

VIDEOKIT

VK4K/6256 SERIES

"6 Wire" bus one way, two way videokit

VK4K 10M

VK4KX 10M

VK4KC 10M



Installation handbook

Index

Introduction	2
System components and available versions	3
General directions for installation	6
Troubleshooting guide	7
Art. 4833/4833X Speaker unit	8
Art. 4901 Digital code lock module	14
4000 Series surface and flush mounting door station installation	18
Art. 6256 1.3" colour videophone	20
6290 Series Videophone wall mounting instructions	22
Art. 316 - Art. 316N 4 Way video distributor for system with balanced video signal	23
Installation diagrams	24

NOTES AND SUGGESTIONS

- All diagrams refer to all kits versions: flush or surface.
- Dashed connections refer to optional connections ("Local bell", "Push to exit" & "Door monitor").
- Some diagrams show how to connect a 12Vdc electric lock; these directions are suitable for all diagrams in this manual.
- Each time a setting is changed on a videophone (address, extension, number of rings etc.), the videophone must be disconnected from the relevant connection board then after a few seconds reconnected again to allow the recognizing of the new setting.

DECLARATION OF RESPONSIBILITY

This manual has been written and revised carefully. The instructions and the descriptions which are included in it are referred to VIDEX parts and are correct at the time of print. However, subsequent VIDEX parts and manuals, can be subject to changes without notice. VIDEX Electronics S.p.A. cannot be held responsible for damages caused directly or indirectly by errors, omissions or discrepancies between the VIDEX parts and the Manual.

WE RECOMMEND

This equipment is installed by a Competent Electrician, Security or Communications Engineer.

System components and available versions

VK4K/6256 Colour videokit

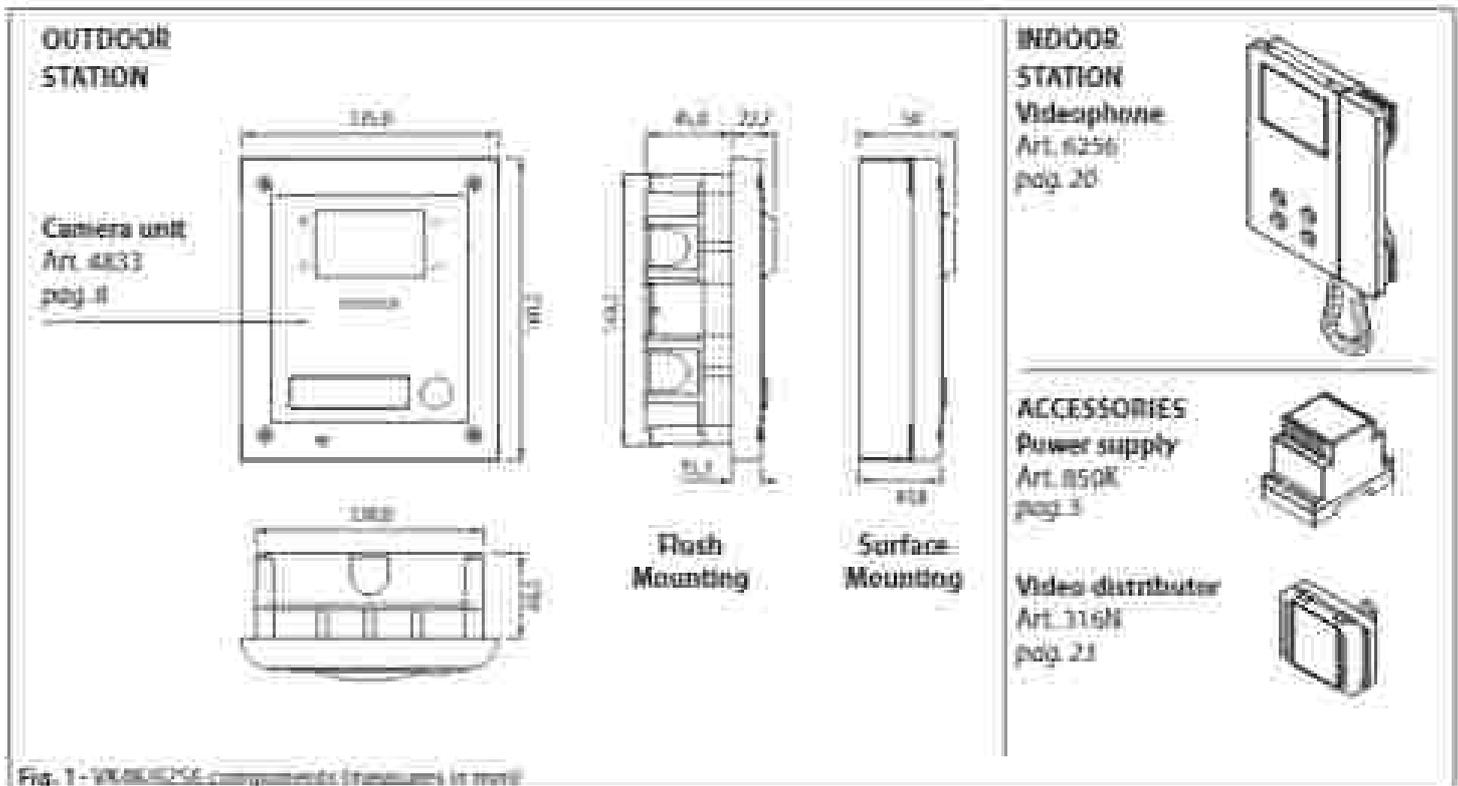


Fig. 1 - VK4K/6256 components (measures in mm)

ONE WAY VERSIONS	VK4K-1/6256 - flush mounting	1 Outdoor station composed of: 1 Art. 4833-1: 1 button camera unit 1 Art. 4851: Flush mounting box	1 Colour videophone Art. 6256	1 Power supply Art. 850K
	VK4K-1S/6256 - surface mounting	1 Outdoor station composed of: 1 Art. 4833-1: 1 button camera unit 1 Art. 4801: Surface mounting box	1 Colour videophone Art. 6256	1 Power supply Art. 850K
TWO WAY VERSIONS	VK4K-2/6256 - flush mounting	1 Outdoor station composed of: 1 Art. 4833-2: 2 button camera unit 1 Art. 4851: Flush mounting box	2 Colour videophones Art. 6256	2 Power supplies Art. 850K 1 Video distributor Art. 316N
	VK4K-2S/6256 - surface mounting	1 Outdoor station composed of: 1 Art. 4833-2: 2 button camera unit 1 Art. 4801: Surface mounting box	2 Colour videophones Art. 6256	2 Power supplies Art. 850K 1 Video distributor Art. 316N

VK4KX/6256 Colour videokit with embended proximity key reader.

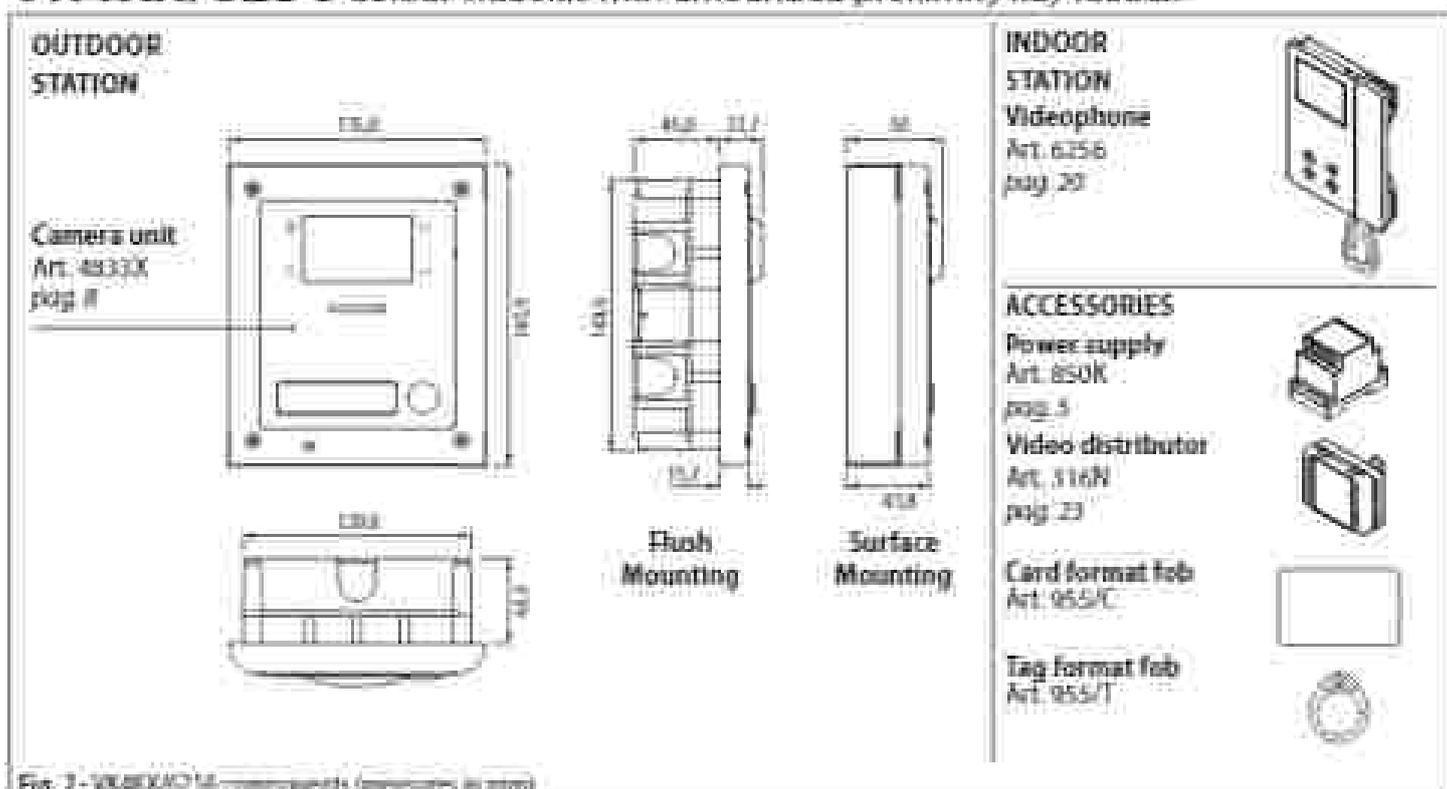


Fig. 2 - VK4KX/6256 components (measures in mm)

VERSIONS	OUTDOOR STATION	INDOOR STATION	ACCESSORIES
ONE WAY VERSIONS	VK4KX-1/6256 - flush mounting 1 Outdoor station composed of: 1 Art. 4833X-1: 1 button camera unit 1 Art. 4851: Flush mounting box	1 Colour videophone Art. 6256	1 Power supply Art. 850K 1 Card format fob Art. 955/C 2 Tag format fobs Art. 955/T
	VK4KX-1S/6256 - surface mounting 1 Outdoor station composed of: 1 Art. 4833X-1: 1 button camera unit 1 Art. 4881: Surface mounting box	1 Colour videophone Art. 6256	1 Power supply Art. 850K 1 Card format fob Art. 955/C 2 Tag format fobs Art. 955/T
TWO WAY VERSIONS	VK4KX-2/6256 - flush mounting 1 Outdoor station composed of: 1 Art. 4833X-2: 2 button camera unit 1 Art. 4851: Flush mounting box	2 Colour videophones Art. 6256	2 Power supplies Art. 850K 1 Card format fob Art. 955/C 4 Tag format fobs Art. 955/T
	VK4KX-2S/6256 - surface mounting 1 Outdoor station composed of: 1 Art. 4833X-2: 2 button camera unit 1 Art. 4881: Surface mounting box	2 Colour videophones Art. 6256	2 Power supplies Art. 850K 1 Video distributor Art. 316N 1 Card format fob Art. 955/C 4 Tag format fobs Art. 955/T

VK4KC/6256 Colour videokit plus a code lock module.

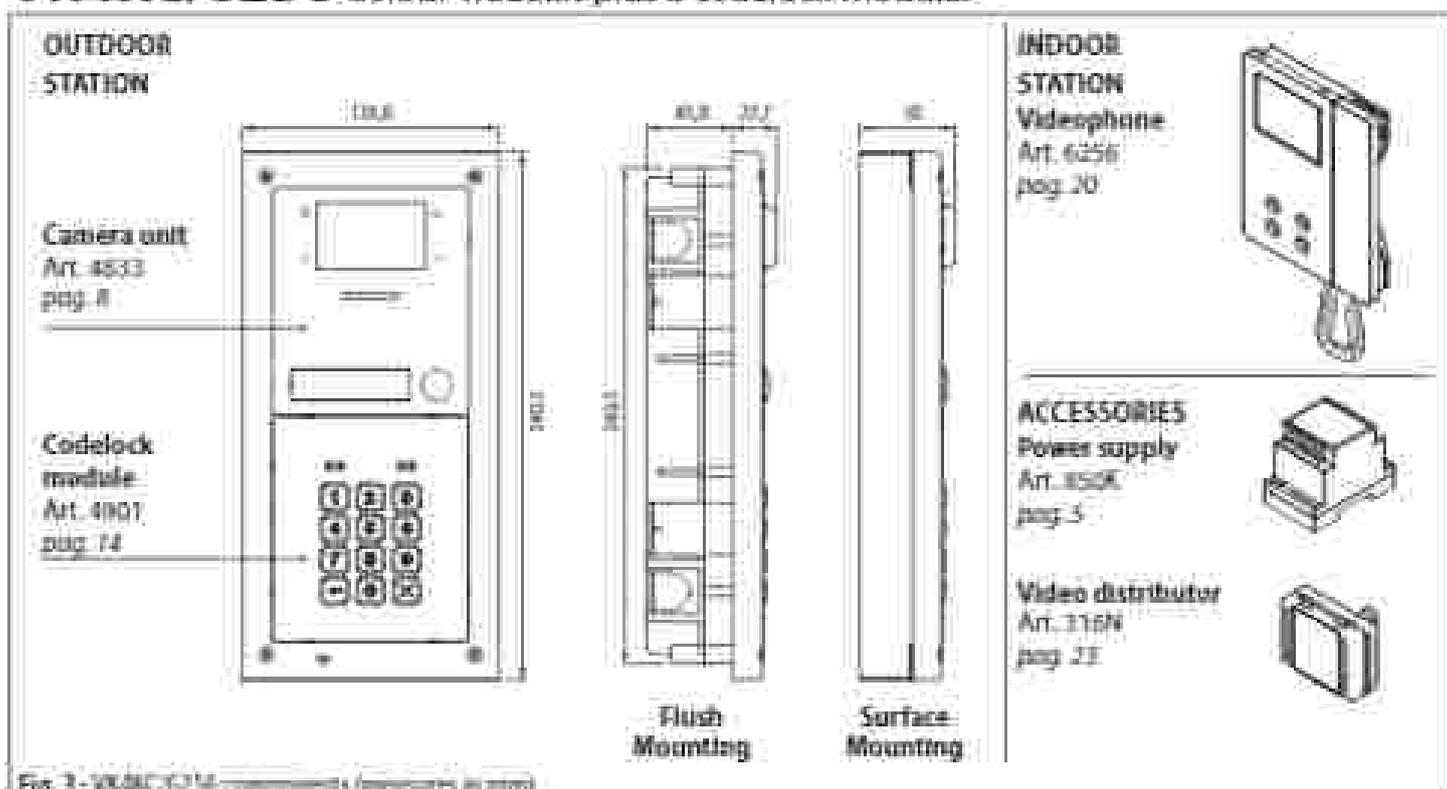


Fig. 3 - VK4KC/6256 components (measures in mm)

ONE WAY VERSIONS	VK4KC-1/6256 - flush mounting  <ul style="list-style-type: none"> 1 Outdoor station composed of: 1 Art. 4833-1: 1 button camera unit 1 Art. 4901: Code lock module 1 Art. 4852: Flush mounting box 	 <ul style="list-style-type: none"> 1 Colour videophone Art. 6256 	 <ul style="list-style-type: none"> 1 Power supply Art. 850K
	VK4KC-1S/6256 - surface mounting  <ul style="list-style-type: none"> 1 Outdoor station composed of: 1 Art. 4833-1: 1 button camera unit 1 Art. 4901: Code lock module 1 Art. 4882: Surface mounting box 	 <ul style="list-style-type: none"> 1 Colour videophone Art. 6256 	 <ul style="list-style-type: none"> 1 Power supply Art. 850K
TWO WAY VERSIONS	VK4KC-2/6256 - flush mounting  <ul style="list-style-type: none"> 1 Outdoor station composed of: 1 Art. 4833-2: 2 button camera unit 1 Art. 4901: Code lock module 1 Art. 4852: Flush mounting box 	 <ul style="list-style-type: none"> 2 Colour videophones Art. 6256 	 <ul style="list-style-type: none"> 2 Power supplies Art. 850K
	VK4KC-2S/6256 - surface mounting  <ul style="list-style-type: none"> 1 Outdoor station composed of: 1 Art. 4833-2: 2 button camera unit 1 Art. 4901: Code lock module 1 Art. 4882: Surface mounting box 	 <ul style="list-style-type: none"> 2 Colour videophones Art. 6256 	 <ul style="list-style-type: none"> 2 Power supplies Art. 850K
		 <ul style="list-style-type: none"> 1 Video distributor Art. 316N 	
		 <ul style="list-style-type: none"> 1 Video distributor Art. 316N 	

General directions for installation

CONNECTION TO MAINS

The system must be installed according to national rules in force, in particular we recommend to:

- Connect the system to the mains through an **all-pole circuit breaker** which shall have contact separation of at least 3mm in each pole and shall disconnect all poles simultaneously.
- The **all-pole circuit breaker** shall be placed for easy access and the switch shall remain readily operable.

