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1.1 Warnings and tips

Before proceeding with the installation read this manual carefully. The guarantee is automatically cancelled in the case of negligence, incorrect use and tampering by unauthorised people.

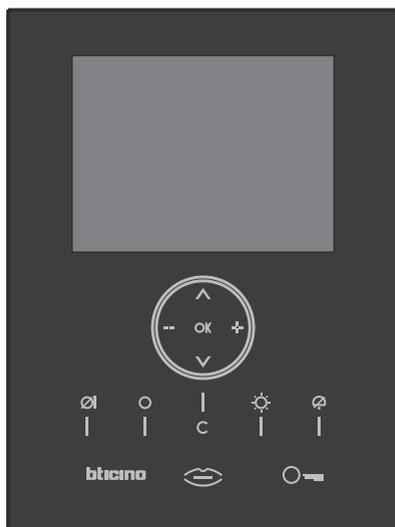
Thus the Axolute Video Station:

- must only be installed indoors;
- must not be exposed to drips or splashes of water;
- must only be used on BTicino digital 2-wire video door entry systems.

1.2 Package content

The package contains:

- Axolute Video Station
- Metal base for wall installation
- Installation manual
- User manual
- CD
- Cleaning cloth



2 Description

2.1 Main functions

The BTicino Axolute Video Station is the evolution of the video handset which can be used in managing the home system. As well as all the 2-wire digital door entry functions, in systems combined with the My Home multimedia system, Axolute Video Station can manage the home: from security to well-being to entertainment (display of the alarm state, sound system, temperature setting in single rooms) with sound system amplifier function.

It has an 8" colour LCD screen, audio stereo loudspeakers, icon menu, capacitive keypad with blue LED backlit keys for navigation in the menu and video door entry function keys.

COMBINATIONS

Communication:

Allows access via the main menu page to a set of predefined video door entry function keys:

INTERCOM – intercom call to an audio handset

CAMERA – direct activation of the camera associated to the entrance panel or separate for video CCTV

ACTIVATION – direct activation of the actuator associated to the entrance panel

SEQUENTIAL SWITCHING – sequential activation of the cameras in the system

Scenarios:

Can activate the first five scenarios saved in the scenario module.

Alarms:

Can display the divided zones, the system state and the last three alarms received with information on them (date, time and type of alarm).

Sound system:

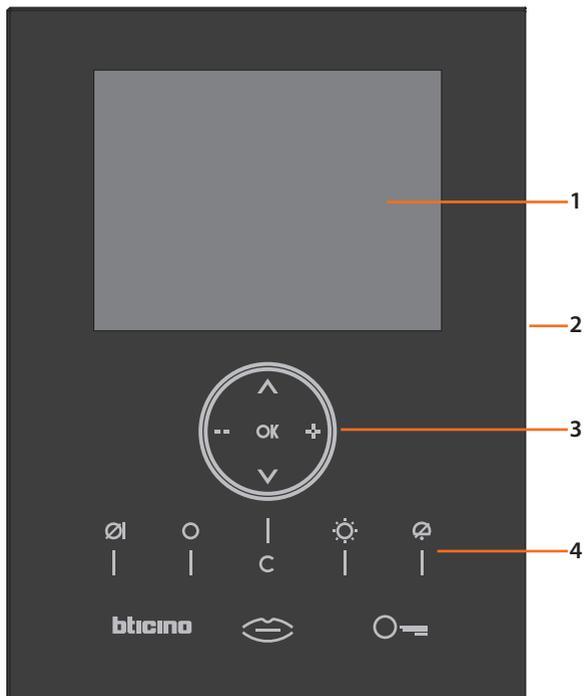
Can manage the BTicino digital sound system: cycle the sources and the tune/station of the active source and adjust the volume of the local amplifier (if locally supplied).

Temperature control:

Can monitor the state of the temperature control unit, display and adjust the temperature (manual) in the single zones of the home and set the Protection/Week/Off state.

Multimedia:

Can access and manage the multimedia system.

