Art. 13F4, 13F7
Unità Due Fili audio con tastiera - Unità Due Fili colori con tastiera
keypad audio Due Fili unit / keypad colour Due Fili unit

ELVOX
VIMAR group

ITALIANO

Il manuale istruzioni è scaricabile dal sito **www.vimar.com**

ENGLISH

The instruction manual is downloadable from the site **www.vimar.com**

Indice

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REGOLE D'INSTALLAZIONE

L'installazione deve essere effettuata con l'osservanza delle disposizioni regolanti l'installazione del materiale elettrico in vigore nel paese dove i prodotti sono installati.

CONFORMITÀ NORMATIVA.
Direttiva EMC.
Norme EN 61000-6-1, EN 61000-6-3.

INFORMAZIONE AGLI UTENTI AI SENSI DELLA DIRETTIVA 2002/96 (RAEE)

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INSTALLATION RULES

Installation should be carried out observing current installation regulations for electrical systems in the country where the products are installed.

CONFORMITY
EMC directive
Standards EN 61000-6-1, EN 61000-6-3.

USER INFORMATION IN COMPLIANCE WITH EUROPEAN DIRECTIVE 2002/96 (RAEE).

In order to avoid damage to the environment and human health as well as any administrative sanctions, any appliance marked with this symbol must be disposed of separately from municipal waste, that is it must be reconsigned to the dealer upon purchase of a new one. Appliances marked with the crossed out wheelie bin symbol must be collected in accordance with the instructions issued by the local authorities responsible for waste disposal.

IT EN

Description

Electronic units 13F4 (audio) and 13F7 (video) can be used only in Due Fili Plus systems.

They are equipped with an alphanumeric keypad and the video version has a camera with a white LED lighting unit.

Electronic units 13F4 and 13F7 can be used as replacements in systems equipped with electronic units art. 12F4, 12F7. For entrance panels 89F4, 89F7 the spare part is functional, not mechanical. Electronic units 13F4 and 13F7 can also be used in conjunction with traditional push-buttons. Up to two additional button modules can be connected on single wire, art. 12TS, or one additional button module on 2-wire, art. 12TD.

Technical characteristics

- 1/4" CCD sensor (13F7)
- Minimum illumination 1.0 lux (13F7)
- Power via terminals B1, B2.
- Power via terminals Ext+, Ext- if the electronic unit needs to be powered via an additional power supply.
- Video signal output 16 dBm
- Current draw in standby 120 mA
- Current draw during communication 320 mA
- Current draw during communication and lock activation 470 mA
- Minimum voltage 24 V d.c. measured at terminals B1, B2
- Lens adjustable by hand, vertically and horizontally (13F7)
- Operating temperature: -10 °C / +55°C.

Electronic units 13F4 and 13F7 are suitable for both VERTICAL BUS and HORIZONTAL BUS installation. The default configuration is VERTICAL INSTALLATION and features management of up to 200 users. The HORIZONTAL INSTALLATION configuration features electronic units that fully manage up to 1000 users each.

NOTE: The values indicated in square brackets refer to the "HORIZONTAL INSTALLATION" configuration.
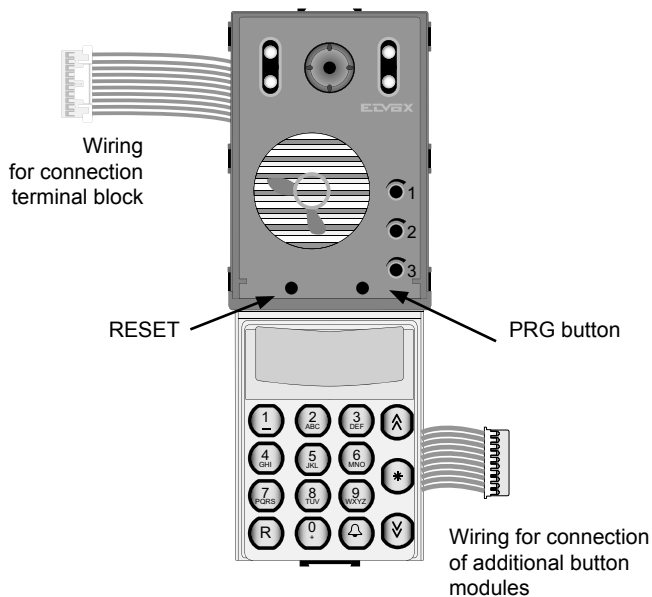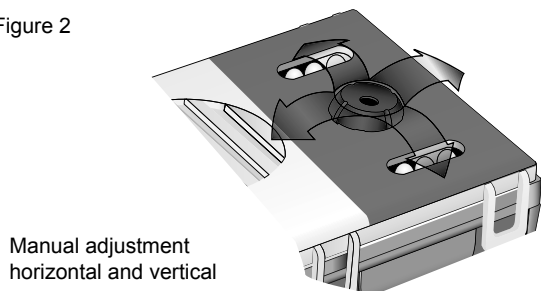
Electronic unit

Figure 1

Wiring for connection terminal block

RESET   PRG button

Wiring for connection of additional button modules

Figure 2

Manual adjustment horizontal and vertical

Terminal block

CN1) Connector for electronic unit.
CN2) Connector for programmer art. 950C or interface art. 692I/U or art. 692I.
B2) Bus (cable riser).
B1) Bus (cable riser).
EXT+) External power supply (+ art. 6923).
EXT-) External power supply (- art. 6923).
VLED) LED power supply for additional modules.
X) Video input (coaxial core) for external camera (13F4).
M) Video input (coaxial sheath) for external camera (13F4).
PA) Input for door open sensor (with reference to terminal M).
CA) Door open command (with reference to terminal M).
M) Ground.
S+) Lock output 12Vdc (+) (see note below).
S-) Lock output 12Vdc (-) (see note below).
+12V) Output +12V (max 120 mA) with current limiter.
-L) External camera pilot, open collector output (13F4).
SR) Relay-operated lock pilot, open collector output.
F2) Relay-operated F2 function pilot, open collector output.
F1) Relay-operated F1 function pilot, open collector output.
M) Ground.
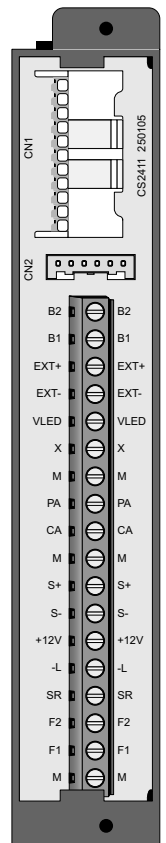
Figure 3

Note: S+/S- outputs. The entrance panel supplies a current peak of $I_T > 1A$ for 10 ms, followed by a holding current of $I_M = 200$ mA for the entire duration of the lock command (see lock time).

Connection of a CCTV type external camera to an audio electronic unit

To connect an external CCTV camera to an audio electronic unit (13F4), the electronic unit must be configured as if it were intended for video entryphone use. This type of configuration is accomplished by removing the SA jumper. To perform the operation, raise the alphanumeric keypad (see figure 4), remove the SA jumper, then reinstate the alphanumeric keypad. Connect the camera as indicated in diagram SI367).

Figure 6

Figure 4

Figure 5

TP M SA
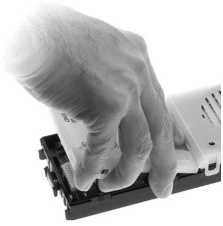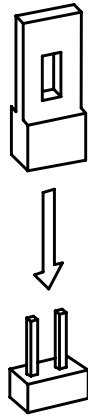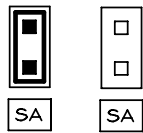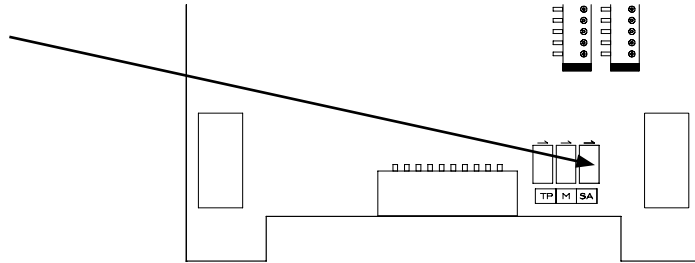
Jumper position		
SA	connected	configuration as audio electronic unit (13F4)
	disconnected	the video configuration allows connection of a CCTV type external camera to the audio electronic unit

table 1

Switching on the electronic unit

Each time the electronic unit is switched on, the display shows the animation of the Due Fili Plus logo. To skip it, press any key on the numeric keypad. At the end a picture shows the main FW version, release date and whether it is working as a Vertical or Horizontal Installation (V and H respectively).

```
 13F7V        13F7H
 07/02/14     07/02/14
 SW 007       SW 007
```

You can now press the ⌃ and ⌄ buttons simultaneously to enter the factory configuration initialization procedure. Keep them pressed until confirmation on the display.

Factory initialization procedures

```
For EEPROM reset
88008739

Enter digits + ♪
88008739

*=Other
88008739
```

The number on the second line will be different each time. Key in the number displayed and then press the 🔔 button. You can now:

Completely delete all the stored information and then return the current configuration to the factory default. This procedure takes time.	000=Format
Takes the current configuration to the factory default.	111=Default
Checks the congruence of the internal structures (*Test*) and corrects them if there is any error (*Fix*).	222=Test,333=Fix
Extracts the current configuration and some of those after formatting. You need special software for your PC.	444=Dump

Note: Except for 111, all these procedures are to be carried out only when directed by Customer Service.
Note: The entire procedure for entering the 8 digits and selecting the function must be completed within 20 s of starting, with no timeout renewal.

After clearing the memory, the electronic unit restarts and reverts automatically to at-rest status.

Other settings

Press button ✱. The only current item is:

```
Packet Monitor
YES

0=NO, 1=YES, ⌃&R
YES
```

Enabling is essential in order to use the SW on PC SaveProg / EVCom. Press 1 for YES and 0 for NO. To exit programming mode, press R.
Default: Yes

Switching on the first time

When the electronic unit is turned on for the first time, the first configuration procedure starts automatically which consists in the prompt to specify some basic parameters. The procedure is highlighted by this picture:

You can now run a subset of the configurations of the electronic unit, those that most determine the operating characteristics or that are necessary for other reasons.