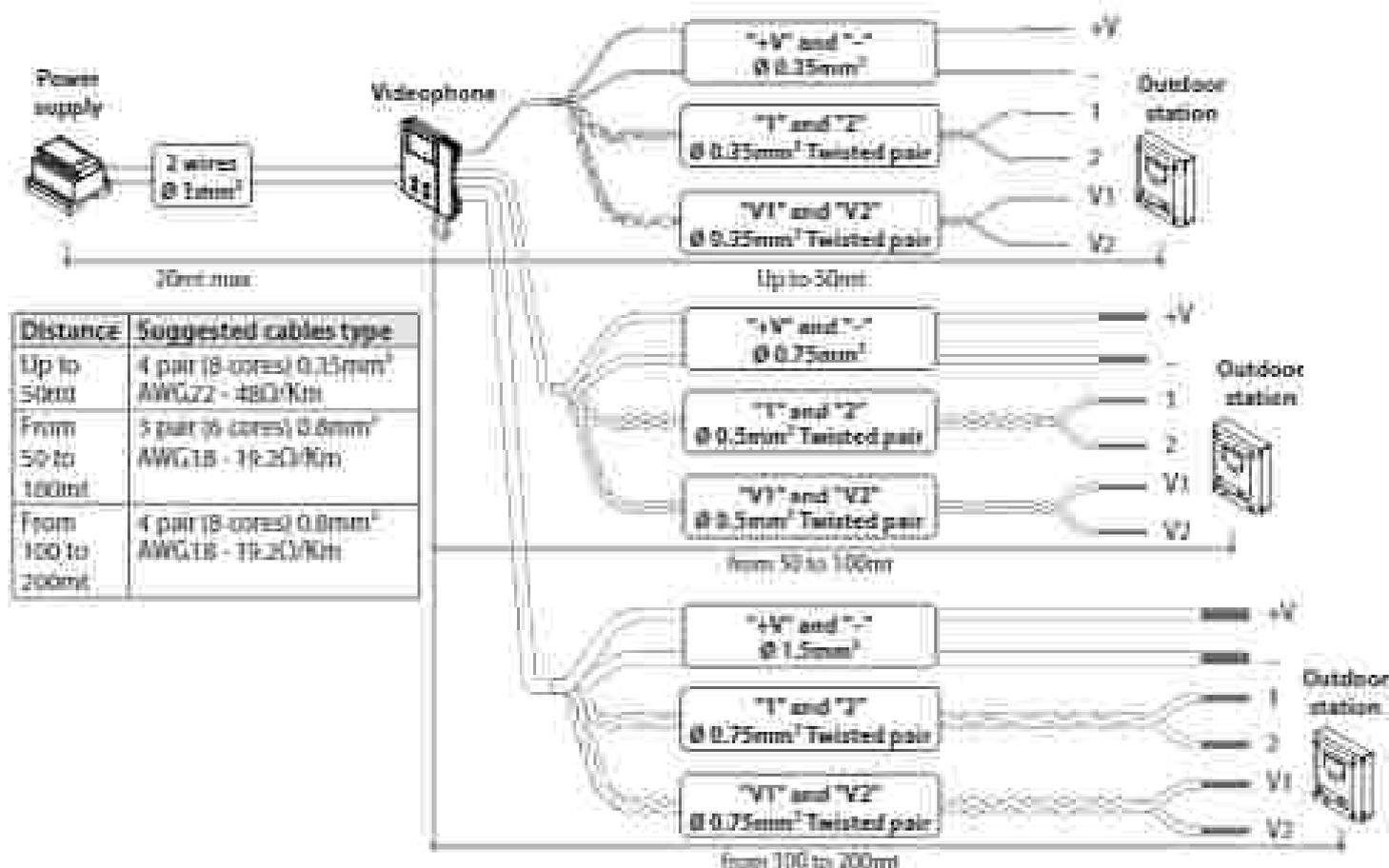
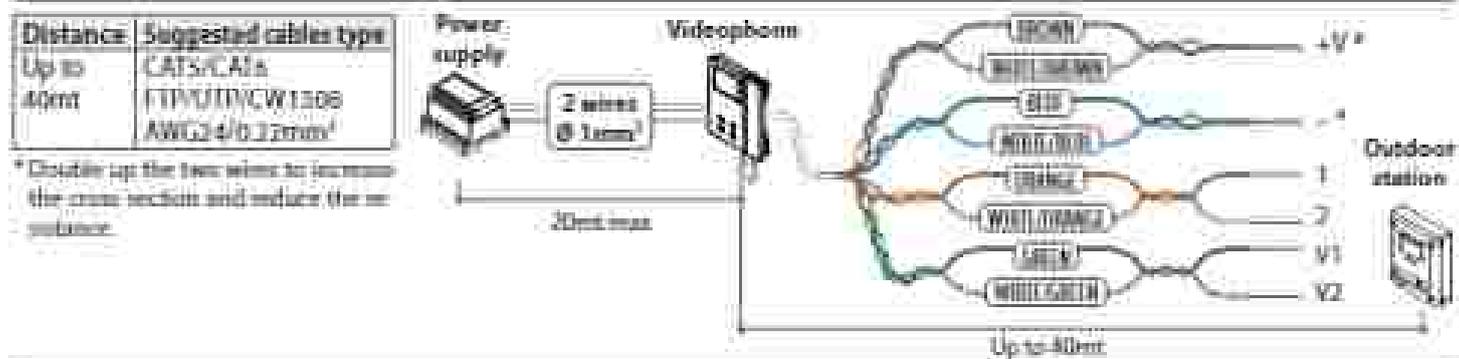
POWER SUPPLY INSTALLATION

- Remove the terminal side covers by unscrewing the retaining screws.
- Fix the power supply to a DIN bar or directly to the wall using two expansion type screws.
- Switch off the mains using the circuit breaker mentioned above and then make the connections as shown on the installation diagrams.
- Check the connections and secure the wires into the terminals.
- Replace the terminal covers and fix them using the relevant screws.
- After completing the wiring, double check all connections then restore the mains.

CABLE SIZE

Video connections and Audio connections must be wired in twisted pair: pair the video lines (terminals/signals V1 and V2), pair the audio lines (terminals/signals 1 and 2).

IMPORTANT NOTE: SOLID COPPER CABLES MUST BE USED, COPPER COATED STEEL (CCS) AND COPPER COATED ALUMINIUM (CCA) CANNOT BE USED ON THE SYSTEM.



Troubleshooting guide

In case of system failure, try the following preliminary checks:

- Check that the cables are connected as shown in the installation diagram and that the cables are firmly fixed into the relevant terminals.
- Check that the mains voltage is available on terminals 230Vac (or 127Vac) and 0 of the power transformer Art. 850K.
- Check the 24Vac voltage output of the power transformer Art. 850K. If this voltage is not available it could be the 1,5A fuse; in this case remove the mains voltage, remove possible short-circuits or overload sources then replace the fuse with an equal or equivalent one.
- Check that the voltage between the terminals + and - of the speaker unit is between 16 and 20Vdc.

If the problem persists try the tests in the following table or contact technical support.

SYMPTOM	CAUSE	SOLUTION
The door station is not able to call the station (the bell LED is switched on for 2 seconds).	<ul style="list-style-type: none"> • Wrong connection between door station and the videophone • Cable size too small. • Programmed videophone address incorrect. • You have changed the videophone address without powering down the system. 	<ul style="list-style-type: none"> • Check the 6 common wire connections especially wire 1 (speech line/data). • Increase cable size or double up using two wires for each connection. • Check videophone address on dip-switches. • Power down the system then power up again to detect the new videophone address.
External call works but when answered the communication fails.	<ul style="list-style-type: none"> • Cable size too small. 	<ul style="list-style-type: none"> • Increase cable size or double up using two wires for each signal.
During the conversation it is not possible to open the door.	<ul style="list-style-type: none"> • Cable size too small. 	<ul style="list-style-type: none"> • Increase cable size or double up using two wires for each signal.
During the conversation it is not possible to open the door via the key LED on the door station switches on for the programmed time.	<ul style="list-style-type: none"> • Incorrect position of J2 jumper. • Electric lock wires unconnected or in short. • Wrong electric lock type. 	<ul style="list-style-type: none"> • Check J2 position on the door station. • Check connection. • Check that the electric lock type (ac or dc) is suitable for the J2 position chosen.
Speech only from outside to inside.	<ul style="list-style-type: none"> • Wire 2 broken or in short. 	<ul style="list-style-type: none"> • Check connection of wire 2.
Low volume of speech.	<ul style="list-style-type: none"> • Volume trimmers of door station require adjustment. 	<ul style="list-style-type: none"> • Adjust the trimmers until the required volume is reached.
Noise over the speech line during the conversation.	<ul style="list-style-type: none"> • The 6 common wires are cabled together with 230 or 180Vac power lines. • The 6 common wires are cabled together with 24Vac videophone power supply wires. 	<ul style="list-style-type: none"> • Separate the 6 common wires from the high voltages cables. • Separate the 6 common wires from the two 24Vac wires or cable them together only for a short distance.
Camera recall service does not work.	<ul style="list-style-type: none"> • Camera recall button pressed for a number of times different from the ID of the door station to be switched on. 	<ul style="list-style-type: none"> • Check the ID (1..4) of the door station to be recalled and press the camera recall button as many times as the ID value.
Intercommunicating call does not work.	<ul style="list-style-type: none"> • "Key" button pressed for a number of times different from the videophone address value. 	<ul style="list-style-type: none"> • Check the address of the videophone you are calling and try again.
The video shown on the monitor is of a bad quality and the image is distorted or double.	<ul style="list-style-type: none"> • V1, V2 signals unconnected, reversed or shorted. • The switches of the two way dip-switch are not both in ON position. • V1, V2 of the last Art. 316N (if present) not closed with 75 Ohm resistor. 	<ul style="list-style-type: none"> • Check that the wires are not broken or shorted. • Set both switches to the ON position. • Use 2x 75 Ohm resistors to connect V1 & V2 to GND.
Local call does not work.	<ul style="list-style-type: none"> • Wrong connection or call button broken. 	<ul style="list-style-type: none"> • Check connection or replace the button.

Art. 4833/4833X Speaker unit

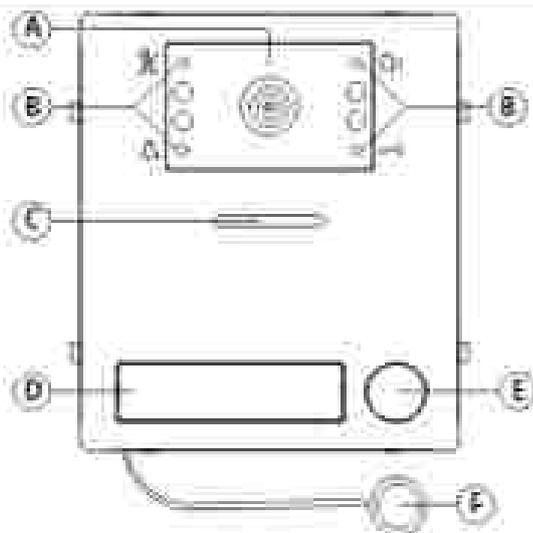


Fig. 1 Front

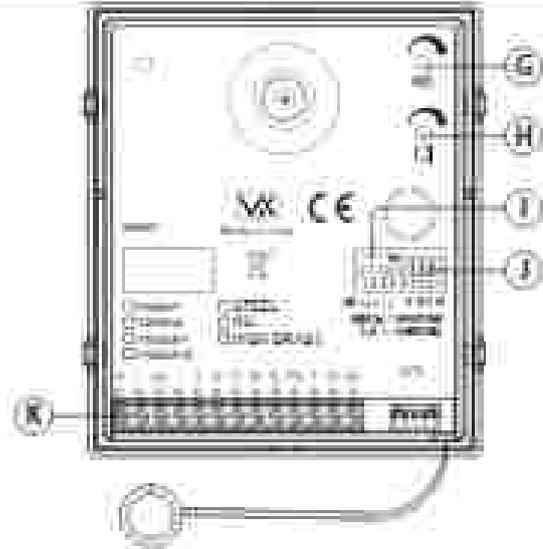
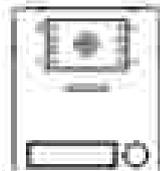


Fig. 2 Back

DESCRIPTION

Speaker unit module comprising of high quality auto iris colour camera with white light illumination LEDs.

AVAILABLE VERSIONS:

Art. 4833-1
Art. 4833X-1Art. 4833-2
Art. 4833X-2

LEDS

	When illuminated, indicates that it is not possible to make a call because a call or a conversation is in progress (from the outdoor station from which you are calling or from another outdoor station on systems with multiple entrances). The LED will be off when the system is in stand-by.
	If illuminated, indicates that the call from the outdoor station is in progress. The LED will switch OFF when the call is answered or after the programmed number of rings.
	If illuminated, indicates that it is possible to speak because the call has been answered. The LED will switch OFF at the end of a conversation (or at the end of the conversation time).
	If illuminated, indicates that the door lock has been activated. It will switch OFF at the end of the programmed "door opening" time.

LEGEND

- (A) Camera with illumination LEDs
- (B) Operation LEDs
- (C) Loudspeaker
- (D) Card (name holder with built-in proximity reader (only for Art. 4833X versions)
- (E) Call push button (1 or 2 depending on the model)
- (F) Microphone
- (G) Loudspeaker volume
- (H) Microphone volume
- (I) 4 way dip-switch
- (J) Jumpers
- (K) Connection terminals

CONTROLS

	Loudspeaker volume Adjust the loudspeaker volume. Rotate clockwise to increase or anti-clockwise to decrease.
	Microphone volume Adjust the microphone volume. Rotate clockwise to increase or anti-clockwise to decrease.

SETTINGS

4 WAY DIP-SWITCH

First two switches are used to set the speaker unit address; the speaker unit address is required for camera recall operation on 2 or more entrance systems.

UNIT ADDRESS

Switch	Nr.1	Nr.2	Setting up
	OFF	OFF	=1
	ON	OFF	=2
	OFF	ON	=3
	ON	ON	=4

CONVERSATION TIME

Switch	Nr.3	Setting up
	OFF	= 60 seconds
	ON	= 120 seconds

DOOR OPENING TIME

(J2 = "L" POSITION)

Switch	Nr.4	Setting up
	OFF	=2 seconds
	ON	=5 seconds

JUMPERS

J1 - CALL REASSURANCE TONE VOLUME

Jumper	Setting up
	High
	Low

J2 - DOOR OPEN RELAY OPERATING MODE

Jumper	Setting up
	Capacitor discharge
	Dry contacts

J3 - CALL BUTTONS OPERATING MODE (ONLY FOR ART. 4833)

Jumper	Setting up
	Both buttons call the same videophone (Address 1)
	Each button calls a different videophone.

J4 - BUILT-IN RELAY - BACK EMF PROTECTION (MOV)

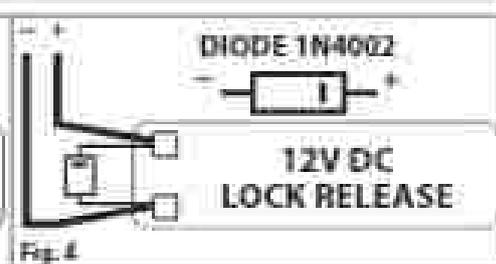
Jumper	Setting up
	NC contact
	NO contact

BUILT-IN RELAY - BACK EMF PROTECTION

The Art. 4833 includes selectable back EMF protection on the relay. The jumpers marked J4 is used to select the protection type. When using a fail secure lock with connections C & NO the jumper should be in the NO position. When using a fail open lock with connections C & NC the jumper should be in the NC position and when used to trigger a gate controller or another third party controller the jumper should be removed completely (This disables the protection on the relay).

LOCK RELEASE BACK EMF PROTECTION

A varistor must be fitted across the terminals on AC lock release (Fig. 3) and a diode must be fitted across the terminals on a DC lock release (Fig. 4) to suppress back EMF voltages. Connect the components to the lock releases as shown in figures.



PROGRAMMING TAGS (ONLY FOR ART. 4833X)

MASTER CARD

The module is supplied with a master card. The master card is preprogrammed in the factory.

The card is used to add and delete user access tags.

If the master card is lost, a new one will need to be created using the procedure detailed further on in this manual. In this instance, it will be necessary to reprogram all the user tags. The module allows to store up to 30 user tags.

Note: when the master card is required, place it in front of the reader so that the middle of the card is in front of the middle of the card reader holder.

PROGRAMMING USERS TAG

The user tags can be programmed on the module using the master card to access the programming mode.

1. Place the master card in front of the tag reader.

⇒ The module emits one high-pitched "beep" sound and the Δ_1 LED illuminates.



2. Press the call button (the lower call button in the case of a 2-button external module) "n"

times where n is a value between 1 and 30 and specifies the tag number.

⇒ On each press the module emits a low-pitched "beep" sound and the Δ_1 LED flashes.



Note: the external module emits a low-pitched continuous "beeping" sound if an already programmed location is selected.



3. When the desired memory location is reached the Δ_1 LED starts flashing waiting for a tag.



4. Place the user tag to be programmed in front of the tag reader.

⇒ The module emits a low-pitched "beep" sound, the tag is programmed. The Δ_1 LED stops flashing and remains illuminated.



Note: the module emits a low-pitched continuous "beeping" sound if an already programmed location is selected.



5. Repeat steps 2 to 4 for to program further tags.

6. To exit programming mode:

• Place the master key in front of the tag reader, or

• Wait 10 seconds.

⇒ The module emits two low-pitched "beep" sounds indicating it is back in normal operating mode.



USING TAGS

Place a tag in front of the tag reader:

⇒ If the tag is programmed, the external module emits two high-pitched "beep" sounds and activates the relay. The Δ_1 LED flashes twice and the Δ_0 LED illuminates for the door opening time.



⇒ If the tag is not programmed, the external module emits two low-pitched "beeping" sounds.



DELETING A SINGLE USERTAG

The master card is required to delete a user.

1. Place the master key in front of the tag reader.

⇒ The module emits one high-pitched "beep" sound and the Δ_1 LED illuminates.



2. Press and hold the call button (the lower call button in the case of an external 2-button module).

⇒ The module emits a low-pitched "beeping" sound then after 1-2 seconds emits a high-pitched "beep" sound and the Δ_1 LED starts flashing, release the call button.



3. Press the call button (the lower call button in the case of a 2-button external module) "n" times where n is a value between 1 and 30 and specifies the memory location to delete.

⇒ On each press the module emits a low-pitched "beep" sound and the Δ_1 LED stops flashing.