2.2 Front view

1 - 8" colour LCD screen

2 - Microphone

3 - Navigation keys

4 - Led and Video door entry function keys

2.3 Video door entry function keys



Mute

Disables/enables the microphone during a sound connection. Activating the Mute during the conversation the connection key LED turns red.



Activation Entrance Panel/Cycling

Activates the switching ON of the associated Entrance Panel and cycles any other Entrance Panels/cameras.



Staircase lights

Activates the staircase light relay.



Call Exclusion

Disables/enables the call bell. If the bell is disabled, the exclusion LED lights up and the Connection LED signals the call (flashing)



Door lock key

In connection opens the door lock of the connected Entrance Panel, at rest that of the associated Entrance Panel.

The LED signals its operation.



Connection key

Activates/deactivates the connection. If a call is received the LED flashes, during the conversation it shines steadily.

At rest activates the paging function (if enabled).

2.4 Navigation keys



OK key

Gives access to the menu; confirms the selection made.



^ v keys

Inside the menu selects the previous or next item.



-- + keys

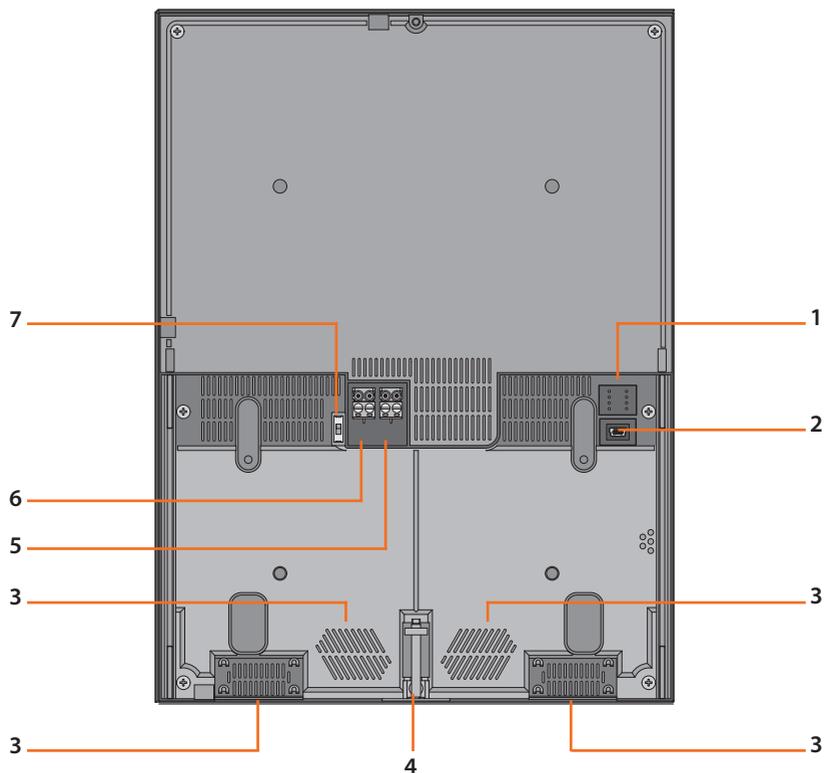
Inside the menus change the value set.

In audio/video connection allow quick access to the audio/video adjustments.



C key

Returns to the previous screen. If on the first screen switches the display OFF.