	PARAMETER	PARAGRAPH
Program. 13F7+OK 21/02/14 V 7.51		
Message Language English	Language	1.0
Date Format Th 27/02/2014	Date and Time format	4.10
Clock 27/02/14 23:20	Date and time	5.0
Installation Vertical Bus	Installation	1.2
Panel ID 1	Electronic unit ID	1.1

The first switch-on procedure ends due to timeout (30 s) or by explicitly exiting with ✱. At the next restart it will no longer be automatically presented. To invoke it again, press the RESET button and then keep the PRG button pressed down until the first switch-on procedure is invoked.

Indoor unit ID codes

An unambiguous ID code can be attributed to each indoor unit. The encoding is performed by the MASTER electronic unit that may be the electronic unit with ID = 1 in the case of Vertical installation or Horizontal installation that on a Vertical bus has been remapped in the corresponding 69RS as the vertical Master. During this procedure the MASTER electronic unit communicates with the appliance being configured, and if this is a video entryphone appliance, the display will also light up.

Configuration procedure:
- Enter the ID code number assignment procedure, as indicated in the instructions for the indoor unit to be coded.
- When the indoor unit enters ID assignment, the display of the electronic unit acting as Master shows the following message (the figure shows the case of a Vertical Installation):

```
000 => ___
PROGRAMMING DEV.

000 => ___
CONFIRM WITH ♪

000 => ___
R KEY TO QUIT
```

- There are two areas on the first line. The area on the left indicates the current code of the device being programmed and the one on the right indicates the code to be assigned to the device. If the value of the left-hand area is composed only of 0 digits, the device currently has no code allocated.
- Enter the code to be allocated to the appliance. The code can be made up of 3 digits (1...200) for Vertical Installation or 5 digits for Horizontal Installation.
- You can correct the digits entered by continuing to type in others.
- Press R to cancel programming, or press 🔔 to confirm the value entered.
- On confirming the value, the electronic unit will check that the code has not already been allocated to another device.

```
000 => 1__
Please wait...
```

- There can be three cases:

ID already exists	CODE PRESENT
Unique ID already assigned	CODE ASSIGNED
Unique ID not assigned	NOT FOUND

The procedure applies both to the main ID and to a secondary one. In the latter case, the ID to be entered is that of the main one (or master) to which you want to link the indoor unit being assigned the ID. The range of available values in this case is limited to 1..50 since the electronic unit automatically calculates the secondary ID to be associated with it and finds one that is available. If you enter an ID greater than 50:

VALID ID 1-50

- Repeat the procedure for all indoor units.
During programming, a timeout of 25 seconds is available in which to allocate the code to a device, otherwise the electronic unit automatically exits the procedure.
 Note: The ID can only be assigned if the configuration in paragraph 1.8 is set to *Sequential*.

Automatic ID assignment

1) Type in R + 6

2) Enter the current password (default 6 5 4 3 2 1), confirm with ⌂.
3) Indicate the ID number from which to start the allocation process.
4) Run the ID assignment procedure for the indoor unit within 5 minutes (for the procedure please refer to the product's instructions).
5) The electronic unit communicates with the indoor unit being programmed and assigns the ID chosen in point 3).
6) The electronic unit automatically makes a call to the indoor unit that has just been encoded. You can answer or let it end.
7) Repeat the procedure from step 4) onwards, to complete the automatic ID number allocation for other devices. The new ID will be increased by 1.

Note: the timeout setting is approximately 5 minutes, renewable at the end of each operation.
Note: the programming will lock up if there is an indoor unit in the system already having an associated ID number located internally of the allocation window. For example, if ID = 5 is typed into the electronic unit and there are indoor units that have already been allocated an ID number lower than 5, there will be no problem running the automatic procedure. Should there be an indoor unit in the system that has previously been allocated the number ID = 9, the programming function will allocate 5, 6, 7, 8, and then lock up, due to the fact that 9 already exists and therefore cannot be allocated. To continue with automatic allocation, the user must correct the sequence manually, in this instance at step 3) of the procedure, by entering the number ID = 10.
Note: The maximum number of secondary IDs for each primary ID that can be configured with the procedure described here is 3. **IMPORTANT**: First encode the secondary IDs, then the relevant master.
Note: In the event that a secondary ID number is already in use (for example the first secondary number of ID = 1 happens to be 51 and 51 has already been allocated, the unit will be allocated the first secondary ID available.

Call

On alphanumeric electronic units, there are 4 ways of dialling a user and sending a call:
- Numeric dial.
- Alphanumeric dial.
- Direct dial.
- Traditional buttons.

Numeric dialling

Dial the call code of the desired extension using buttons 0 to 9. Press R to cancel the operation or ⌂ to call. When dialling, if 0 is active for selection of the "Lock code" (paragraph 1.9), do not utilize 0 as the first button. If the code called is associated with a name in the contacts list, the first associated name (a) will be displayed while the call is being made.

Note: The concierge switchboards are associated with the numbering from 201 (40001) onwards. For ease of use you can select them directly with buttons ∧ and ∨ (paragraphs 2.0 and 2.1) or the traditional buttons, configuring them as described in section 4.2.

Alphanumeric selection (if there is at least one name in the contacts list)

Press button *. Enter all or the first few letters of the name to be found. To enter characters/symbols, use buttons 0 to 9. Each button has more than one character/symbol associated with it (see table 3).

Button	Symbol (IT-EN-FR-DE-ES-PT)	Symbol (EL)
1	<space>1@.,:;?!()<>	Space 1@.,:;?!()<>
2 ABC	ABC2abcÁÀÃÂÄÆÇČĆáàãâåäæçč	ΑΒΓ2ΆABCabc
3 DEF	DEF3defÉÈÊĚĘďéèêě	ΔEZ3ΈEDEFdef
4 GHI	GHI4ghiÍÌíì	HΘI4ΉΊΪGHIghi
5 JKL	JKL5jklŁ	ΚΛΜ5JKLjkl
6 MNO	MNO6mnoÑñÓÒÔÕÖØóòôõöø	ΝΞΟ6ΌOMNOmno
7 PQRS	PQRS7pqrsŘŠřšßŚ	ΠΡΣ7PQRSpqrs
8 TUV	TUV8tuvÚÙÜÛúùüû	ΤΥΦ8ΎYΫTUVtuv
9 WXYZ	WXYZ9wxyzÝŽŹŻýž	ΧΨΩ9ΏWXYZwxyz
0 *	0_$&*#+-=/%"'	0_$&*#+-=/%"'

Table 3

To find the desired symbol, press the button repeatedly before the end of the 2 s timeout, which is renewed with each press of the button.

If the symbol entered previously was an upper case character, even if the button is changed, the function will restart with upper case. If the symbol was lower case, the function will restart with lower case. If the symbol was a digit, the function will restart with a digit. To enter a character / symbol located on a different button from the one previously pressed, it is not necessary to wait for the end of the timeout.

Use the ∧ and ∨ buttons to start the name search.
If the name entered forms part of the name being searched for, the electronic unit will display the first name that meets the search criteria; use the ∧ and ∨ buttons to scroll back and forth through the list.

Having found the name, press the ⌂ button to send a call. Press the R button to cancel the operation.

Direct dialling

Pressing one of the two ∧ ∨ buttons, a call can be made directly to two different numbers. This is possible only if the two buttons have been encoded as described in paragraphs 2.0 and 2.1.

Traditional buttons

Up to two 12TS button modules or one 12TD button module can be connected for calls directed to a specific user. The associated buttons are subject to the configurations described in paragraphs 1.5, 1.6, 1.7, 4.2 and 4.3.

Note: In whatever way a call has been started, you can cancel it by pres-

sing the (R) button, or make a new one directly by keying in the new code and confirming with (♪). You can also press one of the additional buttons but in this case the entrance panel must have completed the chime cycles, paragraph 4.1.

Engaged - Please Wait message

When the display shows:

```
        BUSY
```

the electronic unit is disabled for making calls, because another call is in progress from an electronic unit located on the same bus. If during the message you try to make a call, the electronic unit will emit a long warning tone.

Mute chimes function (on indoor unit)

If a call is made to an indoor unit with the "chimes muted" function active, the electronic unit will generate a beep through the loudspeaker and display the message:

```
  DO NOT DISTURB
```

indicating that a call cannot currently be made to the user.

Self-start

If the self-start function is activated from an indoor unit, the electronic unit will display the message:

```
   SELF-START
```

If a call is made in this situation, the effect will be to **cancel the self-start procedure**.

Door lock release from an entrance panel

The lock of an electronic unit can be operated if at least one of the possible 1000 codes, from 1 to 8 digits, is known beforehand. Before entering the code digits, the preset access code must be entered, as described under heading 1.4, default (R) + (1).

```
----------
TYPE IN LOCKCODE
```

In the meantime, the display shows the active buttons:

```
----------
CONFIRM WITH ♪
```

```
----------
R KEY TO QUIT
```

Enter all code digits:

```
********
TYPE IN LOCKCODE
```

Pressing (♪), the system checks whether or not the code already exists. If it does, the local lock is activated. In the event of error, there is no warning.

If a mistake is made when entering data, press (R) and start again.

Opening F1 from entrance panel

Proceed as in the previous case, but the access code is (R) + (2 ABC) and is not configurable.

Opening F2 from entrance panel

Proceed as in the previous case, but the access code is (R) + (3 DEF) and is not configurable.

Note: The procedures described above are possible only with the entrance

panel at rest, i.e. no calls, self-starting, or configurations in progress. Some codes can be employed only during certain time bands. See paragraph 5.1.

Volume adjustment

YOU can adjust the external, internal, balance and chimes volume, during a conversation and with no need to access the internal settings of the entrance panel. The adjustments can be made only after enabling the function, as described below.

- Press buttons (R) + (5 JKL).
- When the following messages are displayed in alternation :

```
--------
TYPE IN PASSWORD
```

```
--------
CONFIRM WITH ♪
```

```
--------
R KEY TO QUIT
```
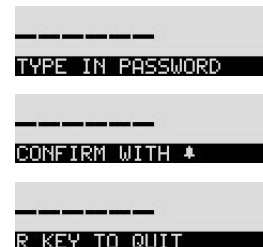
enter the parameter programming password; the default password is (6 MNO) (5 JKL) (4 GHI) (3 DEF) (2 ABC) (1).

- Every time a button is pressed there will be a short "beep", an asterisk "*" appears on the display, and there are a further 25 seconds (timeout) in which to press the next button. If the timeout is allowed to elapse without pressing any button, the electronic unit will exit programming mode.