4. When the Δ_1 LED restarts flashing, place the master card in front of the tag reader.

⇒ The module emits two high-pitched "beep" sounds then the module exits programming mode.



DELETING ALL USERTAGS

The master card is required to delete all user tags together.

1. Place the master card in front of the tag reader.
→ The module emits one high-pitched "beep" sound and the Δ LED illuminates.
2. Press and hold the call button (the lower call button in the case of an external 2-button module).
→ The module emits a low-pitched "beeping" sound then after 1-2 seconds emits a high-pitched "beep" sound and the Δ LED starts flashing, release the call button.
3. Press and hold the call button (the lower call button in the case of a 2-button module).
→ The module emits a low-pitched "beep" sound and the Δ LED stops flashing.
4. Place the master card in front of the tag reader while keeping the button pressed.
→ The module emits two low-pitched "beep" sounds then the module enters programming mode.



IDENTIFYING A TAG

The master card is required to identify a programmed tag.

1. Place the master card in front of the tag reader.
→ The module emits one high-pitched "beep" sound and the Δ LED illuminates.
2. Place the tag to identify in front of the tag reader.
→ The module emits one high-pitched "beep" sound then the Δ LED flashes for a number of times that corresponds to the key number then the module emits another high-pitched "beep" sound and the Δ LED remains fixed on.
3. Repeat step 2 to identify other tags.
4. To exit programming mode:
 - Place the master key in front of the tag reader, or
 - Wait 10 seconds.
→ The module emits two low-pitched "beep" sounds to indicate it is back in normal operating mode.



REPROGRAMMING A MASTER CARD

⚠ The following procedure will delete all user tags.

If the master card is lost or damaged, a new one can be programmed using the following procedure:

1. Switch off the power.
2. Open the external module frame.
3. Bridge the PTE and GND terminals or press and hold down the "push to exit" button, if this is wired to the external module (refer to the module's instructions).
4. Switch the power back on.
→ The module emits a high-pitched "beep" sound.
5. Remove the short between the PTE and GND terminals or release the "push to exit" button.
→ The module emits a high-pitched "beep" sound and the Δ LED starts flashing.
6. Place the master tag in front of the tag reader.
→ The module emits two high-pitched "beep" sounds, then two low-pitched "beep" sounds (the master tag is programmed, all user tags have been deleted and the module enters programming mode).



HOW TO CONNECT ELECTRIC LOCK

The "door open" relay can operate either as "dry contact" or "capacitive discharge" mode.

- In "dry contact" operation mode the relay works in a traditional way, a power supply or a power source is needed to operate the lock (12-24Vac/dc 2A max), and activation lasts according to the door opening time programmed.
- In "capacitive discharge" operation mode the relay's contacts, when active, supply directly the lock (12Vac/dc 1A max) for a moment. You don't need a power supply for the lock and the door opening time programmed does not affect the activation time.

A possible deterioration of the mechanical performance of the electric lock, might cause the "capacitive discharge" to malfunction in time. In case the electric lock is used in very dusty environments or in peculiar climate conditions, we suggest to use the lock in dry contact mode.

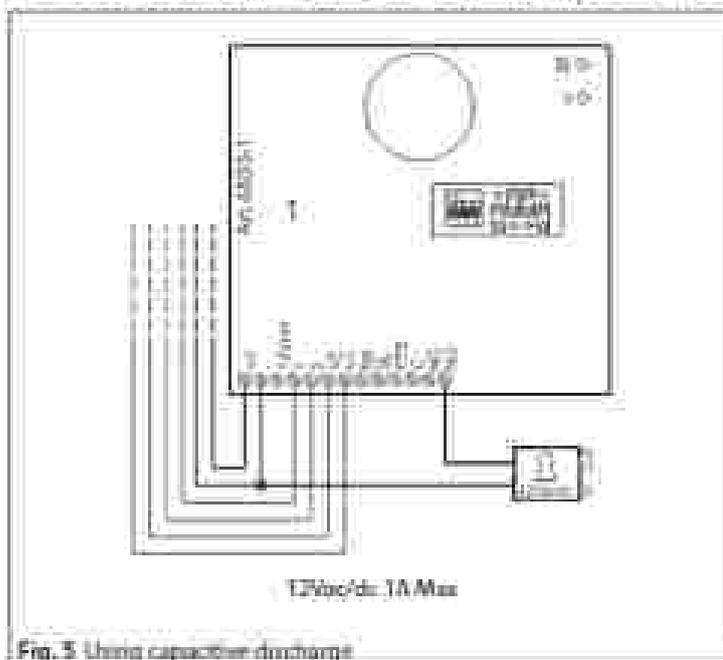


Fig. 5 Using capacitive discharge

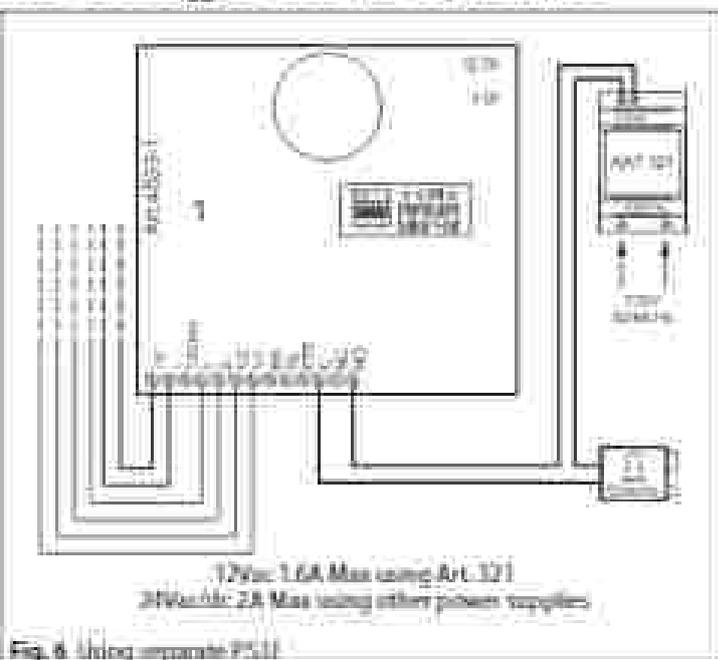


Fig. 6 Using separate P.S.U.

ADHESIVE GASKET PLACEMENT

Apply the (1) seal as shown in Fig. 7.

ANTI-TAMPERING LOCKS FIXING

Fit the anti-tampering locks (2) as shown in Fig. 8.

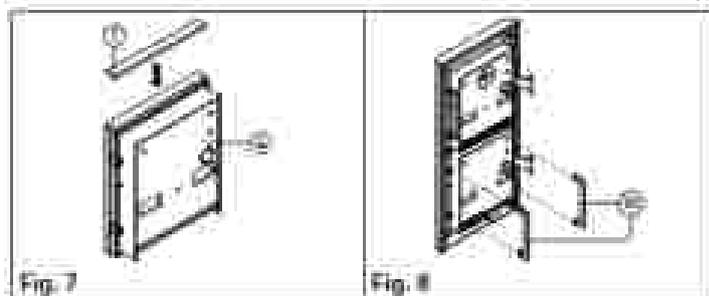


Fig. 7

Fig. 8

HOW TO REMOVE/INSERT THE CARD NAME HOLDER

- To avoid damage to the module front plate, mask the side that will be in contact with the screwdriver blade.
- Insert the screwdriver (flat side) into the card-holder hole as shown in Fig. 9.
- Move the screwdriver to the left as shown in Fig. 10 to extract the card name holder.
- Edit the card name then replace it inside the holder and reinsert the holder inside its housing from the left or right side then push the other side until it clips into place.

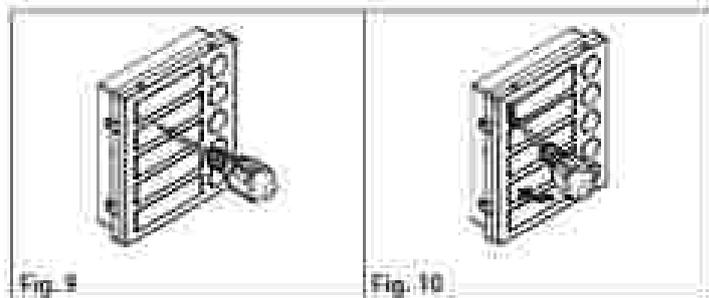


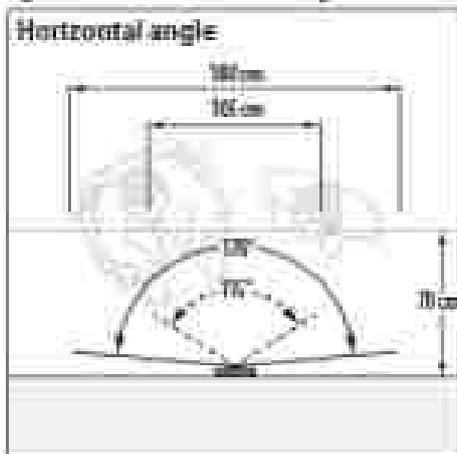
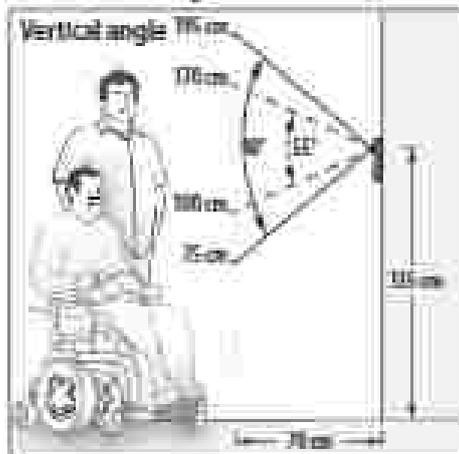
Fig. 9

Fig. 10

CAMERA NOTES

FIELDS OF VIEW

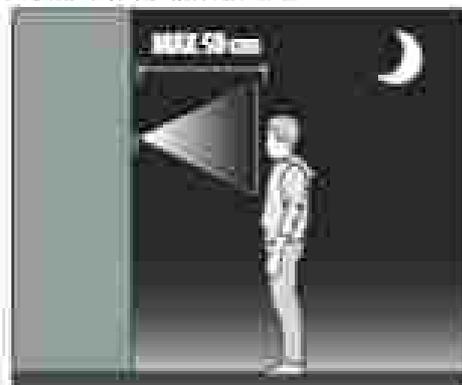
The fields of view for standard camera are 55° for vertical angle and 115° for horizontal angle while for Wide Angle camera are 80° for vertical angle and 170° for horizontal angle.



----- Standard camera ——— Wide Angle camera

MAXIMUM ILLUMINATION DISTANCE FROM CAMERA AT NIGHT

The illumination LEDs within the camera will illuminate the visitor when they are within 50 cm of the camera.



CONNECTION TERMINALS SIGNALS

+V	Power input 16-20Vdc	
-	Power input ground	
12Vout	12Vdc, 0.3A max. output to supply accessories	
1	Speech line input toward the loudspeaker and data signal (approx. 12V in stand-by, approx. 5V with a conversation in progress)	
2	Speech line output from the microphone (approx. 12V in stand-by, approx. 3V with a conversation in progress)	
V1	Balanced video signal sync -	
V2	Balanced video signal sync +	
B5	Input/Output busy signal (approx. 12V in stand-by, approx. 0V with a call in progress)	
SE	Active low output to enable the enslavement relay for video signal exchange (active with a call in progress)	
PTE	Active low input to control directly the door open relay	
C	Door open relay common contact	Max 24Vdc, 3A when used as dry contacts relay
NC	Door open relay normally closed contact	
NO	Door open relay normally open contact	

TECHNICAL SPECIFICATION

Power Supply: Supplied by the BUS line, 20Vdc
 Power consumption: Stand-by: 70mA
 Operating: 250mA
 Working Temperature: -10 +50°C

CLEANING OF THE PLATE

Use a drier and soft cloth. Use moderate warm water or non-aggressive cleansers.

Do not use:

- abrasive liquids
- chlorine-based liquids
- metal cleaning products

Art. 4901 Digital code lock module

Rev. 1.1

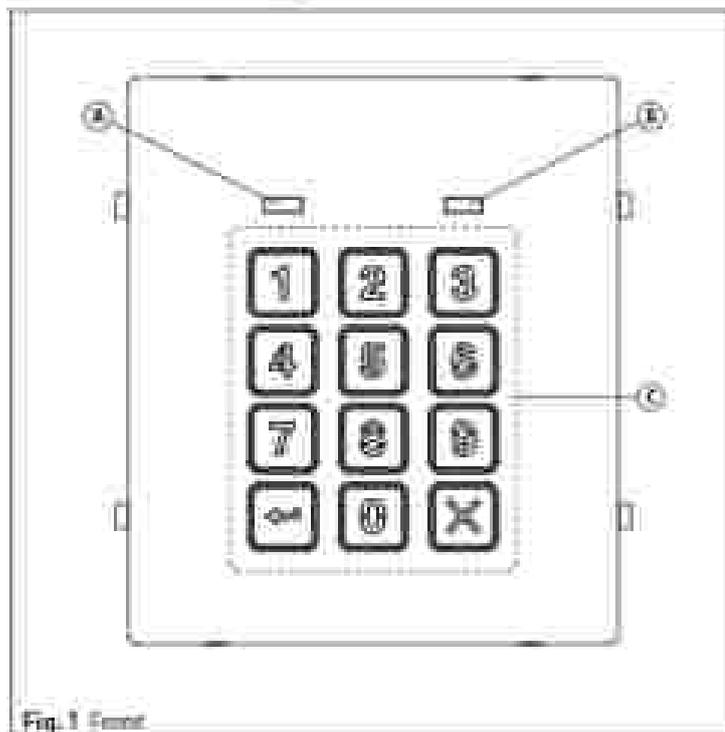


Fig. 1 Front

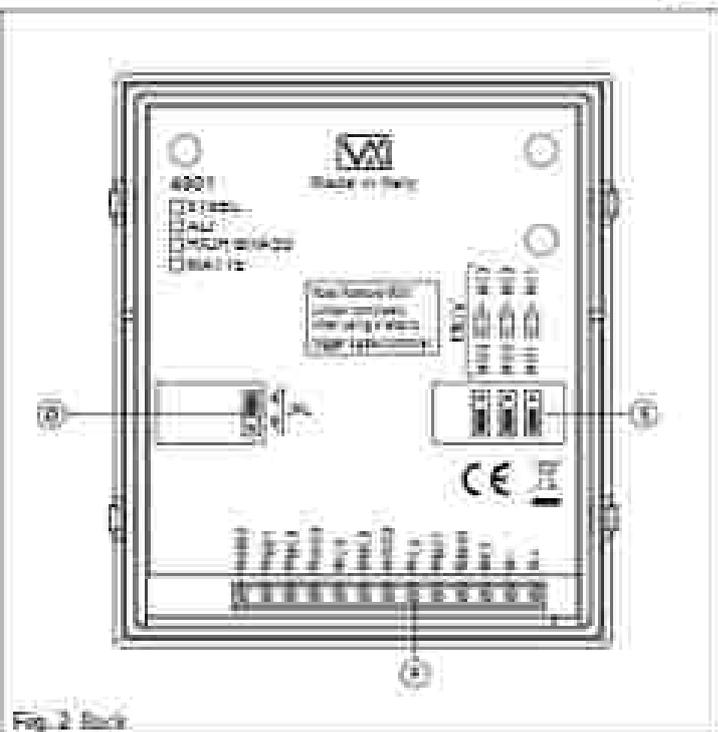


Fig. 2 Back

DESCRIPTION

The Art. 4901 is manufactured from 316 grade brushed stainless steel and the module features 12 stainless steel buttons, backlit in blue (Keys 0 - 9, ENTER and CLEAR) and 2 LEDs for progress information during use and programming. With three integral relays each with common, normally open and normally closed connections and two inputs to enable the external triggering of relays one and two (for example, push to exit button). Key presses are signalled both acoustically and visually while each button press has a tactile feel. Entering the correct code followed by ENTER will activate the relevant relay. Programming is carried out through the same keypad following a simple programming menu. The module can be combined with other 4000 Series modules in an audio or video intercom system.

MAIN FEATURES:

- 3 C, NC, NO relay outputs (24Vac/dc - 5A max);
- 3 Programmable secret codes (one for each relay);
- Each relay can be set to be activated for a specific time (01 to 99 seconds) or to work as latching;
- Two active low inputs to command directly the relay 1 and 2;
- Programming menu guarded by a 4-8 digit programmable engineer's code;
- Visual and Acoustic signal during operating and programming;
- Keypad illumination LEDs;

GENERAL DIRECTIONS FOR INSTALLATION

In order to achieve the best results from the schematics described it is necessary to install only original VIDEX equipment, strictly keeping to the items indicated on each schematic and follow these General Directions for Installation:

- The system must be installed according to national rules in force, in any case the running of cables of any intercom unit must be carried out separately from the main;
- All multipair cables should be compliant to CW1308 specification (0.5mm twisted pair telephone cable);
- Cables for speech line and service should have a max resistance of 10 Ohm;
- Lock release wires should be doubled up (lock release wires and power supply wires should have a max resistance of 3 Ohm);
- The cable sizes above can be used for distances up to 50m. On distances above 50m the cable sizes should be increased to keep the overall resistance of the cable below the RESISTANCES indicated above;
- Double check the connections before power up;
- Power up the system then check all functions;

LEGEND

- | | |
|------------------|------------------------|
| Ⓐ Green LED | Ⓔ J1/J2 jumper |
| Ⓑ Red LED | Ⓕ MOV jumpers |
| Ⓒ Backlit keypad | Ⓖ Connection terminals |

LOCK RELEASE BACK EMF PROTECTION

A varistor must be fitted across the terminals on AC lock release (Fig. 5) and a diode must be fitted across the terminals on a DC lock release (Fig. 4) to suppress back EMF voltages. Connect the components to the lock releases as shown in figures.



BUZZER BACK EMF

When using intercoms with buzzer call (Art. 924/52A, SMART1/2, 3101/2, 3001/2 and 3021/2) add one 0.1µF (100nF) capacitor between terminals 3 and 6 on the telephone.