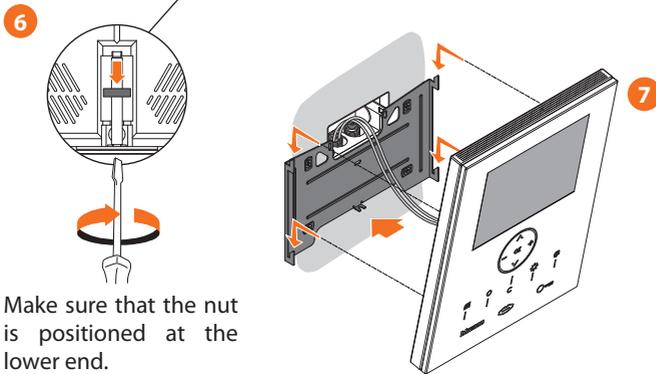
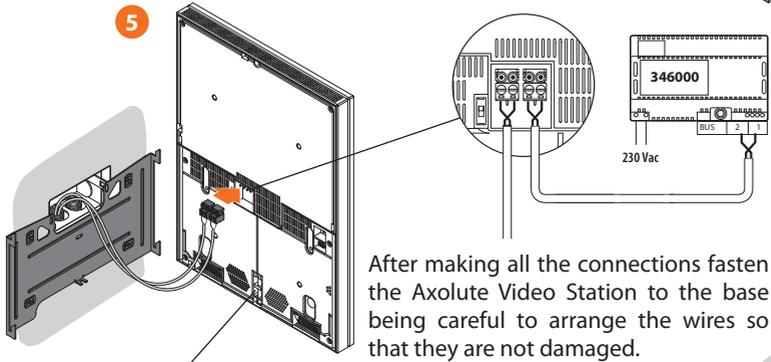
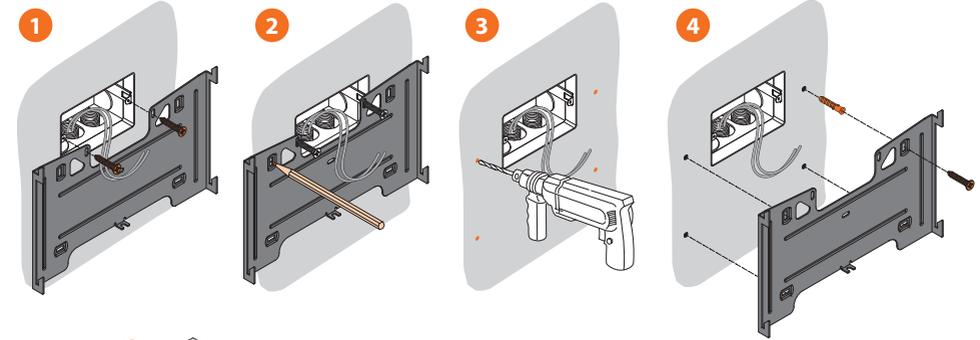
2.5 Rear view

- 1 - Configurator socket
- 2 - Mini-USB connector for connection to the PC
- 3 - Loudspeakers to play voice and stereo sound
- 4 - Screw to fasten the Video Station to the metal base
- 5 - Connector for extra power supply
- 6 - Connector for connection of the BTicino 2-wire digital system BUS
- 7 - Stretch end ON/OFF microswitch

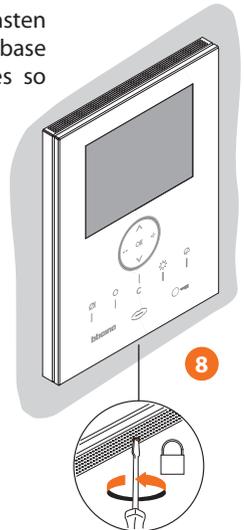
3 Installation

3.1 Wall installation with metal base supplied

To fasten the base use screw anchors and screws of the correct size.
Do not fasten the base directly to the flush-mounted box.



Make sure that the nut is positioned at the lower end.



To complete the installation turn the fastening screw in the lower part of the Video Station anticlockwise.

QUICK CONFIGURATION BY MEANS OF M CONFIGURATOR

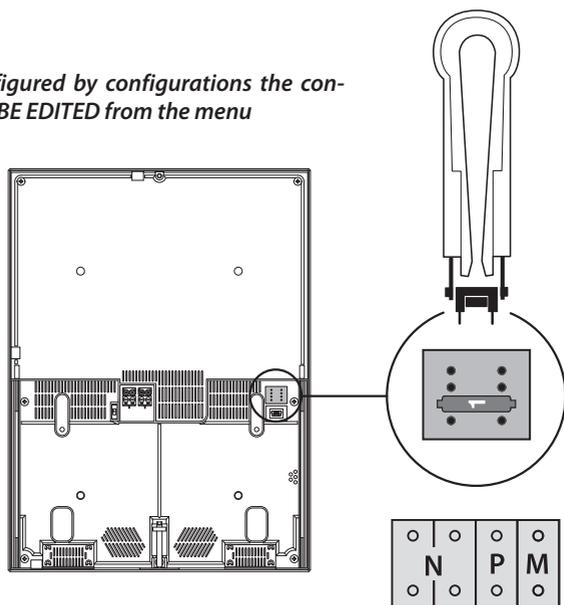
Note: If the apartment has the 2-wire apartment interface item 346850 the Axolute Video Station should be configured using Advanced Configuration