After entering the password, press the (♪) button to activate the function. If the password is correct, the electronic unit will briefly display the message:

```
Volume  adjustment
   mode   active
```
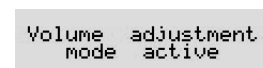
When the next call is made, the following messages appear cyclically on the display:

```
████
∀♪ ADJUST RINGTONE
```

```
████
CONFIRM WITH ♪
```
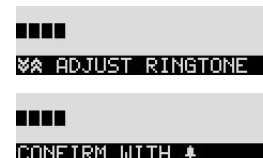
When you answer, the following messages appear cyclically on the display:

```
████████
∀♪ ADJUST EXT.VOLUME
```

```
████████
∀♪ ADJUST INT.VOLUME
```

```
████████
∀♪ ADJUST BALANCE
```
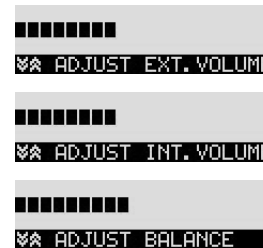
If an indoor unit self-starts to this selfsame entrance panel you get to adjust the external volume directly. Use the (∧) (∨) buttons to raise or lower the chosen level. To save the chosen level, press (♪). When the configuration is saved the display will show:

```
████████
Done!
```

Pressing the (*) button cycles through the adjustments of all the other levels.

At the end of the conversation, which is terminated by replacing the handset or when the conversation timeout elapses or if the (R) button of the electronic unit is pressed, the volume control function is cancelled.

Parameter configuration

Changes are made connecting one electronic unit at a time.
In systems with several electronic units, one unit must be identified as a **MASTER** and the other units as **SLAVE** units, regardless of model or type (alphanumeric, buttons, landing). All entrance panels are supplied with the electronic unit set as **MASTER** (ID = 1).

Procedure for accessing parameter configuration mode

You have to start with the electronic unit in a state of rest: there must be no calls in progress, no self-starting or anything similar.

Press buttons (R) + (4 GHI). Release the buttons.

Key in the password, by default (6 MNO)(5 JKL)(4 GHI)(3 DEF)(2 ABC)(1 _). Every time a button is pressed there will be a short "beep", an asterisk "*" appears on the display, and there are a further 25 s in which to press the next button. If you let the timeout elapse, the electronic unit will return to rest.

After entering the password, press the (🔔) button. If the password is correct, the electronic unit goes into parameter configuration mode. If the password is wrong, the electronic unit exits the procedure and reverts to at-rest status. The operation must be repeated.

Note: The information that appears in square brackets refers to the case of active Horizontal Installation, paragraph 1.2.

Parameter default settings

	Parameter	Default		Parameter	Default
1.0	Message language	Italian	3.5	Door Open send time	Disabled
1.1	Entrance panel ID	1	3.6	External volume	3
1.2	Installation	Vertical Bus	3.7	Internal volume	3
1.3	Initial ID (+)	1	3.8	Balancing	8
1.4	Final ID (+)	1000	3.9	Chime Volume	0
1.5	First button ID	1	3.10	Lock interlock	No
1.6	Button remapping	HW	3.11	Enabling	Direct enabled, Common disabled
1.7	Single buttons	Yes	4.0	Entrance panel chime	Yes
1.8	No. coding digits	Sequential coding	4.1	No. chime cycles	2
1.9	Lock code	R+1	4.2	Switchboard pb	Not assigned
2.0	Preferential code	Not assigned	4.3	Button Audio call	Not assigned
2.1	Preferential code	Not assigned	4.4	Com. lock	Not assigned
2.2	Lock codes	Not assigned	4.5	F1 common	Not assigned
2.3	F1 codes	Not assigned	4.6	F2 common	Not assigned
2.4	F2 codes	Not assigned	4.7	Disable SB search (*)	Yes
2.5	No. Dev. (-)	Not assigned	4.8	Disable self-start (*)	No
2.6	Search all contacts	No	4.9	Seq. Self-start (*)	Not assigned
2.7	Contacts Name	Not assigned	4.10	Date and Time format	01/01/2014 00:00
2.8	Program Password	654321	5.0	Clock	01/01/13 00:00
2.9	Answer time	30 s	5.1	Enable timed codes	No
3.0	Conversation time	120s	5.2	First Time Call	0
3.1	Self-start time	10 s	5.3	Last Time Call	0
3.2	Lock time	1 s	5.4	Band	Not assigned
3.3	Function 1 Time	1 s	5.5	Device (°)	
3.4	Function 2 Time	1 s	5.6	Button (°)	

Notes: **(*) configurable only with MASTER or horizontal electronic unit, (°) only in the vertical configuration, (+) only in the horizontal configuration, (-) only if No. Coding Digits is not** Sequential.
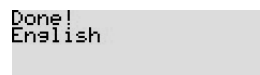
table 2

The following sections describe the possible configurations of the electronic units using the keypad and display. For all of them, to confirm the change in configuration, the first line of the display shows:

```
Done!
English
```

In the event of parameter error, the display shows a situation similar to this:

```
Out of Range
99
```

You can go to the next setting by pressing the ⌄ button, to the previous one with ⌃. Exceptions are those settings that regard the indoor units (for example, the contacts list) or that refer to a number of sub-configurations (for example, time slots). For these, with ⌃ you go to the indoor unit or to the next sub-configuration, to reach the end of the previous setting. With the (R) button you skip straight to the previous setting. Settings that behave in this way are highlighted by the (R) symbol next to the title.

The (✱) button is used to cancel the change in progress or to return the electronic unit to rest if there are no pending changes.

1.0 - Message language

Indicates the language used for displaying messages both during normal use (*user* messages) and for the configuration of the electronic unit (*technical* messages). To change the set language, press the number on the keypad corresponding to the required language as indicated in the table or use the arrow keys.

BUTTON	0	1	2 ABC	3 DEF	4 GHI	5 JKL	6 MNO
LANGUAGE	Italian	English	French	German	Spanish	Portuguese	Greek

Press (🔔) to confirm the change. The confirmation message will be displayed in the new language.
Default: Italian

1.1 - Entrance panel ID

Identifies the electronic unit with a code between 1 and 15 [1 and 36]. If the value is 1, the electronic unit is set as **MASTER**, if the value is between 2 and 15 [2 and 36], the electronic unit is set as **SLAVE**.

Enter the identification code using buttons (0) to (9 WXYZ). Press (🔔) to confirm the change. Confirming the change, the electronic unit checks the availability of the code. If there is another electronic unit connected with the same code in the system, the display will show a message such as this:

```
Panel ID   2
 already used
```

and it is necessary to enter another code.

Pressing 0 will "***disable***" the electronic unit temporarily.

Default: 1

Note: Do not use ID 15 in the case of a downstream Vertical installation of a 69RS.

1.2 - Installation

You choose the installation mode for the electronic unit: (0) for Vertical Installation or (1) for Horizontal Installation.

Default: Vertical

Note: Exiting the configuration and returning the electronic unit to rest forces sorting the contacts list.

Note: When going from Horizontal to Vertical installation congruence with other existing settings is checked. If there are any of them that in the Vertical configuration are no longer valid, the electronic unit will show this with a message regardless of the language and with a numerical code:

```
H2V CODE 32
♠=ADJUST, ✱=QUIT
```
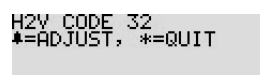
To confirm the move from Horizontal to Vertical, that in this case involves automatic deletion of incompatible settings, depress the (🔔) button. With (✱) you cancel the procedure, leaving the electronic unit in Horizontal mode and without losing the settings.

1.3 - Initial ID

This item appears only if the Horizontal configuration has been selected in step 1.2. It is necessary to indicate the first

Sidebar (left):

1.0
Message language
⌄ ⌃

1.1
Entrance panel ID
⌄ ⌃

1.2
Installation
⌄ ⌃

1.3
Initial ID
⌄ ⌃

**1.4
Final ID**

**1.5
First button ID**

**1.6
Remap. Button 1**

**1.7
Single Buttons**

**1.8
No. Coding Digits**

**1.9
Lock code**

ID in the range of the (video) door entry units for which some configurations can be made in the electronic unit. They are: remapping in the event of non-sequential numbering, contacts list, enabling use of the lock / F1 / F2, self-starting.

Default: 1

1.4 - Final ID

This is the same thing as paragraph 1.3 except that it refers to the last ID in the same range.

Default: 1000

Note: The breadth of the resulting window must be less than or equal to 1000. If it is not, the electronic unit will automatically correct the error, taking it to a maximum value of 1000, and it will warn the user to check the other end in order to be sure of the automatically corrected value and if necessary modify it to better suit your needs.

```
Check other ID
 3000
```

1.5 - First button ID

Configuration relating to additional button modules 12TS and 12TD (if installed). Using the numeric keys, indicate which ID must correspond to the first button (the one at top right) of the first additional module installed and confirm with ⌂. The following buttons will correspond to consecutive increasing IDs.

Default: 1

1.6 - Button remapping ⓡ

Configuration relating to additional button modules 12TS and 12TD (if installed). You can change the associated code individually for each of the 8 possible buttons that the electronic unit manages. The number shown at the top right of the display is independent of the setting described in paragraph 1.5.

Choose the number of the button to be remapped, with the arrows or by typing in a number from 1 to 8 and confirming with ⌂, or directly by pressing one of the buttons of the additional modules installed. To change the associated number, depress ⌂ and type in the value of the remapping, confirming with ⌂.

Default: 0, no remapping

Note: If the settings of paragraphs 1.5 and 1.6 are simultaneously present, Button Remapping takes priority.

1.7 - Single buttons

If you use modules Art. 12TS, activate mode ① = Single buttons. Using Art. 12TD, activate ⓪ = Double buttons.

Default: Single Buttons.

1.8 - Number of coding digits

Sets the type of encoding for calls to indoor units.

- **Sequential coding, 3 [5] digits**, indoor units are numbered with codes between 1 and 200 [6400]. In this configuration, a 0 in front of the other digits is irrelevant.
- **4 digit coding**, in this configuration, codes can be from 1 to 4 digits. Valid only for Vertical installation.
- **8 digit coding**, in this configuration, codes can be from 1 to 8 digits.

Button ①	Sequential coding 3 [5] digits	Indoor unit numbering from 1 to 200 [6400]
Button ②	4-digit coding (only for Vertical installation)	Indoor unit numbering from 1 to 9999
Button ③	8-digit coding	Indoor unit numbering from 1 to 99999999

Note: The **4-digit and 8-digit coding** parameters activate **DEVICE NUMBERING**, paragraph 2.5. It is mandatory to fill in DEVICE NUMBERING at least for those indoor units that you want to be enabled for calling. An ID without remapping cannot be called by this electronic unit, unless you have configured either a traditional button or one of ⌃ and ⌄.