BUILT-IN RELAYS - BACK EMF PROTECTION

The Art. 4901 includes selectable back EMF protection on the relays. The jumpers marked MOV (one jumper for each relay) are used to select the protection type. When using a fail secure lock with connections C & NO the jumper should be in the NO position. When using a fail open lock with connections C & NC the jumper should be in the NC position, and when using the code-lock to trigger a gate controller or another third party controller the jumper should be removed completely (this disables the protection on the relay).

BACK LIGHT ADJUSTMENT JUMPER (JPL)

The jumper JPL (Fig. 2, ①) is used to adjust the brightness and determine the operation of the backlit buttons. There are four brightness settings for the backlit buttons and two programming modes (Mode 1 and 2) for the jumper.

The two modes that can be programmed change the functionality of the jumper JPL. The tabin beside indicates the programming mode, the position of the jumper and the operation of the backlit buttons.

		Jumper Position		Back light Operation
Mode 1	A (default)		A	Back light on low brightness in standby. Full brightness when any buttons are pressed.
	B		B	Back light OFF in standby. Full brightness when any buttons are pressed.
Mode 2	A or B		A or B	Back light on full brightness all of the time.
JPL removed in either Mode			A or B	No back light, the back light is completely disabled.

PROGRAMMING MODE 1 (DEFAULT MODE, JPL = A)

Follow the steps below to set the code-lock to Mode 1:

1. Disconnect the power from the Art. 4901 code-lock;
2. Short out terminals - and SW2;
3. Press and hold down button 1 [1] and keep it pressed down while the power is switched back ON;
4. When power is restored to the code-lock wait for the module to emit a single beep and the red status LED (Fig. 1, ②) to flash once;
5. Listen for the confirmation tone and wait for the red status LED (Fig. 1, ②) to flash once again;
6. Release button 1 [1] and remove the short between terminals - and SW2;
7. Set the jumper JPL to the desired position.

PROGRAMMING MODE 2

Follow the steps below to set the code-lock to Mode 2:

1. Disconnect the power from the Art. 4901 code-lock;
2. Short out terminals - and SW2;
3. Press and hold down button 2 [2] and keep it pressed down while the power is switched back ON;
4. When power is restored to the code-lock wait for the module to emit a double beep and the red status LED (Fig. 1, ③) to flash once;
5. Listen for the confirmation tone and wait for the red status LED (Fig. 1, ③) to flash once again;
6. Release button 2 [2] and remove the short between terminals - and SW2;
7. Set the jumper JPL to the desired position.

BACK LIGHT AND BUTTON OPERATION

If the back light programming mode is set to Mode 1 (with jumper JPL in either the A or B position) when a button is pressed on the keypad the back light will switch to full brightness for approximately 10 seconds.

After this time the back light will either switch OFF or switch back to low brightness (depending on the jumper position) unless another button has been pressed within the 10 second period in which case the back light will stay on full brightness for a further 10 seconds.

The exception to this is if the back light programming mode is set to Mode 2, i.e. the back light will be on full brightness all of the time or if the jumper is removed the back light will be disabled.

PROGRAMMING

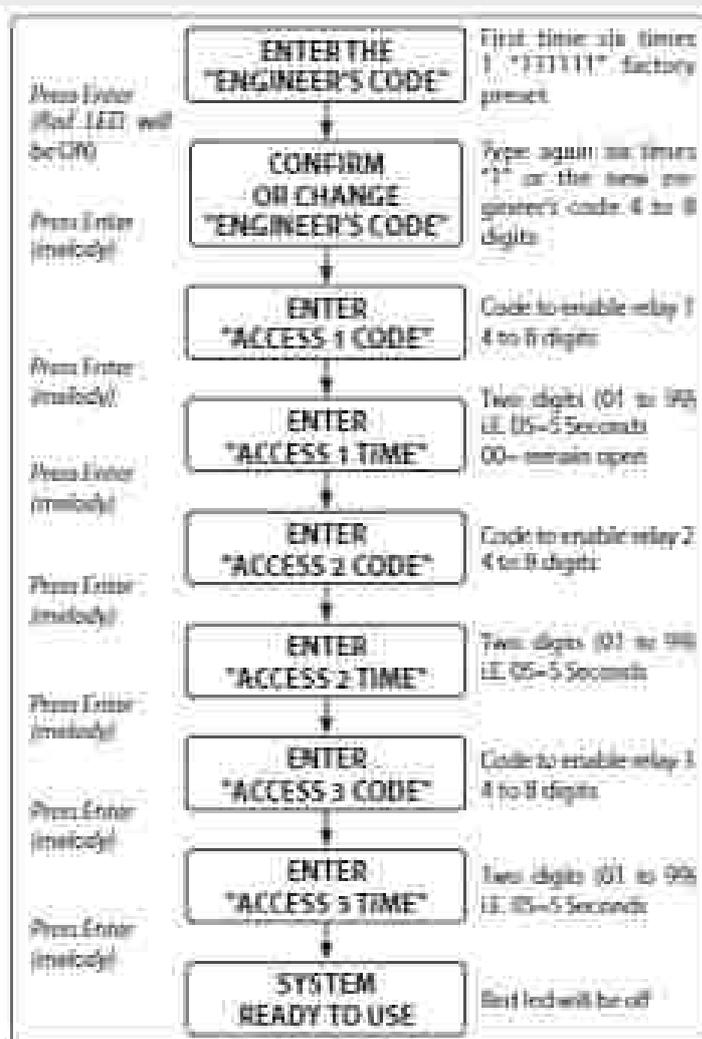
- Enter the **ENGINEER'S CODE** first time six times 1 (111111 factory preset) and press **ENTER** (The red LED will illuminate)
- Confirm **ENGINEER'S CODE** (typing again the same) or type the new code (4 to 8 digits) then press **ENTER** (Melody) (Pressing twice the **ENTER** button without changing the **ENGINEER'S CODE**, will exit from the programming)
- Enter the code (4 to 8 digits) to enable **RELAY 1** or re-enter the existing code then press **ENTER** (Melody)
- Enter the **RELAY 1** operation time (2 digits 01 to 99 I.E. 05=5 seconds, 00= remain open time) or re-enter the existing time then press **ENTER** (Melody)
- Enter the code (4 to 8 digits) to enable **RELAY 2** or re-enter the existing code then press **ENTER** (Melody)
- Enter the **RELAY 2** operation time (2 digits 01 to 99 I.E. 05=5 seconds, 00= remain open time) or re-enter the existing time then press **ENTER** (Melody)
- Enter the code (4 to 8 digits) to enable **RELAY 3** or re-enter the existing code then press **ENTER** (Melody)
- Enter the **RELAY 3** operation time (2 digits 01 to 99 I.E. 05=5 seconds, 00= remain open time) or re-enter the existing time then press **ENTER** (Melody)
- The system is ready to use (the red LED will be off)

PROGRAMMING NOTES

- After pressing enter following a command, press **ENTER** a further twice to exit the programming menu.

RETURN SYSTEM TO PRESET ENGINEER'S FACTORY CODE:

- Turn off power to code lock;
- Keep **ENTER** button pressed while turning the power back on;
- Release **ENTER** button;
- The engineer's code is now set to 111111 (six times one).



OPERATION

- Type in the programmed code and press **ENTER**;
- If the code is correct, the green LED will illuminate for approx. 2 seconds and the relay relevant to the code will operate for the programmed time;
- If a wrong code is entered, a continuous melody will sound for 4 or more seconds, according to the number of mistakes;
- To switch off any relay while operating, type in the relevant code then press the **CLEAR** button.

OPERATION NOTES

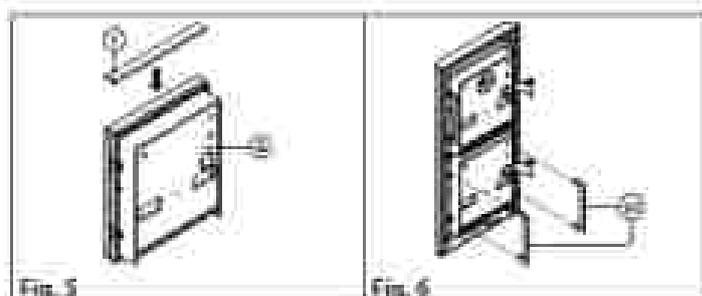
- To operate relays together, set the same code for each relay;
- If a wrong code is entered, the system will lock out for 5 seconds which will increase each time a wrong code is entered. The system will operate only when the correct code is entered.

ADHESIVE GASKET PLACEMENT

Apply the ① seal as shown in Fig. 5

ANTI-TAMPERING LOCKS FIXING

Fit the anti-tampering locks ② as shown in Fig. 6.



CONNECTION TERMINALS SIGNALS

SW2	Relay 2 command signal (active low)	Max 24Vac/dc 3A
SW1	Relay 1 command signal (active low)	
NC3	Relay 3 normally closed contact	
NO3	Relay 3 normally open contact	
C3	Relay 3 common contact	
NC2	Relay 2 normally closed contact	
NO2	Relay 2 normally open contact	
C2	Relay 2 common contact	
NC1	Relay 1 normally closed contact	
NO1	Relay 1 normally open contact	
C1	Relay 1 common contact	
-	12/24Vac/dc power input	
+		

CLEANING OF THE PLATE

Use a clean and soft cloth. Use moderate warm water or non-aggressive cleansers.

Do not use:

- abrasive liquids;
- chlorine-based liquids;
- metal cleaning products.

TECHNICAL SPECIFICATION

Power Supply: 12/24 Vac/dc - 2VA

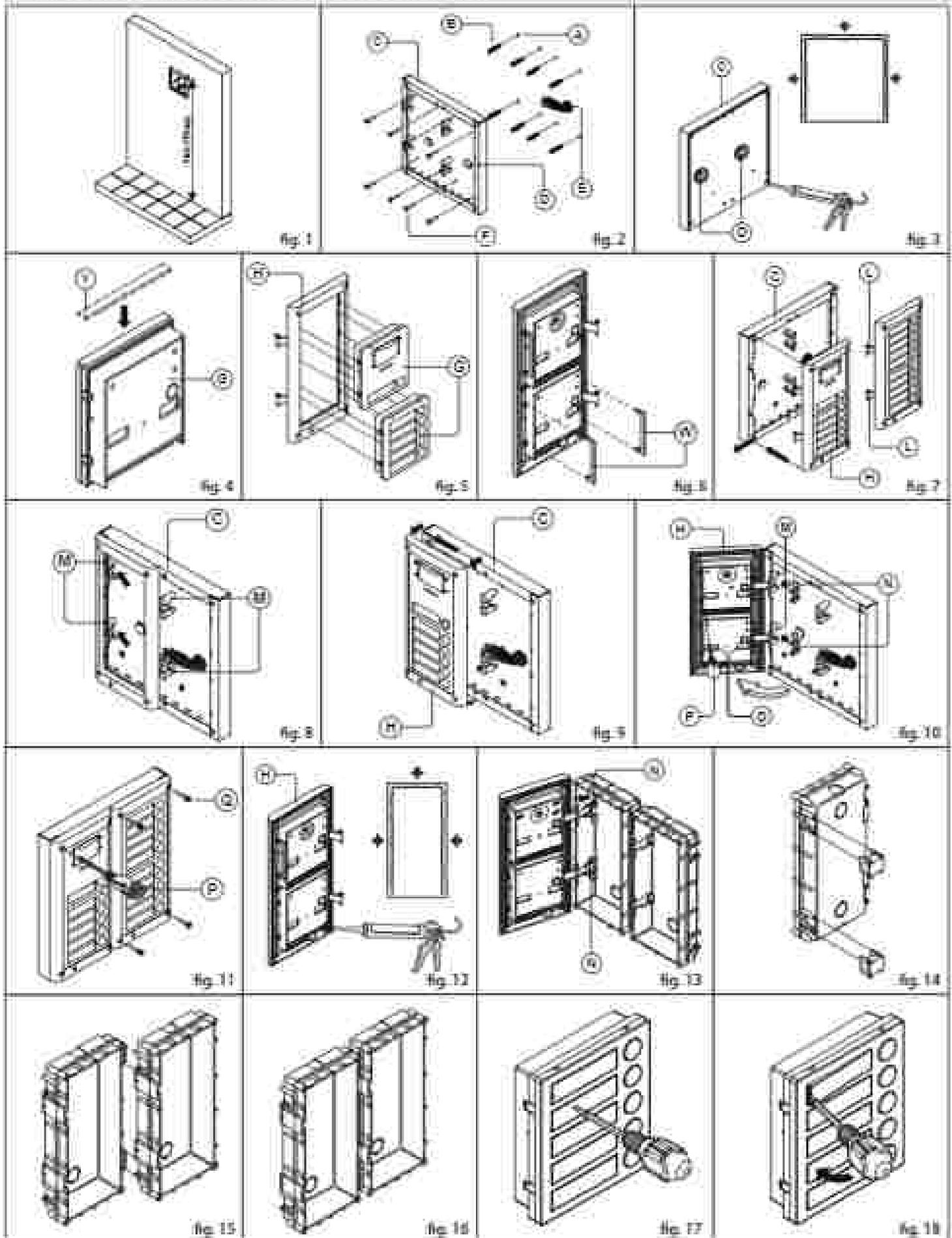
Power Consumption: Stand-by: 20mA

Operating: 70mA

Working Temperature: -20 +60° C

4000 Series Surface and flush mounting door station installation

EXAMPLE: INSTALLING A FOUR MODULE OUTDOOR STATION



INSTALLING A SURFACE MOUNT DOOR STATION

1. Place the surface box against the wall (155-170cm between the top of the box and the floor level as shown in Fig. 1) and mark the fixing holes for the wall plugs and the hole for the cables (E) (Fig. 2). Observe the orientation of the box with its hinge on the left.

⚠ In order to prevent water ingress we highly recommend using a silicon sealant between the wall and the back box (C) ON THE LEFT, TOP AND RIGHT SIDES ONLY AND AROUND ALL HOLES (D). DON'T USE SILICON SEALANT ON THE BOTTOM SIDE OF THE BACK BOX (Fig. 3)

2. As shown in Fig. 2, drill the fixing holes (A), insert the wall plugs (B) and feed the cables (E) through the surface box opening (G), fix surface box (C) to the wall using the screws (F).
3. Apply the (T) silicon sealant on top of each module as shown in Fig. 4.
4. Before installation of the module support frame, hook the modules (S) to the support frame (H) as shown in Fig. 5 then, as shown in Fig. 6, fit the tie anti-tampering locks (M) for each module (do the same for the second module support frame).
5. When you have more than one support frame, hook the support frame to the surface box starting from the left. For convenience we will describe how to attach the left frame but the same must be carried out for the right frame. As shown in Fig. 7, hook the module support frame (H) (complete with modules) to the surface box (C) moving the frame as suggested from pointers. Ensure that the pins (L) (Fig. 7) go inside the relevant housing (N) as shown in Fig. 8.
6. As shown on Fig. 9, pull back the module support frame (H) while moving it slightly to the left as suggested by the pointers.
7. As shown in Fig. 10, open the module support frame (H) as suggested by the pointer, hook the hinge locks (R) to the hinges (B), make the required corner bends using the screwdrivers provided (Q) (flat blade end) and make the required adjustment by adjusting the settings through openings (R) and adjust trimmers.
8. Repeat the same operations described above for the second module support frame (or for the third if available).
9. When the system has been tested and is working correctly, move back the module support frames carefully, fit them to the surface box using the screwdriver provided (Q) (curved end) and the pin machine tool screw (G) (Fig. 11). Note: do not over tighten the screws more than is necessary.

INSTALLING A FLUSH MOUNTING DOOR STATION

When flush mounting and the number of modules is greater than 3, the required back boxes need to be fitted together (before embedding them in the wall) as shown on Fig. 14, 15 and 16:

- Arrange the back boxes and remove knockouts to allow cables to be fed from one back box to the other;
- Hook the spacers to first back box then hook the second back box to obtain the result shown on Fig. 16;
- 1. Position the module support frame being fitted first and then embed the back box into the wall (155-170cm between the top of the box and the floor level as shown on the Fig. 1) feeding the cables (E) (Fig. 2) through a previously opened hole in the box. Observe the direction of the box ensuring the hinge is on the left and take care that the box profile is in line with the finished wall profile.

⚠ In order to prevent water ingress we highly recommend using a silicon sealant between the module support frame (H) and the back box ON THE LEFT, TOP AND RIGHT SIDES ONLY. DON'T USE SILICON SEALANT ON THE BOTTOM SIDE OF THE MODULE SUPPORT FRAME (Fig. 12)

2. Continue from step 4 of surface mounting instructions, but at step 7 hook the hinge locks (R) as shown on Fig. 13.

⚠ Note: if additional holes are made in the surface box, oxidation problems may appear unless the unprotected metal is coated with a protective paint.

NOTES

- The screwdriver's blade has two sides, one flat and one tool, to select one of them employ the blade from the screwdriver body and plug it into the required side.
- The example shows the use of only one back box bottom hole for wires, this is done to keep the drawings clear. Naturally the installer can use the left hole or the right or both if required.

HOW TO REMOVE THE CARD NAME HOLDER

- To avoid damage to the module front plate, tape the side that will be in contact with the screwdriver blade.
- Insert the screwdriver (flat side) into the card holder hole as shown in Fig. 17;
- Move the screwdriver to the left as shown in Fig. 18 to extract the card name holder.
- Edit the card name then replace it inside the holder and left, insert the holder inside its housing from the left or right side then push the other side until it clips into place.

