VIMAR

Installer guide

Art. 6931
Audio entrance panel Due Fili unit

ELVOX Videocitofonia

2 DUEFILI PLUS

GENERAL INFORMATION

Article 6931 is a speech unit for **DUE FILI PLUS** audio door entry systems. Article 6931 can manage up to 200 calls and can be used as a Master speech unit, making it possible to create audio door entry systems. In addition, it can co-exist with video panels in a mixed **DUE FILI PLUS** system (interphone/monitor), by using concentrators art. 692C.

It can be installed in entrance panels series:
- 8000
- 8100
- Patavium
- 3300
- Mail boxes (2550/301 and 2550/302)
- 1200 (for more than 2 push-buttons it is necessary to couple one or more additional plates with push-buttons type 125x).

Speech unit type 6931 is completely equivalent to type 6930. The only difference is that, in case of connection of camera type 6570, 657C or interface for TVCC camera type 693T it enables a higher distance between the speech unit and the camera (see wiring diagrams N. SI559, SI560 for the maximum length of wiring).

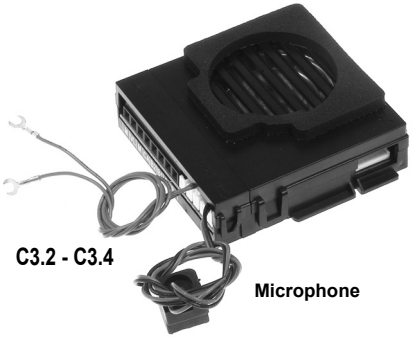
Type 6931 can be coupled with B/W or colour cameras, or with converter module for external camera type CCTV.

Type 6570 B/W camera without speech unit
Type 657C Colour camera without speech unit
Type 693T Converter module for external B/W or colour camera (type CCTV) in 4 DIN modules enclosure.

Series of entrance panels	**With internal camera** type 6931 + type 6570 type 6931 + type 657C	**With external camera** type 6931 + type 693T
8000	YES by applying type 8010 + 8020 (for 6570) type 8010 + 8T20 (for 657C)	YES
8100	NO	YES
PATAVIUM	NO	YES
3300	NO	YES
2550/301-302	YES	YES
1200	NO	YES

The expansion modules (type 12TS, 12TS/0, 693p, 8051, 8052, 8053, 8054) can be connected to speech unit type 6931 to increase the number of the call push-buttons according to the type of panel.

12TS Additional module with 4 call push-buttons to install in panels series 1200.
12TS/0 Additional module for connecting 8 push-buttons, applicable also to entrance panels not belonging to the Elvox series.
693P Addition module with reduced dimensions: 48x70x19 mm (W x H x D), to be applied also to non ELVOX entrance panels.
8054 (8051, 8052, 8053) additional modules with 4, 1, 2, 3 call push-buttons with plates, for entrance panels series 8000.



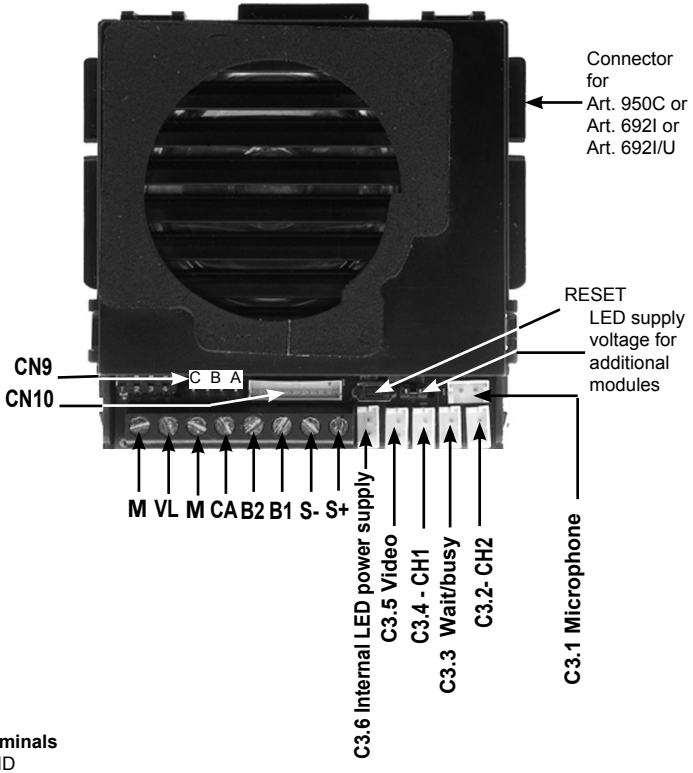
Bracket with fixing screws for speech unit

Cable for additional push-button modules to CN10

Cable for “Engaged – Please wait” to C3.3
(Two coloured wires: one red and one black)

Cable for name-tag lighting a C3.6 - Name-tag led
(Two coloured wires: one green and one black)

Cable for two push-buttons
to C 3.4 - CH1
to C 3.2 - CH2
((Two coloured green wires)

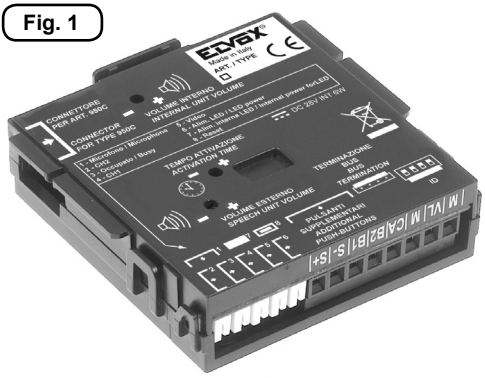


Speech unit terminals

M VL GROUND
VL POWER SUPPLY OF LEDS FOR SUPPLEMENTARY MODULES
M GROUND
CA DOOR LOCK COMMAND (CONNECT TO “M”)
B2 2-WIRE BUS
B1 2-WIRE BUS
S- LOCK OUTPUT
S+ LOCK OUTPUT

The speech unit gives a current peak IT> 1A for 10 mS after which there follows a holding current I_M= 200mA for the entire duration of the lock command (see lock time).

Fig. 1



Speech unit adjustments

External volume
Speech unit activation time
Internal volume
The settings are printed on the back of the speech unit (see Fig. 1)

Series of entrance panels	Number of push-buttons	Entrance panel type	Cables	Substitutive lamp holder type	Figure
8000	1	88T1	C3.4, C3.6		Fig. 5, page 10
	1	8911	C3.4, C3.6	R263	Fig. 6, page 10
	2	88T2	C3.2, C3.4, C3.6		Fig. 5, page 10
	2	891D	C3.2, C3.4, C3.6	R263	Fig. 6, page 10
	More than 2 push-buttons	80PA + 8054 (o 8051, 8052, 8053) + module holder frames, boxes series 8000	CN10, C3.3		Fig. 4B, page 9
	More than 2 push-buttons	RPF3 + 8054 (o 8051, 8052, 8053) + module holder frames, boxes series 8000	CN10		Fig. 4A, page 9
8100	1	8101	C3.4, C3.6		Fig. 8, page 12
	2	8102	C3.2, C3.4, C3.6		Fig. 8, page 12
PATAVIUM	1	2101	C3.4, C3.6		Fig. 9, page 12
	2	2102	C3.2, C3.4, C3.6		Fig. 9, page 12
	More than 2 push-buttons	21xx + 693P	C3.6, CN10		
3300	1	3301 + Back box Serie 3300	C3.4, C3.6	R261	Fig. 11, page 13
	2	3302 + Back box Serie 3300	C3.2, C3.4, C3.6	R261	Fig. 11, page 13
	More than 2 push-buttons	3300 + 3958 + Back box Serie 3300	CN10		
		330X + 39xx + Back box Serie 3300	C3.6, CN10		
2550/301-302	1	2550/301	C3.4, C3.6	R261	Fig. 10, page 13
	2	2550/302	C3.2, C3.4, C3.6	R261	Fig. 10, page 13
1200	1	1200	C3.4, C3.6	R264	Fig. 7, page 11
	2	1200	C3.2, C3.6, C3.4	R264	Fig. 7, page 11
	1200 with more than 2 calls	1200 (only for speech unit Art. 6931) + 125x + 12TS	CN10, C3.6	R264	Fig. 7, page 11
Cabinet	1	25V2*	C3.4, C3.6	R264	Fig. 13, page 14
	2	25V2	C3.2, C3.4, C3.6	R264	Fig. 13, page 14
	Up to 8 push-buttons	25V4 or 25V6 or 25V8, 693P	C3.6	R264	Fig. 13, page 14
	Up to 12 push-buttons	25V8, 2508, 2x693P	C3.6, C3.10	R264	Fig. 13, page 14
	Up to 24 push-buttons	25V8, 2526, 693P, 2x693P	CN10 and cable of art. 693P and art. 693P/M	R264	Fig. 13, page 14

INSTALLATION

Assembling and installing the speech unit Art. 6931 requires the following phases:
- installing the speech unit
- wiring the leads
- installing and wiring any additional modules
- connecting the speech unit to the system
- assigning identification
- programming the speech unit

N.B. Do not connect the bus of the speech unit to the system until the speech unit wirings have been connected to the entrance panel.

BUS TERMINATION

On the bottom left side, above the terminal block, there is the 3-position connector CN9 (Fig. 2). A jumper in one of the 3 possible positions (A, B, C) enables terminating the bus correctly as regards the video signal for mixed systems (audio and video door entry systems). Try out the condition providing the best vision. If the system is solely an audio door entry system, insert it in position A.

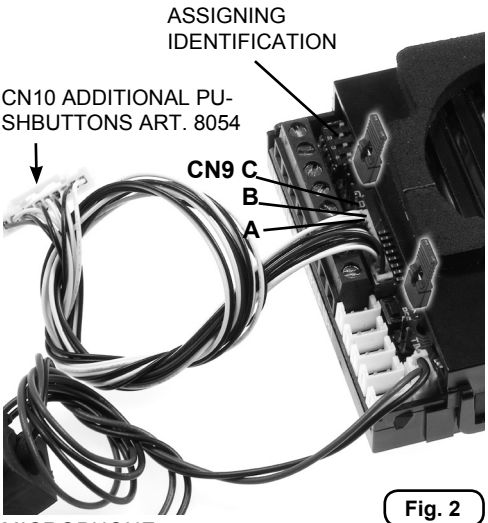


Fig. 2

ASSIGNING IDENTIFICATION

The identifier is assigned with 4 dip switches on the bottom left side above the terminal block (Fig. 2), outside the enclosure and under the safety lid. The correspondence between the position of the dip switch and the ID is specified in the following table.

DIP SWITCH					ENTRANCE PANEL ID
	1	2	3	4	
					NOT ASSIGNED
	ON				1 (MASTER)
		ON			2
	ON	ON			3
			ON		4
	ON		ON		5
		ON	ON		6
	ON	ON	ON		7
				ON	8
	ON			ON	9
		ON		ON	10
	ON	ON		ON	11
			ON	ON	12
	ON		ON	ON	13
		ON	ON	ON	14
	ON	ON	ON	ON	15

SOFTWARE CONFIGURATIONS

The software configurations can be carried out in two different ways:
- basic configuration of software
- advanced software configurations

BASIC SOFTWARE CONFIGURATIONS

PUSH-BUTTONS RESET

For the outdoor station it is possible to reset the two push-buttons CH1 and CH2 without using external helps. This can be done with the following procedure, described for a generic push-button. It is applied either to CH1 either to CH2.

- Remove the terminal block protection cover prizing up on the closing hooks (see fig. 3A, arrow 1).
- Raise the hooks indicated with 1 (arrow upward)
- Hold down the RESET push-button using, if necessary, a plastic screwdriver.
  DO NOT USE METALLIC INSTRUMENTS WHICH CAN DAMAGE MECHANICALLY THE ELECTRONIC CIRCUIT OR CAUSE SHORT-CIRCUITS.
- Holding down the RESET push-button, keep pressed also the call push-button to be reprogrammed.
- Hold down the call push-button, release the RESET push-button.
- After two seconds the loudspeaker emits a tone. Simultaneously all the sets with the hook lifted emit a three tone scale.
- Release the call push-button.
- Press, from the internal unit you want to call with the push-button, one of the push-buttons: lock release, actuator activation, stair light, F1, F2. Pay attention that if you want to call a group, this manoeuvre is to be effected by the leader of the group. You have 25 seconds to carry out this operation, after that the outdoor station goes back to the rest mode emitting a tone.
- The outdoor unit confirms the programming with a tone.
- To return to default programming, instead of acting on the internal unit, press again the push-button you want to program.
- As an option, verify if the association is correct by pressing the just programmed push-button and control if the desired internal unit is called.
- At the end fit the protection cover again.

RESETTING PROGRAMS TO THE DEFAULT VALUE

It is possible to bring the programs back to the default value with a straightforward procedure.

- Open the speech unit by levering on the fastener hooks (see Fig. 4A).
- Raise the fastener labelled 1 (up arrow).
- Raise the fastener labelled 2 (up arrow).
- Momentarily move the jumper of the termination from CN9 onto terminals 2 and 3 of the programming connector (see Fig. 4B).
- Momentarily press the reset button RST with the aid, if necessary, of a plastic screwdriver.
  DO NOT USE ANY METAL INSTRUMENTS THAT CAN MECHANICALLY DAMAGE THE ELECTRONIC CIRCUIT OR CREATE SHORT CIRCUITING.
- The speech unit emits a continuous tone for two seconds.
- As the tone is being emitted, press one of the call buttons. The programs are now reset.

