrance module 1038/10 or 1038/12-/15.

SPECIFICATIONS

Consumption in load units:	3 LU
Logic circuits	
Supply voltage:	15 to 25.2 V DC
Service temperature range:	- 10 to 50 °C

OUTDOOR STATIONS ON KOMBI ENTRANCE PANELS



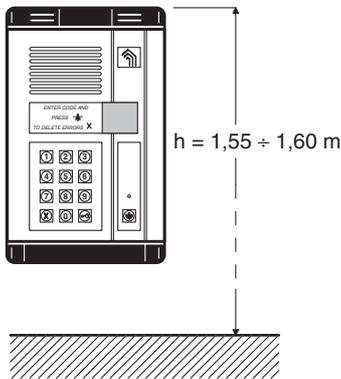
INSTALLATION

FLUSH MOUNTING VERSION

Entrance modules Ref. 1038/10-/12 or /15 can be used alone or in combination with door camera module Ref. 825/70 and/or the additional alphabetic keypad Ref. 1038/72.

Examples of modular installation using two-, three- or four-module chassis units and the associated flush mounting back boxes are shown on the following pages.

Modules with provision for speaker units should be used. Install modules in wall, positioning them flush with wall surface and at a height of approximately 1.55 ÷ 1.60 m from floor.



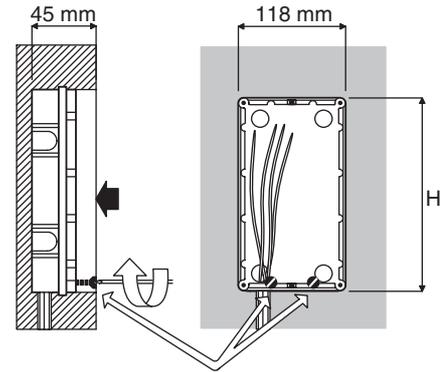
Important

To ensure that the entrance module display is clearly legible, the module should not be installed in positions where it could be illuminated from behind. In addition, it must under no circumstances face directly towards the sun, Road lamps or other sources of intense light.

The flush mounting back box must be installed level with the wall surface, and must not protrude. If the back box is set too far back in the wall, install the two screws in the holes provided on the bottom of the box and turn screws until their heads are flush with the wall surface. This will prevent the bottom end cap of the module chassis from being damaged during subsequent installation. See Figure 1.

After installing the flush mounting back box, secure the entrance module, tightening screws on bottom end cap (Figure 2) followed by screws on top end cap (Figure 3).

Fig. 1



H= 204 mm for embedding box for 2 modules.
H= 294 mm for embedding box for 3 modules.
H= 384 mm for embedding box for 4 modules.

Fig. 2

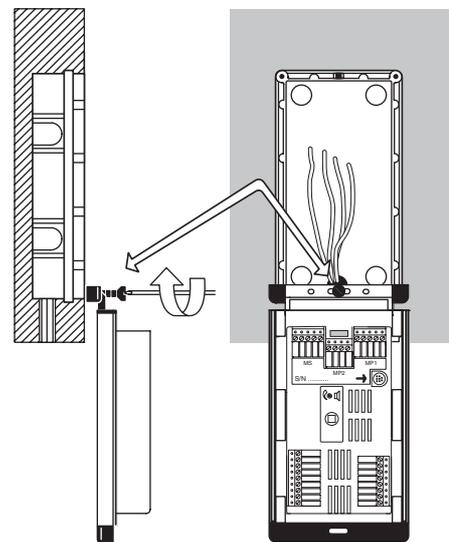
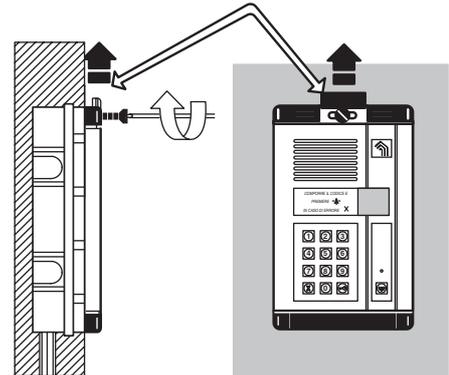
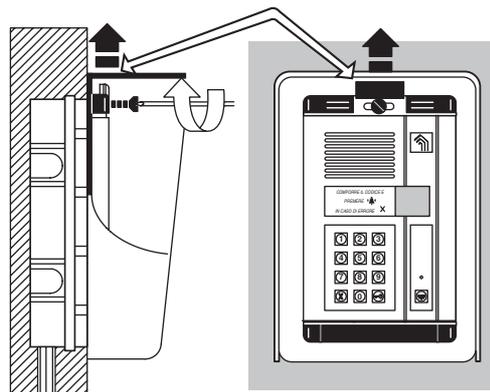
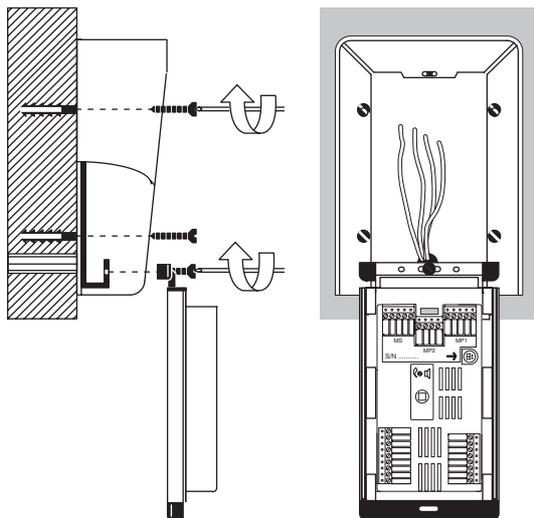