The quick configuration is recommended for standard video door entry systems where no special functions are required and short installation times are important.

In this case the device is configured physically, inserting the configurators in sockets N, P and M. The configurator in M defines the video door entry mode corresponding to a predefined set of five video door entry functions.

CAUTION

If the device is configured by configurations the configuration CANNOT BE EDITED from the menu



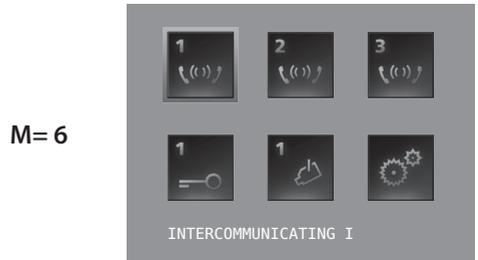
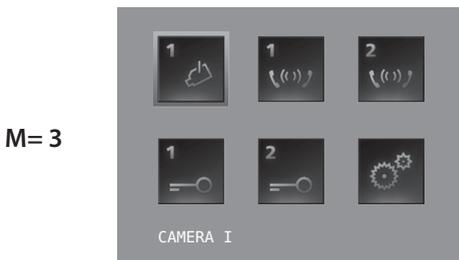
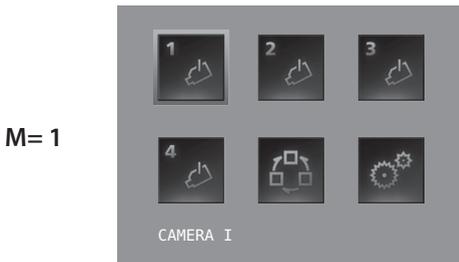
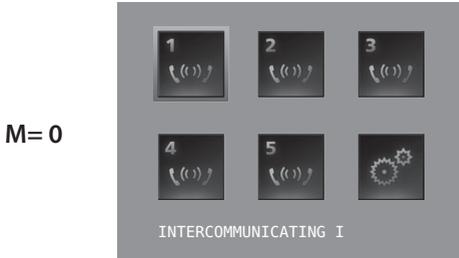
N = (in double figures) address of the device in the video door entry system

P = address of the Entrance Panel associated with the device

M = mode (defines the main menu page and thus the functions which can be used)

Selection of mode M

The main menu page will be made up of a set of predefined video door entry functions which can be selected with M = 0 – 6.



The main menu page always has the five selected functions plus SETTINGS which goes to a page dedicated to the device settings and configurations.

4 Quick configuration

 **INTERCOMMUNICATING:** intercommunicating call to the Handset with address N same as the number indicated by the icon selected. (e.g.: INTERCOMMUNICATING 4 intercommunicating call address to the Handset with N = 4)

 **CAMERA:** direct activation of the camera with the same address as the associated Entrance Panel increased by a number equal to that indicated by the icon selected. (e.g. CAMERA 2 activates the camera with address P+2)

 **ACTIVATION:** activation of the actuator with the same address as the associated Entrance Panel increased by a number equal to that indicated by the icon selected. (e.g. ACTIVATION 3 opening of the Entrance Panel door lock (configured with P+3) directly without the call or activation of actuator item 346200 (configured with P+3 and MOD=5) or activation of actuator item 346230 (configured with P+3)

 **CYCLE CAMERAS:** cyclically activates the cameras in the system starting from the associated Entrance Panel P (just one complete cycle is performed)

Completing the Quick Configuration

After the Axolute Video Station has been configured and switched on the red “connection LED” flashes, to indicate that the configuration must be finished.