The speech unit restarts by itself. Afterwards put the jumper back into its original position CN9.

Fig. 3A

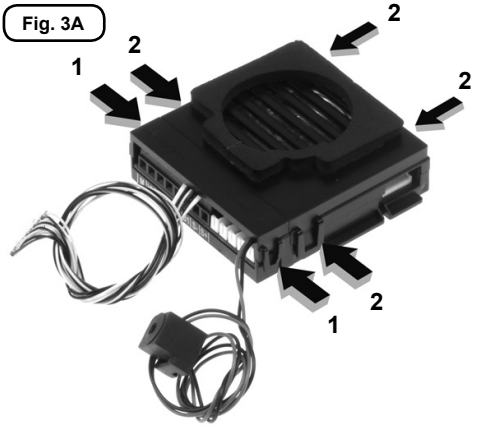


Fig. 3B

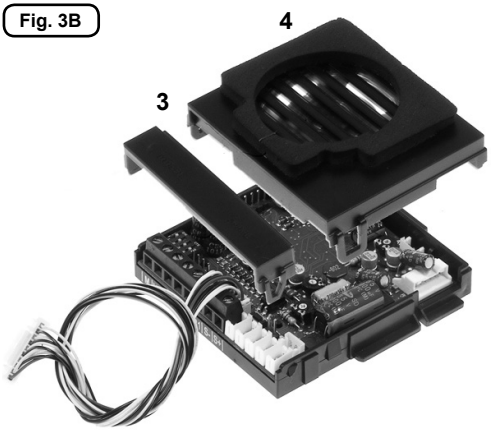
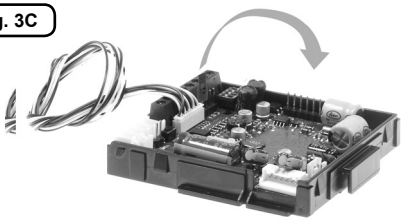
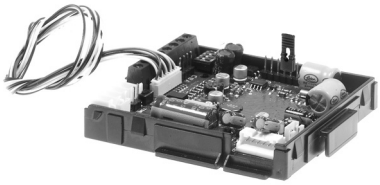


Fig. 3C





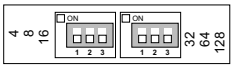
ADDITIONAL MODULE PUSHBUTTON HARDWARE PROGRAMMING (ART. 8051, 8052, 8053, 8054, 12TS, 12TS/0, 639P)

The dip-switches modify the hardware code of the first pushbutton at the top right of the module, while the other pushbuttons are associated consecutively from top to bottom, right to left (see Tables 1 and 2). Take care not to overlap the codes of pushbuttons on the same panel. When using the modules with pushbuttons in single or double columns the parameter “Single/Double pushbuttons” must be programmed according to the type of module (see programming).

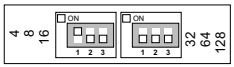
The configuration of parameter “single push-buttons” determines the numbering of push-buttons. If the “single push-buttons” parameter is set to 2 or 3 take into account the values in [ ] bracket, on the contrary if the value is set to 0 or 1 take into account the values in { } bracket.

TABLE 1 - PUSHBUTTONS IN A SINGLE COLUMN

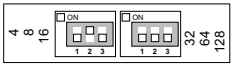
Not to be used



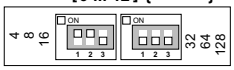
[1 ... 4] { 3 ... 6 }



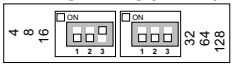
[5 ... 8] {7 ... 10}



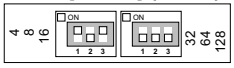
[9 ... 12] {11 ... 14}



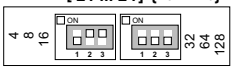
[13 ... 16] {15 ... 18}



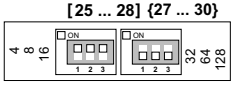
[17 ... 20] {19 ... 22}



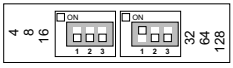
[21 ... 24] {23 ... 26}



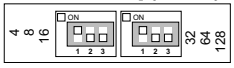
[25 ... 28] {27 ... 30}



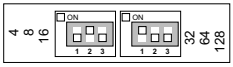
[29 ... 32] {31 ... 34}



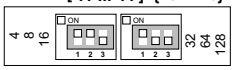
[33 ... 36] {35 ... 38}



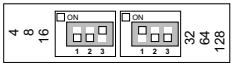
[37 ... 40] {39 ... 42}



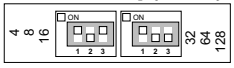
[41 ... 44] {43 ... 46}



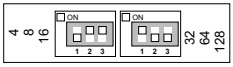
[45 ... 48] {47 ... 50}



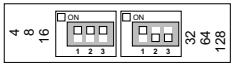
[49 ... 52] {51 ... 54}



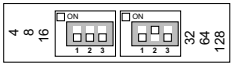
[53 ... 56] {55 ... 57}



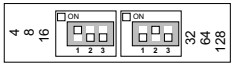
[57 ... 60] {59 ... 62}



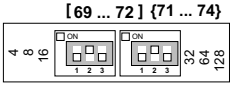
[61 ... 64] {63 ... 66}



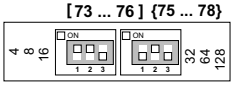
[65 ... 68] {67 ... 70}



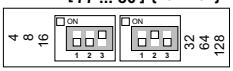
[69 ... 72] {71 ... 74}



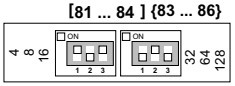
[73 ... 76] {75 ... 78}



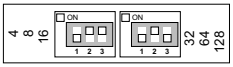
[77 ... 80] {79 ... 82}



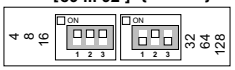
[81 ... 84] {83 ... 86}



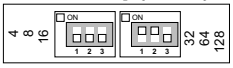
[85 ... 88] {87 ... 90}



[89 ... 92] {91 ... 94}

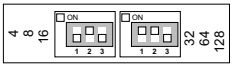


[93 ... 96] {95 ... 98}

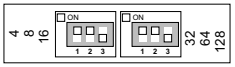


[97 ... 100] {99 ... 102}

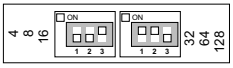
[101 ... 104] {103 ... 106}



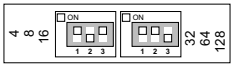
[105 ... 108] {107... 110}



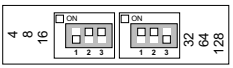
[109 ... 112] {111 ... 114}



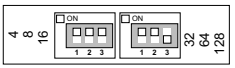
[113 ... 116] {115 ... 118}



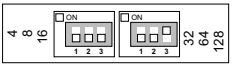
[117 ... 120] {119 ... 122}



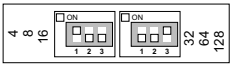
[121 ... 124] {123 ... 126}



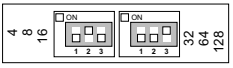
[125 ... 128] {127 ... 130}



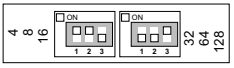
[129 ... 132] {131 ... 134}



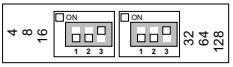
[133 ... 136] {135 ... 138}



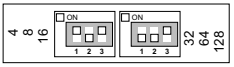
[137 ... 140] {139 ... 142}



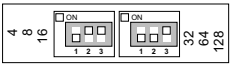
[141 ... 144] {143 ... 146}



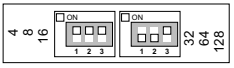
[145 ... 148] {147 ... 150}



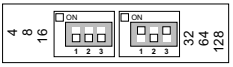
[149 ... 152] {151 ... 154}



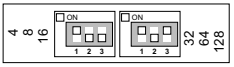
[153 ... 156] {155 ... 157}



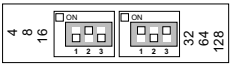
[157 ... 160] {159 ... 162}



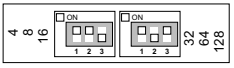
[161 ... 164] {163 ... 166}



[165 ... 168] {167 ... 170}

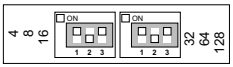


[169 ... 172] {171 ... 174}

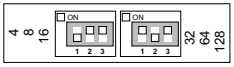


[173 ... 176] {175 ... 178}

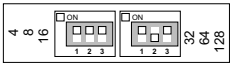
[177 ... 180] {179 ... 182}



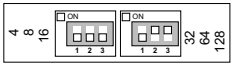
[181 ... 184] {183 ... 186}



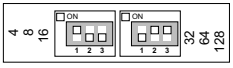
[185 ... 188] {187 ... 190}



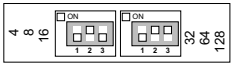
[189 ... 192] {191 ... 194}



[193 ... 196] {195 ... 198}

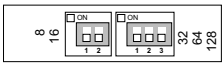


[197 ... 200] {199 ... 200}

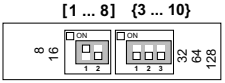


TAB. 2 - PUSH-BUTTONS IN TWO ROWS OR TO BE USED WITH ADDITIONAL MODULES TYPES 12TS/0 AND 693P

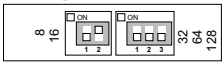
Not to be used



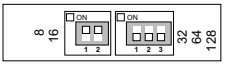
[1 ... 8] {3 ... 10}



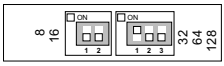
[9... 16] {11 ... 18}



[17 ... 24] {19 ... 26}

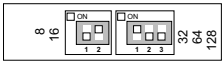


[25 ... 32] {27 ... 34}

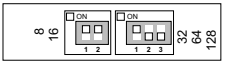


[33 ... 40] {35 ... 42}

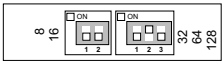
[41 ... 48] {43 ... 50}



[49 ... 56] {51 ... 58}

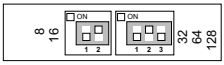


[57 ... 64] {59 ... 66}

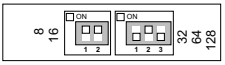


[65 ... 72] {67 ... 74}

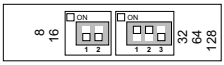
[73 ... 80] {75 ... 82}



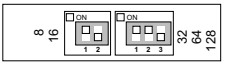
[81 ... 88] {83 ... 90}



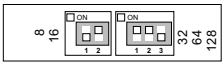
[89 ... 96] {91... 98}



[97 ... 104] {99 ... 106}



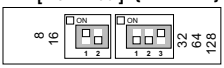
[105 ... 112] {107 ... 114}



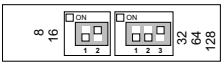
[113 ... 120] {115 ... 122}

[121 ... 128] {123 ... 130}

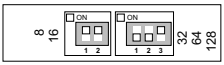
[129 ... 136] {131 ... 138}



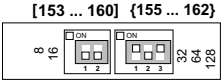
[137 ... 144] {139 ... 146}



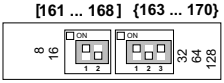
[145 ... 152] {147 ... 154}



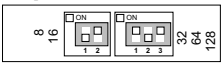
[153 ... 160] {155 ... 162}



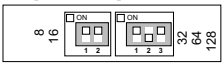
[161 ... 168] {163 ... 170}



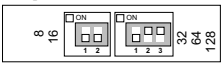
[169 ... 176] {171 ... 178}



[177 ... 184] {179 ... 186}



[185 ... 192] {187 ... 194}



[193 ... 200] {195 ... 200}

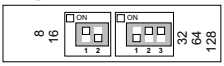


Fig. 4A

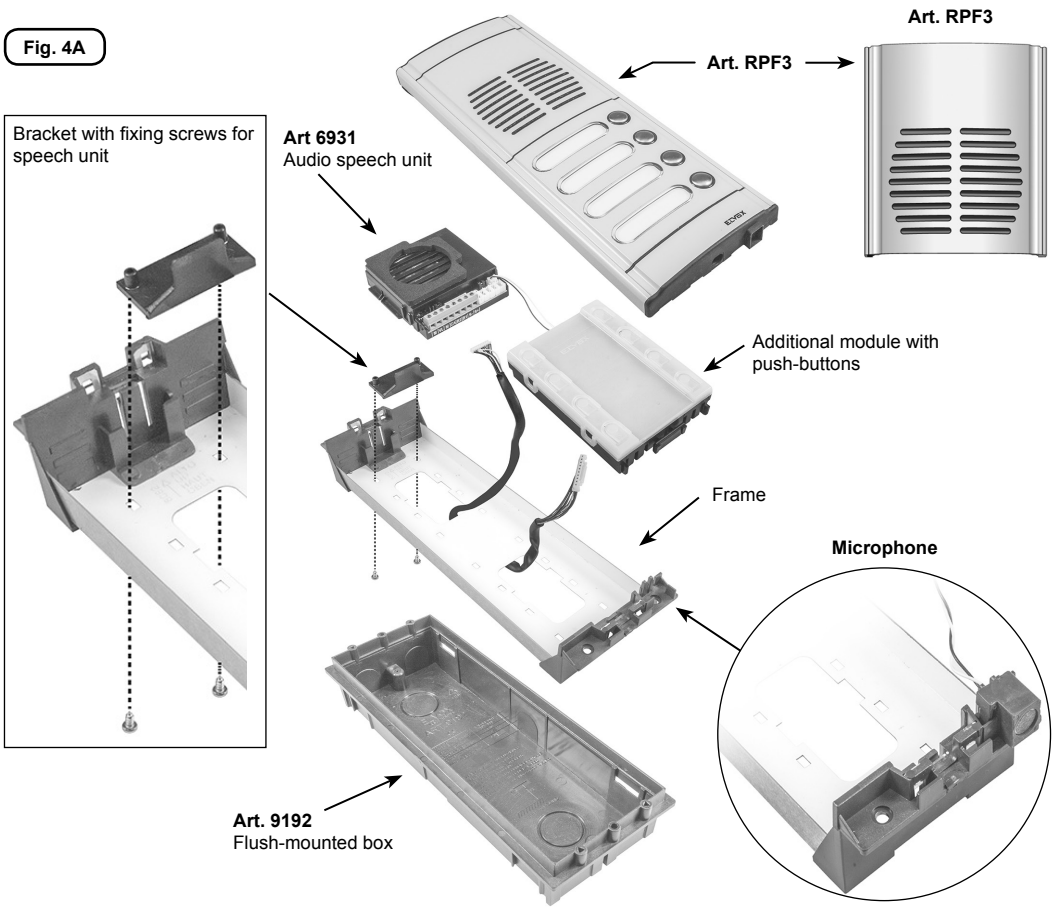


Fig. 4B

If using the “BUSY - WAIT” signal, use the entrance panel module 8000 series, Art. 80PA, otherwise Art. RPF3.