Art. 6256 3.5" colour videophone

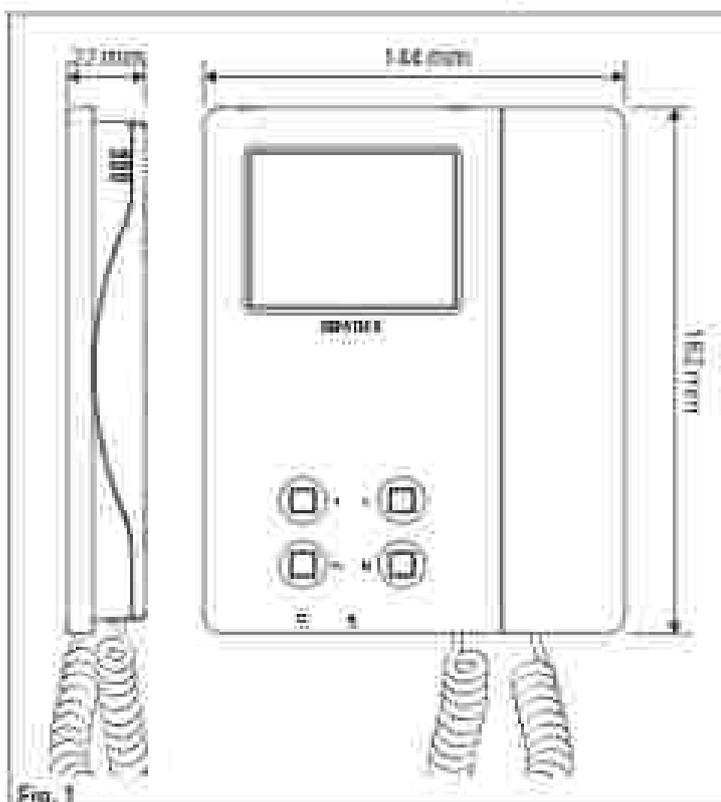


Fig. 1

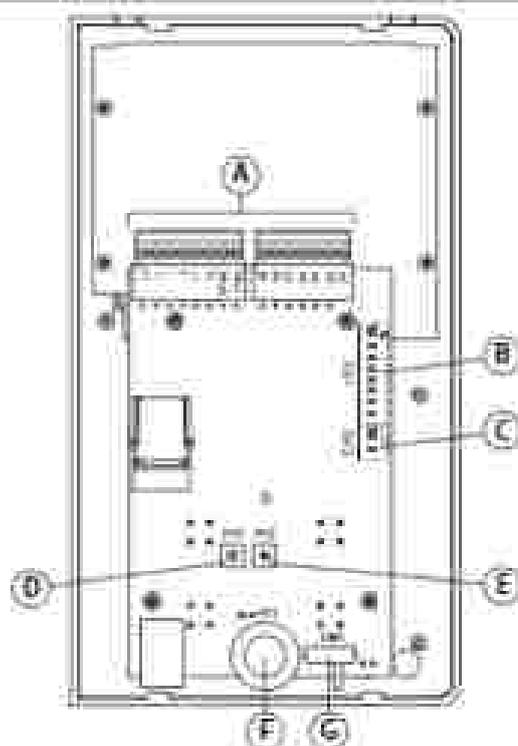


Fig. 2

DESCRIPTION

Surface mount videophone incorporating a 3.5" Hi-Res full colour active matrix LCD monitor specific for "6 wire" videokit (VK4K, VMK and VK6K range). It includes 4 buttons: "camera recall", "open door", "service" and "privacy".

2 LEDs* indicate the privacy activated and open door. Programmable privacy duration and number of rings. Intercommunicating call and door call. Adjustments: call tone volume switch (3 levels), picture hue, contrast and brightness.

* The operation of these LEDs and the functions described may require additional cabling.

LEGEND

- (A) Connection terminals
- (B) 9 Way dip switch bank
- (C) 2 Way dip switch bank
- (D) Contrast adjustment trimmer
- (E) Hue adjustment trimmer
- (F) Brightness control
- (G) Call tone volume switch

PUSH BUTTONS

S	<p>Service push button Shunts the SB terminal to GROUND (open collector 2.0Vdc 100mA,max) while the button remain pressed.</p>
○	<p>Camera recall button Pick up the handset then press the button (Press once for door/gate 1, twice for 2 and so on up to a maximum of 4 entrances); the relevant LED switches ON and the monitor switches on showing the video from the door panel. The speech is also live and the door can be opened by pressing ○.</p>
○	<p>Door-open / intercommunicating call button With the handset lifted and speech lines open to the entrance panel, press this button to open the door. If the terminal LD is properly connected the relevant LED remains switched ON until the door is closed. Intercommunication only works when the system is in stand-by condition. Switch 4 of the SW1 dip-switch selects the type of intercommunication.</p>
⌘	<p>OFF Intercommunication between two apartments - pick up the handset and press the key button to call the videophone(s) in the other apartment. A busy tone will signal that the other videophone is in conversation with the door station and so cannot be called. ON Intercommunication between videophones in the same apartment - pick up the handset and press the key button one, two, three or four times to call videophone with extension address 1, 2, 3 or 4 (Set on dip-switch 2&5 of SW1).</p> <p>Any intercommunicating conversation is always interrupted by an external call (i.e. External calls take priority).</p>
⌘	<p>Privacy ON-OFF button When the system is in stand-by the pressing of this button activates (LED switched on) or disables (LED switched off) the "privacy" service. The service is automatically disabled when the programmed privacy time expires. When the service is enabled the videophone does not receive calls.</p>

LEDS	
	Door open LED Can be used to indicate the status of a door or gate. It requires a switched 12Vdc connection to terminal LD.
	Privacy ON/OFF LED When the videophone is in stand-by, this LED signals the privacy service status. (ON = service enabled, OFF = service disabled)

CONTROLS		
	SW1	Call tone volume switch (3 levels)
	PT1	Brightness control (sliding wheel)
	PT2	Hue adjustment trimmer (rotate left to increase or right to decrease)
	PT3	Contrast adjustment trimmer* (rotate left to increase or right to decrease). *Not available in some IT version.

SETTINGS (DIP-SWITCH)

The videophone setup is carried out by the 2 dip-switch banks.

	Switches 1	Apartment Address
	OFF	1
	ON	2
	Switches 2,3	Extension Address
	OFF OFF	1
	ON OFF	2
	OFF ON	3
	ON ON	4
	Switch 4	Intercommunication
	OFF	Between videophones of the two apartment
	ON	Between videophones in the same apartment

	Switches 5,6	Number of rings
	OFF OFF	2
	ON OFF	4
	OFF ON	5
	ON ON	8
	Switches 7,8	Privacy duration time
	OFF OFF	15 minutes
	ON OFF	1 hour
	OFF ON	4 hours
	ON ON	8 hours

2 WAY DIP-SWITCH (SW2)

	The two way dip-switch adjusts the impedance of the video signal. The default setting is "ON" for both switches (75 Ohm) when there are more videophones in parallel connection (without video distributor) both switches must be "ON" only on the last videophone (looking at the connection order) while for all other videophones both switches must be set to "OFF".
--	--

CONNECTION TERMINALS SIGNALS

+V	20Vdc Input/Output (As input 16-20Vdc 0.5A - as output 20Vdc 0.5A max)
-	Ground reference for +V terminal
1	Speech line output from handset's microphone and data signal (Approx. 1V in stand-by, 1V during a conversation)
2	Speech line input toward the handset's loudspeaker (Approx. 1V in stand-by, approx. 3V during a conversation)
V1	Balanced video signal 1 sync-
V2	Balanced video signal 2 sync-
	24Vac 1A max power input
LB	Local call input (1V in standby, 0V to trigger)
SB	Service button (open collector) active low output. The button goes active when the -button is pressed (Open Collector 24Vdc 100mA max)
LD	12Vdc input for door-open LED
2A	Speech line input toward the loudspeaker of the parallel telephone (Approx. 1V in stand-by, 3V during a conversation)
3A	Output switched ground for parallel telephone
4A	Output call tone for parallel telephone
5A	Input for door-open command from parallel telephone

TECHNICAL SPECIFICATION

Power Supply:	Supplied by the BUS line, 20Vdc
Power consumption:	Stand-by: 50mA Max Operating: 200mA Max
Working Temperature:	-10 +50 °C

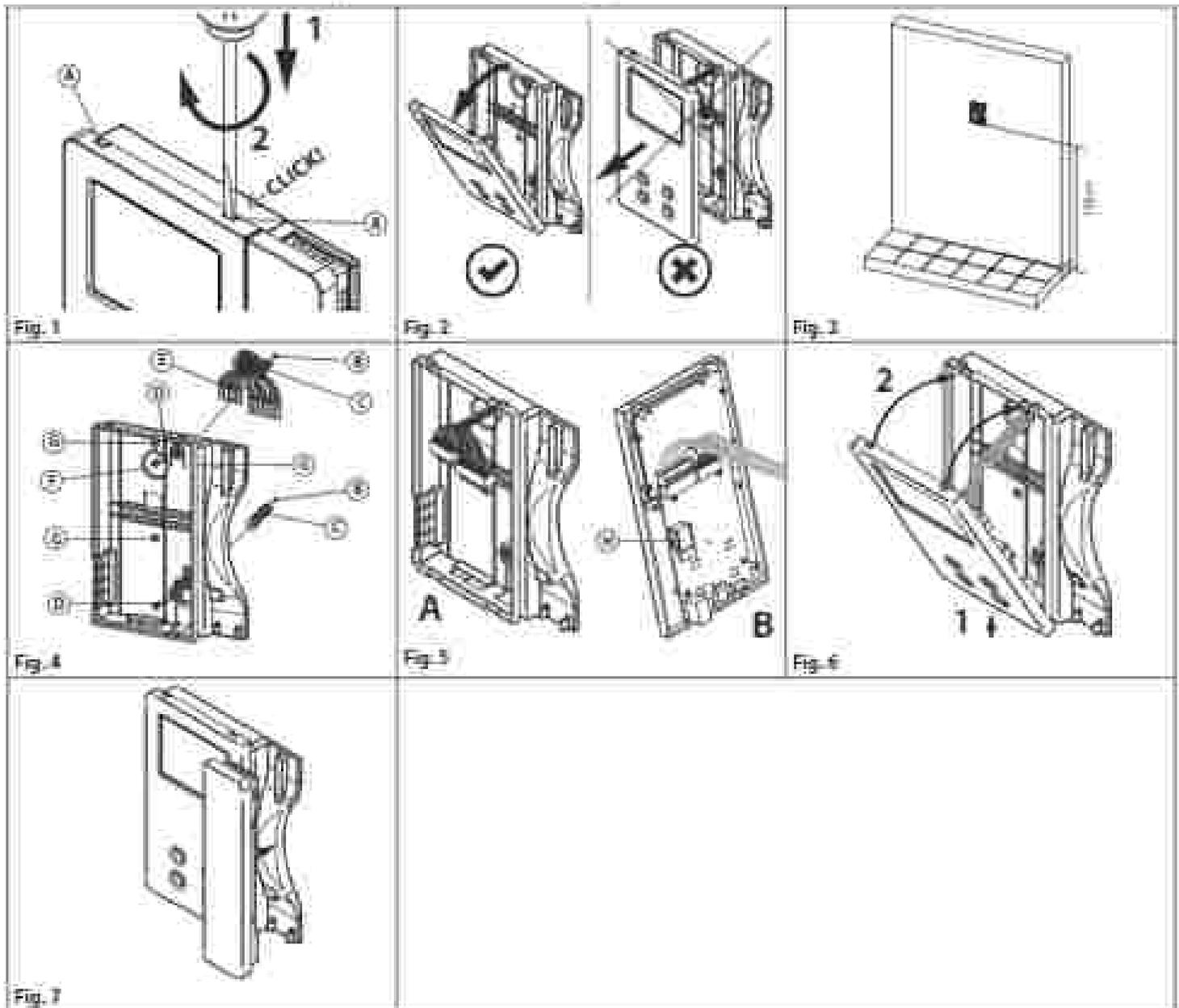
MEMORY BOARD

This device is also available in the version with memory board (Art. 6256/VM). If you have that version, please refer to the "6200, 6300, 6400 and 6700 Series Memory Board" user manual (in English and Italian) for installation and use.



The manual is available for download: click/tap or scan the QR code.

6200 Series Videophone wall mounting instructions



1. In order to install the videophone, it is necessary to remove the cover, which contains all the electronics, from the base firstly disconnect the handset from the videophone (by removing its plug from the videophone then insert a 5.5mm flat screw driver into the clip (A) then rotate clockwise until you listen a "CLICK!". Repeat the same operation with the other clip as shown in Fig. 1.
2. Pull outwards the top part of the cover as shown in Fig. 2. **Don't pull the cover straight**
3. Put the base of the unit on the wall at approx. 135cm from the finished floor (Fig. 3) to mark the points for the fixing holes (B) (Fig. 4) remembering that the wires (E) (Fig. 4) must be led through the hole (F) (Fig. 4). If you use the flush mounting box 503, embed it into the wall vertically at approx. 140cm from the finished floor and the base.
4. Following Fig. 4, make the holes (B), insert the wall plugs (C) and fix the base with the screws (D) feeding the wires (E) into the hole (F). If you have used the box 503, fix the base to the wall through the holes (C) using the screws (D).
5. As shown in Fig. 5A, connect the wires to the removable terminals following the provided installation diagram. Connect the terminal blocks to the electronics contained in the cover as shown in Fig. 5B. Reinsert the handset and test system before doing. **Note:** Contrast and hue trimmers can be adjusted only if the videophone is open. **Note while testing the system, it is advisable to hold the cover with your hand closing manually the hook switch of the handset (see Fig. 5B reference (H)).**
6. Once testing is complete and all the necessary adjustments are made, disconnect the handset from the cover and close the unit as shown in Fig. 6: first hook it on the bottom then push in the top until you hear a "CLICK!".
7. Reconnect the handset and hang it as shown in Fig. 7.

Art. 316 - Art. 316N

4 Way video distributor for system with balanced video signal

DESCRIPTION

ART. 316

4 Way video distributor for systems with balanced video signal. In white plastic ABS box 112x76x30mm surface mount.

ART. 316N

As Art. 316 but small form factor without terminals to connect "+" (plus) and "-" (minus) from videoprobes (it required an external connection of these terminals). It is housed in a 50x65x20 mm plastic box which is for surface mounting.

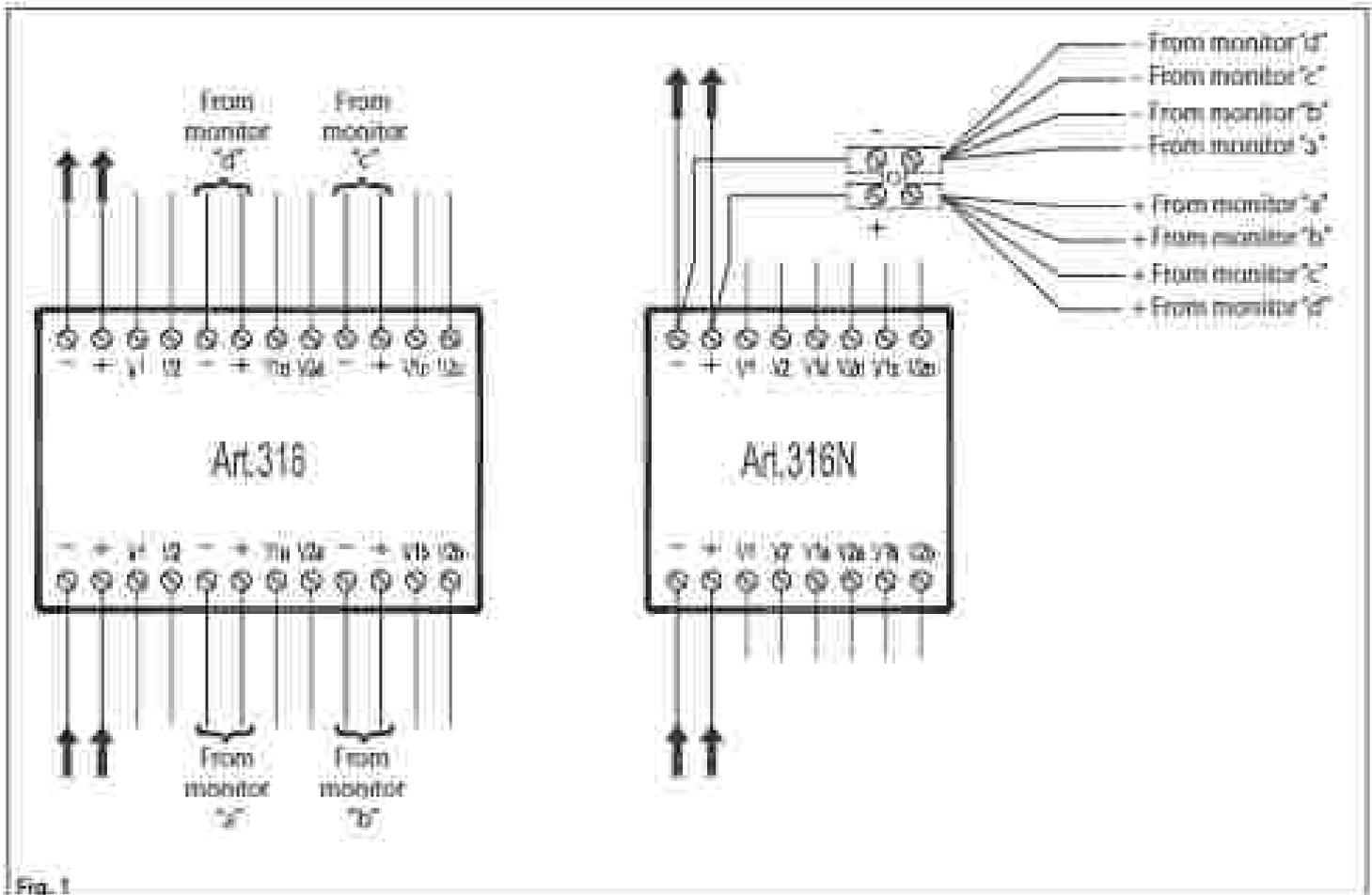
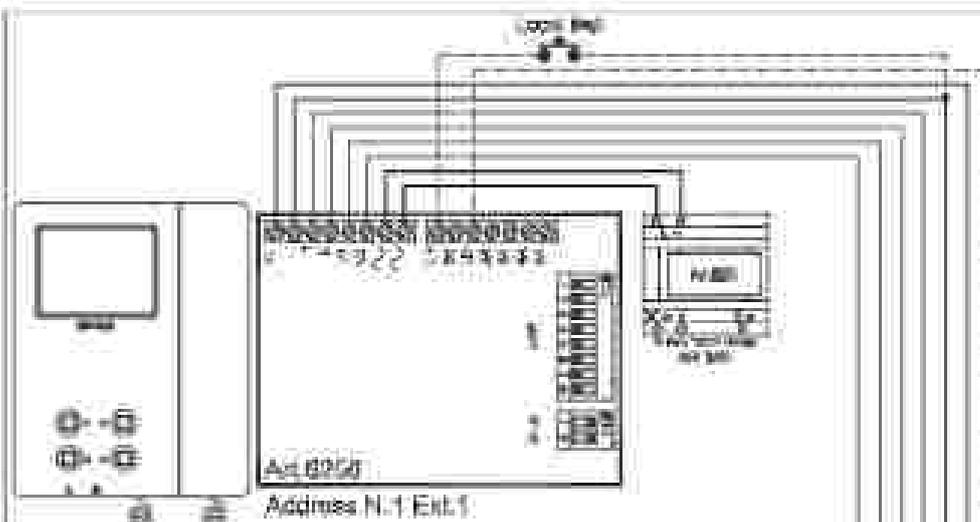
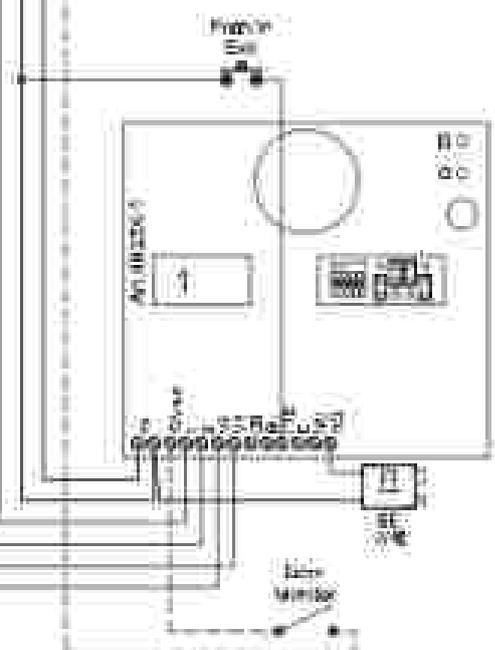
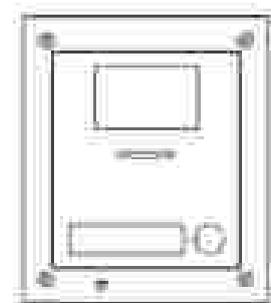
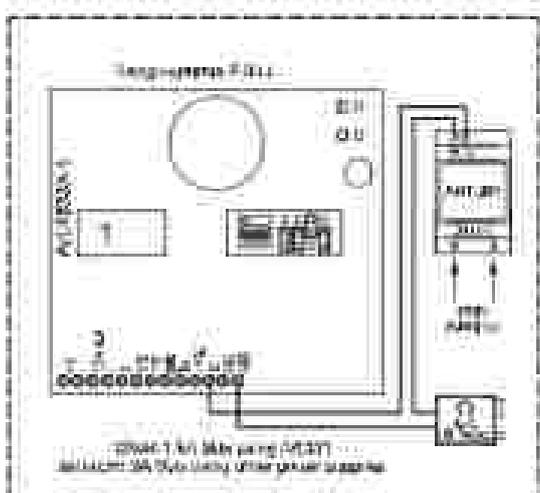