Press any key, the Axolute Video Station display shows the language selection menu.

```
LANGUAGE SELECT.  
LANGUAGE: -ENGLISH+  
> CONFIRM
```

 Select the language required from those offered

 Select **CONFIRM**

OK Press **OK** to confirm the selection



The display shows a mask summarising the configuration made

```
SUMMARY CONFIG.  
ADDRESS N : 01  
ADDRESS P : 02  
MODE M : 06  
  
> CONFIGURATION END
```

OK Press **OK** to confirm the configuration

The display and the connection LED go out.
The Axolute Video Station is ready for normal working.

5 Advanced configuration

Configuration from PC by means of the TiAxoluteNighterAndWhiceStation software in the CD supplied lets you configure the main menu page without being limited to a predefined set of functions. The type, parameters and text of each function can be customised.

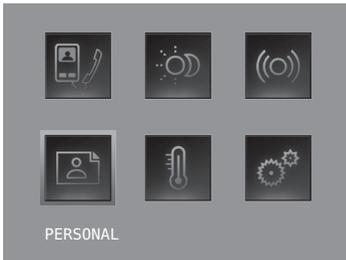
- Greater flexibility in composing the menu.
- Customisation of texts.
- Other ways of managing the house-automation systems

5.1 Flexibility in composition

- the first page can be written with the functions and the house-automation systems which your system effectively has



- the call to a second-level page containing mixed functions can be entered



- enter the PROFESSIONAL STUDIO, HANDSFREE, PAGING and MULTIMEDIA commands, which otherwise can only be called from the SETTINGS menu, in the first page or in a second level page.



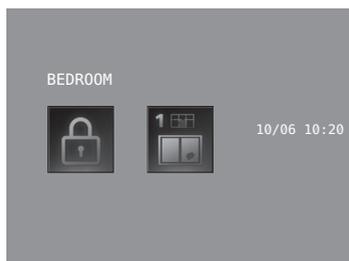
5.2 Customisation of texts

The items in the Axolute Video Station menu (e.g. SCENARIO 4 = Night SCEN, COMMUNICATION = Intercom in the home) can be customised.

The following are also possible for the following systems:

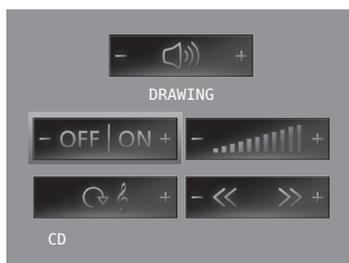
ALARMS

- customise the messages associating a descriptive text to the zone where the alarm comes from
- change the channel combination - type of alarm.



SOUND SYSTEM

- customise the description of 6 Rooms/Amplification sound points
- customise the description of 4 sources



TEMPERATURE CONTROL

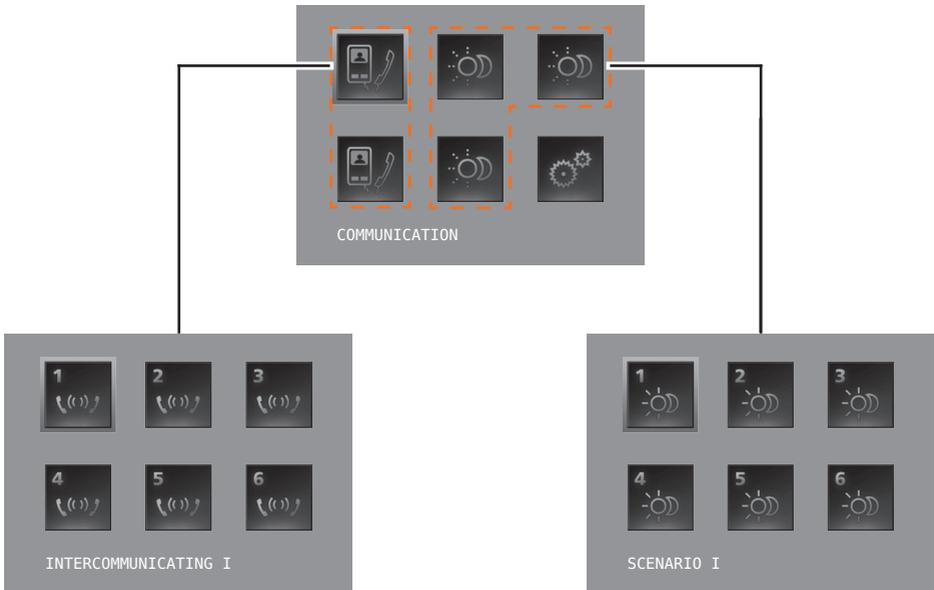
- customise the description of 10 system zones