Art. 80PA

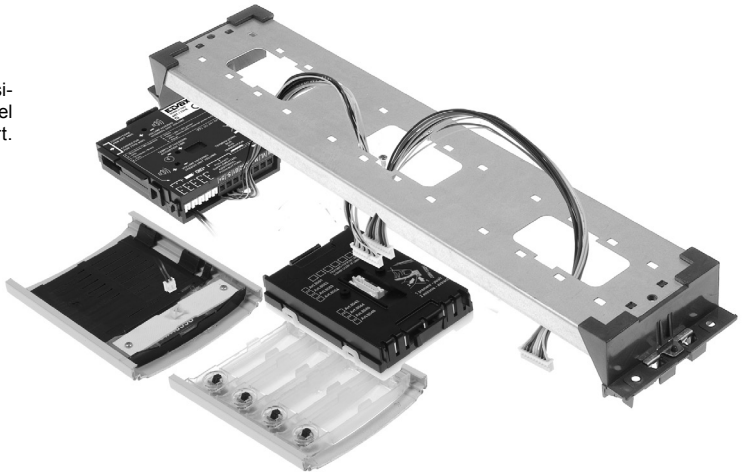


Fig. 5

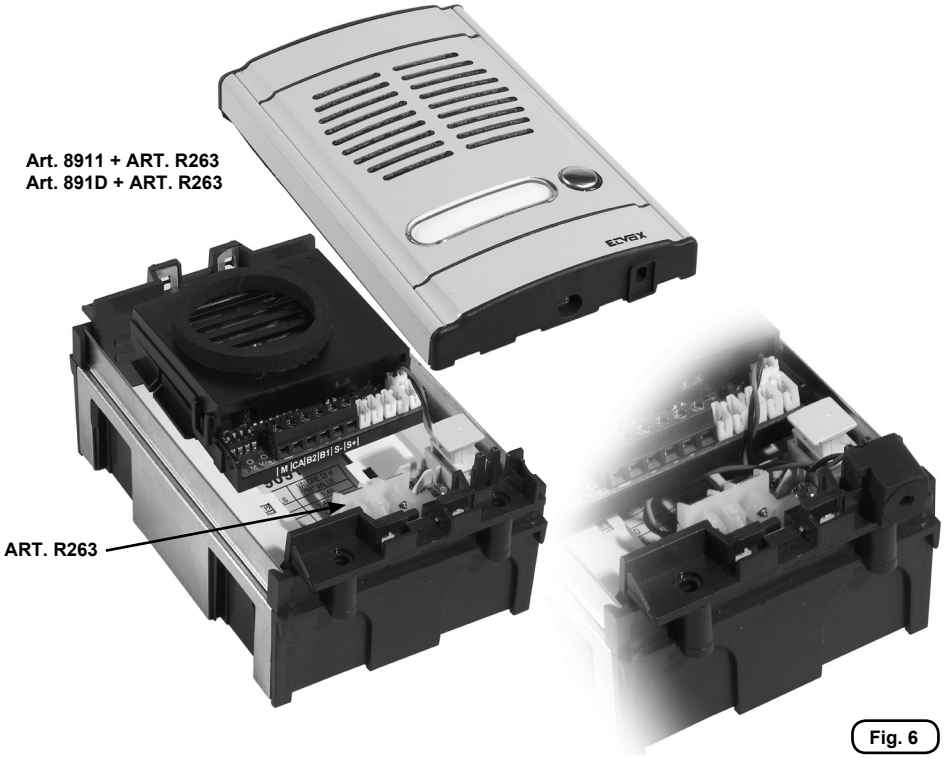
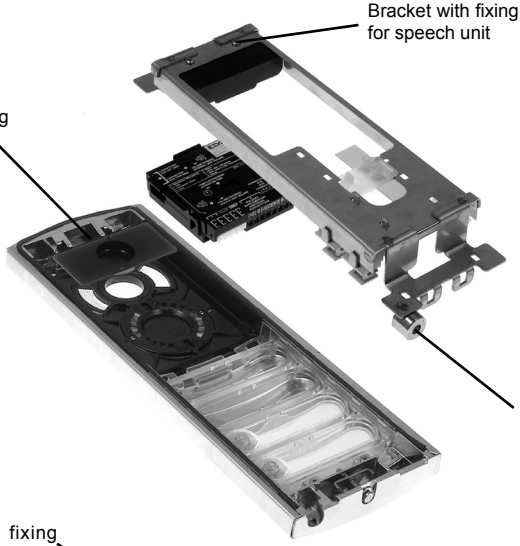
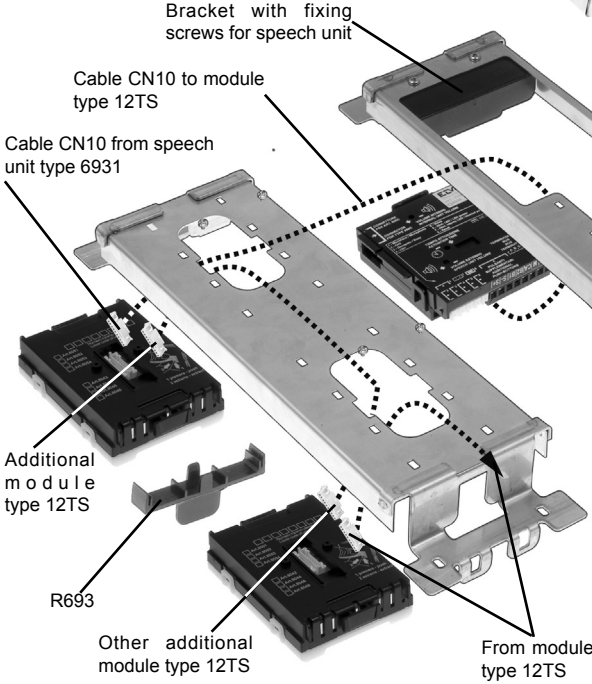


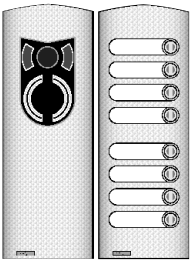
Fig. 6

Fig. 7



Art. 1222

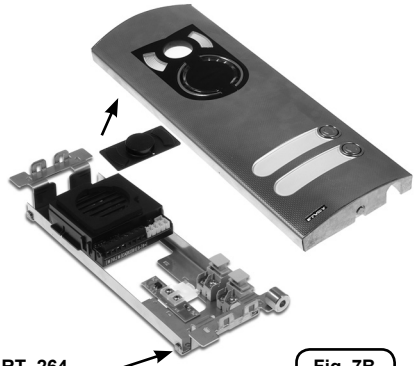




Art. 1220 Art. 1258

Fig. 7A

Insertion of microphone type 6931 (see instructions instructions for entrance panels series 1200)



ART. 264

Fig. 7B

In a 1200 series entrance panel for a configuration with more than 2 push-buttons, speech unit type 6931 is fitted in an audio/video plate without push-buttons type 1220 by coupling one or more additional plates with push-buttons type 125x for the installation of additional modules with 4 push-buttons type 12TS.

Art. 8101
Art. 8102

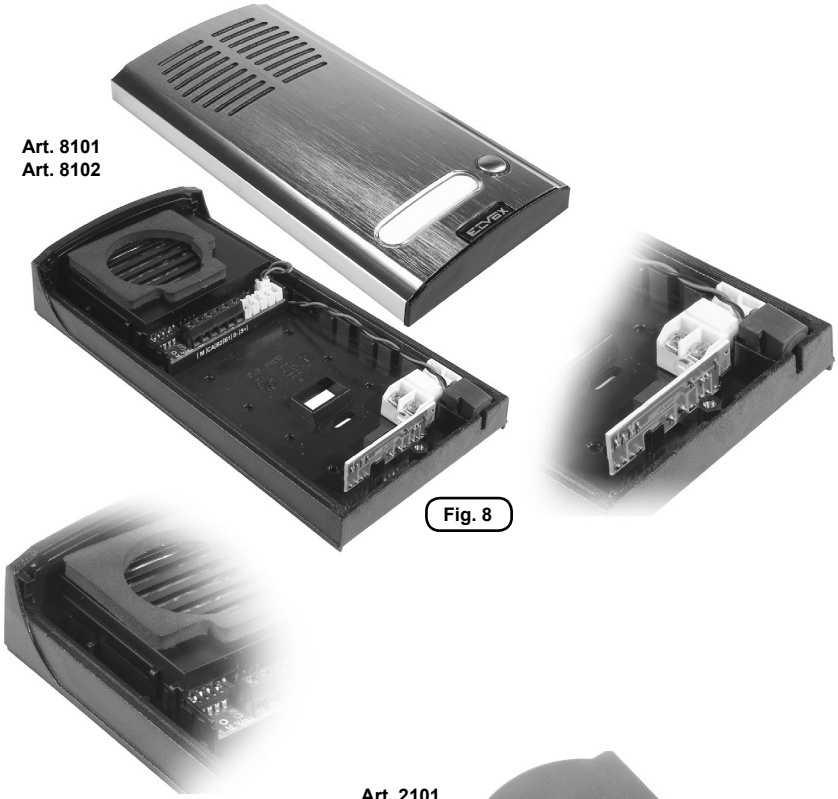


Fig. 8

Art. 2101
Art. 2102

Fig. 9

Art. 2550/301 + ART. R261
Art. 2550/302 + ART. R261

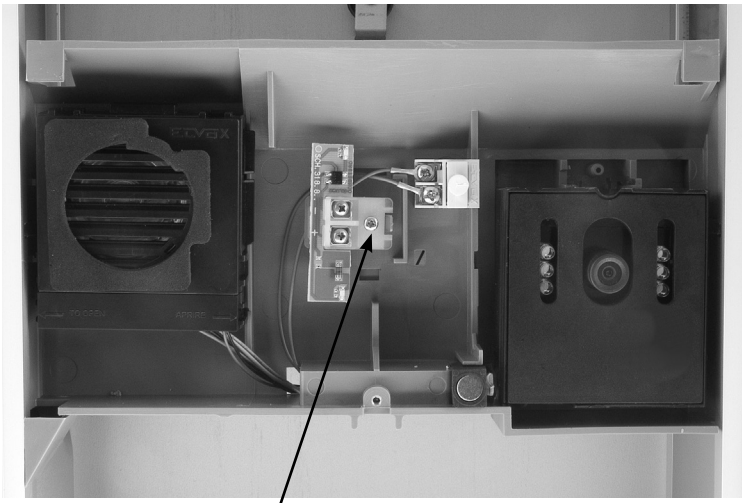
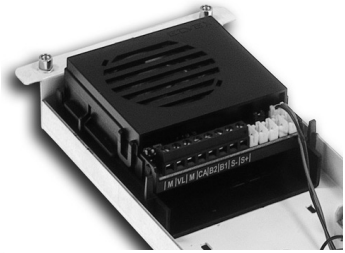