Fig. 3



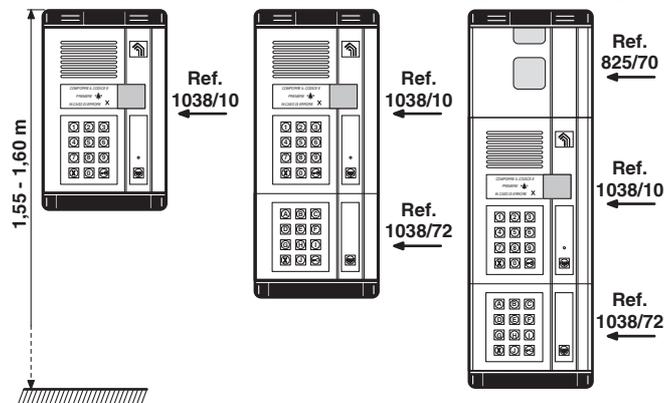
WALL SURFACE MOUNTING VERSION WITH HOODED HOUSING Ref. 825/52

Entrance module housing is supplied together with frame and module chassis.
 Secure the hood to the wall using three screws and the associated wall plugs.
 Conductors must be routed through the opening provided at the bottom of the housing and end cap.
 Install the frame between the housing and the module chassis and tighten screws on bottom end cap.
 Swing the module upwards and secure the top end cap to the housing.



EXAMPLES OF MODULAR INSTALLATION

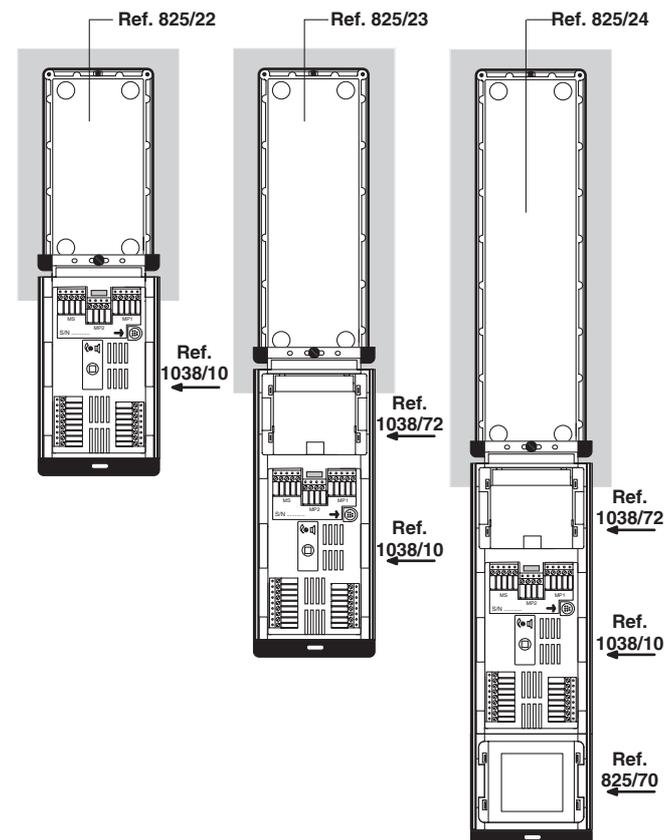
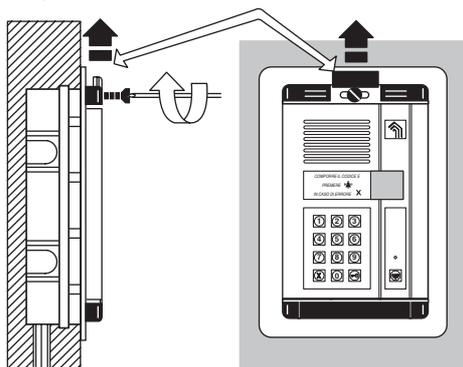
Recommended entrance module installations are illustrated below.