Fig. 1



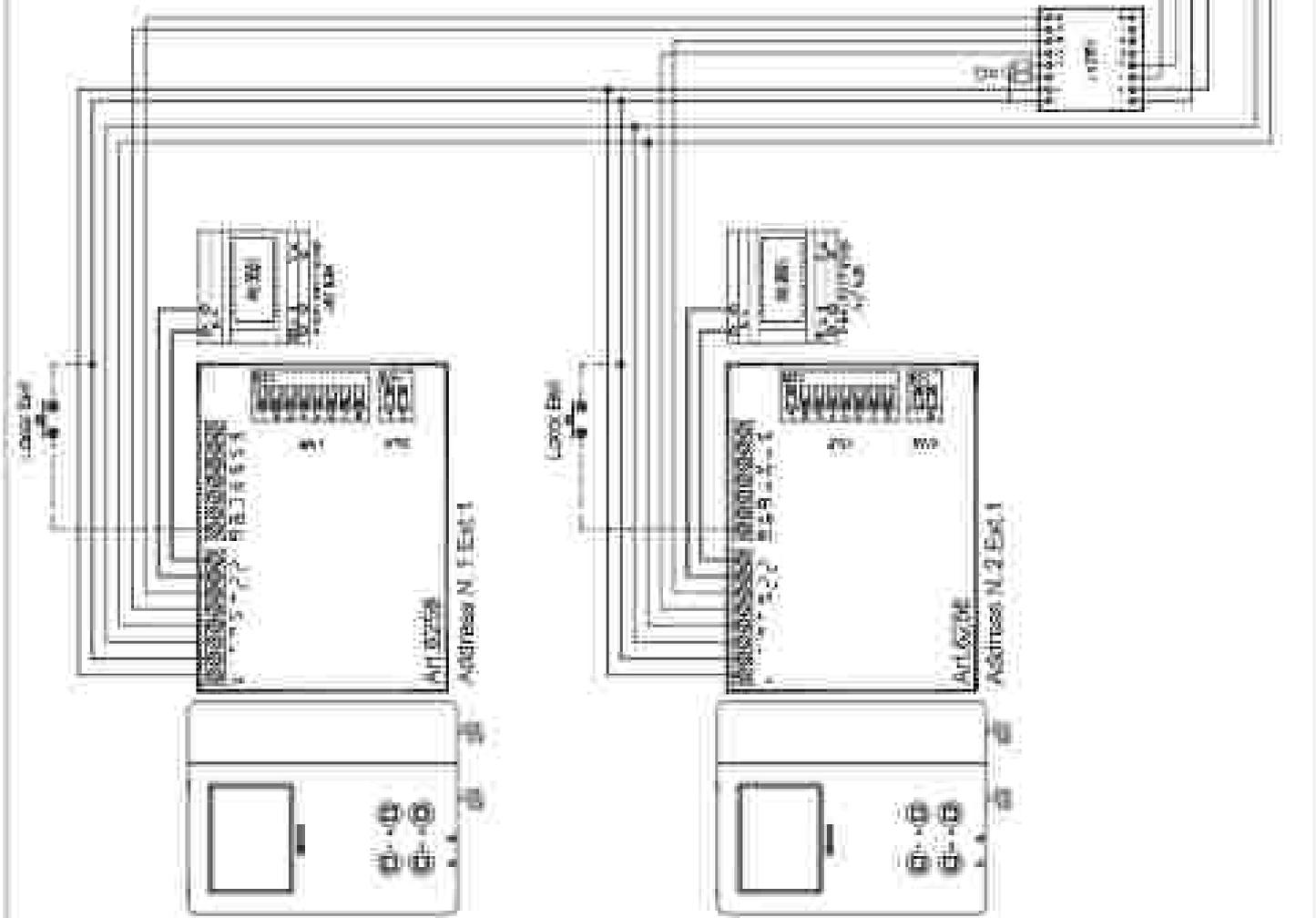
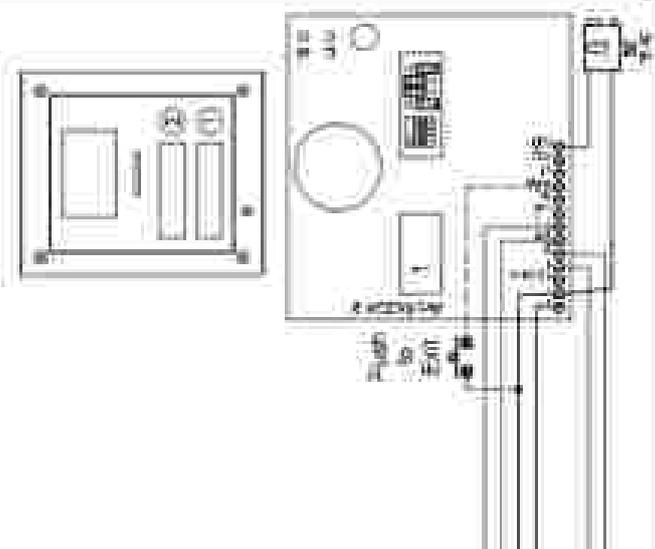
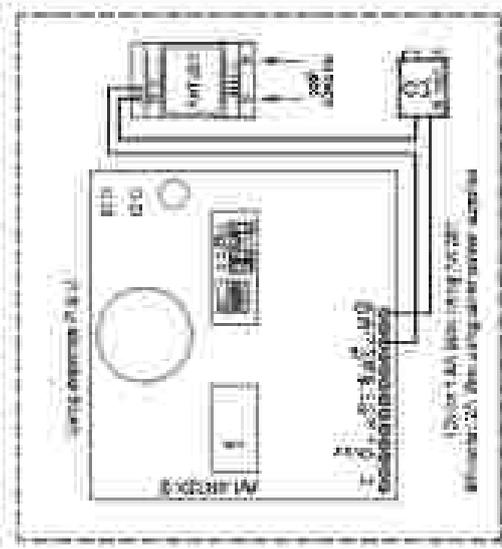
Attenzione: qualsiasi modifica alle apparecchiature del sistema deve essere effettuata solo da personale tecnico qualificato. È necessario leggere attentamente il manuale utente e le avvertenze.

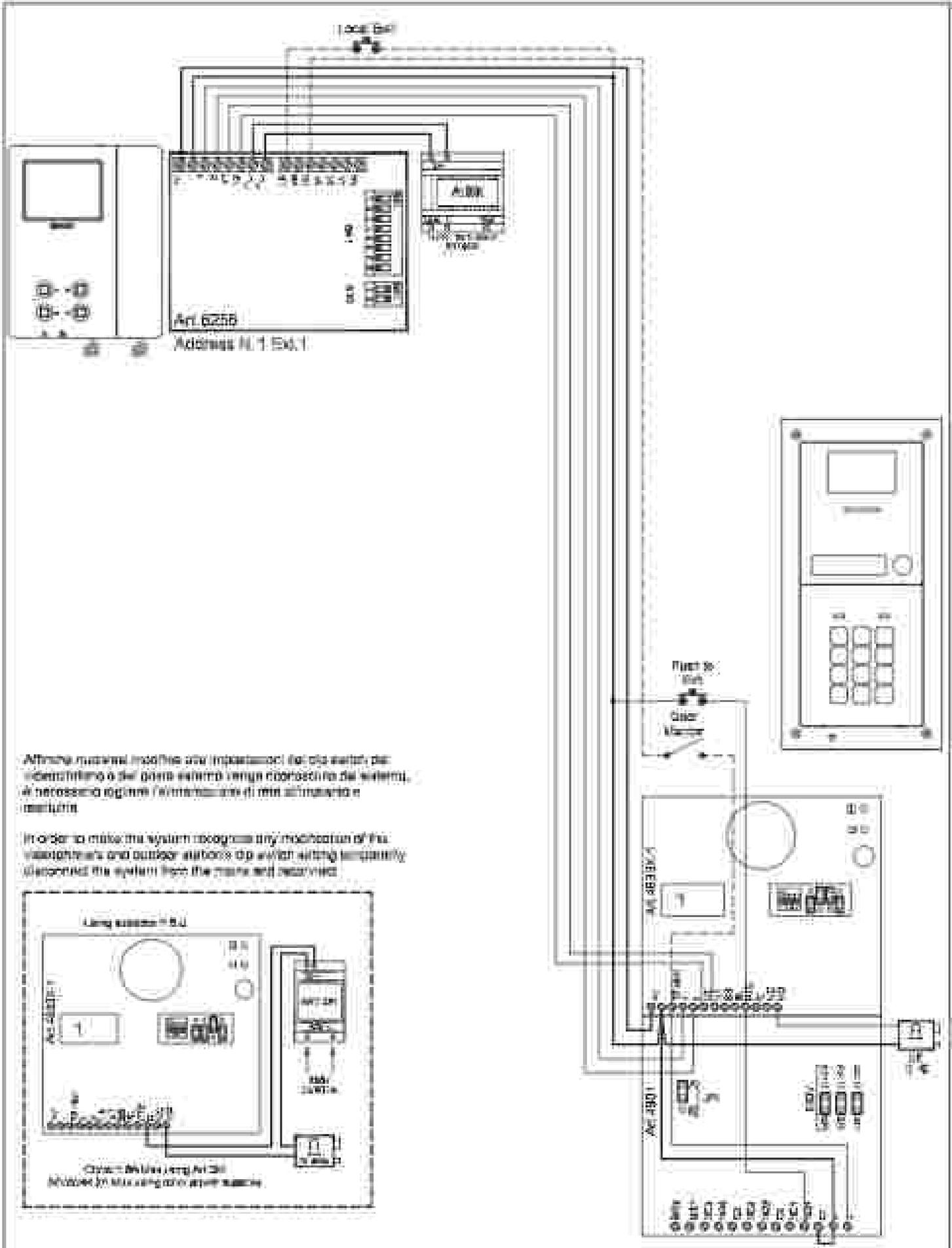
Per evitare danni al sistema, qualsiasi modifica delle apparecchiature e dei cavi deve essere effettuata solo da personale tecnico qualificato. È necessario leggere attentamente il manuale utente e le avvertenze.



Altreve: utilize il modulo di interfaccia per il controllo del sistema di allarme, il modulo di interfaccia per il controllo del sistema di allarme, il modulo di interfaccia per il controllo del sistema di allarme.

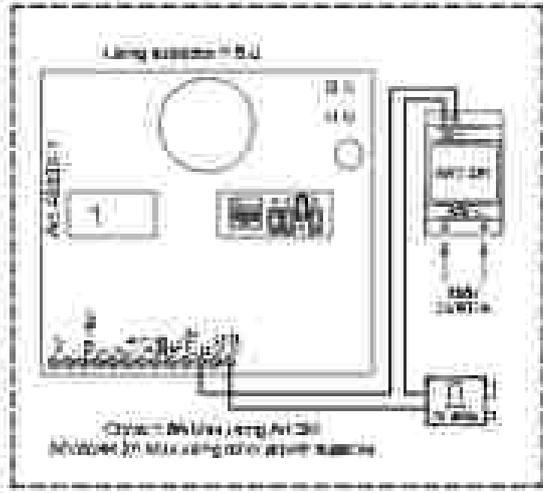
Il modulo di interfaccia per il controllo del sistema di allarme, il modulo di interfaccia per il controllo del sistema di allarme, il modulo di interfaccia per il controllo del sistema di allarme.





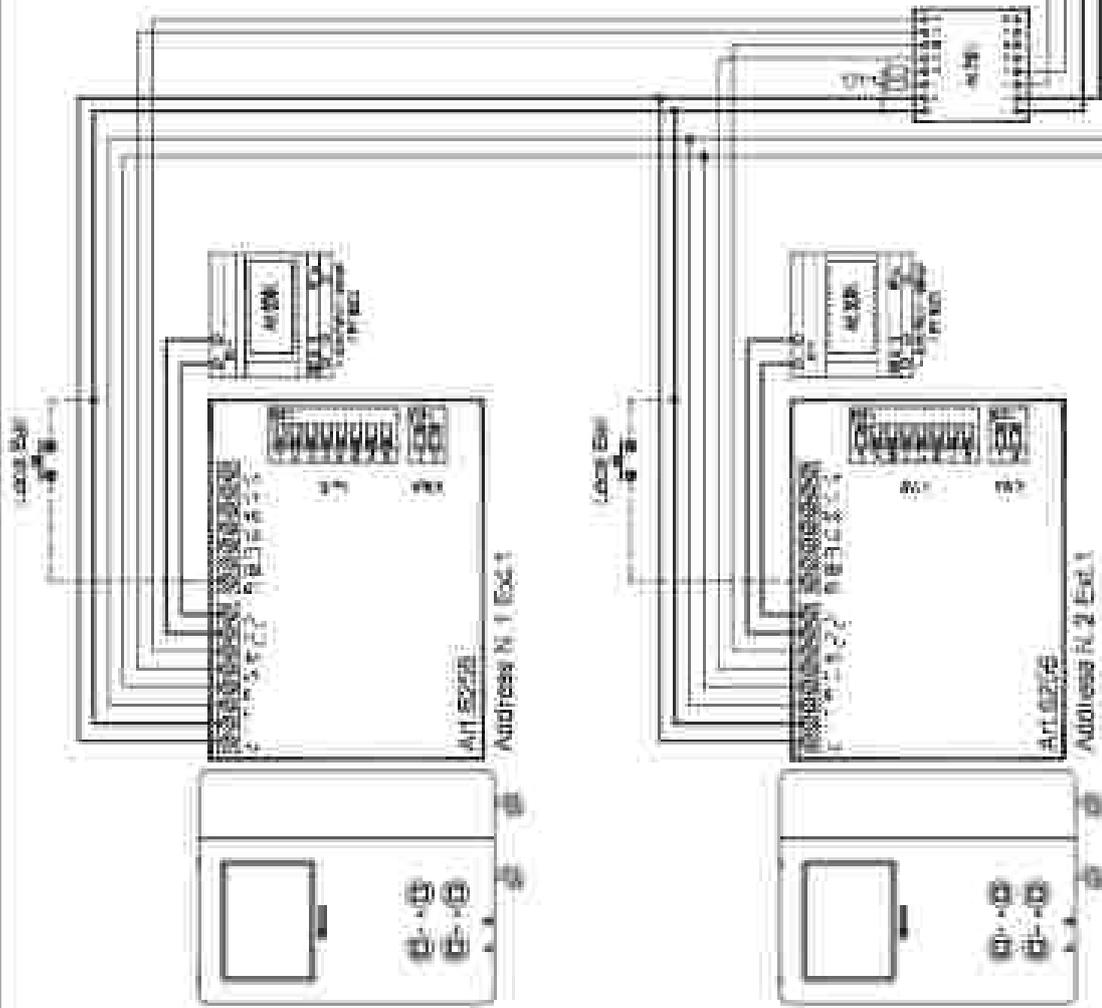
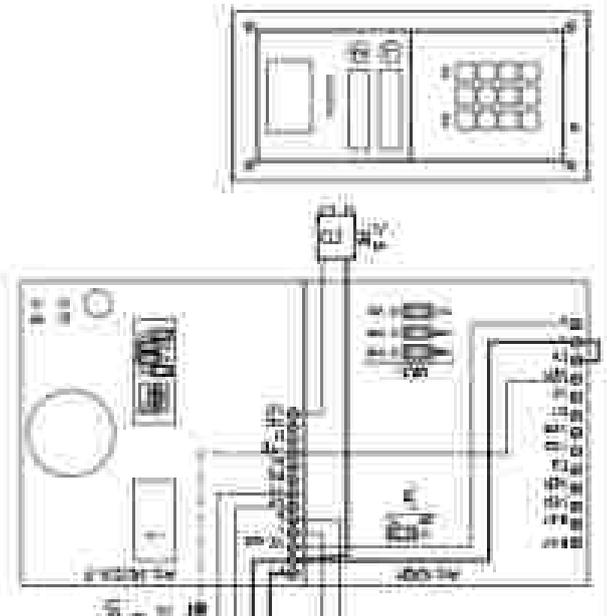
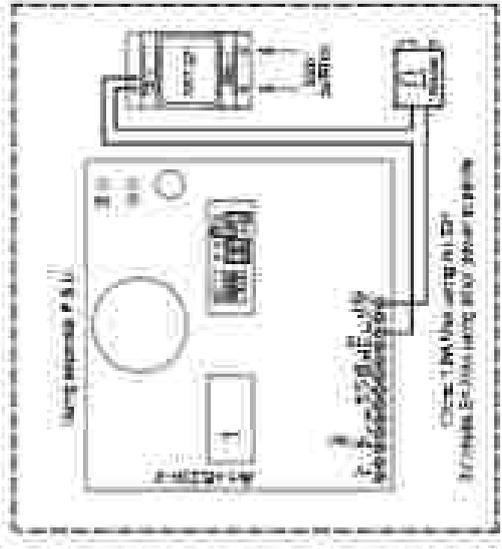
Attn: In caso di modifiche o di importanti lavori di cantiere, per identificare il filo esterno venga rimosso dal sistema, è necessario togliere l'alimentazione di rete all'intero e installare.

