

USER MANUAL





PENTHA GB2 MONITOR



INTRODUCTION

First of all, we thank and congratulate you for purchasing this product.

Our commitment to achieving the satisfaction of customers like you is manifested through our ISO-9001 certification and the manufacture of products like the one you have just purchased.

Its advanced technology and strict quality control will ensure that customers and users enjoy the numerous features that this device offers. To get the most out of them and ensure proper operation from day one, we recommend that you read this instruction manual.

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SAFETY PRECAUTIONS

- Avoid overtightening the screws of the monitor's wall mounting connector.
- Always disconnect the power supply before making modifications to the device.
- The fitting and handling of these devices must be carried out by authorised personnel.
- All of the wiring must run at least 40cm away from any other wiring..
- Install the monitor in a dry protected location free from the risk of dripping or splashing water.
- Do not place in humid, dusty or smoky locations, or near sources of heat.
- Before connecting the device to the mains, check the connections between the door panel, power supply, distributors and monitors.
- Always follow the instructions contained in this manual.

CHARACTERISTICS

- Hands-free monitor.
- -7" TFT colour screen.
- Monitor with simple installation (non-polarised 2 wire BUS).
- The PENTHA GB2/H monitor interacts with hearing aids equipped with T-mode, making conversation between the door panel and apartment easier.
- Capacitive menu access and (slave monitor only) start/stop communication button.
- Touch screen for access and selection of menu functions:

User menu:

- Displaying door panel images.
- Displaying camera pictures (DQ-CAM-GB2 module required).
- Sending and receiving text messages from the same apartment and other apartments in the building.
- Viewing photos or videos of missed calls (microSD card up to 16 GB and Class 10 required).
- Door panel or intercom call log (received and made).
- Intercom calls within the same apartment.
- Intercom calls between apartments.
- Call to guard.
- Activating external light (SAR-GB2 module required).
- About: Information, access to the installer menu and default settings (restore).
- Settings: Ringtone, ringtone volume, date / time, language and enabling intercom between apartments.

Installer menu:

- Monitor as master or slave 1, slave 2 or slave 3. Up to 4 monitors per apartment.
- Enabling the menu to be viewed when the Bus is busy.
- Enables the monitor address to be programmed from the installer menu.

Screen, volume and control settings menu: (during auto switch-on or communication).

- Manual photo or video recording (microSD card up to 16GB and Class 10 required).
- Door 1 opening control / door 2 opening control.
- Start/stop communication control.
- External light control (SAR-GB2 module required).
- Scene: Normal, bright, soft or user picture.
- Brightness, contrast and colour.
- Screen format (4:3, 16:9 wide and 16:9 high).
- Displaying camera pictures (DQ-CAM-GB2 module required).
- Different ringtones to identify the origin of the call (door panel, intercom or apartment door).
- DIP switches for setting the monitor address (call code) and end of line.
- Input for call from the apartment door.
- SAR-12/24 call repeater output (12Vdc/50mA maximum).

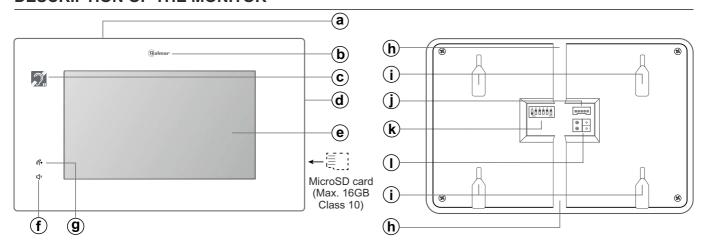
SYSTEM OPERATION

- To make a call, the visitor must press the button of the apartment; an audible sound indicates that the call is being made and LED will turn on. If vocal synthesis is enabled, a 'Call is in progress' message appears indicating that a call is being made. At this moment, the apartment's monitors receive the call. If another apartment is called by mistake, press the button for the correct apartment and the first call will be cancelled.
- The call lasts for 40 seconds and, when received, the image appears on the master monitor without the visitor knowing. To view the image on a slave monitor, this function needs to have been enabled on the monitor. House kit application: the image appears on the monitor (with code 0 'apartment 1' or monitor with code 16 if the call is in 'apartment 2') when receiving the call without the visitor being alerted.