5.3 Other functionalities

SCENARIOS AND COMMUNICATION

More than one call for scenarios and communication can be added in the first page. In this way up to 30 scenario or communication functions can be entered



In the example at the side 12 communication functions and 18 scenarios can be entered.

SOUND SYSTEM

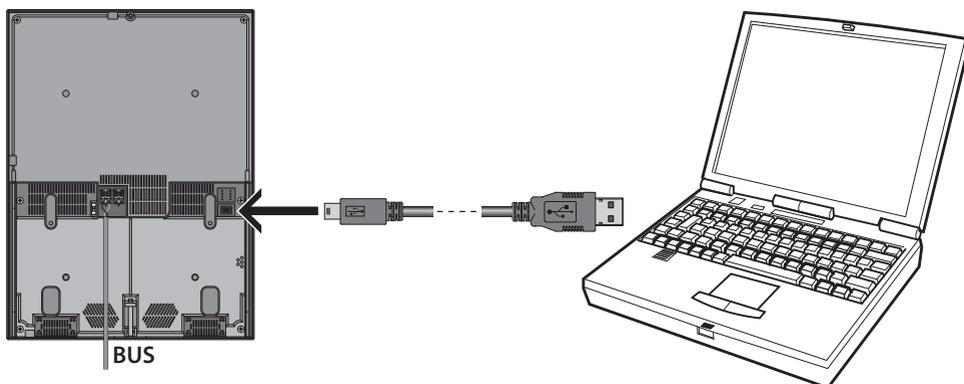
- can select and control up to 6 Rooms/Amplification sound points, specifying the address wanted
- can select and control up to 4 Sources, specifying the address wanted

TEMPERATURE CONTROL

- select and control up to 10 system zones, specifying the address wanted

5.4 Connection to the pc

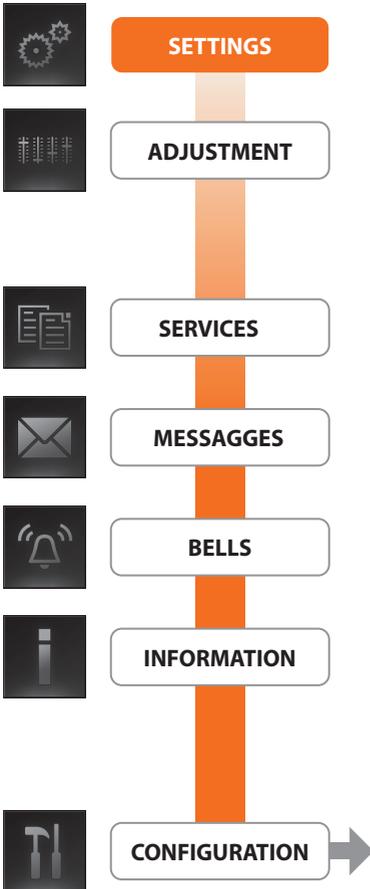
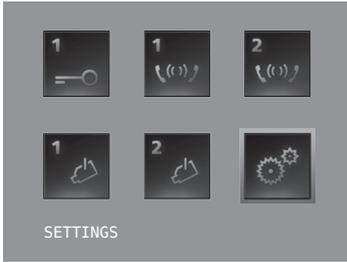
To transfer the configuration made with the TiAxoluteNighterAndWhiceStation software or update the firmware connect to the Axolute Video Station to the PC using USB-miniUSB cable.