Note: Where 4 or 8 digit numbering is selected, 0 digits on the left are significant. For example, 14, 014 and 0014 are three distinct numbers.

Default: Sequential

1.9 - Lock code

Sets the buttons needed to enter the lock release procedure directly with the keypad of the electronic unit. Linked with this there is the LOCK KEY programming of paragraph 2.2.

BUTTON	PROCEDURE START CODE	NOTE
①	⓪	This type of selection is not recommended when the call codes may require 0 as the first selected digit.

2.0
Preferential code ⌃

2.1
Preferential code ⌄

2.2
Lock code

2.3
F1 codes

2.4
F2 codes

2.5
Device number

② ABC	® + ①	
③ DEF	🔔	

Default: ® + ①

2.0 - Preferential code ⌃

Associates the ⌃ button with a code for calling an indoor unit or the concierge switchboard, with no need to know the name or number, without needing to key it in and without confirming it with 🔔. The call code to enter is independent of the value set in the NUMBER OF ENCODING DIGITS parameter described in paragraph 1.8. The physical ID must always be entered, not the value that may have been remapped.

Enter the call code, complete with all digits, using buttons ⓪ to ⑨ WXYZ. Use the ® button to cancel the last digit entered. Press 🔔 to confirm the change. Numbers 201 to 204 [40001...40008] are the janitor switchboard numbers. To cancel programming enter ⓪ as the ID.
Default: blank

2.1 - Preferential code ⌄

As for the previous point but referred to ⌄.

2.2 - Lock passwords ®

UP to 1000 different codes can be recorded, comprising 8 digits maximum, to release the lock directly from the keypad of the entrance panel. Use the ⌃ ⌄ buttons to select one of the 1000 passwords. Alternatively, enter the number of the password and press 🔔 to select. Having located the required password, press the 🔔 button to change the value. Enter the code to record (up to 8 digits). Use the ® button to cancel the last digit entered. Press 🔔 to confirm the change.
Default: blank

Note: There is no relationship between the number of passwords and the maximum breadth of the ID range in the case of Horizontal installation. There are always 1000 passwords, also in the case of Vertical installation.

The activation time is set with LOCK TIME, paragraph 3.2. The function is not subject to enabling as described in paragraph 3.9.

2.3 - F1 passwords ®

As in paragraph 2.2, but referred to the output F1 and the times of paragraph 3.3.

2.4 - F2 passwords ®

As in paragraph 2.2, but referred to the output F2 and the times of paragraph 3.4.

2.5 - Device numbering ®

The procedure is only active if the numbering is not sequential, paragraph 1.8. A call code of up to 8 digits must be associated with each indoor unit. The mapping function associates the physical code from 1 to 200 [or the index in a range of 1000 codes] of each indoor unit with the call code that needs to be keyed in.

For Vertical Installation the first number shown is always 1. In the case of Horizontal Installation it has the same value as the Initial ID, paragraph 1.3. For example, if 3000 applies:

```
Device No.  3000
```

Use the ⌃ ⌄ buttons or the numeric keypad + 🔔 to select one of the codes. Having located the required code, press the 🔔 button to change the value. Enter the code to be recorded, press the 🔔 button to confirm the change. To cancel the last digit entered, press ®.

If the call code has already been allocated, the electronic unit will display a message similar to this one:

```
Code    103001
in use by 3001
```

To cancel an existing code, select the code in question, press 🔔 to enable changes, enter one ⓪ and press 🔔.

To cancel all the associations, next to any code press ⓪, and when this message is displayed:

2.6
Search all Contacts

2.7
Contacts name

2.8
Password

`1=Reset Numbers`

press ① and 🔔 to confirm.

After confirming the operation, wait for completion of the cancellation process.

Default: no association.

Note: You can use the codes from 201 to 204 [from INITIAL ID + 1000 to INITIAL ID + 1007, from 1001 to 1008 by default], for the concierge switchboards.

A code without remapping cannot be called by this electronic unit, unless you have configured either a traditional button or one of ⋀ and ⋁.

2.6 - Search the entire contacts list

With this item, the electronic unit can be configured to scroll through the entire contacts list by entering a blank name as the search string. Normally, at least the first letter of the name to be searched should be entered With the FLAG selected, press ✱ then ⋀ or ⋁ to see respectively the first and last names in the contacts list, whatever the initial letter.

The ⋀ and ⋁ buttons can then be used to scroll through the entire contacts list. To enable the setting, press ① and confirm with 🔔. To deactivate the function, press ⓪ and 🔔.

In the case of Horizontal Installation other codes that change the function are possible. They are:

BUTTON	SEARCH THE ENTIRE CONTACTS LIST...
②	NO, and with the keypad calls are allowed only if there is a corresponding name in the contacts list.
③	YES, and with the keypad calls are allowed only if there is a corresponding name in the contacts list.
④	NO, and with the keypad calls are allowed only if the ID is within the start-end range.
⑤	YES, and with the keypad calls are allowed only if the ID is within the start-end range.

Default: No

2.7 - Device names Ⓡ

The electronic units have an electronic contacts list for 200 [1000] users. Each user can be assigned two names (a and b) of 16 characters each.

Use the ⋀ ⋁ buttons or key in the number + 🔔 to select one of the 200 [1000] users.

Each user is matched with two names (**a** and **b**), to be selected with buttons ⋀ ⋁. Having located the required line, press the 🔔 button to change the value. Once change mode is activated, the blinking cursor will show where to enter the character.

To enter characters / symbols, use buttons ⓪ to ⑨. Each button has more than one character/symbol associated with it (see table 3). To find the desired symbol, press the button repeatedly before the end of the 2 second timeout, which is renewed with each press of the button. If the symbol entered previously was an upper case character, even if the button is changed, the function will restart with upper case. If the symbol was lower case, the function will restart with lower case. If the symbol was a digit, the function will restart with a digit. To enter a character / symbol located on a different button from the one previously pressed, it is not necessary to wait for the end of the timeout.

When entering symbols, the ⋀ and ⋁ buttons can be used to scroll along the line, and the Ⓡ button to delete the character to the left of the cursor. Press 🔔 to confirm the change. After confirmation, the electronic unit will check whether or not the name entered is already used in another position. If it is already used the display will show a message similar to this:

`JOHN DOE`
` in use by  3001`

and it will be necessary to enter another name. When searching for uniqueness, uppercase and lowercase letters are distinct. Whereas when searching for a call there is no distinction.

Note: You can use the codes from 201 to 204 [from INITIAL ID + 1000 to INITIAL ID + 1007, from 1001 to 1008 by default], for the concierge switchboards.

Default: blank.

2.8 - Programming password

Sets the password for access to configuration from keypad. Enter the new password using buttons ⓪ to ⑨. Press

2.9
Answer time

∨ ∧

3.0
Conversation time

∨ ∧

3.1
Self-start time

∨ ∧

3.2
Lock time

∨ ∧

3.3
Function 1 Time

∨ ∧

3.4
Function 2 Time

∨ ∧

3.5
D.O. Send Time

∨ ∧

3.6
External volume

∨ ∧

3.7
Internal volume

∨ ∧

🔔 to confirm the change.
Default: 654321

2.9 - Answer time

This is the interval of time, expressed in seconds, that the electronic unit waits from the end of the call signal until there is an answer from the indoor unit. If there is no response within the "answer time", the electronic unit ends the call. If the indoor unit answers before the set interval elapses, the electronic starts to count the conversation time.

Enter the new time with buttons 0 to 9. Press 🔔 to confirm the change.
Default: 30 s, minimum value 1 s, maximum value 255 s.

3.0 - Call time

This is the interval of time, expressed in seconds, that the electronic unit monitors from the moment that a call is answered by the indoor unit. Once the interval has elapsed, the electronic unit ends the call. Enter the new time with buttons 0 to 9 (in steps of 10 s). Press 🔔 to confirm the change.
Default: 120 s, minimum value 10 s, maximum value 2550 s.

3.1 - Self-start time

This is the time, in seconds, of the duration of the self-start function. Once the interval has elapsed, the electronic unit disconnects the indoor unit. Enter the new time with buttons 0 to 9. Press 🔔 to confirm the change.
Default: 10 s, minimum value 1 s, maximum value 255 s.

3.2 - Lock time

Activation time of the lock connected between terminals S+ / S- and +12V / SR.

Enter the new time with buttons 0 to 9. Press 🔔 to confirm the change.
Default = 1 s, minimum value 0 s corresponding to lock always off, maximum value 255 s.

3.3 - Function 1 time

Activation time of the device connected between terminals +12V / F1. Enter the new time with buttons 0 to 9. For the minimum value of 0.5 seconds. enter 0. Press 🔔 to confirm the change.
Default = 1 s.

3.4 - Function 2 time

Activation time of the device connected between terminals +12V / F2. Enter the new time with buttons 0 to 9. For the minimum value of 0.5 seconds. enter 0. Press 🔔 to confirm the change.
Default = 1 s.

3.5 - D.O. (door open) send time

Normally an entrance panel sends over the bus a notification of the D.O. (Door Open) input status only when it changes. The Master entrance panel sends the global status (*at least one door is open* or *all the doors are closed*) only when it changes. In some situations it is desirable for this to be done periodically.   Using buttons 0 to 9 enter the send time in minutes. 0 to disable. Press 🔔 to confirm the change.
Default = disabled, 1' minimum, 90' maximum

3.6 - External volume

THIS is the voice volume of the speaker attached to the electronic unit, which can be adjusted through 8 steps. Press 🔔 to enable changes to the volume setting. Press the ∧ ∨ buttons to increase or reduce the volume. Press 🔔 to confirm the change.
Default = 3

3.7 - Internal volume

THIS is the volume of the speaker fitted to the electronic unit, which can be adjusted through 8 steps. Press 🔔 to enable changes to the volume setting. Press the ∧ and ∨ buttons to increase or reduce the volume. Press 🔔 to confirm the change.
Default = 3

3.8
Balancing

⌄ ∧

3.9
Chime volume

⌄ ∧

3.10
Lock interlock

⌄ ∧

3.11
Enable-inhibit settings

⌄ ∧

3.8 - Balance

THIS adjusts the audio compensation on 16 levels between the input channel and output channel (in order to eliminate any possible Larsen effect). Press 🔔 to enable changes to the volume setting. Press the ∧ and ⌄ buttons to increase or reduce the volume. Press 🔔 to confirm the change.
Default = 8

3.9 - Chimes volume

THIS is the volume of the chimes attached to the electronic unit, which can be adjusted through 4 steps. Press 🔔 to enable changes to the volume setting. Press the ∧ and ⌄ buttons to increase or reduce the volume. Press 🔔 to confirm the change.
Default = 0

3.10 - Lock interlock

Activation of the lock interlock enables operation of the lock only when the electronic unit is in call, conversation or self-start status.