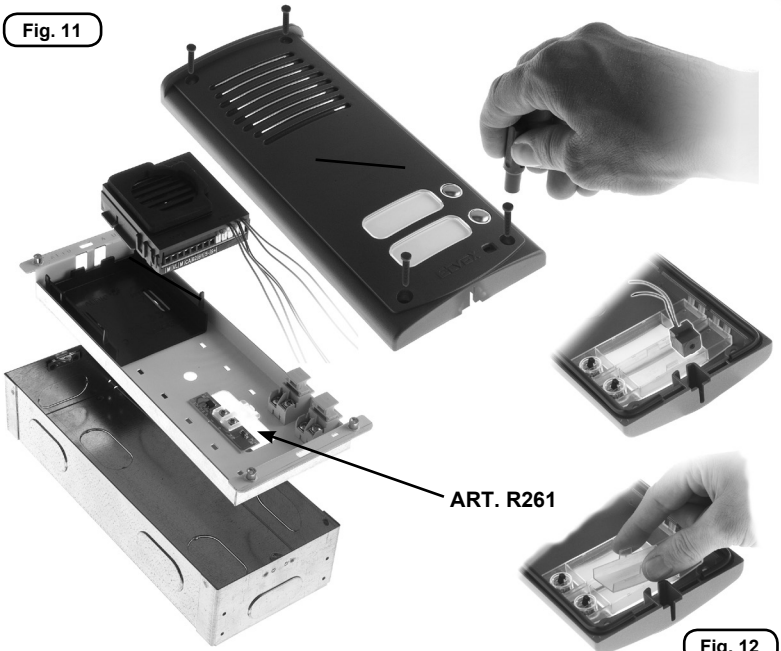
Fig. 10

ART. R261



Art. 3301 + ART. R261
Art. 3302 + ART. R261

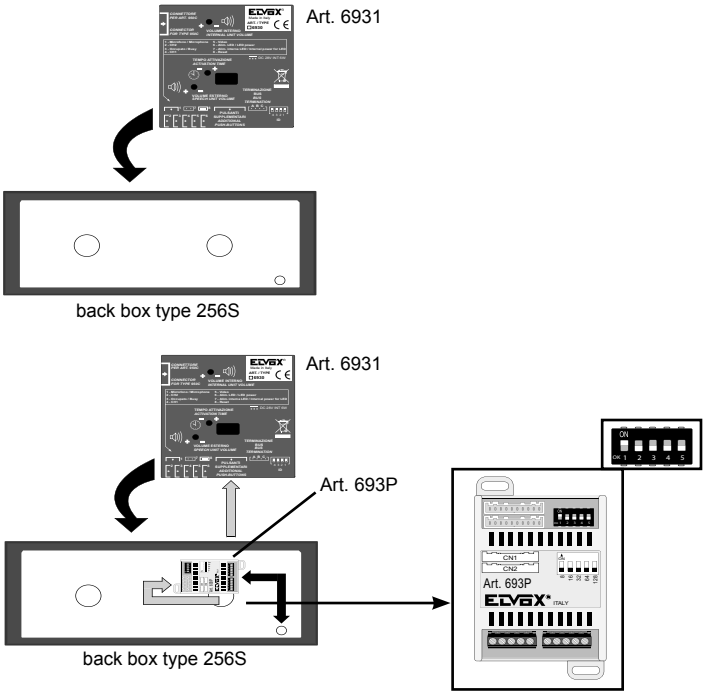
Fig. 11



ART. R261

Fig. 12

Fig. 13

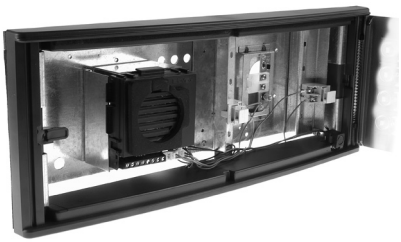


1 Short wire supplied with type 693P

2 Long wires supplied with type 693P/M

Wires supplied

Wire supplied by the installer



ADVANCED SOFTWARE CONFIGURATIONS

The advanced configurations can be made via the programmer Art. 950C or PC Software SaveProg (Art. 69CD) with interface Art. 692I or Art. 692I/U by connecting it on the right-hand side of the speech unit (see Fig. 14):

Fig. 14

The programmer keypad layout is as follows:

The button

has no function because the programmer is powered via the bus. For the same reason the auto-shutdown function is not available.

The programmer keys and enable selection of the following item from the main menu:

```
Select Function:
Terminal Mode
```

During the phase of waiting for the response from the speech unit, the display shows:

```
Entering
Terminal  Mode
```

After a few seconds the programmer display will show the type and release of the software for the speech unit:

```
Program. 6939 OK
GG/MM/AA  V 4.00
```

If the speech unit is connected to one of the modules 6570, 657C, 693T, the code 6931 is replaced by 693V.

When it disappears the first item on the programming menu will appear. The programming procedure ends either due to timeout or by pressing the

button while you are in any of the external menus listed below.

MESSAGE LANGUAGE

This indicates the language used to display the messages for the configuration of the electronic unit.

Programming can be in Italian (default local language) or in the other available languages:

```
Lingua Messaggi
Italiano
```

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	LANGUAGE
	Italian
	English
	English
	German
	Spanish
	Portuguese
	Greek

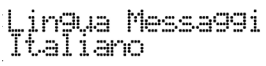
To cancel press

. To confirm, press

. Acceptance of the command, as in all cases, is shown on the first line of the display:

```
Fatto!
Italian
```

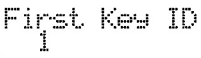
The display now changes to:



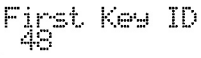
By pressing you move onto the previous item of the programming menu.

FIRST BUTTON ID

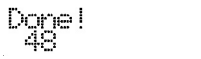
Press button to move to the next item by which you can change the number of the audio/video door entry unit called in correspondence with the pushbutton CH1 of the speech unit.



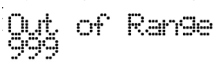
To change the ID, enter a number between 1 and 200.



To cancel press . To confirm, press . Acceptance of the command, as in all cases, is shown on the first line of the display



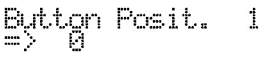
If the ID is outside the limit, the first line of the display will signal the incongruity:



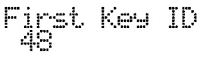
By pressing you move onto the previous item of the programming menu.

REMAPPING PUSHBUTTONS (HARDWARE / SOFTWARE CONVERSION)

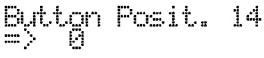
Press to move to the next item by which you can change the number of the mointor called in correspondence with any pushbutton of the speech unit. When programmed accordingly, the user can set the system so that several pushbuttons call the same intephone/ monitor. By default each pushbutton calls the intephone/ monitor door entry unit corresponding to the physical position on the keypad. This is indicated by the value 0 on the conversion table:



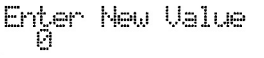
To change the pushbutton to resign, press it directly or key in the digits so as to form a number between 1 and 200.



In the second case, to cancel press . To confirm the pushbutton, press .



To change mapping, press :



enter a number between 1 and 200.

```
Enter New Value
  28
```

To cancel press EXIT. To confirm, press F2 OK. Acceptance of the command, as in all cases, is shown on the first line of the display:

```
Done!
  28
```

Afterwards you go back to see the new programming value and you can continue with another pushbutton:

```
Button Posit. 14
=> 28
```

If the ID is outside the limit, the first line of the display will signal the incongruity:

```
Out of Range
999
```

Use keys ↑ and ↓ to move from one pushbutton to another. From the position of pushbutton 1, press ↓. to move to the next item in the programming menu. To cancel all the remapping, instead of pressing a pushbutton or entering the number, press F1 0 :

```
1=Reset Numbers
```

You are asked to confirm by pressing 1:

```
1=Reset Numbers
YES
```

and then F2 OK Press EXIT or F1 0 F2 OK to cancel the procedure. If remapping reset is selected, the following is displayed:

```
Please wait...
```

And at the end:

```
Done!
Please wait...
```

Press R to pass quickly, skipping all the intermediate steps, onto the previous item of the programming menu.

SINGLE PUSHBUTTONS

Press ↓ to move to the next item by which you can choose from the pushbuttons on one (default) or two columns.

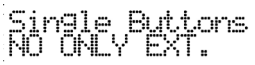
```
Single Buttons
NO
```

To change the configuration, press 1 for a single column:

```
Single Buttons
YES
```

or F1 0 for a double column. To cancel press EXIT. Programming is confirmed with F2 OK:

As push-button number extension you can choose the use of only external push-buttons, either in single either in double row. To do this instead of [0 F1] you can use [2 ABC].



instead of [1 –] you can use [3 DEF].

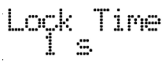
Press [↑] to move to the previous item of the programming menu.

LOCK TIME

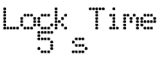
Press [↓] to move to the next item by which you can change the time for which the lock is activated whether controlled by intephone/ monitor or locally via the AC terminal of the terminal block.

When controlled by an intephone/ monitor, the Lock Block described below is observed.

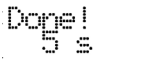
What is shown corresponds to the current value:



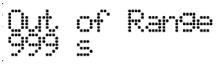
By keying in the digits, the time can be changed in steps of one second:



To cancel press [EXIT]. To confirm, press [OK F2]. Acceptance of the command, as in all cases, is shown on the first line of the display



If the time is outside the limit, that is longer than 5 seconds, the first line of the display will signal the incongruity:



By pressing [↑] you move onto the previous item of the programming menu.

D.O. (DOOR OPEN) SEND TIME

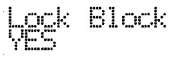
Normally an entrance panel sends over the bus a notification of the D.O. (Door Open) input status only when it changes. The Master entrance panel sends the global status (*at least one door is open* or *all the doors are closed*) only when it changes. In some situations it is desirable for this to be done periodically. Using buttons [0 F1] to [9 WXYZ] enter the send time in minutes. [0 F1] to disable. Press [OK F2] to confirm the change.

Default = disabled, 1' minimum, 90' maximum

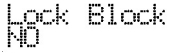
LOCK BLOCK

Press to move to the next item by which you can activate or deactivate (default) the lock command block by an intephone/ monitor. When the block is inserted, the door lock can be activated only if the interphone/video interphone is called by the speech unit, or in conversation with it or it has self inserted.

The current value is shown on display:



Press to activate the block, press to eliminate it:



To cancel press . To confirm, press . Acceptance of the command, as in all cases, is shown on the first line of the display

Press to move onto the previous item of the programming menu.

ENABLING

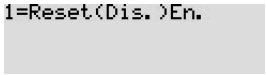
ONE or more electronic units can be configured in such a way as to inhibit or enable lock release control signals received from indoor units. Letter **D** is used to indicate the disabled status of Direct control signals transmitted to the electronic unit. Letter C is used to indicate the enabled status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

Use the and buttons 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 and enable the controls, see table:

BUTTON	ACTION
	Direct lock
	Common Lock

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 . The display will show the confirmation request.



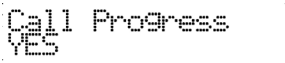
The numeric keys now have the following meaning:

Button	Display	Direct action	Common action
F1 0	1=Reset(Dis.)En. NO	Nothing changes	Nothing changes
ABC 2	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
MNO 6	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

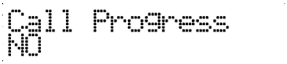
Default = direct commands enabled, indirect commands disabled

SOUND IN THE SPEECH UNIT

Press to move to the next item by which you can activate (default) or deactivate the call control tone in the speech unit. The current value is shown on display:



Press to activate the sound, press to eliminate it:

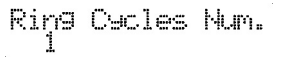


To cancel press . To confirm, press . Acceptance of the command, as in all cases, is shown on the first line of the display:

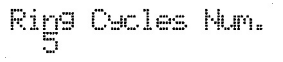
Press to move onto the previous item of the programming menu.

RINGTONE CYCLE NUMBER

Press to move to the next item by which you can change the number of call cycles emitted by the speech unit. Each ringtone cycle follows the rhythm of 1 s ringtone and 2 s pause, which means each cycle lasts 3 s. What is shown corresponds to the current value:



By keying in the digits, the number of cycles can be changed:



To cancel press . To confirm, press . Acceptance of the command, as in all cases, is shown on the first line of the display:

Press to move onto the previous item of the programming menu.

CONTROLLER PUSHBUTTON

Press [▼] to move to the next item by which you can program which pushbuttons may be associated with the call of one of the four porter's lodge controllers contemplated in the ELVOX 2-WIRE system.

By default there is no assignment:

```
SwitchBoard Key1
Not Assigned
```

Enter a number between 1 and 200:

```
Enter Key Pos.
  24
```

To cancel, press [EXIT]. To confirm, press [F2 OK]. Acceptance of the command, as in all cases, is shown on the first line of the display:

```
Done!
  24
```

If the ID is outside the limit, the first line of the display will signal the incongruity:

```
Out of Range
999
```

To cancel the assignment, enter 0 for the ID.

It is possible to move from one pushbutton to another also by using [▲] and [▼]. From the position of pushbutton 1, press [▼] to move to the next item of the programming menu.

Press [R] to move quickly, skipping all the intermediate steps, to the previous item of the programming menu.

AUDIO CALL BUTTON [R]

This parameter enables configuring 4 IDs for receiving an audio call even if the signal is sent from a video electronic unit. Use the [▲] and [▼] buttons to choose the location to be programmed, then buttons [F1 0] to [WXYZ 9] to select the ID. Press the [F2 OK] button to confirm.

Default: not configured.

COMMON LOCKS

Press [▼] to move to the next item by which you can program for which other lock operations the current speech unit must activate its output. In practice the lock output of a speech unit can be activated not only by a direct command, but indirectly because the lock of another speech unit (at most another four) has been commanded. It is clear that in this case any Lock Block is not respected. By default there is no assignment:

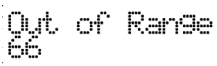
```
Common Lock 1
Not Assigned
```

Enter a number between 1 and 15, i.e. the ID of an entrance panel (in this case the first of four possible choices) for controlling whose lock also the current speech unit must activate its own:

```
Common Lock 1
  5
```

To cancel, press [EXIT]. To confirm, press [F2 OK]. Acceptance of the command, as in all cases, is shown on the first line of the display:

If the ID is outside the limit, the first line of the display will signal the incongruity:



To cancel the assignment, enter 0 for the ID.