In order for the communication to occur, the Axolute Video Station must be powered and not physically configured.

6 Settings

After configuring the Axolute Video Station, you can view and modify the configuration settings in the SETTINGS menu.

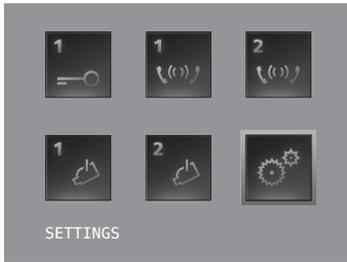


For information about these menus please consult the User manual in the CD enclosed.



OPTIONS
PARAMETER MODE
H CONFIGURATION
RESET

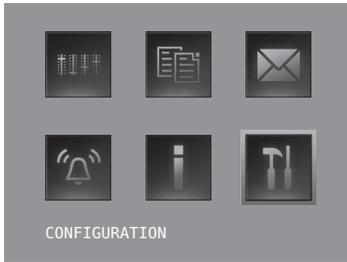
Access to the Configuration menu



^ v Select **SETTINGS**

OK Press **OK** to confirm

6.1 Configuration menu

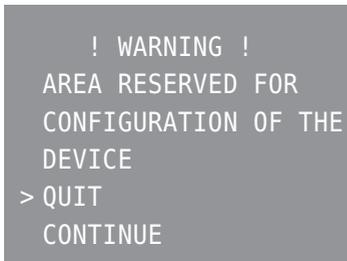


^ v Select **CONFIGURATION**

OK Press **OK** to confirm

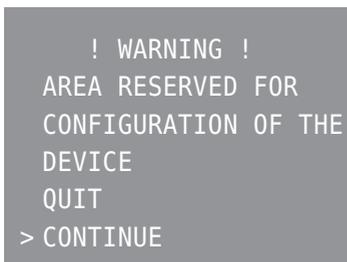


A **WARNING** message is displayed



^ v Select **QUIT**

OK Press **OK** to quit



^ v Select **CONTINUE**

OK Press **OK** to confirm

6.1.1 Options

On selecting OPTIONS access is possible to the following system settings.

<pre>> OPTIONS PARAMETER MODE H CONFIGURATION RESET</pre>	<p> Select OPTIONS</p> <p> Press OK to confirm</p>
--	--



<pre>> SLAVE <NO> MASTER CLOCK <NO> PAGING <NO> DEFAULT</pre>	<p> Select (e.g.: SLAVE)</p> <p> Select <NO>/<YES></p>
--	--

SLAVE – the Video Station configured **<YES>** allows the installation of several Video stations configured with the same N address (max. 3: 1 MASTER – 2 SLAVE).

MASTER CLOCK – the Video Station configured **<YES>** periodically sends the devices on the system a frame to synchronise the time

PAGING – the Video Station configured **<YES>** is enabled to transmit the paging call.



Press **C** to return to the next page

<pre>SLAVE <NO> MASTER CLOCK <NO> PAGING <NO> > DEFAULT</pre>	<p> Select DEFAULT to return to the factory settings (all <NO>)</p> <p> Press OK to confirm</p>
--	--

6.1.2 Handset configuration

On selecting H CONFIGURATION the address (N) of the Axolute Video Station and/or the associated Entrance Panel (P) can be edited.

```
OPTIONS
PARAMETER MODE
> H CONFIGURATION
RESET
```

 Select **H CONFIGURATION**

OK Press **OK** to confirm



```
H CONFIGURATION
> ADDRESS N :01
ADDRESS P :00
CONFIRM
```

 Select **ADDRESS (N) and/or (P)**

 Set the address

 Select **CONFIRM**

OK Press **OK** to confirm



```
H CONFIGURATION
ADDRESS N :01
ADDRESS P :00
> CONFIRM
```

 Select **CONFIRM**

OK Press **OK** to confirm

6.1.3 Reset

Selecting **RESET** cancels all the data and returns the Axolute Video Station to the factory settings.