If the call is not answered within 40 seconds, LED 👵 will turn off and the channel will be freed.

- To establish communication, press option () on the screen of the master monitor or the () on the front of any slave monitor in the apartment (unless the 'display image in call' function is enabled on the slave monitor, in which case, option () must be pressed), and LED () on the door panel will illuminate. If the monitor is a PENTHA GB2/H with icon () on the front, make sure that the hearing aid is between 15 and 25 cm away from the monitor to ensure maximum audio quality during communication with the door panel.
- Communication will last for one and a half minutes or until option on the monitor screen is pressed. When communication has finished, LEDs and will turn off and the channel will be freed. If vocal synthesis is enabled, a 'Communication is finished' message will indicate that the call is over.
- To open door 1 or 2, press option 1/2 on the monitor screen during the call or communication processes: one press will activate the lock release for 5 seconds and LED will also illuminate for 5 seconds. If vocal synthesis is enabled, a 'Door Opened!' message will be indicated on the door panel.
- The description of the function push button and LEDs can be found on p. 4.

DESCRIPTION OF THE MONITOR



- a. Microphone.
- b. Monitor status light and capacitive menu access (in standby) / slave monitor communication start
- c. Communication with hearing aids (PENTHA GB2/H). Set the hearing aid switch to T-mode, see p. 8.
- d. Speaker.
- e. 7" TFT colour screen.

LEDS:



'Divert call' mode LED:

Off: 'Divert call' mode disabled. On: 'Divert call' mode enabled.



Off: 'Do not disturb' mode disabled.

On: 'Do not disturb' mode enabled.

- f.. 'Do not disturb' mode LED.
- g. 'Divert call' mode LED.
- h. Vertical wiring entry.
- i. Connector fixings.
- j. Connector.
- k. DIP switch.
- I. Bus connection terminals.

Function push button / Monitor status light:



@olmor <u>Function push button:</u> Menu access (in standby) / During a call process, it initiates communication in a slave monitor (unless the 'display image in call' function is enabled - see 'System operation' on p. 3).

Monitor status light:

Standby: Light fixed (low intensity).

Call: Light blinking.

Communication: Light fixed.

Missed call: Low and variable intensity light.

Connection terminals and DIP switch:

Connection terminals:

L1, L2: Bus connection (non-polarised).

HZ+, HZ-: Door bell connection.

CALL REPEATER, GND: Call repeater connection (SAR-12/24). (12Vdc/50mAmaximum).

Configuration DIP switch:

DIP 6: Configures the end of line. Leave in the ON position in monitors where the bus cable terminates. Set to OFF in intermediate monitors only.

DIP 1 to DIP 5: To set the monitor address (addresses 0 to 31).

The switches set to OFF have a zero value.

The values of the switches set to ON are shown in the table below.

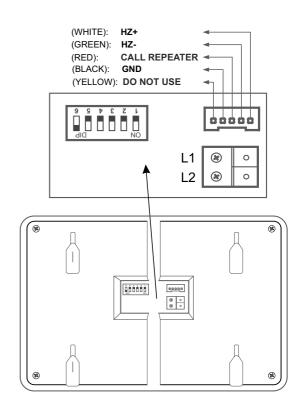
The monitor code is the sum of the values of the switches set to ON.