It is possible to move from one index to another also by using and .From position 1, press to move to the next item of the programming menu. Press to move quickly, skipping all the intermediate steps, to the previous item of the programming menu.

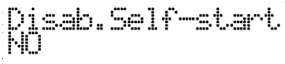
Entering numbers between 21 and 36, then the programmed object will not be an electronic unit, but an operator or relay module. Number 21 identifies the 1st relay of the 1st operator. Unlike the lock, F1 or F2, operators are not governed by any kind of disabling, as described under heading "**ENABLING** ". For display purposes, entrance panels have a letter "P" prefix, and operators a letter "A".

DISABLE SLAVE PANEL SEARCH

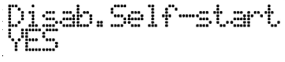
This parameter is present only if the entrance panel is the Master. It can be used to disable the search for Slave electronic units via the Master electronic unit, on start-up or after pressing the RESET button. Press to deactivate the search, and to activate the search. Press to confirm the change.

SELF-INSERTION / SELF-START DISABLING

Press to move to the next item by which the main speech unit can be configured so as not to perform the self-insertion / self-start function at the system level. By default the function is on, do disabling is NO:



To activate the setting, press :

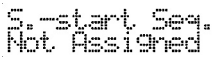


Followed by :

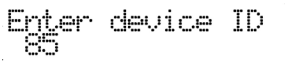
To deactivate it, press and .

SELF-INSERTION / SELF-START SEQUENCE

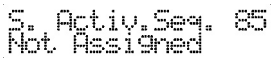
Press to move to the next item by which you can program the self-insertion / self-start sequence of the speech units, interphone by interphone. By default there is no sequence and so only the MASTER speech unit is used. The item appears only if the programmer is connected to a MASTER speech unit, otherwise you move to the next function.



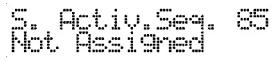
To change the ID of the interphone/monitor press buttons [↑] and [↓]. Otherwise, enter the number of the interphone/monitor, from 1 to 200:



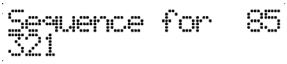
To cancel, press [EXIT]. To confirm, press [F2 OK]. To change the sequence of the selected interphone/monitor, starting from where the current value is shown, press [F2 OK].



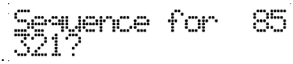
To specify the sequence of entrance panels, use the [1 –] .. [WXYZ 9] buttons for the first 9 entrance panels.



For panels with ID greater than 9, a prefix mechanism is used with the aid of button [F1 0]. Press it a first time, in place of a digit the '?' symbol appears



Now, press a button between [F1 0] and [JKL 5] so as to form the ID between 10 and 15



Given that only one location is used on the display to show these values, the letters A to F are used, according to the following table:

BUTTON	ID LETTER	LETTER
[F1 0]	10	A
[1 –]	11	B
[ABC 2]	12	C
[DEF 3]	13	D
[GHI 4]	14	E
[JKL 5]	15	F

The last ID present in the sequence can be cancelled by means of the key [R]. IDs may be duplicated within a sequence. The maximum limit is 15 per interphone/monitor.

To help compose equal sequences, for this programming there is the concept of "notebook" or "clipboard". During editing mode, and when there is no '?' symbol displayed, if the user presses the key [↓], the sequence shown on display is copied into a temporary memory zone.

The user can terminate the current sequence, by moving to another interphone/monitor and pressing , thus recalling this memory which replaces the one present. To cancel press EXIT To confirm, press F2 OK. Acceptance of the command, as in all cases, is shown on the first line of the display:

```
Done!
321A
```

It is possible to move from one ID to another also by using and . From the position of ID 1, press to move to the next item in the programming menu. To cancel all the sequences, starting from where the current value is shown, press F1 0:

```
1=Reset S.start
```

You are asked to confirm by pressing 1:

```
1=Reset S.start
YES
```

and then F2 OK. Press EXIT or F1 0 F2 OK to cancel the procedure. If you choose to reset the sequences, the display shows:

```
Please wait...
```

And at the end:

```
Done!
Please wait...
```

Press R to move quickly, skipping all the intermediate steps, to the previous item of the programming menu.

TIMES
In Art. 6931 the times are adjusted via the trimmers on the inside and accessible externally on the back of the speech unit with the aid of a screwdriver (see speech unit adjustments Fig. 15). The lock time instead is set via software.

SEE FIG. 15
VIDEO CAMERA TIME
The VIDEO CAMERA TIME trimmer adjusts the activation time of the video camera for the three states in which it can function:

MODE	MINIMUM (s)	MAXIMUM (s)
CALL	7,5	30
CONVERSATION	30	120
SELF-START	5	20

VOLUME
In Art. 6931 the volumes are set with trimmers on the inside:

SEE FIG. 15
EXTERNAL VOLUME
The external volume is set with the V.E.
INTERNAL VOLUME trimmer
The internal volume is set with the V.I. trimmer

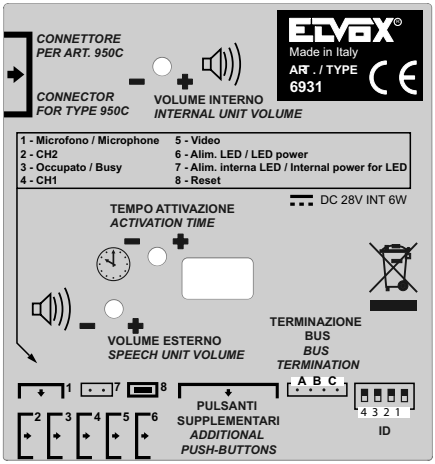


Fig. 15

CALL
The ringtone of the call from a speech unit does not follow the rhythm of the button being pressed, but is regenerated. The number of cycles is programmed at each speech unit and is equal to two by default. The ringtone cycle follows the rhythm of 1 second ringtone and 2 seconds pause. This applies both to the ringtone for video / audio door entry units and for any call control in the speech unit.
The response can be made at any moment within the time set in the speech unit; this time starts from the end of the last ringtone cycle. To respond simply unhook the handset. If the handset is already unhooked at the time of the call, press and release the hook to have a conversation. The duration of the conversation is fixed in each speech unit. There is an exception on having to press and release the hook to respond: this is not necessary, direct sound, if the call is made within 10 seconds of forced release from the speech unit.

RINGTONE MUTE
If the audio / video door entry units (where applicable) are in the ringtone mute state, the call is not possible and at the speech unit there will be the so-called “dissuasion tone” with its very short and frequent beeps emitted for a few seconds. For each rejected call, the audio / video door entry units increase a counter to make the red LED blink with a cycle of approximately 10 seconds. In this time the LED briefly goes out for the number of times the calls have been rejected, up to a maximum of 4. If the system is switched off or the video door entry unit reset, this information is lost.

BUSY (optional)
When a call is in progress in the same section of the bus where the speech unit is located, the BUSY / WAIT sign lights up until it is freed.
The separator Art. 692S prevents the engagement of a pillar for blocking any other pillar, permitting simultaneous communications.

Legenda for wiring diagram

Minimum conductor section	
Terminals	**Ø up to 10m**
Electric lock	1,5 mm^2
Others: **-**, **+U**, **+I**, -**L** (**#**)	1 mm^2
# Additional power supply units (type 6923, 6582, 6982) must be installed as near as possible to the device to which they are connected.	

*** BUS TERMINATION**

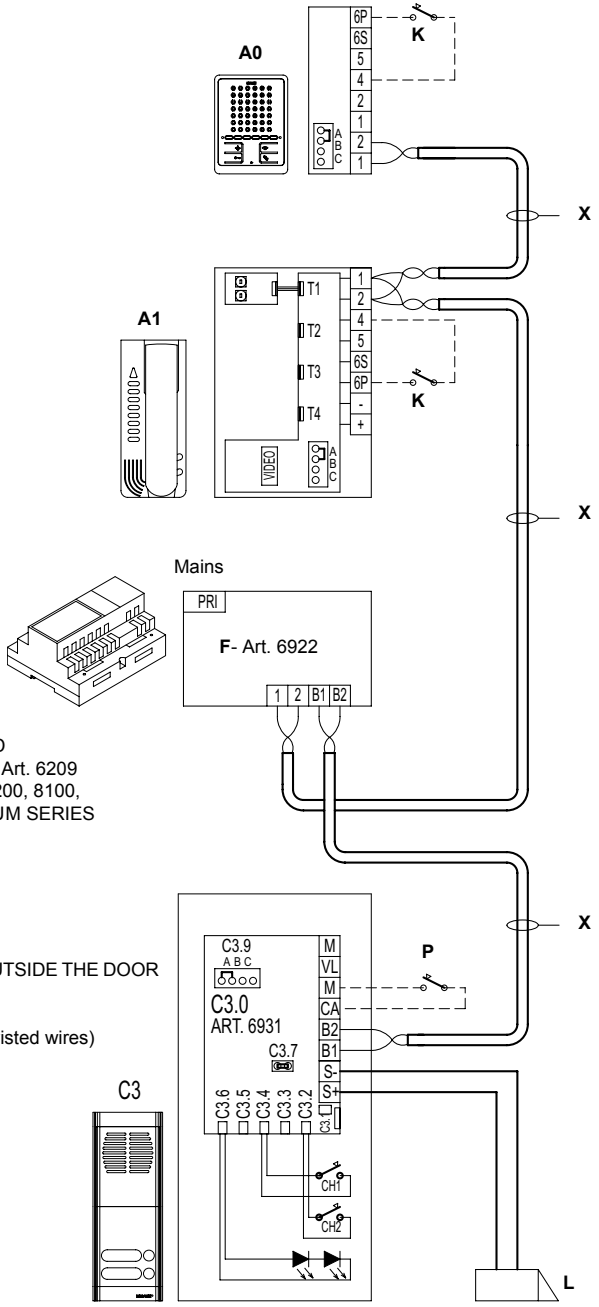
This note applies to all devices with **Due Fili Plus** technology equipped with “BUS termination connector or dip-switch”, which is identified by the screen-printed letters “ABC” and marked on the wiring diagrams with *****.
For correct adaptation of the line, make the setting according to the following rule:
Maintain position “A” if the BUS enters and exits from the device;
Move to position “B” (if Elvox cable) or to position “C” (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.

“A” = NO TERMINATION
“B” = TERMINATION 100 ohm
“C” = TERMINATION 50 ohm

INSTALLATIONS WITH PASSIVE DISTRIBUTOR 692D
(DIN rail version)
ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).
For termination of type 692D: If outputs “OUT”, “2”, “3” or “4” are not used, KEEP the jumper on the “TOUT”, “T2”, “T3” or “T4” connector. The default “TOUT” connector is in the “100” position (Elvox cable), position it to “50” only if using a CAT5 twisted pair cable.

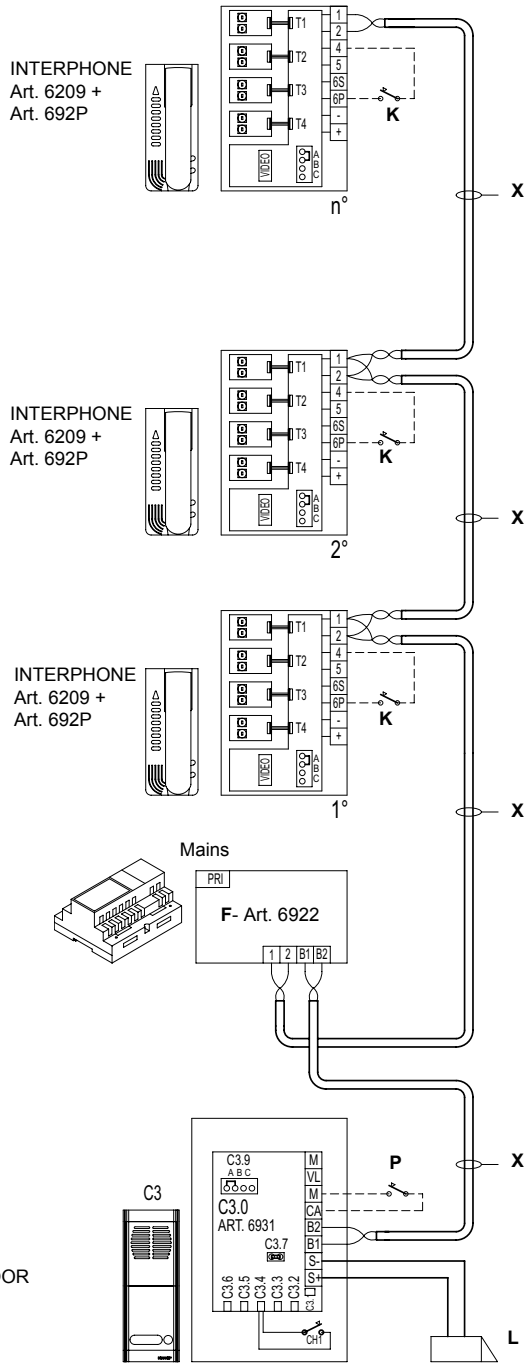
INSTALLATIONS WITH ACTIVE DISTRIBUTOR 692D/2.
The termination jumper must be positioned on “B” (for Elvox cable) or on “C” (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on “A” if effecting entry-exit using terminals 1-2 on 692D/2.