Press 1 to activate the interlock; press 0 to deactivate the interlock. Press 🔔 to confirm the change.
Default = No

3.11 - Enabling R

ONE or more electronic units can be configured in such a way as to inhibit or enable lock release, F1 and F2 control signals received from indoor units. Letter **D** is used to indicate the disabled status of Direct control signals transmitted to the electronic unit. Letter C is used to indicate the enabled status of indirect control signals, i.e. activated at the same time as others, for example the lock release of a different electronic unit (see lock / F1 / F2 **C**ommon, paragraphs 4.4, 4.5, 4.6).

Use buttons ∧ and ⌄ or the numeric keypad to select the identifier of the indoor unit to which to apply the enabling and confirm with 🔔. Once found, enter changes with 🔔. Using buttons 1 to 6 enable the controls, see Table 8.

BUTTON	ACTION
1	Direct lock
2 ABC	F1 direct
3 DEF	F2 direct
4 GHI	Common Lock
5 JKL	F1 common
6 MNO	F2 common

Table 8

It is possible to set enabling and disabling simultaneously for all the indoor units, for one or more outputs. The procedure is described below, but you should use the configuration software for a PC.

For the first digit to choose the indoor unit press 0. The display will show the confirmation request.

1=Reset(Dis.)En.

The numeric keys now have the following meaning:

BUTTON	DISPLAY	DIRECT ACTION	COMMON ACTION
0	1=Reset(Dis.)En. NO	Nothing changes	Nothing changes
1	1=Reset(Dis.)En. D 0->D1F1F2	Sets to default the DIRECT enabling of lock, F1, F2, ie **enables** all	Sets to default the COMMON enabling of lock, F1, F2, ie **disables** all
2 ABC	1=Reset(Dis.)En. D 0->D1	Sets to default the DIRECT enabling of the lock, ie **enables** them	Sets to default the COMMON enabling of the lock, ie **disables** them
3 DEF	1=Reset(Dis.)En. D 0-> F1	Sets to default the DIRECT enabling of F1, ie **enables** them	Sets to default the COMMON enabling of F1, ie **disables** them

BUTTON	DISPLAY	DIRECT ACTION	COMMON ACTION
4 GHI	1=Reset(Dis.)En. D 0-> F2	Sets to default the DIRECT enabling of F2, ie **enables** them	Sets to default the COMMON enabling of F2, ie **disables** them
5 JKL	1=Reset(Dis.)En. D 1->D1F1F2	Removes from default the DIRECT enabling of lock, F1, F2, ie **disables** all	Removes from default the COMMON enabling of lock, F1, F2, ie **enables** all
6 MNO	1=Reset(Dis.)En. D 1->D1	Removes from default the DIRECT enabling of lock, ie **disables** them	Removes from default the COMMON enabling of lock, ie **enables** them
7 PQRS	1=Reset(Dis.)En. D 1-> F1	Removes from default the DIRECT enabling of F1, ie **disables** them	Removes from default the COMMON enabling of F1, ie **enables** them
8 TUV	1=Reset(Dis.)En. D 1-> F2	Removes from default the DIRECT enabling of F2, ie **disables** them	Removes from default the COMMON enabling of F2, ie **enables** them
9 WXYZ	1=Reset(Dis.)En. C 1-> F2	Switches to **C**ommon. The first letter of the second line becomes **C**.	Switches to **D**irect. The first letter of the second line becomes **D**.

Default = direct commands enabled, indirect commands disabled

4.0 - Entrance panel chime repetition

Enables repetition of the chime in the speaker of the electronic unit. Press ①⁻ to activate the chime; press ⓪ to deactivate it. Press 🔔 to confirm the change.
Default = Yes

4.1 - Number of chime cycles

Following the transmission of a call, the electronic unit (see paragraph 4.0) and the indoor units emit a certain number of chime cycles that can be selected with this setting. A chime cycle lasts for a total of 3 s (1 s chime, 2 s pause). Enter the number of cycles with buttons ⓪₊ to ⑨WXYZ. Press the 🔔 button to confirm.
Default = 2

4.2 - Consumer unit button ⓡ

For each of the 4 [8] configurable consumer units, you can choose a traditional button that makes a direct call to it. Use the ∧ and ∨ buttons to choose the number of the consumer unit. Then key in the number of the button or ⓪ to cancel the program. Press the 🔔 button to confirm.
Default: not configured.

4.3 - Audio call button ⓡ

This parameter enables configuring 8 IDs for receiving an audio call even if the signal is sent from a video electronic unit. Use the ∧∨ buttons to choose the location to be programmed, then buttons ⓪ to ⑨WXYZ to select the ID. Press the 🔔 button to confirm.
Default: not configured.

4.4 - Common locks ⓡ

This parameter allows indirect lock release, coinciding with the lock release of another electronic unit, controlled by an indoor unit or a consumer unit, not by the local CA / M button. You can at the most associate indirect release with 8 different electronic units. Use the ∧ and ∨ buttons to choose the location to be programmed, then buttons ⓪ to ⑨WXYZ in order to enter a number between 1 and 15 [1 and 8248], that is the ID of an electronic unit, for controlling the lock of which also the electronic unit being configured must enable its own. To confirm, press 🔔. To cancel the allocation, enter ⓪ as the ID.

Entering numbers between 21 and 36 [10001 and 16000], then the programmed element will not be an electronic unit, but an operator or relay module. Number 21 identifies the 1st relay of the 1st operator. Unlike the lock, F1 or F2, operators are not governed by any kind of disabling, as described under heading 3.11. For display purposes, entrance panels have a letter "P" prefix, and operators a letter "A". The large numbers are essential in order to associate the entrance panels or the relays of the vertical risers as they are seen in the horizontal bus.
Default: no association

Sidebar buttons:

4.0 Entrance panel chime ∨ ∧

4.1 No. Chime cycles ∨ ∧

4.2 Consumer unit button ∨ ∧

4.3 Button Audio call ∨ ∧

4.4 Com. lock ∨ ∧

4.5
F1 common

⌄ ⌃

4.6
F2 common

⌄ ⌃

4.7
Disable SB search

⌄ ⌃

4.8
Disable S.start

⌄ ⌃

4.9
Seq. Self-start

⌄ ⌃

4.5 - F1 common (R)

As for the lock, but for the output F1.

4.6 - F2 common (R)

As for the lock, but for the output F2.

4.7 - Disable slave panel search

This parameter is only present if the entrance panel is the Master or is configured for Horizontal Installation. It can be used to disable the search for Slave electronic units via the Master electronic unit, on start-up or after pressing the RESET button. Press (1) to deactivate the search, and (0) to activate the search. Press (🔔) to confirm the change.
Default = Yes

4.8 - Self-start disabling

This parameter is only present if the entrance panel is the Master or is configured for Horizontal Installation. It inhibits self-starting from all the system's indoor units. Press (1) to deactivate self-start, and (0) to activate self-start. Press (🔔) to confirm the change.
Default = No

4.9 - Self-start sequence (R)

This parameter is only present if the entrance panel is the Master or is configured for Horizontal Installation. With this parameter, the cyclical start-up of a sequence of electronic units can be associated with the self-start button of each indoor unit. Use the (⌃) and (⌄) buttons or the numerical keypad to select one of the 200 [1000] physical codes (device ID) corresponding to an indoor unit.

Note: You can use the codes from 201 to 204 [from INITIAL ID + 1000 to INITIAL ID + 1007, from 1001 to 1008 by default], for the concierge switchboards, but with the current FW the self-start function is not performed.

Having located the required code, press the (🔔) button to change the value. The (R) button deletes the last electronic unit in the sequence. To enter the numbers of the electronic units, proceed as indicated in the following table:

Vertical installation	Horizontal installation	Number / Letter	First Button	Second Button	Third Button
1	H1	1	1		
2	H2	2	2 ABC		
3	H3	3	3 DEF		
4	H4	4	4 GHI		
5	H5	5	5 JKL		
6	H6	6	6 MNO		
7	H7	7	7 PQRS		
8	H8	8	8 TUV		
9	H9	9	9 WXYZ		
10	H10	A	0	0	
11	H11	B	0	1	
12	H12	C	0	2 ABC	
13	H13	D	0	3 DEF	
14	H14	E	0	4 GHI	
15	H15	F	0	5 JKL	
	H16	G	0	6 MNO	
	V1	H	0	7 PQRS	
	V2	I	0	8 TUV	
	V3	J	0	9 WXYZ	
	V4	K	0	⌃	0
	V5	L	0	⌃	1
	V6	M	0	⌃	2 ABC

4.10 Date / Time format

∨ ∧

5.0 Clock

∨ ∧

5.1 Enabled time codes

∨ ∧

5.2 First Call Time

∨ ∧

5.3 Last call Time

∨ ∧

	V7	N	0	∧	3 DEF
	V8	O	0	∧	4 GHI
	V9	P	0	∧	5 JKL
	V10	Q	0	∧	6 MNO
	V11	R	0	∧	7 PQRS
	V12	S	0	∧	8 TUV
	V13	T	0	∧	9 WXYZ
	V14	U	0	∨	0

Note: In the case of Horizontal installation, the prefix **H** indicates a Horizontal electronic unit, while **V** indicates one of the vertical electronic units of the riser where there is the indoor unit. V15 does not exist, its function is performed by the 69RS. Cyclic self-starting is possible only on the first 16 horizontal electronic units. For the others, direct self-starting is possible, after suitably programming the 69RS.

After the first [0], or second [∧] or [∨] button, a symbol will appear indicating that another number key is expected. A "clipboard" function can be used to help with duplication of the codes. When no symbol is shown as described above, press [∨] to record the sequence shown on the display. Select another device, access changes mode and press [∧] to replace the existing sequence with the sequence recorded in the clipboard. Press [🔔] to confirm the change.

Note: Each horizontal electronic unit can function as a Master (as regards self-starting) for the indoor units whose ID is within the Initial ID - Final ID range (paragraph 1.3 and 1.4). It is enough for 69RS to have the Master entrance panel of the riser remapped onto the current entrance panel.