Table of values

Switch no: 1 2 3 4 Value when ON: 1 2 4 8 16



Example: 0 + 0 + 4 + 0 + 16 = 20



DIP

DIP 6 to ON

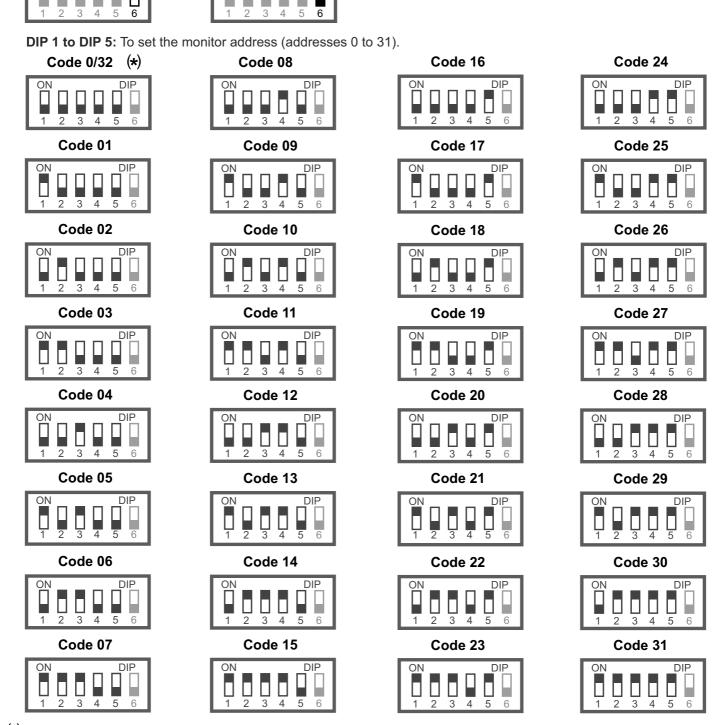
DESCRIPTION OF THE MONITOR

Setting the monitor's address codes (addresses 0 to 31):

DIP 6 to OFF

DIP

DIP 6: Configures the end of line. Leave in the ON position in monitors where the video cable terminates. Set to OFF in intermediate monitors only.



(*) Important:

- -In door panel systems with call buttons, the first address on the monitor is 'Code 0'.
- -In coded panel systems (N3301/GB2), 'Code 0' is 'Code 32', which means that when a call is made to a monitor with 'Code 0' (DIP 1 to DIP 5 set to OFF), it needs to be entered (3) (2) (a) on the N3301/GB2 numeric keypad.

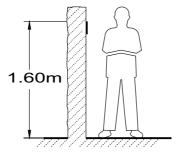
⁻In the software (Address Manager GB2), 'Code 0' is also shown as 'Code 32'.

INSTALLING THE MONITOR IN A WALL MOUNTING CONNECTOR

Avoid dusty or smoky environments or locations near sources of heat.

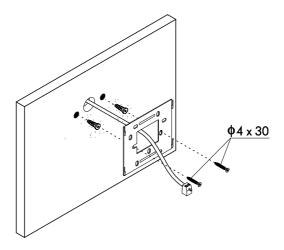
Positioning the wall mounting connector:

The top of the connector must be positioned at a height of 1.60m. The minimum distance between the sides of the connector and the closest object must be 5cm.



Fixing the monitor's wall mounting connector to the wall:

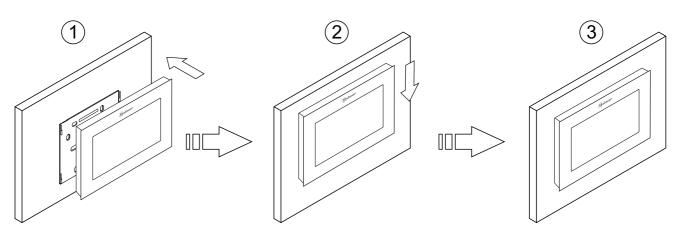
Fix the monitor's wall mounting connector to the wall by drilling two 6mm diameter holes and using the screws and plugs supplied with the monitor.



Positioning the monitor:

Connect the cables to the monitor (see p. 4), position the monitor in front of the wall mounting connector, ensuring that the holes in the base of the monitor line up with those on the connector 1, and then move the monitor downwards 2 until the monitor is securely fixed to the connector 3.

 $Remember \, to \, remove \, the \, protective \, covering \, from \, the \, front \, of \, the \, monitor \, once \, installation \, is \, complete.$

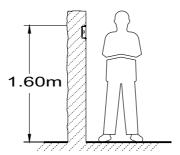


INSTALLING THE MONITOR IN AN EMBEDDING BOX

Avoid dusty or smoky environments or locations near sources of heat.