SIMPLE AUDIO ENTRANCE PANEL SYSTEM WITH SPEECH UNIT TYPE 6931 AND INTERPHONES TYPE 6209 AND TYPE 8879 (REF. SI569).



A0 - INTERPHONE Art. 6901, Art. 6901/D
A1 - INTERPHONE SERIE PETRARCA Art. 6209
C3 - AUDIO ENTRANCE PANEL 8000, 1200, 8100, 1300, 3300, 2550/301-302, PATAVIUM SERIES
C3.0- AUDIO SPEECH UNIT ART. 6931
C3.2 - CALL PUSH-BUTTON (CH1)
C3.4 - CALL PUSH-BUTTON (CH2)
C3.6 - NAME-TAG LIGHTING
C3.7- POWER SUPPLY LED
F - POWER SUPPLY type 6922
K- PUSHBUTTON FOR CALL FROM OUTSIDE THE DOOR
L- ELECTRIC LOCK 12~
P- DOOR CONTROL
X - CABLE type 732H, type 732I (Two twisted wires)

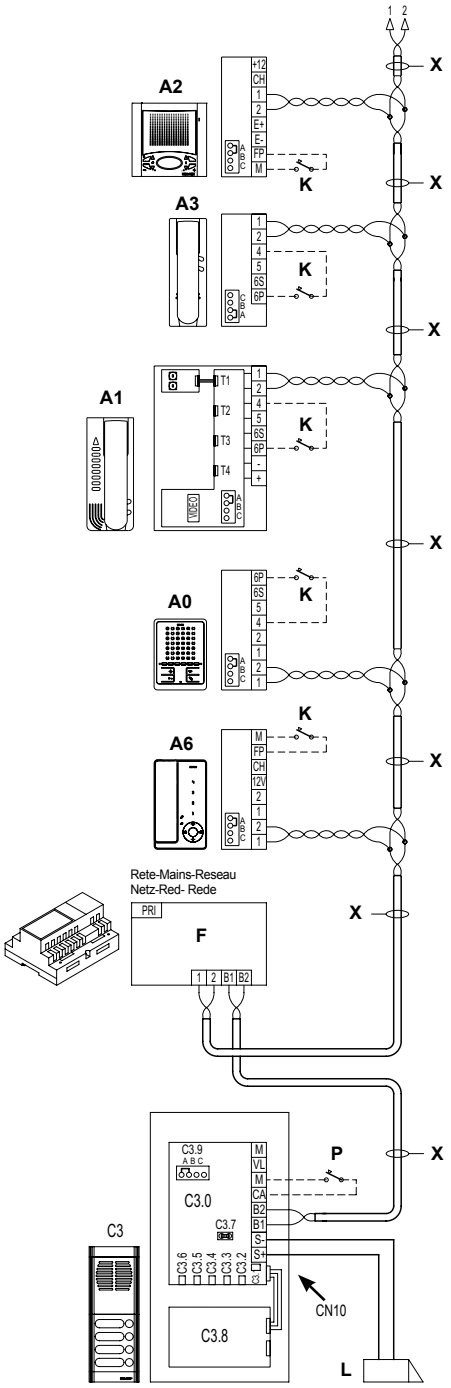
AUDIO ENTRANCE PANEL SYSTEM WITH SPEECH UNIT TYPE 6931 WITH ONE CALL AND INTERCOMMUNICATING INTERPHONES TYPE 6209 (UP TO 8) (REF. SI568).



C3 - AUDIO ENTRANCE PANEL 8000, 1200, 8100, 1300, 3300, 2550/301-302, PATAVIUM SERIES
C3.0- AUDIO SPEECH UNIT ART. 6931
C3.4 - CALL PUSH-BUTTON (CH2)
C3.7- POWER SUPPLY LED
F - POWER SUPPLY type 6922
K- PUSHBUTTON FOR CALL FROM OUTSIDE THE DOOR
L- ELECTRIC LOCK 12~
P- DOOR CONTROL
X - CABLE type 732H, type 732I (Two twisted wires)

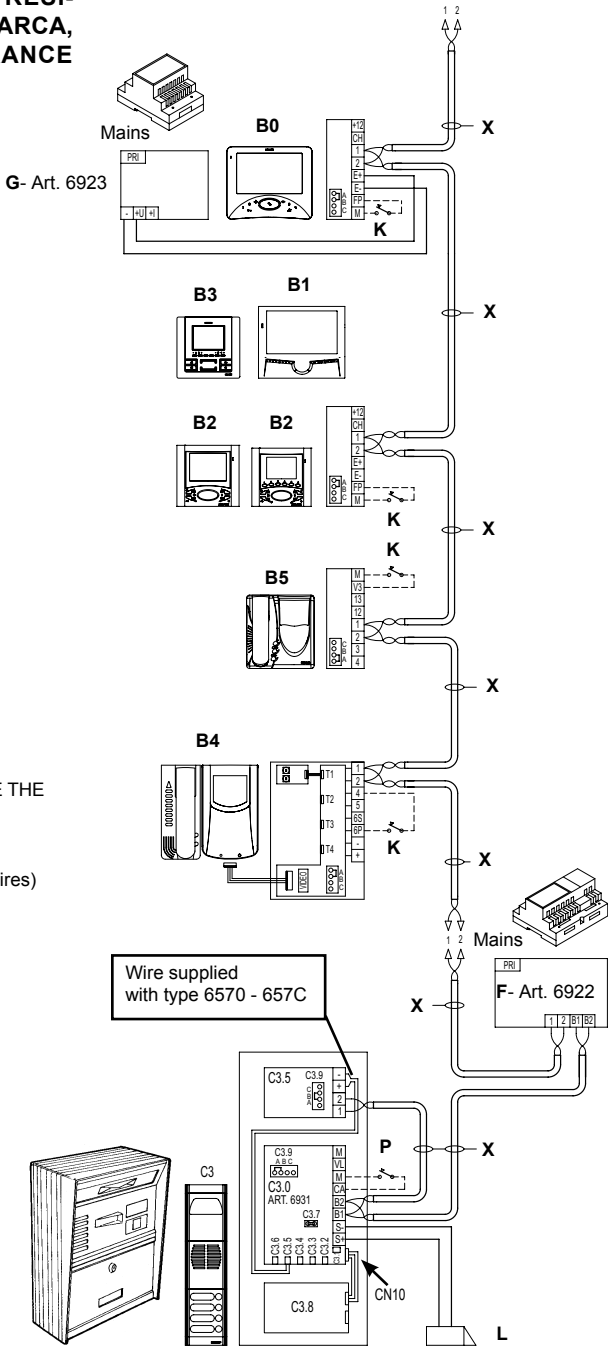
SIMPLE AUDIO DOOR ENTRY SYSTEM WITH SPEECH UNIT ART. 6931 AUDIO DOOR ENTRY UNITS ART. 6209 AND ART. 8879. (REF. SI431).

NOTE:
When the speech unit Art. 6931 has more than 4 supplementary modules Art. 8054, remove the jumper C3.7 and connect a supplementary power supply to the terminals (VL)+ and (M)-.



A0 - INTERPHONE Art. 6901, Art. 6901/D
A1 - INTERPHONE SERIE PETRARCA Art. 6209
A2 - INTERPHONE SERIE 6600
Art. 6601/AU, 660C/AU, 6701/AU
Art. 6611/AU, 661C/AU, 6711/AU, Art. 6xxx/AUF
A3 - INTERPHONE SERIE 8870 Art. 8879
A6 - INTERPHONE SERIE TAB Art. 7509
C3 - AUDIO ENTRANCE PANEL 8000, 1200, 8100, 1300, 3300, 2550/301-302, patavium SERIES
C3.0- AUDIO SPEECH UNIT ART. 6931
C3.7- POWER SUPPLY LED
C3.8- SUPPLEMENTARY MODULE
Art. 8051, 8052, 8053, 8054, 12TS
F - POWER SUPPLY type 6922
K- PUSHBUTTON FOR CALL FROM OUTSIDE THE DOOR
L- ELECTRIC LOCK 12~
P- DOOR CONTROL
X - CABLE type 732H, type 732I (Two twisted wires)

VIDEO INTERPHONE ENTRANCE PANEL SYSTEM FOR SINGLE OR MULTI RESIDENCE WITH MONITORS TYPE PETRARCA, GIOTTO, 6600 AND A VIDEO ENTRANCE PANEL (REF. SI527).



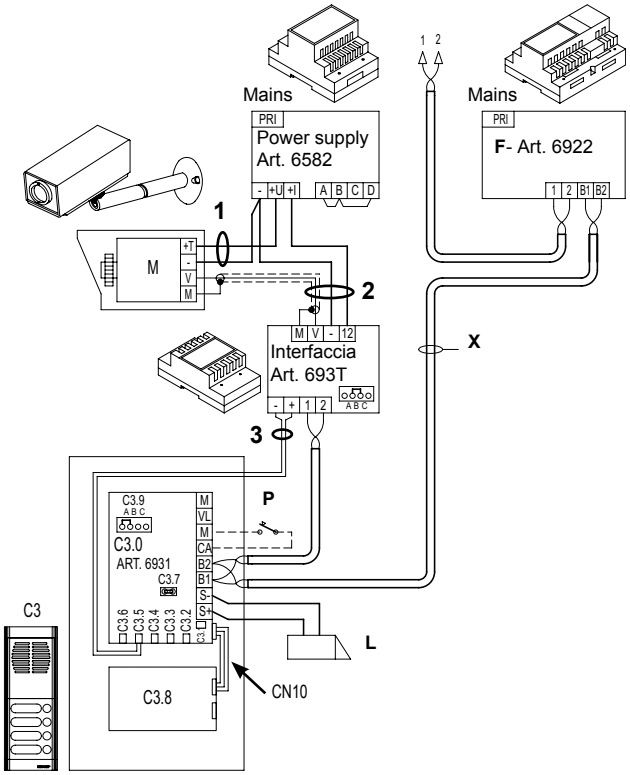
B0- MONITOR SERIES WIDE TOUCH ART. 7211
B1 - MONITOR SERIES 7200 ART. 7211
B2 - MONITOR SERIES 6600
Art. 6621, 662C, 6721
Art. 6611, 661C, 6711,
Art. 6xxx/F
B3 - MONITOR SERIES 6800
Art. 6801, Art. 68MV + 68M1
B4 - MONITOR SERIES PETRARCA
Art. 6029/C + 6209 + 6145
Art. 6029 + 6209 + 6145
B5 - MONITOR SERIES GIOTTO
Art. 6329, 6329/C
C3 - AUDIO ENTRANCE PANEL 8000 SERIES, LETTER BOX 2501 - 2502
C3.0- AUDIO SPEECH UNIT ART. 6931
C3.5- CAMERA
C3.7- POWER SUPPLY LED
C3.8- SUPPLEMENTARY MODULE
Art. 8051, 8052, 8053, 8054, 12TS
F - POWER SUPPLY type 6922
G - POWER SUPPLY type 6923
K- PUSHBUTTON FOR CALL FROM OUTSIDE THE DOOR
L- ELECTRIC LOCK 12~
P- DOOR CONTROL
X - CABLE type 732H, type 732I (Two twisted wires)

NOTE:
When the speech unit Art. 6931 has more than 4 supplementary modules Art. 8054 (8051, 8052, 8053, 8054) und 12TS, remove the jumper C3.7 and connect a supplementary power supply to the terminals (VL)+ and (M)-.

SIMPLE VIDEO ENTRANCE PANEL SYSTEM WITH SPEECH UNIT TYPE 6931 AND SEPARATE CAMERA BY MEANS OF INTERFACE TYPE 693T (REF. SI559).

1

Tab. 2 (Art. 693T)	
Termi-nals:**-**, **+U**	Max. distance: 100m Max. load: 250mA with Art. 6582 Section of conductors: 1 mm² up to 50m 1.5 mm² up to 100m



2

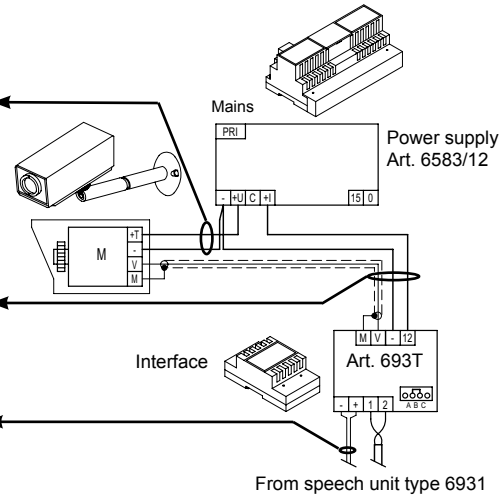
Tab. 1 (Art. 693T)	
Terminals: **-**, **12**	Max. distance: 100m Section of conductors: 1 mm² up to 100m
Terminals: **M**, **V**	Distanza Max: 100m con Cavo coassiale 75 Ohm tipo RG59

3

Terminals: **C3.5**	Max. distance: 100m Section of conductors: 1 mm² up to 100m Note: Use the cable supplied with type 693T connecting by means of terminal blocks two conductors to reach the required distance.