Default: no sequence, so only the Master entrance panel (Vertical Installation) or the current one (Horizontal Installation) is considered.

4.10 - DATE / TIME format

While awaiting selection, the electronic unit shows, among other information, the current date and time. The formats in which they are shown are configurable. If desired, you can also delete one or both of them. Enter changes mode with [🔔], select the desired format with [∧] or [∨], confirm with [🔔]. The time format is reached with [∧] starting from the date format.

Default: display date in the format day month / numeric month / 4-digit year, hour and minutes in 24H format separated by ':', 01/01/2013 00:00:00.

5.0 - Clock

The clock must be set correctly for the service described in paragraphs 5.1 to 5.4 to be able to be correctly performed. The date and time are retained for at least 2 days even with the electronic unit switched off. When the clock is first powered up, or when the electronic unit remains switched off for longer than 2 days, the date is automatically set to 1 January 2013 and the time to 00:00. To adjust the date and time, press [🔔]. The modifiable field is indicated by a solid rectangle to the right. To change the data for the day, enter numbers [0] .. [9 WXYZ] with the keypad and to move on to another field, use the [∨] button to move right and [∧] to move left. Confirm with [🔔]. If there is an error, for example if the day is set any higher than 31, changes are rejected and the rectangle moves to the position of the error. There is no need to enter the day of the week, as this will be calculated automatically from the date.

5.1 - Enable timed codes

This configuration enables the timed password function described under headings 5.2, 5.3 and 5.4. To enable press [1]. To disable press [0].
Default: No

5.2 - First timed code

This configuration specifies the first code to be used for the Timed Codes function. Using buttons from [0] to [9 WXYZ] enter its number from 1 to 1000 or [0] to delete it. If the first code is higher than the second, or if one is programmed and the other is not, a warning to check the other code is displayed. The valid codes are those in which the number ranges from the first to the last as specified, excluding the limits.
Default: not programmed

5.3 - Last timed code

Like the code described above, but referring to the last valid code.
Default: not programmed

5.4
Time Slot

⌄ ⌃

5.5
Device

⌄ ⌃

5.6
Button 6120

⌄ ⌃

5.4 - Code validity time slots

The clock of the electronic units 13F4 and 13F7 allows enabling a certain number of Lock codes, F1 codes, F2 codes described in paragraphs 2.2, 2.3 and 2.4 only at certain times of the day.

Two time bands are envisaged for the 24-hour period, each with a resolution of 30 minutes. The start and end of the interval can be specified in increments of 30 minutes:

00:00, 00:30, 01:00, 01:30, … 22:30, 23:00, 23:30.

For additional flexibility, the two time bands can be programmed separately for weekdays (Monday to Friday) and for weekends or holidays, or in any event for most days not regarded as full working days (typically Saturday and Sunday).

Note: There is no management of holidays such as Christmas, Easter Monday, etc.

The codes for all three types of function (lock, F1 and F2) have common start and end numbers, although the contents of the three tables can obviously be programmed differently. The codes not included in the selected set remain permanently active. Only the selected codes are subject to time limits. The service can be disabled temporarily by means of programming procedure 5.1. In this case the specified codes are never active, while the others remain permanently active.

The end must be higher than the start, otherwise the configuration will not be valid. For example, Start = 16:00 and End = 16:00 would not be valid, and neither would Start = 16:00 and End = 10:30.

To change the time, press 🔔. A double arrow appears to the right of the minutes, indicating that buttons ⌄ and ⌃ can be used to adjust the time

by increments of 30 minutes. Alternatively use buttons ⓪..⑨ to set the time only. If need be, buttons ⌄ and ⌃ can be used to set the minutes.

Default: not programmed

5.5 - Change indoor unit configurations

This function is only available for Vertical Installation.

For each indoor unit installed in the system, it is possible to configure operating options grouped in four segments: *Flags*, *Programmable buttons, Call groups and Landing call*. Certain indoor units have a fifth segment, namely *audio/video levels*. To carry out this procedure, the devices being programmed (indoor units) must be connected to the system and be already identified with a code. The electronic unit searches for the first device (indoor unit), identified by ID 1, and analyses the type. Us buttons ⌃ ⌄ to select one of the 200 devices. If you want to access a particular ID directly, enter the number and press the 🔔 button to select it.

Having located the required device, press the 🔔 button to access its change configuration mode. The configuration resides entirely in the device, i.e. the electronic unit shows only what is present, it does not store anything inside herself. The configuration options vary according to the type of device. With changes mode activated, use the ⌃, ⌄ and Ⓡ buttons to navigate the parameters, and the 🔔 button to confirm any changes made. For the area of the *Flags*, ⓪ means No and ① means Yes.

5.6 - Button 6120

This function is only available for Vertical Installation.

This section permits configuring 6120 button modules. An ID code must already have been assigned to Module 6120, see product instructions.

The procedure is similar to that for the *Programmable buttons* of the indoor units.

Note: Given the complexity of the configurations, and the lack of support for the Horizontal Installation, it is recommended to use the PC software.

Schemi di collegamento - Wiring diagrams

Schema di collegamento unità elettronica audio o video
Wiring diagram for audio or video electronic unit

Montante
Cable riser
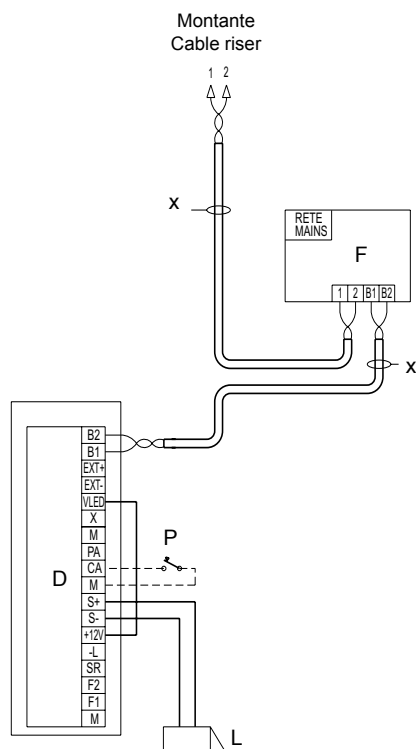
C - Unità elettronica audio o video
F - Alimentatore di sistema
L - Serratura elettrica 12 Vdc
P - Comando apriporta
X - Cavo twistato

C - Audio or video electronic unit
F - System power supply unit
L - Electric lock 12 V DC
P - Door release control
X - Twisted pair cable

Schema di collegamento di più unità elettroniche audio
Wiring diagram for multiple audio electronic units

Montante
Cable riser
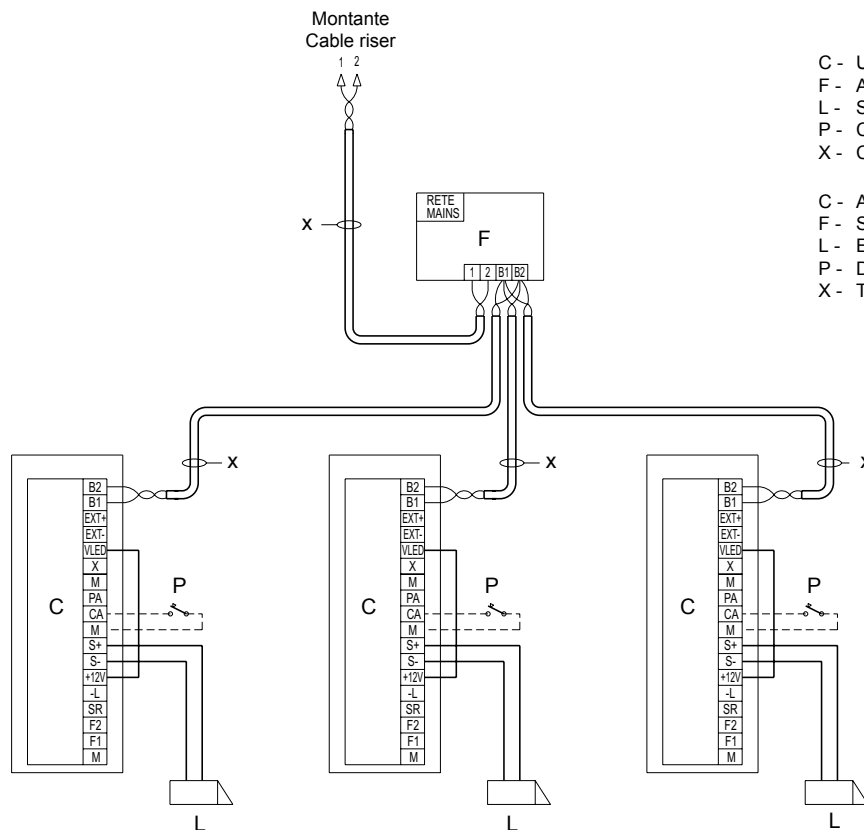
C - Unità elettroniche audio
F - Alimentatore di sistema
L - Serratura elettrica 12 Vdc
P - Comando apriporta
X - Cavo twistato

C - Audio electronic units
F - System power supply unit
L - Electric lock 12 V DC
P - Door release control
X - Twisted pair cable

Schema di collegamento di più targhe video o più targhe video e targhe audio
Wiring diagram for multiple video entrance panels or multiple video and audio entrance panels

Montante
Cable riser

Montante
Cable riser

C - Unità elettroniche video
F - Alimentatore di sistema
L - Serratura elettrica 12 Vdc
P - Comando apriporta
X - Cavo twistato
G - Alimentatore supplementare alimentazione unità elettronica