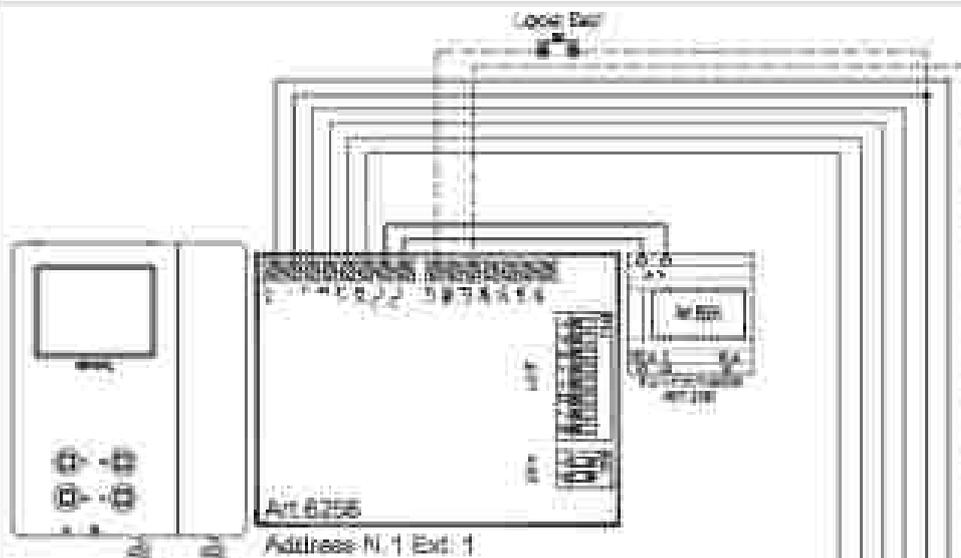
In order to make the system recognize any modification of the visitation's and outdoor unit's to which wiring temporarily disconnected the system from the main and returned.



After the power supply and processor are installed, the system will be ready to use. It is recommended that the system be connected to the power supply and processor as soon as possible after installation.

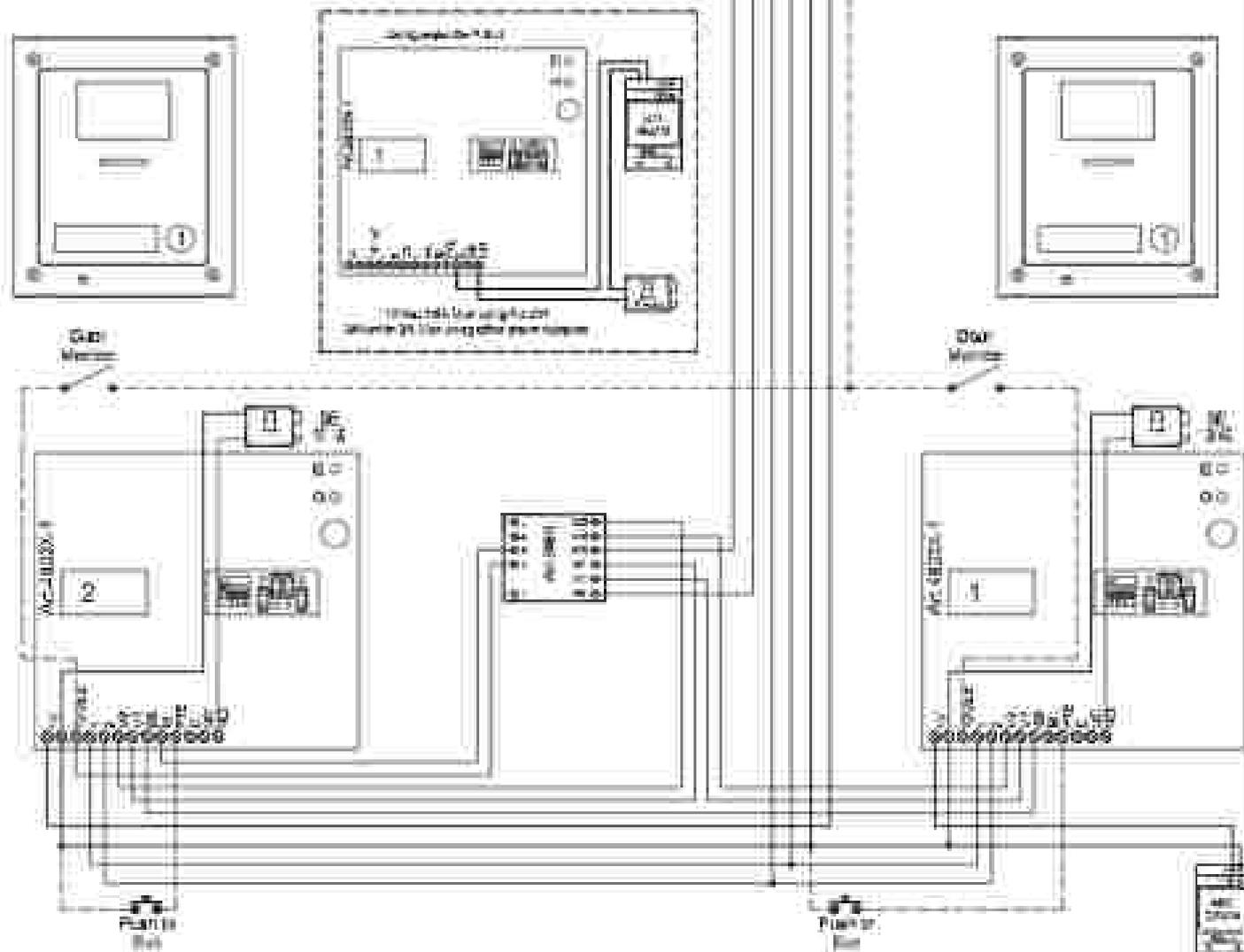
In order to finish the system, connect the modules of the system to the power supply and processor. It is recommended that the system be connected to the power supply and processor as soon as possible after installation.

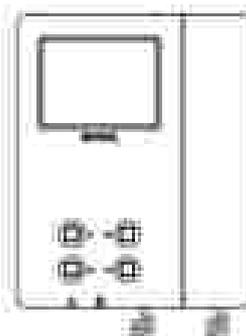
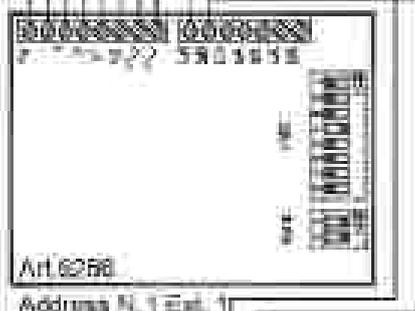




Altre modifiche: modificare l'impostazione del display del videofonone o del posto esterno venga modificata all'esterno. È necessario togliere l'accumulatore di rete ed inserirlo a richiesta.

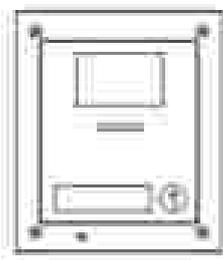
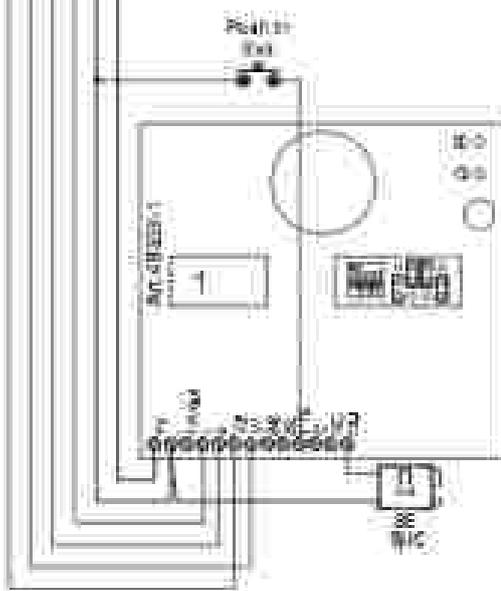
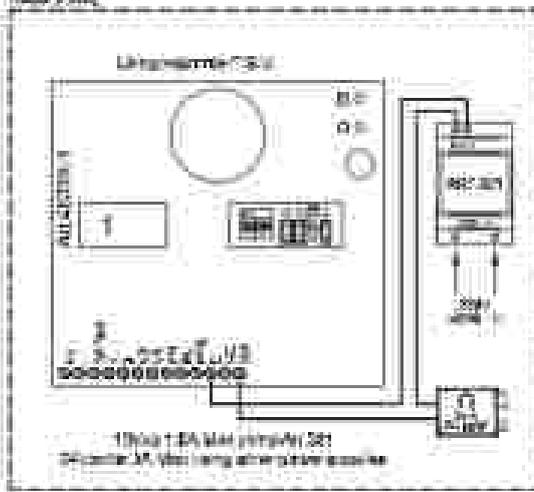
In order to make the system recognize any modification of the videophone's and outdoor station's do-switch setting temporarily disconnect the system from the mains and reconnect.





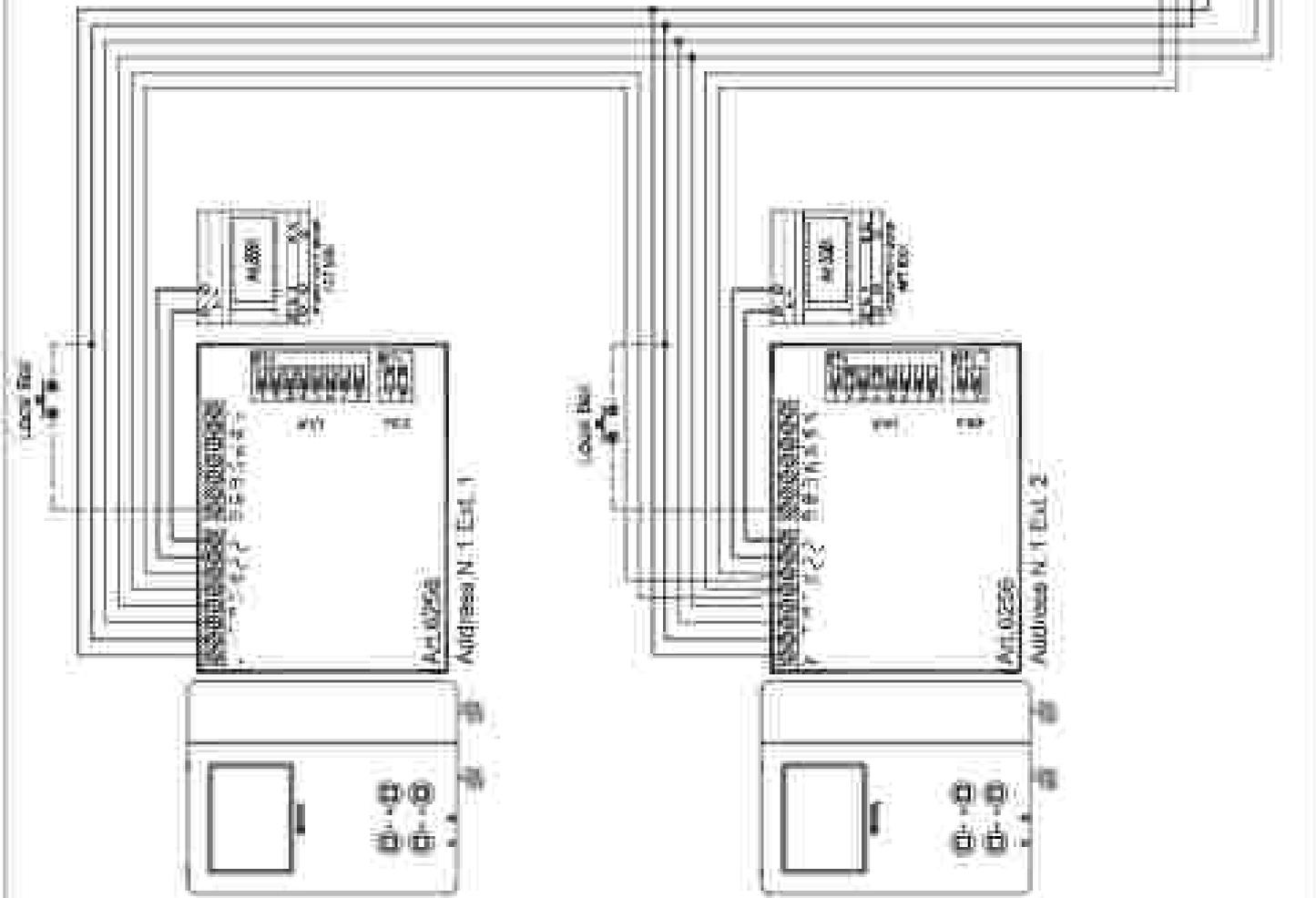
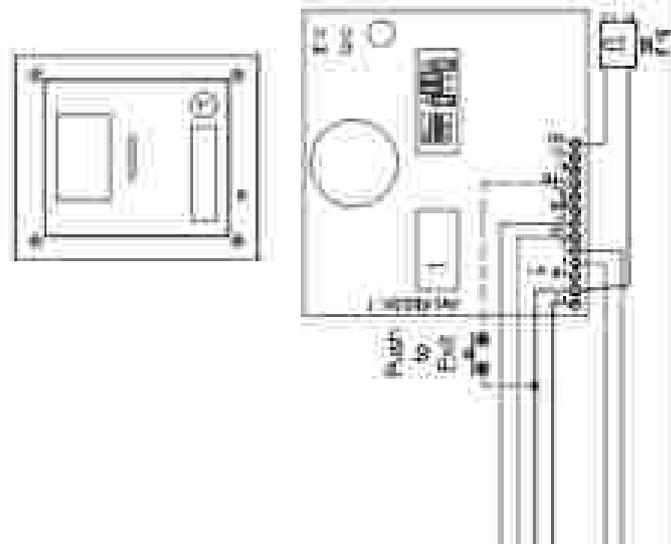
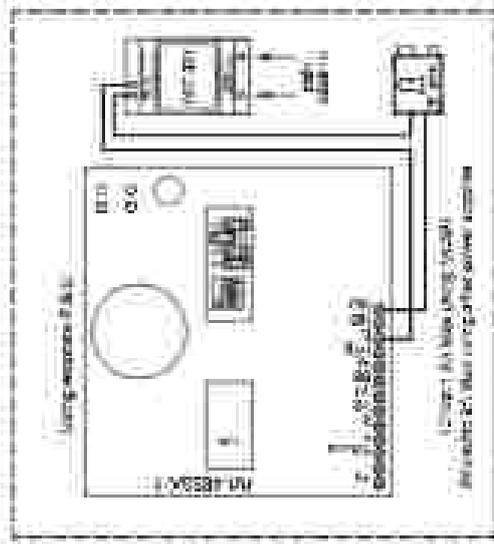
Attn: In questo modulo gli indicatori di stato sono visualizzati a sei posizioni a seconda delle necessità del sistema. Il necessario togliere l'armamento di tale elemento a richiesta.

In order to make the system recognize any modification of the microphone and outdoor station's location setting temporarily disconnect the system from the main and relay unit.