OPTIONS
PARAMETER MODE
H CONFIGURATION
> RESET

^ v Select **RESET**

OK Press **OK** to confirm



The following message is displayed

CANCEL THE
CONFIGURATION OF THE
DEVICE ?
> QUIT
CONTINUE

OK Press **OK** to quit the menu

C Press **C** to return to the previous page



CANCEL THE
CONFIGURATION OF THE
DEVICE ?
QUIT
> CONTINUE

^ v Select **CONTINUE** to cancel the device configuration

OK Press **OK** to confirm

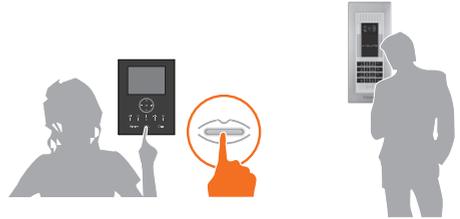
PROBLEM	SOLUTION
On pressing the Entrance panel Activation/Cycling (○) key no picture appears	<ul style="list-style-type: none"> - check that the handset and entrance panel have been correctly wired and configured (must have the same P address); - the audio/video channel may be busy, wait for it to become free and try again.
On pressing the Door lock (○→) key the command is not performed	<ul style="list-style-type: none"> - check that the handset and entrance panel have been correctly wired and configured (must have the same P address).
On pressing the OK key the menu does not switch on and the handset gives a busy sound	<ul style="list-style-type: none"> - the audio/video channel is busy, wait for it to become free and try again.
When called the handset does not ring	<ul style="list-style-type: none"> - check that the handset and entrance panel have been correctly wired and configured; - check that the "Call Exclusion" function is not active or that the bell volume has not been zeroed.
When called the handset rings but the monitor does not switch on	<ul style="list-style-type: none"> - check that it has not been set as "Slave".
At the entrance panel it is difficult to hear the caller	<ul style="list-style-type: none"> - check that the handset is not on "Mute"; - reduce the volume of the entrance panel microphone; - you can communicate in PUSH TO TALK mode (see description on next page).
At the handset it is difficult to hear the caller	<ul style="list-style-type: none"> - check the volume setting on the Axolute Video Station; - make sure that there are no strong noise sources near the Axolute Video Station; - you can communicate in PUSH TO TALK mode (see description on next page).

7.1 Push to talk mode

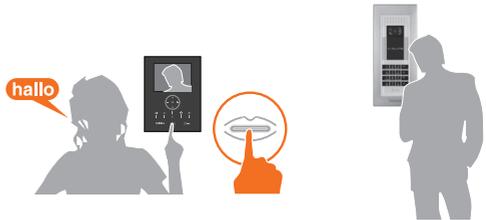
Receiving a call from the entrance panel.



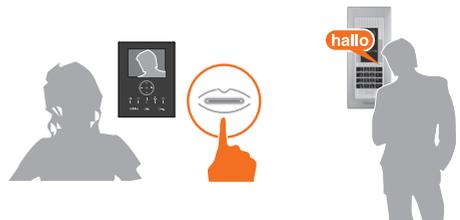
Press the Connection key to answer the call.
The LED is ON.



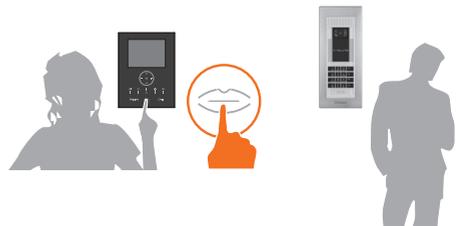
During the conversation you can activate the
PUSH TO TALK function.
Press the Connection key for at least 2 seconds
to talk to the entrance panel.
The LED remains ON.



Release the key to hear from the entrance
panel.
The LED becomes red.



To end the connection press the connection
key briefly.
The LED goes out.



TECHNICAL DATA

Power supply	from SCS bus: 18 – 28 V
Absorption (Max)	600 mA (when there is no audio signal)
Operating temperature	0 – 40 °C

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

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