INSTALLATION OF ACCESSORIES

FLUSH MOUNTING VERSION WITH PERIMETER FRAME Ref. 825/32

After installing the flush mounting back box in the wall, position the perimeter frame and secure by tightening screws on module chassis bottom end cap.



FLUSH MOUNTING VERSION WITH PROTECTIVE RAIN HOOD Ref. 825/42

After installing the flush mounting back box in the wall, position the protective rain hood and secure by tightening screws on module chassis bottom end cap.
 To prevent distortion and compensate for the thickness of the rain hood, install the two special screws at the bottom of the flush mounting back box and turn screws until the chassis end cap protrudes approximately 2 mm from wall surface.
 Tighten the screw retaining the chassis top end cap to the flush mounting back box to secure the rain hood.

	Sec.	Pag.
KOMBI CALL MODULE		
<hr/>		
ENTRANCE MODULE Ref. 1038/10		
<hr/>		
FEATURES	2c	3
Terminal designations	2c	3
SPECIFICATIONS	2c	4
OPERATION	2c	4
Calls with code entry	2c	4
Direct calls	2c	4
Additional codes and functions	2c	4
Decoder programming	2c	4
PROGRAMMING	2c	5
Programming methods	2c	5
Parameters	2c	5
Programming with terminal 1038/56	2c	6
Local programming from keypad	2c	6
DOOR LOCK RELEASE CODE ENTRY	2c	7
CODE ENTRY METHODS	2c	7
Code entry with terminal 1038/56	2c	7
Code entry from keypad	2c	7
INSTALLATION	2c	8
Speaker volume adjustment	2c	8
ERROR CODES	2c	8
TROUBLESHOOTING AND REPLACEMENT	2c	8
Electric lock	2c	8
Replacement procedure	2c	8
<hr/>		
CALL MODULE WITH MULTI-LINGUAL ELECTRONIC DIRECTORY Ref. 1038/12		
<hr/>		
CAPABILITIES	2c	9
Description of the terminals	2c	9
TECHNICAL DATA	2c	10
FUNCTIONING	2c	10
Call for name selection	2c	10
Code for call composition	2c	10
Direct calls	2c	10
Additional codes and functions	2c	10
Programming of decoding boxes	2c	11
PROGRAMMING	2c	11
Programming methods	2c	11
Parameters	2c	11
Programming using the Ref. 1038/56 Terminal	2c	12
Local programming via keyboard	2c	13
ENTRY OF THE LOCK RELEASE CODES	2c	14
METHODS OF INSERTION	2c	14
Insertion using the 1038/56 terminal	2c	14
Entry via keyboard	2c	14
Complete erasure	2c	15
NAME MANAGEMENT	2c	15
MANAGEMENT METHODS	2c	15
Management using personal computer and 1038/56 terminal	2c	15
Management using the 1038/56 terminal	2c	16
Management via keyboard	2c	17
Complete erasure	2c	17
INSTALLATION	2c	18
Sound level adjustment	2c	18
Display contrast adjustment	2c	18
ERROR CODES	2c	18
TROUBLESHOOTING AND REPLACEMENT	2c	19
Display	2c	19
Electric lock	2c	19
Replacement procedure	2c	19
<hr/>		
ENTRANCE MODULE WITH ELECTRONIC DIRECTORY Ref. 1038/15	2c	20

ADDITIONAL ALPHABETIC KEYPAD Ref. 1038/72

SPECIFICATIONS.....	2c	20
---------------------	----------	-----------

OUTDOOR STATIONS ON KOMBI ENTRANCE PANELS

INSTALLATION.....	2c	21
Flush mounting version	2c	21
Wall surface mounting version with hooded housing Ref. 825/52.....	2c	22
INSTALLATION OF ACCESSORIES	2c	22
Flush mounting version with perimeter frame Ref. 825/32.....	2c	22
Flush mounting version with protective rain hood Ref. 825/42.....	2c	22
Examples of modular installation.....	2c	22