C3 - AUDIO ENTRANCE PANEL 8000, 1200, 1300, 8100, 3300, 2550/301-302, PATAVIUM SERIES
C3.0- AUDIO SPEECH UNIT ART. 6931
C3.7- POWER SUPPLY LED
C3.8- SUPPLEMENTARY MODULE Art. 8051, 8052, 8053, 8054, 12TS
F - POWER SUPPLY type 6922
K- PUSHBUTTON FOR CALL FROM OUTSIDE THE DOOR
L- ELECTRIC LOCK 12~
P- DOOR CONTROL
X - CABLE type 732H, type 732I (Two twisted wires)

Variant for connecting interface Art. 693T with power supply unit art. 6583/12 for video camera with power input greater than 250mA (REF. Si560)



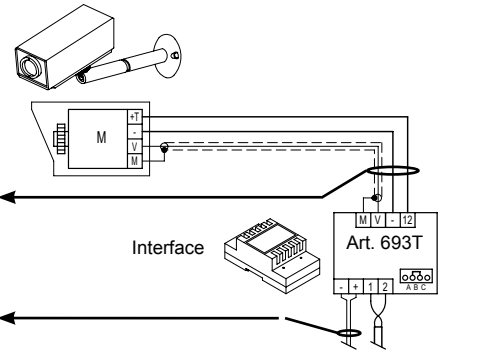
Tab. 2 (Art. 693T)	
Termi-nals:**-**, **+U**	Max. distance: 100m Max. load: 1.6A with Art. 6583/12 Section of conductors: 1 mm² up to 50m 1.5 mm² up to 100m

Tab. 1 (Art. 693T)	
Terminals: **-**, **12**	Max. distance: 100m Section of conductors: 1 mm² up to 100m
Terminals: **M**, **V**	Max. distance: 100m with coaxial cable 75 Ohm type RG59

Output: **C3.5**	Max. distance: 100m Section of conductors: 1 mm² up to 100m Note: Use the cable supplied with type 693T connecting by means of terminal blocks two conductors to reach the required distance.

M- 12V DC CCTV CAMERA

Variant for connecting interface Art. 693T with video camera supplied directly from the interface Art. 693T, only for video camera with power input less than 150mA (REF. Si560)



Tab. 1 (Art. 693T)	
Terminals: **-**, **12**	Max. distance: 100m Max. load: 150mA Section of conductors: 1 mm² up to 50m 1.5 mm² up to 100m
Terminals: **M**, **V**	Max. distance: 100m with coaxial cable 75 Ohm type RG59

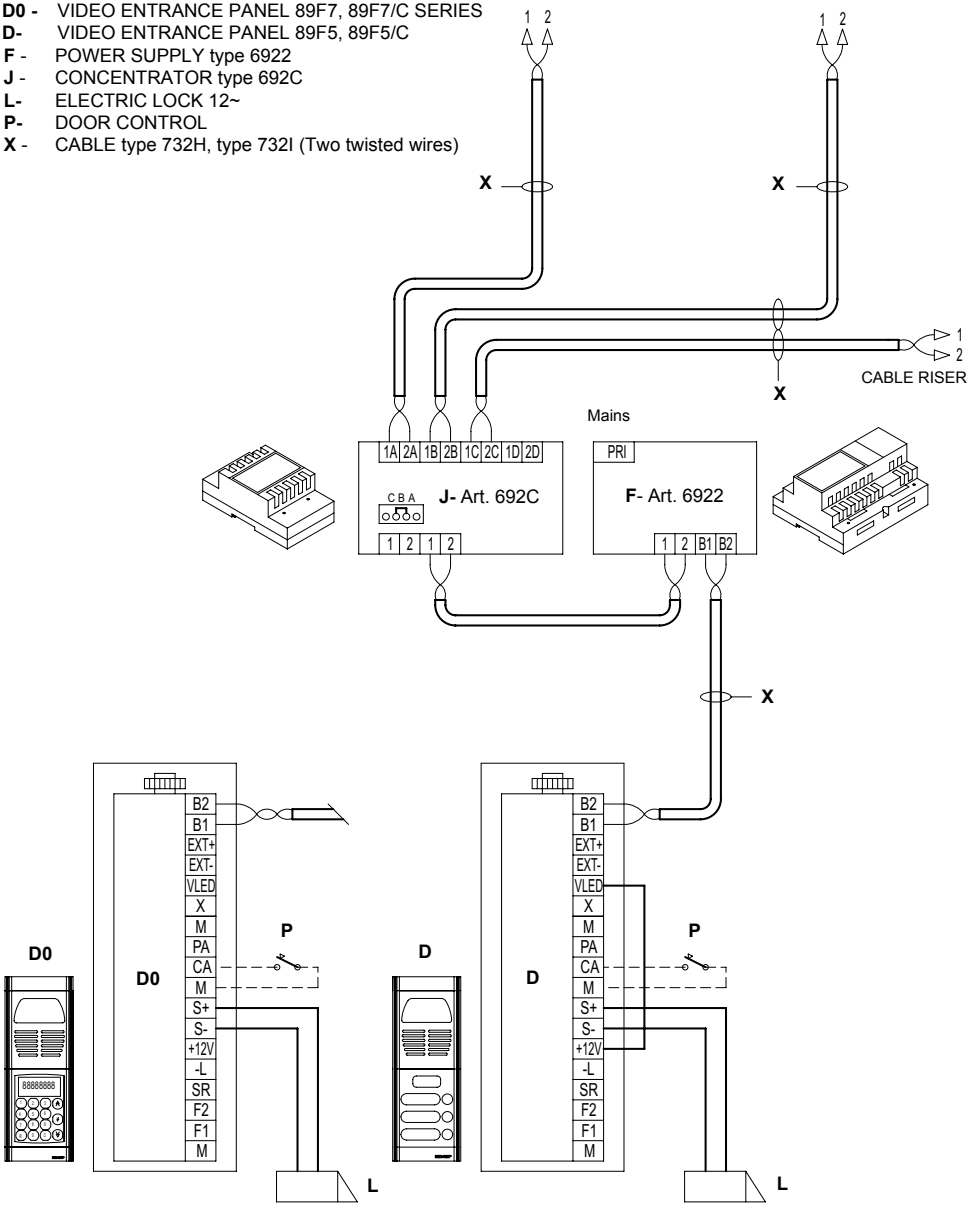
Output: **C3.5**	Max. distance: 100m Section of conductors: 1 mm² up to 100m Note: Use the cable supplied with type 693T connecting by means of terminal blocks two conductors to reach the required distance.

M- 12V DC CCTV CAMERA

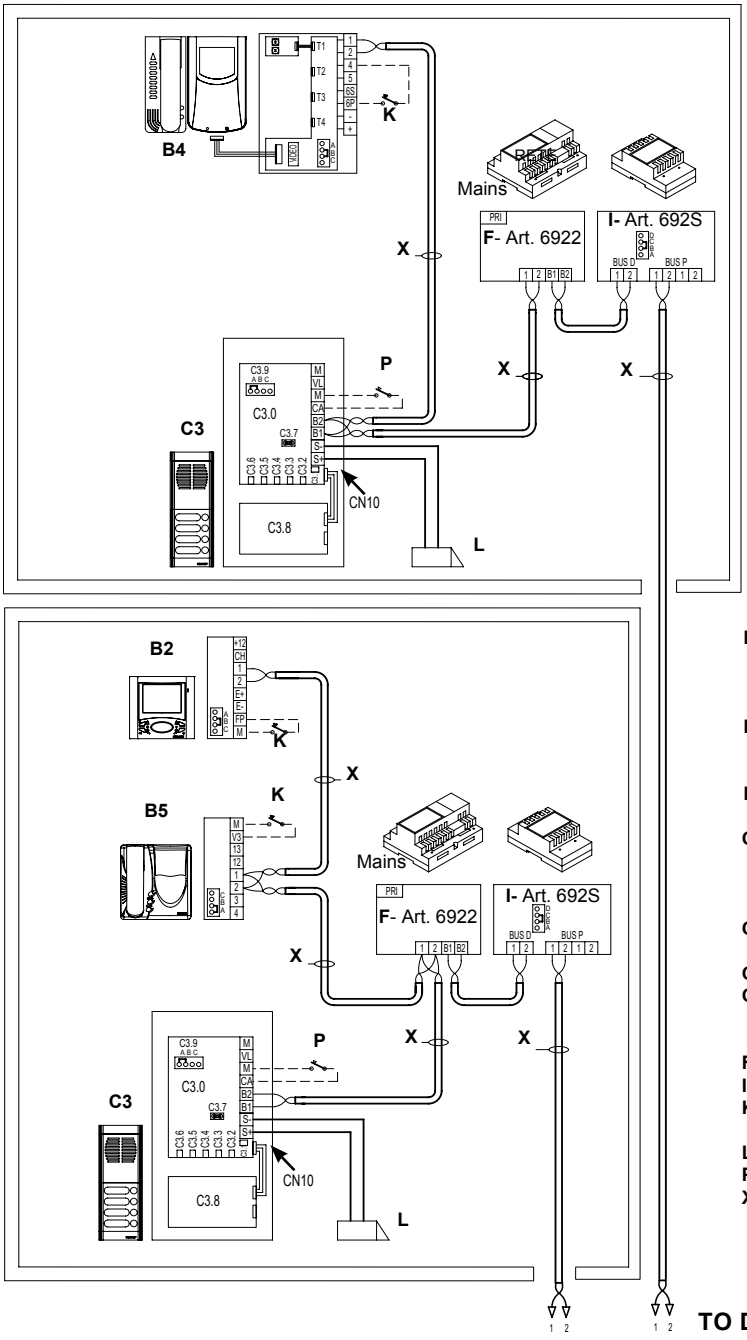
RISER WITH OPTION OF ALTERNATING BETWEEN THE PANEL WITH PUSH-BUTTONS ONLY AND THE ALPHANUMERIC PANEL, USED AS THE BASIS FOR INTERACTING WITH THE FOLLOWING TWO CONFIGURATIONS (REF. SI432R2).

TO DIAGRAM SI432R1 - SI429R1

D0 - VIDEO ENTRANCE PANEL 89F7, 89F7/C SERIES
D- VIDEO ENTRANCE PANEL 89F5, 89F5/C
F - POWER SUPPLY type 6922
J - CONCENTRATOR type 692C
L- ELECTRIC LOCK 12~
P- DOOR CONTROL
X - CABLE type 732H, type 732I (Two twisted wires)



VIDEO DOOR ENTRY SYSTEM WITH ONE VIDEO MAIN ENTRANCE PANEL AND TWO OR MORE USERS WITH A SECONDARY ENTRANCE PANEL WITH SPEECH UNIT ART. 6931 (REF. SI432R1).



NOTE:
When the speech unit Art. 6931 has more than 4 supplementary modules Art. 8054, remove the jumper C3.7 and connect a supplementary power supply to the terminals (VL)+ and (M)-.

B2 - MONITOR SERIES 6600
Art. 6621, 662C, 6721
Art. 6611, 661C, 6711,
Art. 6xxx/F

B4 - MONITORSERIESPETRARCA
Art. 6029/C + 6209 + 6145
Art. 6029 + 6209 + 6145

B5 - MONITOR SERIES GIOTTO
Art. 6329, 6329/C

C3 - AUDIO ENTRANCE PANEL 8000, 1200, 8100, 3300, 2550/301-302, PATAVIUM SERIES

C3.0- AUDIO SPEECH UNIT ART. 6931

C3.7- POWER SUPPLY LED

C3.8- SUPPLEMENTARY MODULE Art. 8051, 8052, 8053, 8054, 12TS

F - POWER SUPPLY type 6922

I- SEPARATOR type 692S

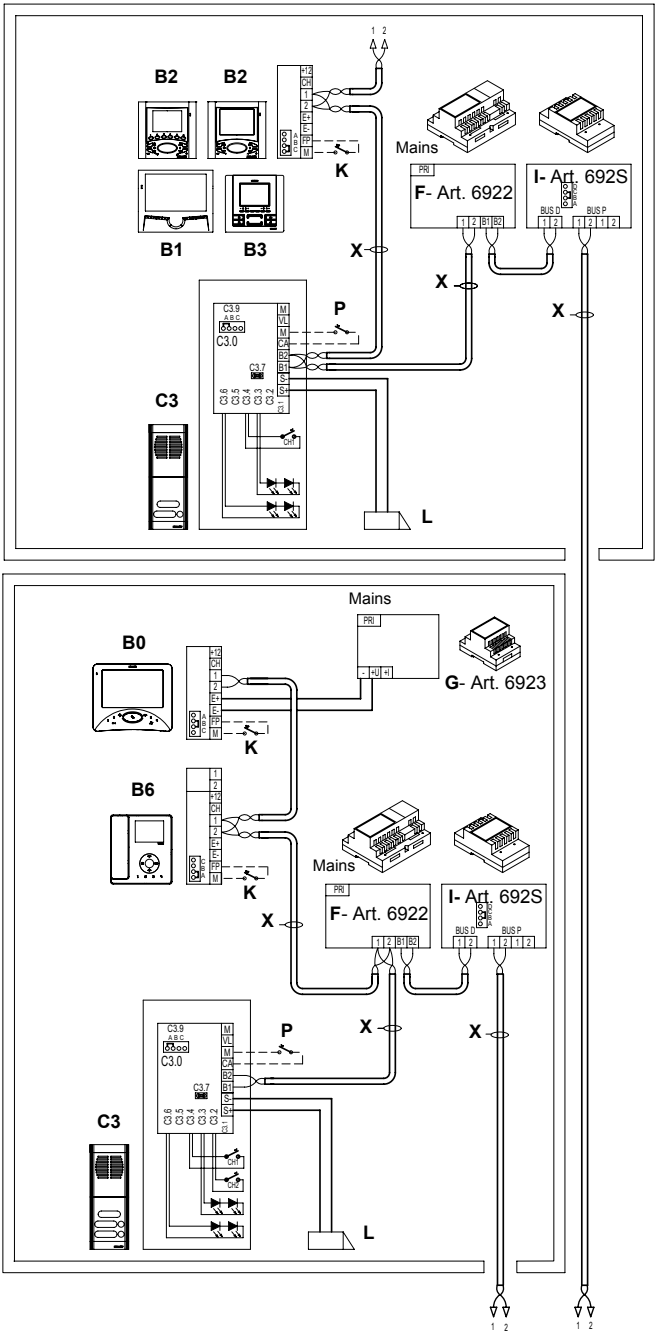
K- PUSHBUTTON FOR CALL FROM OUTSIDE THE DOOR

L- ELECTRIC LOCK 12~

P- DOOR CONTROL

X - CABLE type 732H, type 732I (Two twisted wires)

VIDEO ENTRANCE PANEL SYSTEM WITH ONE MAIN VIDEO ENTRANCE PANEL AND TWO OR MORE USERS WITH SECONDARY ENTRANCE PANEL WITH SPEECH UNIT TYPE 6931 (REF. SI429R1).