C - Video electronic units
F - System power supply unit
L - Electric lock 12 V DC
P - Door release control
X - Twisted pair cable
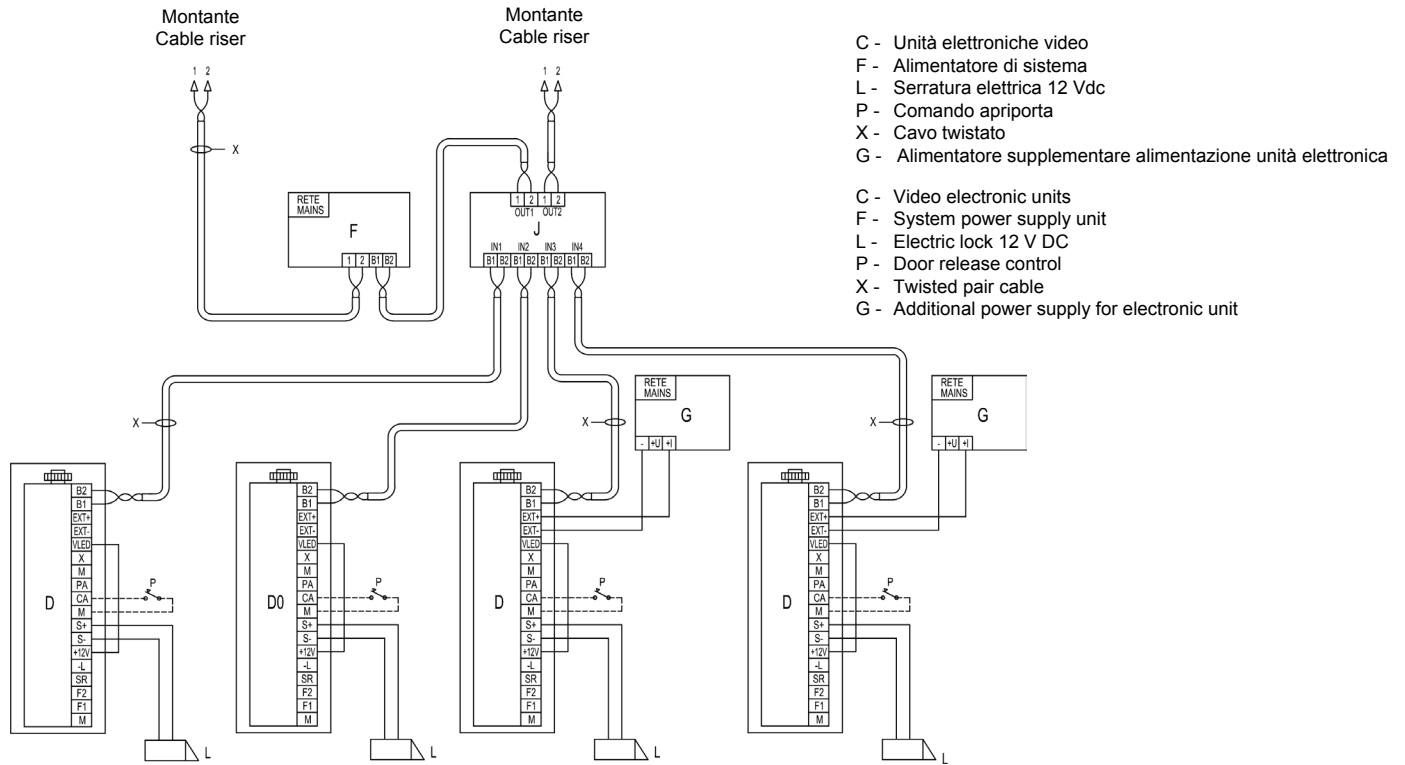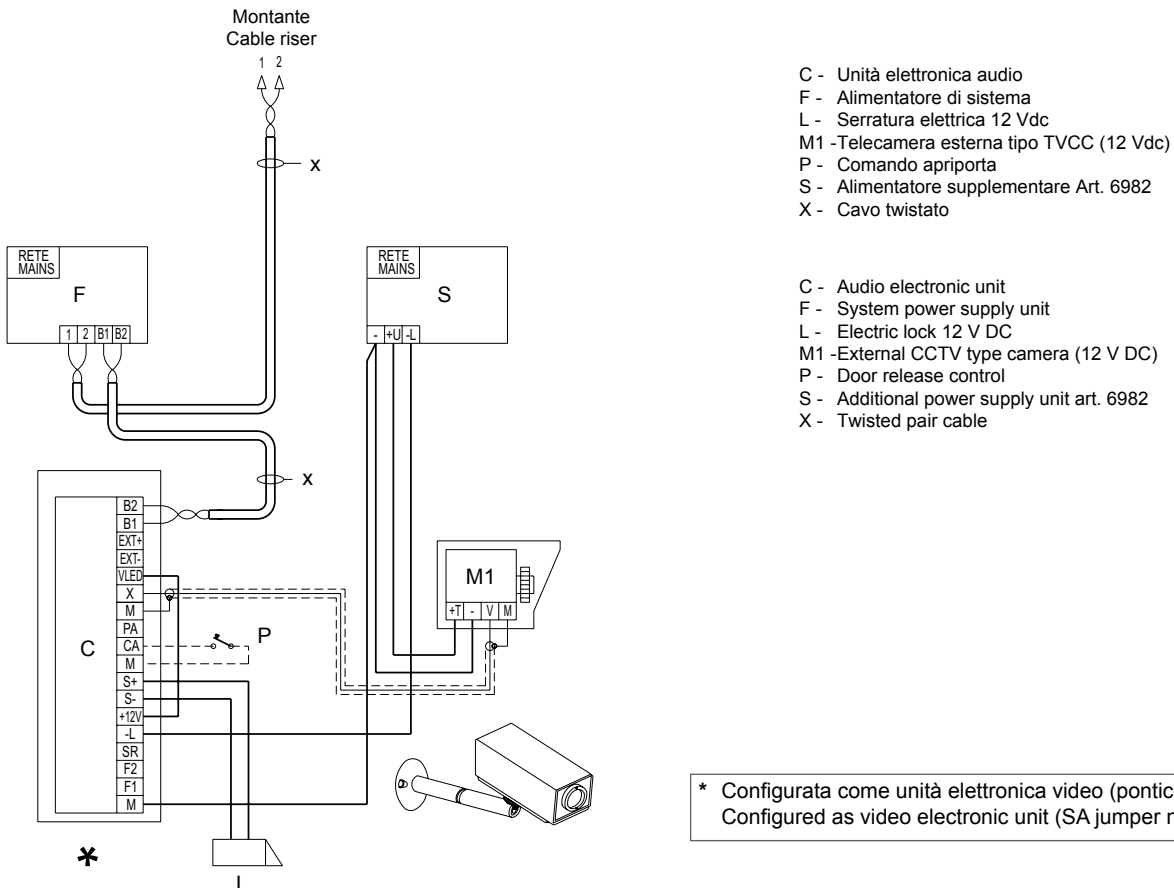G - Additional power supply for electronic unit

Schema di collegamento di unità elettronica audio singola con TLC tipo TVCC esterna
Wiring diagram for single audio electronic unit with CCTV type external camera

Montante
Cable riser

C - Unità elettronica audio
F - Alimentatore di sistema
L - Serratura elettrica 12 Vdc
M1 - Telecamera esterna tipo TVCC (12 Vdc)
P - Comando apriporta
S - Alimentatore supplementare Art. 6982
X - Cavo twistato

C - Audio electronic unit
F - System power supply unit
L - Electric lock 12 V DC
M1 - External CCTV type camera (12 V DC)
P - Door release control
S - Additional power supply unit art. 6982
X - Twisted pair cable

* Configurata come unità elettronica video (ponticello SA non inserito).
  Configured as video electronic unit (SA jumper not inserted).

Variante / Version

Unità elettronica con cartello numero civico retroilluminato
Electronic unit with backlit house number plate module

Montante
Cable riser
1 2

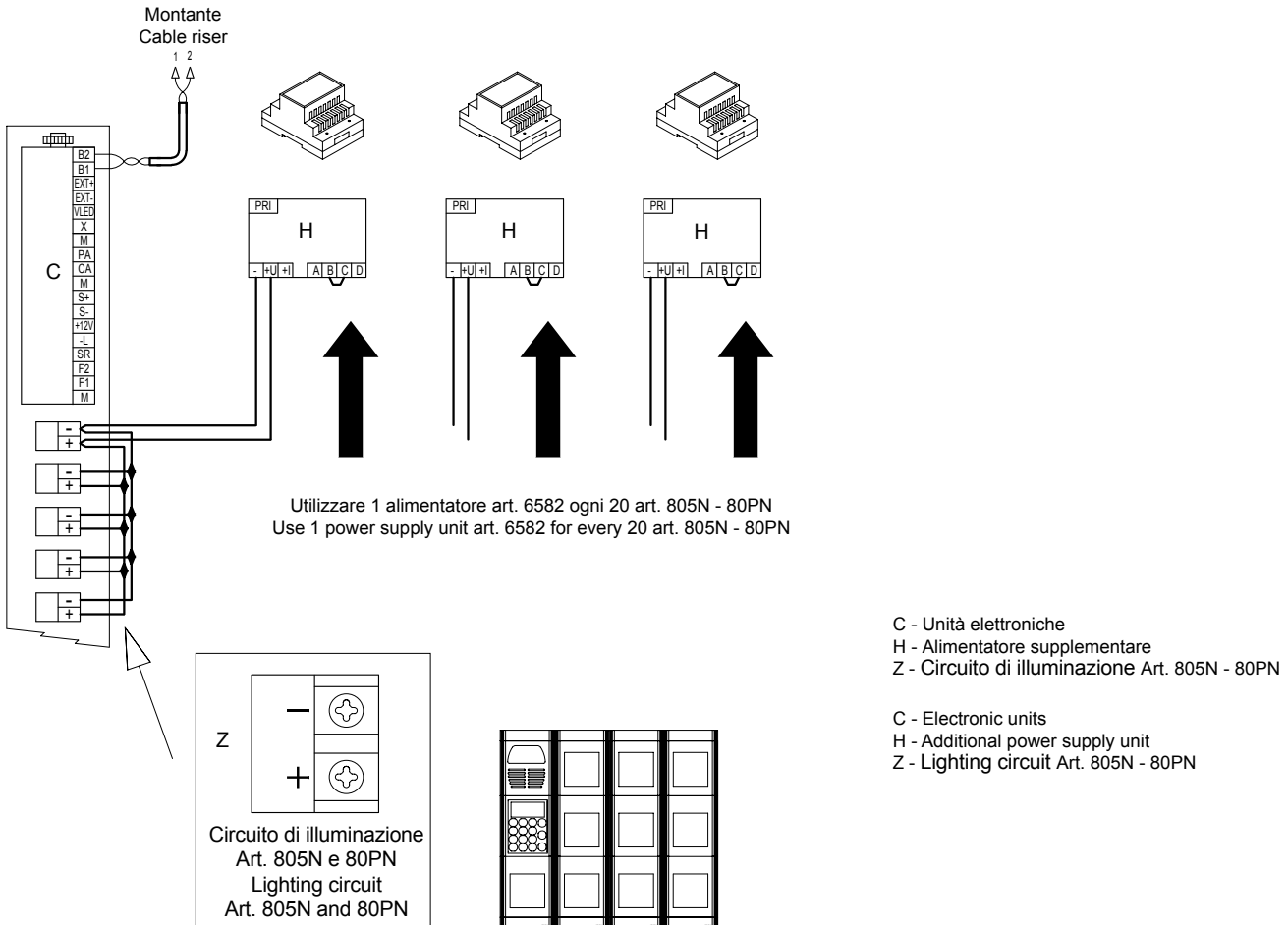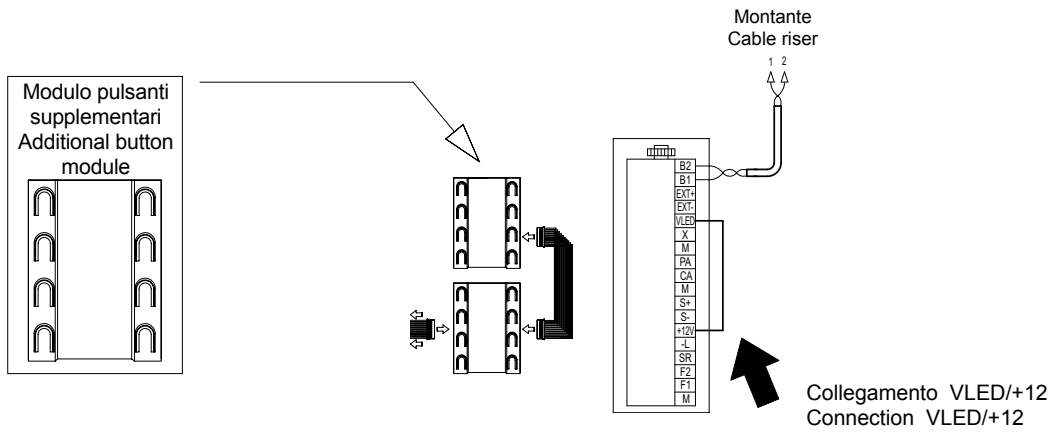| |
|---|
| B2 |
| B1 |
| EXT+ |
| EXT- |
| VLED |
| X |
| M |
| PA |
| CA |
| M |
| S+ |
| S- |
| +12V |
| -L |
| SR |
| F2 |
| F1 |
| M |