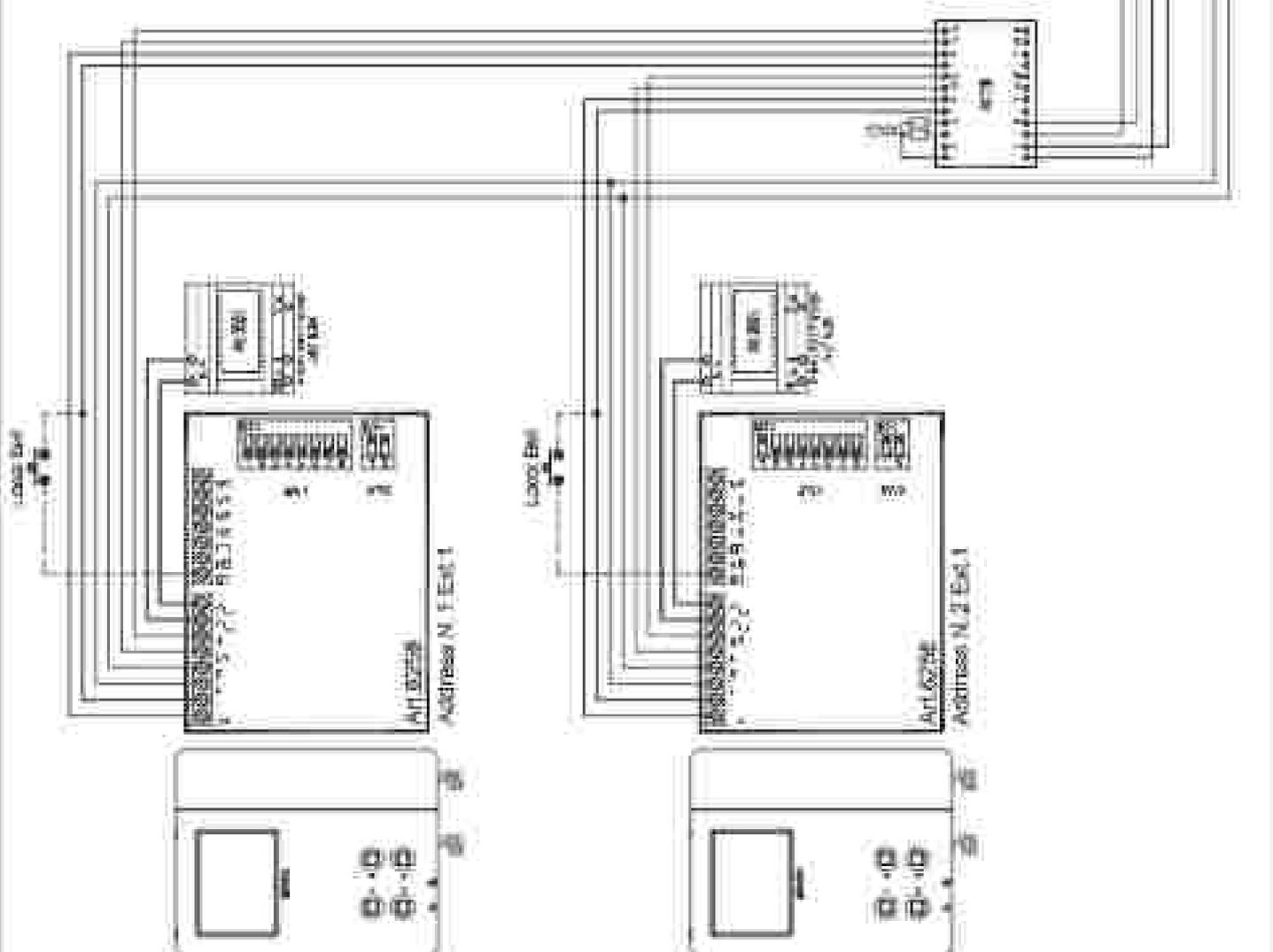
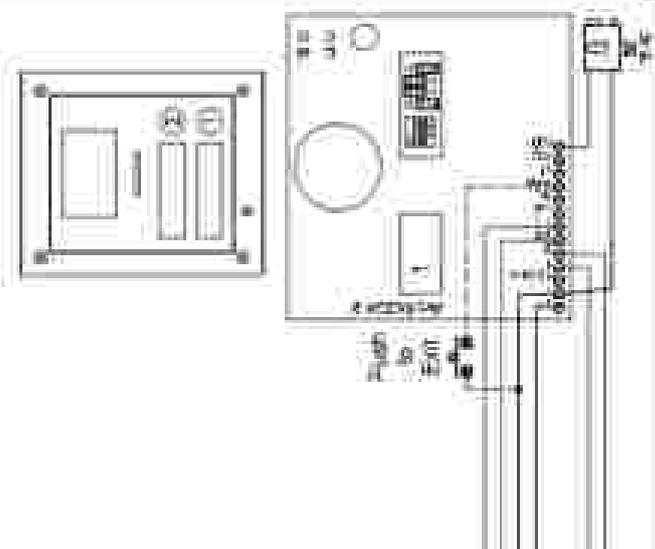
Adattare il sistema al tipo di impianto di allarme, in modo da poter integrare il sistema di allarme con il sistema di allarme di sicurezza, in modo da poter integrare il sistema di allarme con il sistema di allarme di sicurezza.

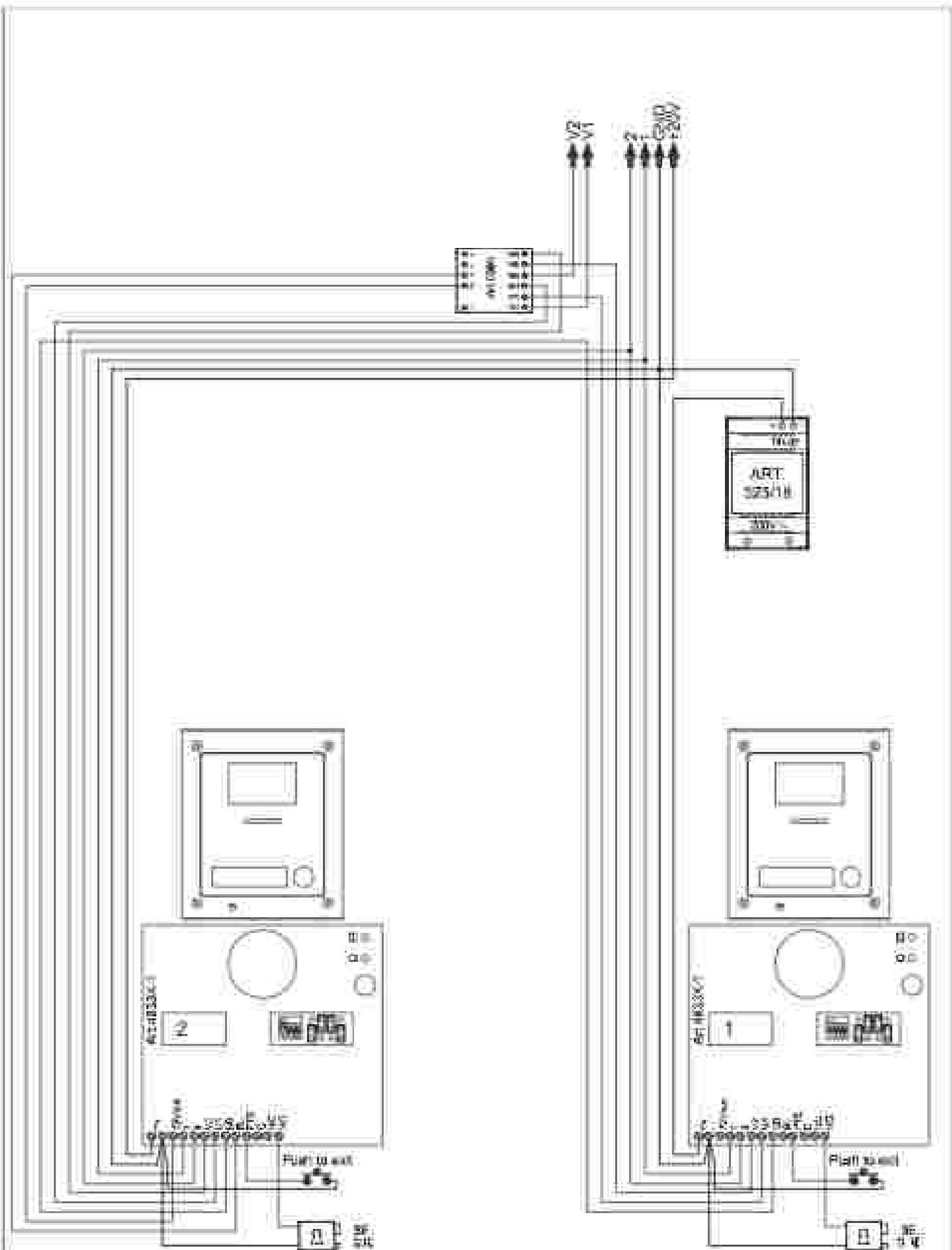
Il sistema di allarme deve essere installato in modo da poter integrare il sistema di allarme con il sistema di allarme di sicurezza, in modo da poter integrare il sistema di allarme con il sistema di allarme di sicurezza.



At the time of installation, the programmer will be in the "Learn" mode. The programmer will be in the "Learn" mode when the system is first installed. The programmer will be in the "Learn" mode when the system is first installed.

It is important to make the system work properly. The system will be in the "Learn" mode when the system is first installed. The programmer will be in the "Learn" mode when the system is first installed.





0001_0002 - Technische document for Air Traffic Light
 0001_0002 - Technische document voor de luchtsignalen
 Vixen Electronics B.V.A.
 Vixen Electronics B.V.A.
 Vixen Electronics B.V.A.
 Vixen Electronics B.V.A.

0001_0002 - Technische document for Air Traffic Light
 0001_0002 - Technische document voor de luchtsignalen
 Vixen Electronics B.V.A.
 Vixen Electronics B.V.A.
 Vixen Electronics B.V.A.

DISPOSAL

In accordance with the Legislative Decree no. 40 of 14 March 2014 "Implementation of the Directive 2012/19/EU on waste electrical and electronic equipment (WEEE)".

The crossed-out bin symbol on the equipment or on the packaging indicates that when the product reaches the end of its lifetime, it must be collected separately from mixed municipal waste. The user must, therefore, dispose of the equipment at the end of its lifetime in the suitable waste collection centres or bring it to the retailer during the purchase of a new equipment of equivalent type at the ratio of one to one. Furthermore, the user is allowed to dispose of the WEEEs of very small size (domestic appliances without any external dimension exceeding 25 cm (9.84 inches)) for free to the retailers, without any purchase obligation. The correct waste disposal of the WEEEs contributes to their reuse, recycling and recovery and avoids potential negative effects on the environment and human health due to the possible presence of dangerous substances within them.



SMALTIMENTO

Al sensi del Decreto Legislativo 14 marzo 2014, n° 40 "Attuazione della direttiva 2012/19/UE sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE)".

Il simbolo del cassonetto barrato ripartito sull'apparecchiatura o sulla sua confezione indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti urbani misti. L'utente dovrà, pertanto, conferire l'apparecchiatura giunta a fine vita presso gli idonei centri di raccolta differenziata oppure riconsegnarla al rivenditore al momento dell'acquisto di una nuova apparecchiatura di tipo equivalente, in ragione di uno a uno. L'utente ha, inoltre, la possibilità di conferire gratuitamente presso i distributori, senza alcun obbligo di acquisto, per i RAEE di piccole dimensioni (per le apparecchiature di tipo domestico con nessuna dimensione esterna superiore a 25 cm). L'adeguata raccolta differenziata dei RAEE contribuisce al loro riutilizzo, riciclaggio e recupero ed evita potenziali effetti negativi sull'ambiente e sulla salute umana dovuti alla eventuale presenza di sostanze pericolose al loro interno.

ELIMINATION

Conformément au décret législatif n° 40 du 14 mars 2014 relatif à l'Application de la directive 2012/19 / UE relative aux déchets d'équipements électriques et électroniques (DEEE).

L'ensemble de la nouvelle gamme sur l'équipement ou sur son emballage indique que le produit en fin de vie utilisable doit collecter séparément des autres déchets municipaux en mélange. L'utilisateur doit donc remettre l'équipement ou le déchet au centre de collecte approprié ou le restituer au vendeur lors de l'achat d'un nouveau type d'équipement équivalent dans le rapport de un à un. De plus, l'utilisateur a possibilité de confier gratuitement aux distributeurs, sans aucune obligation d'achat, de très petits DEEE (pour les appareils ménagers sans dimensions maximums supérieures à 25 cm). La collecte séparée adéquate des DEEE contribue à leur réutilisation, leur recyclage et leur valorisation et évite les éventuels effets négatifs sur l'environnement et la santé humaine en raison de la présence possible de substances dangereuses dans ceux-ci.

ELIMINACION

De conformidad con el Decreto legislativo n. 40 de 14 de marzo 2014 "Aplicación de la Directiva 2012/19/UE relativa a residuos de aparatos eléctricos y electrónicos (RAEE)".

El símbolo del contenedor tachado indica sobre los aparatos o sobre los embalajes señala que el producto al final de su vida útil debe ser recogido separadamente de otros residuos municipales mezclados. Por tanto, el usuario deberá conferir los aparatos al final de su vida útil en los apropiados centros de recogida selectiva o devolverlos al proveedor al momento de la compra de nuevos aparatos equivalentes, en una relación de uno a uno. Además, el usuario tiene la posibilidad de entregar sin cargo a los distribuidores, sin ninguna obligación de compra, los RAEE muy pequeños (para electrodomésticos sin dimensiones máximas superiores a 25 cm).

La recogida selectiva apropiada de los RAEE contribuye a su reutilización, reciclaje y valorización y evita potenciales impactos negativos sobre el medio ambiente y la salud humana debidos a la posible presencia de sustancias peligrosas dentro de ellos.

VERWIJDERING

In overeenstemming met het Wetbesluit nr. 49 van 14 maart 2015 "Implementatie van de Richtlijn 2012/19/EU inzake afgedankte elektrische en elektronische apparaten (AEEA)".

Het doorgeslepen vuilnisbaksymbool op het apparaat of de verpakking geeft aan dat het product aan het einde van zijn levensduur niet samen met het gewone huishoudelijk afval moet worden. De gebruiker moet het apparaat aan het einde van zijn levensduur inleveren bij een gepast inzamelpunt of de winkel waar hij een nieuw apparaat van een gelijksoortig type wil kopen. De gebruiker kan tevens AEEAs van een zeer klein formaat (huishoudapparaten met een buitenafmeting kleiner dan 25 cm (9,84 inch)) gratis en zonder enige aankoopverplichting bij handelen inleveren. Een juiste verwijdering van AEEAs draagt bij tot hergebruik, recycling en terugwinning, en voorkomt potentiële negatieve effecten op het milieu en de menselijke gezondheid door de mogelijke aanwezigheid van gevaarlijke stoffen.

MANUFACTURER FABBRICANTE FABRICANT FABRICANTE FABRIKANT شركة تصنيع	VIDEX ELECTRONICS S.P.A. Via del Lavoro, 1 63046 Monte Giberto (FM) Italy Tel: (+39) 0734 631669 Fax: (+39) 0734 632475 www.videx.it - info@videx.it	
CUSTOMER SUPPORT SUPPORTO CLIENTI SUPPORTS CLIENTS ATENCIÓN AL CLIENTE KLANTENDIENST خدمة العملاء	VIDEX ELECTRONICS S.P.A. www.videx.it - technical@videx.it Tel: +39 0734-631669 Fax: +39 0734-632475	UK Customers only: VIDEX SECURITY LTD www.videxuk.com Tech Line: 0191 224 3174 Fax: 0191 224 1559

Main UK office:
VIDEX SECURITY LTD
 1 Cyprey Trinity Park
 Trinity Way
 LONDON E4 8TD
 Phone: (+44) 0370 300 1240
 Fax: (+44) 020 8523 5825
 www.videxuk.com
 marketing@videxuk.com

Northern UK office:
VIDEX SECURITY LTD
 Unit 4-7
 Chillingham Industrial Estate
 Chapman Street
 NEWCASTLE UPON TYNE - NE4 2XX
 Tech Line: (+44) 0191 224 3174
 Phone: (+44) 0370 300 1240
 Fax: (+44) 0191 224 1559

Greek office:
VIDEX HELLAS Electronics
 45 Filofaxou Str.
 11623 ATHENS
 Phone: (+30) 210 752 8038
 (+30) 210 752 1958
 Fax: (+30) 210 7560712
 www.videx.gr
 videx@videx.gr

Danish office:
VIDEX DANMARK
 Hammersbojsgade 15
 DK-2100 COPENHAGEN
 Phone: (+45) 39 29 60 00
 Fax: (+45) 39 27 77 75
 www.videx.dk
 videx@videx.dk

Belgian office:
NESTOR COMPANY NV
 E3 baan, 93
 B-9800 Deinze
 Phone: (+32) 9 300 40 20
 Fax: (+32) 9 300 40 25
 www.videx.be
 info@videx.be

Dutch office:
NESTOR COMPANY BV
 Business Center Twente (BCT)
 Gentestraat, 64
 NL-7522 GM Borne
 www.videxntntr.com.nl
 info@videxntntr.com.nl



The product is CE marked demonstrating its conformity and its distribution within all member states of the EU with no restrictions. This product fulfills the provisions of the European Directives 2014/53/EU (EMC), 2014/52/EU (RED), 2014/53/EU (RATF) and CE marking 030855.

Il prodotto è marcato CE e dimostra la sua conformità e può essere distribuito liberamente all'interno del paese membro dell'Unione Europea (EU). Questo prodotto è conforme alle direttive Europee 2014/53/EU (EMC), 2014/52/EU (RED), 2014/53/EU (RATF) e marcato CE 030855.

Il prodotto est homologat CE i demostrant la seva conformitat i pot ser distribuït lliurement dins tots els països membres de l'estat europeu UE. El producte està conforme amb les directives europees 2014/53/EU (EMC), 2014/52/EU (RED), 2014/53/EU (RATF) i està marcat CE 030855.

Il prodotto è certificato CE e dimostra la sua conformità e può essere distribuito in tutti le nazioni membri de la union europea UE. Il prodotto è conforme con le direttive Europee 2014/53/EU (EMC), 2014/52/EU (RED), 2014/53/EU (RATF) e marcato CE 030855.

Het product heeft de CE-keuring en de conformiteit ervan aan de normen is bevestigd voor alle lidstaten van de Europese Unie. Dit product voldoet aan de bepalingen van de Europese Richtlijnen 2014/53/EU (EMC), 2014/52/EU (RED), 2014/53/EU (RATF) en CE-keuring 030855.

هذا المنتج معتمد طرفي CE والرقم CE 030855 يوضح من التوافقية ذات الصلة ومطابقة توجيهات في الاتحاد الأوروبي حيث تم توريد هذا المنتج مع متطلبات التوجيهات الأوروبية 2014/53/EU (EMC) - 2014/52/EU (RED) - 2014/53/EU (RATF) و علامة المطابقة التوافقية الأوروبية EEC 030855.