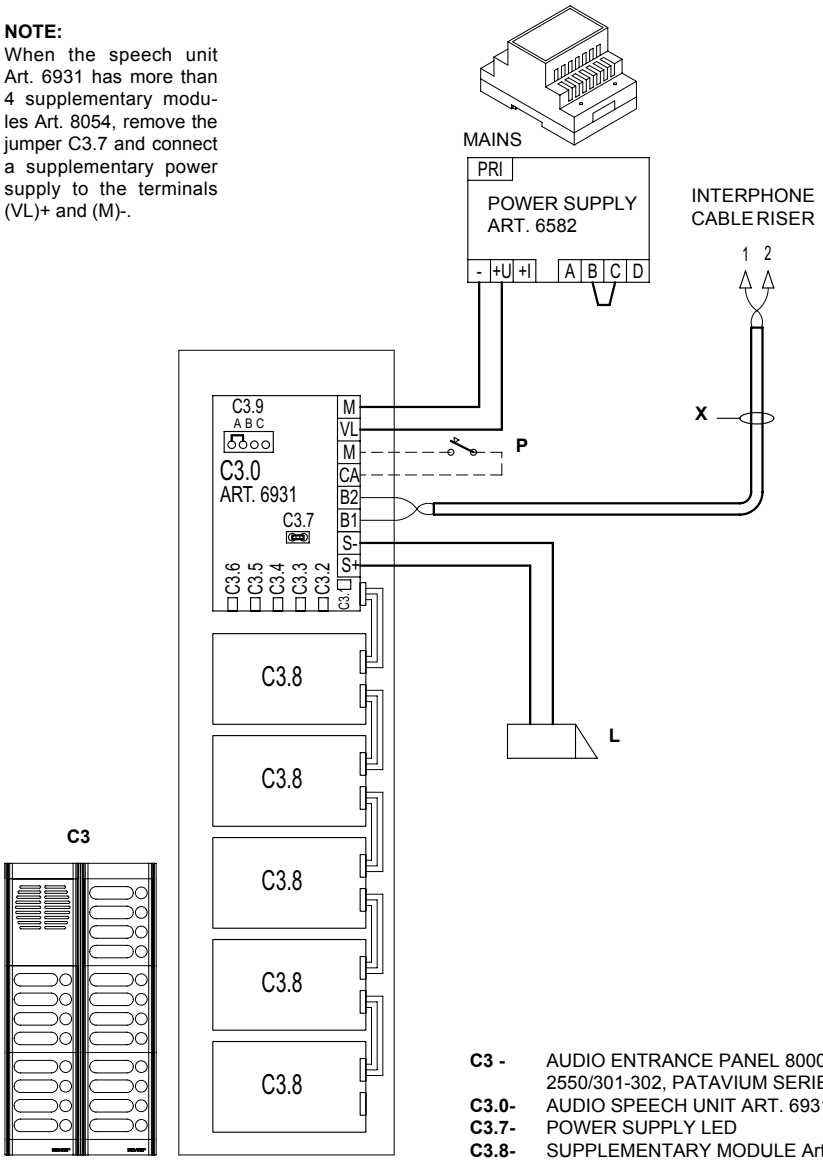


NOTE:
When the speech unit Art. 6931 has more than 4 supplementary modules Art. 8054, remove the jumper C3.7 and connect a supplementary power supply to the terminals (VL)+ and (M)-.

- **B0-** MONITOR SERIES WIDE TOUCH ART. 7211
- **B1** - MONITOR SERIES 7200 ART. 7211
- **B2** - MONITOR SERIES 6600
  Art. 6621, 662C, 6721
  Art. 6611, 661C, 6711,
  Art. 6xxx/F
- **B3** - MONITOR SERIES 6800
  Art. 6801, Art. 68MV + 68M1
- **B4** - MONITOR SERIES PETRARCA
  Art. 6029/C + 6209 + 6145
  Art. 6029 + 6209 + 6145
- **B5** - MONITOR SERIES GIOTTO
  Art. 6329, 6329/C
- **B6** - MONITOR SERIE TAB
  Art. 7529, 7529/D
- **C3 -** AUDIO ENTRANCE PANEL 8000, 1200, 8100, 3300, 2550/301-302, PATAVIUM SERIES
- **C3.0 -** SPEECH UNIT TYPE 6931
- **C3.2 -** CALL PUSH-BUTTON (CH2)
- **C3.4 -** CALL PUSH-BUTTON (CH1)
- **C3.3 -** "ENGAGED - PLEASE WAIT" SIGN
- **C3.6 -** NAME-TAG LIGHTING
- **F** - POWER SUPPLY Art. 6922
- **G**- ADDITIONAL POWER SUPPLY Art. 6923
- **I**- SEPARATOR ART. 692S
- **K -** OUTDOOR CALL PUSH-BUTTON.
- **L -** DOOR LOCK 12V ~
- **P -** LOCK RELEASE COMMAND
- **X** - CABLE type 732H, type 732I (Two twisted wires)

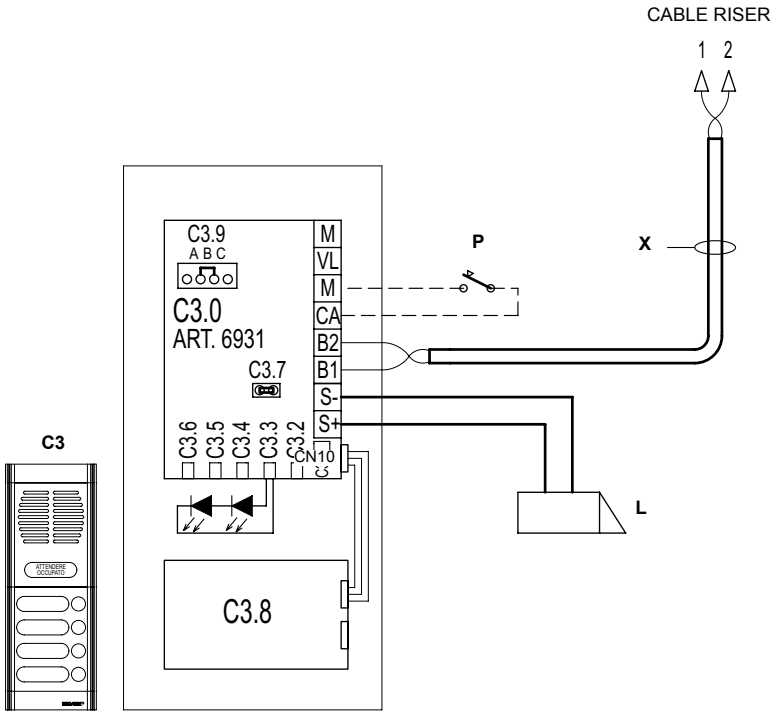
CONNECTION VARIATION FOR SPEECH UNIT ART. 6931 WITH MORE THAN FOUR SUPPLEMENTARY MODULES ART. 8054 AND SUPPLEMENTARY POWER SUPPLY ART. 6582 (REF. Si433).

NOTE:
When the speech unit Art. 6931 has more than 4 supplementary modules Art. 8054, remove the jumper C3.7 and connect a supplementary power supply to the terminals (VL)+ and (M)-.



C3 - AUDIO ENTRANCE PANEL 8000, 8100, 1200, 3300, 2550/301-302, PATAVIUM SERIES
C3.0- AUDIO SPEECH UNIT ART. 6931
C3.7- POWER SUPPLY LED
C3.8- SUPPLEMENTARY MODULE Art. 8051, 8052, 8053, 8054, 12TS SERIES
C3.10- SUPPLEMENTARY PUSHBUTTON CONNECTOR
L- ELECTRIC LOCK 12~
P - DOOR CONTROL
X - CABLE type 732H, type 732I (Two twisted wires)

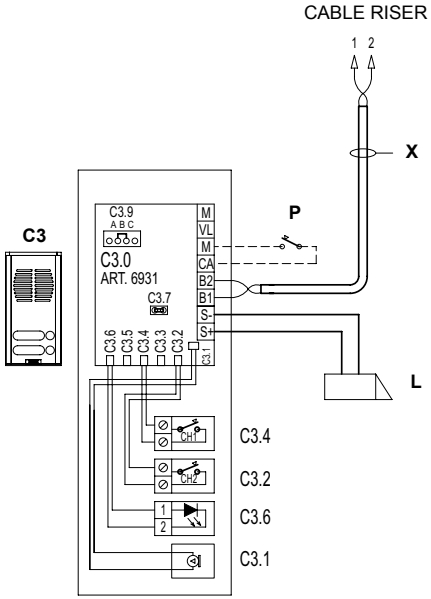
CONNECTION VARIATION FOR “BUSY WAIT” SIGN ON SPEECH UNIT ART. 6931 (REF. SI434).



C3 - AUDIO ENTRANCE PANEL 8000 SERIES + ART. 80PA
C3.0- AUDIO SPEECH UNIT ART. 6931
C3.3- “BUSY WAIT” SIGN
C3.7- POWER SUPPLY LED
C3.8- SUPPLEMENTARY MODULE
Art. 8051, 8052, 8053, 8054, 12TS
K- PUSHBUTTON FOR CALL FROM OUTSIDE THE DOOR
L- ELECTRIC LOCK 12~
P - DOOR CONTROL
X - CABLE type 732H, type 732I (Two twisted wires)

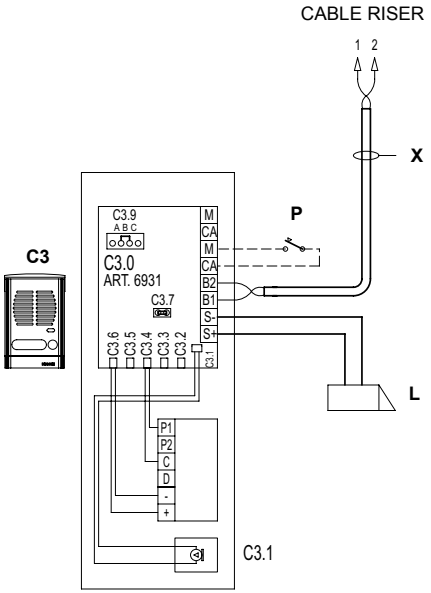
Variation of connection for installation of speech unit “DUE FILI ELVOX” (two wire Elvox) type 6931 in one entrance panel series 8100 (Ref. SI445)

C3 - AUDIO ENTRANCE PANEL SERIES 8100
C3.0 - SPEECH UNIT TYPE 6931
C3.1 - MICROPHONE
C3.2 - CALL PUSH-BUTTON (CH2)
C3.4 - CALL PUSH-BUTTON (CH1)
C3.6 - NAME-TAG LIGHTING
L - DOOR LOCK 12V ~
P - LOCK RELEASE COMMAND
X - CABLE type 732H, type 732I (Two twisted wires)



Variation of connection for installation of speech unit “DUE FILI ELVOX” (two wire Elvox) type 6931 in one entrance panel type 88T1 (Ref. SI446)

C3 - AUDIO ENTRANCE PANEL SERIES 88T1
C3.0 - SPEECH UNIT TYPE 6931
C3.1 - MICROPHONE
L - DOOR LOCK 12V ~
P - LOCK RELEASE COMMAND
X - CABLE type 732H, type 732I (Two twisted wires)



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

Installation rules

Installation should be carried out by qualified personnel in compliance with the current regulations regarding the installation of electrical equipment in the country where the products are installed.

Conformity

EMC directive

Standards EN 61000-6-1 and EN 61000-6-3.

REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

WEEE - Information for users

If the crossed-out bin symbol appears on the equipment or packaging, this means the product must not be included with other general waste at the end of its working life. The user must take the worn product to a sorted waste center, or return it to the retailer when purchasing a new one. Products for disposal can be consigned free of charge (without any new purchase obligation) to retailers with a sales area of at least 400m^2, if they measure less than 25cm. An efficient sorted waste collection for the environmentally friendly disposal of the used device, or its subsequent recycling, helps avoid the potential negative effects on the environment and people's health, and encourages the re-use and/or recycling of the construction materials.

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