−
+

Circuito di illuminazione numero
civico. Utilizzare solo circuito fornita
nella confezione.

House number lighting circuit. Use
only circuit provided in the package.

−
+

Fare collegamenti
Perform wiring

Variante / Version

Unità elettronica con cartello numero civico retroilluminato
Electronic unit with backlit house number plate module

Montante
Cable riser
1 2

B2
B1
EXT+
EXT-
VLED
X
M
PA
CA
M
S+
S-
+12V
L
SR
F2
F1
M

C

PRI
H
− +U +I   A B C D

PRI
H
− +U +I   A B C D

PRI
H
− +U +I   A B C D

Utilizzare 1 alimentatore art. 6582 ogni 20 art. 805N - 80PN
Use 1 power supply unit art. 6582 for every 20 art. 805N - 80PN

C - Unità elettroniche
H - Alimentatore supplementare
Z - Circuito di illuminazione Art. 805N - 80PN

C - Electronic units
H - Additional power supply unit
Z - Lighting circuit Art. 805N - 80PN

−
+

Z

−
+

Circuito di illuminazione
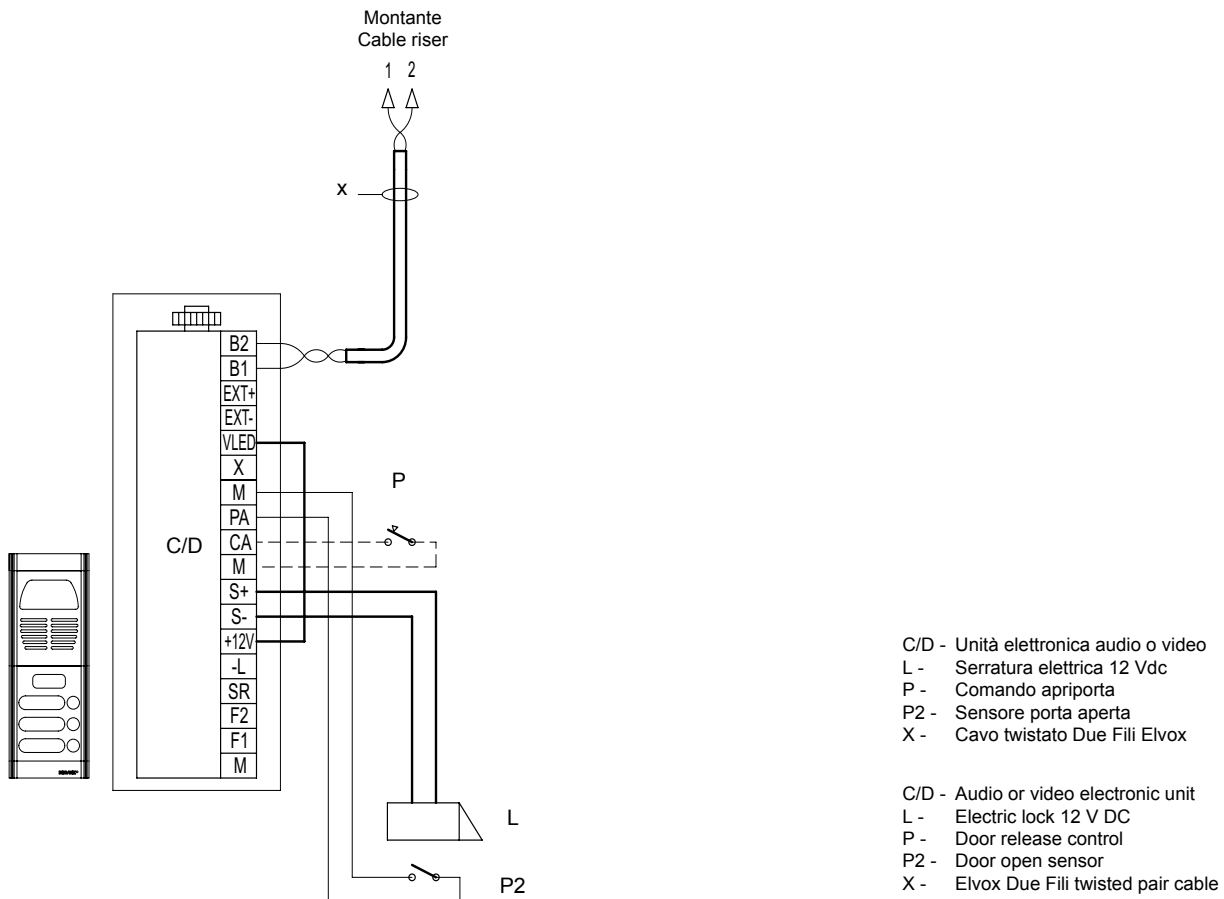Art. 805N e 80PN
Lighting circuit
Art. 805N and 80PN

Variante / Version

Unità elettronica con moduli pulsanti supplementari (fino a 2 moduli art. 12TS o 1 art. 12TD)
Electronic unit with additional button modules (up to 2 modules art. 12TS or 1 module art. 12TD)

Montante
Cable riser

Modulo pulsanti
supplementari
Additional button
module

B2
B1
EXT+
EXT-
VLED
X
M
PA
CA
M
S+
S-
+12V
-L
SR
F2
F1
M

Collegamento VLED/+12
Connection VLED/+12

Variante / Version

Collegamento per segnalazione Porta/Cancello aperto
Wiring for Door/Gate open indication

Montante
Cable riser

x

C/D

B2
B1
EXT+
EXT-
VLED
X
M
PA
CA
M
S+
S-
+12V
-L
SR
F2
F1
M

P

L

P2

C/D - Unità elettronica audio o video
L -   Serratura elettrica 12 Vdc
P -   Comando apriporta
P2 -   Sensore porta aperta
X -   Cavo twistato Due Fili Elvox

C/D - Audio or video electronic unit
L -   Electric lock 12 V DC
P -   Door release control
P2 -   Door open sensor
X -   Elvox Due Fili twisted pair cable

Variante / Version

Collegamento funzioni ausiliarie F1 e F2
Connection of auxiliary functions F1 and F2

Montante
Cable riser
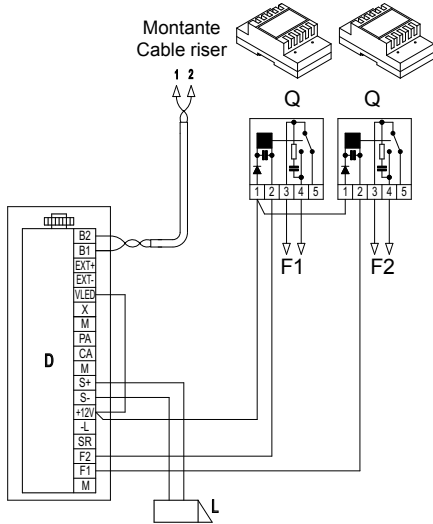
F1 - Funzione ausiliaria (Contatto NA - Max 3A 230V)
   Auxiliary function (N.O. Contact - Max 3A 230V)

F2 - Funzione ausiliaria (Contatto NA - Max 3A 230V)
     Auxiliary function (N.O. Contact - Max 3A 230V)

D - Unità elettronica
L - Serratura elettrica 12 Vdc
Q - Relè Art. 0170/001

D - Electronic unit
L - Electric lock 12 V DC
Q - Relay art. 0170/001.

Variante / Version

Schema di collegamento serratura con alimentazione supplementare
Connection diagram of lock with supplementary power supply unit

Montante
Cable riser

RETE
MAINS
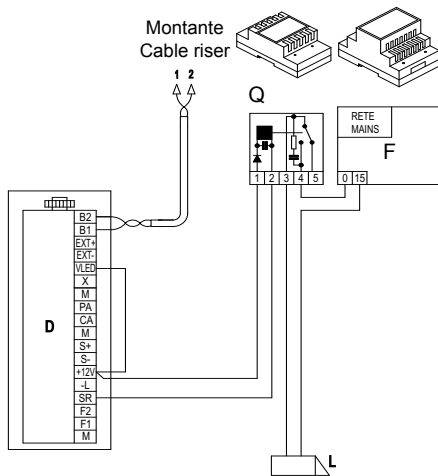
D - Unità elettronica
F - Alimentatore supplementare
L - Serratura elettrica 12 Vdc
Q - Relè Art. 0170/001

D - Electronic unit
F - Additional power supply unit
L - Electric lock 12 V DC
Q - Relay art. 0170/001.

ELVOX

VIMAR group