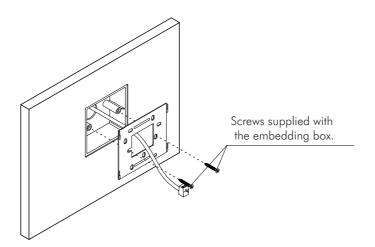
Positioning the embedding box:

Make a hole in the wall to position the top of the universal embedding box at a height of 1.60 m from the ground. The minimum distance between the sides of the embedding box and the closest object must be 5 cm.



Positioning the embedding box and fitting the wall mounting connector:

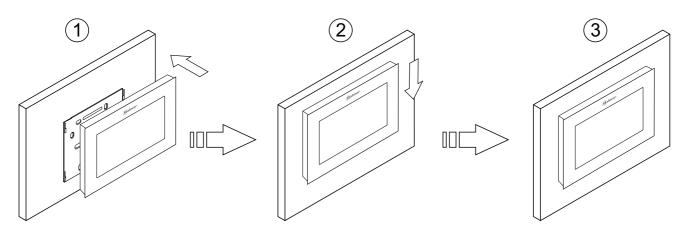
Pass the cable through the hole made in the embedding box. Embed the box and ensure that it is level and flush. Fix the wall mounting connector of the monitor to the embedding box with the screws supplied.



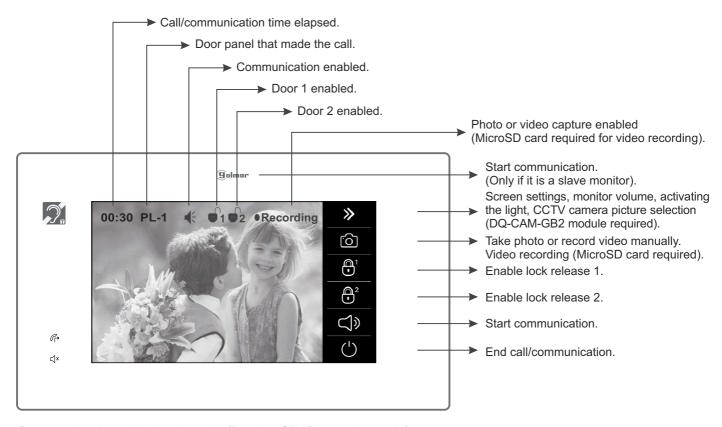
Positioning the monitor:

Connect the cables to the monitor (see p. 4), position the monitor in front of the wall mounting connector, ensuring that the holes in the base of the monitor line up with those on the connector 1, and then move the monitor downwards 2 until the monitor is securely fixed to the connector 3.

 $Remember \ to \ remove \ the \ protective \ covering \ from \ the \ front \ of \ the \ monitor \ once \ installation \ is \ complete.$



Monitor description when receiving a call and during communication:



Communication with hearing aid (Pentha GB2/H monitor only):

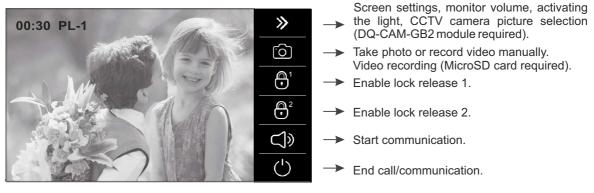


Make sure that the hearing aid is 15-25 cm away from the monitor to ensure maximum audio quality during communication with the door panel.

1.1 Receiving a call from the door panel:

When a call is received, the monitor(s) will play a melody, the status light of the monitor(s) will blink and show the image of the door panel on the main monitor without alerting the visitor. If the call is not answered within 40 seconds the monitor returns to standby mode.

The monitor automatically takes a photo or records a video (MicroSD card required for video).



To open door 1, press the door release option on the screen during the call process: one press will activate the lock release for 5 seconds.

To open door 2, press the door release option on the screen during the call process: one press will activate the lock release for 5 seconds.

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1.2 Call not answered (missed call):

When a call is received, the monitor(s) will play a melody, the status light of the monitor(s) will blink and show the image of the door panel on the main monitor without alerting the visitor. If the call is not answered within 40 seconds the monitor returns to standby mode.

The monitor automatically takes a photo or records a video (MicroSD card required for video).



1.3 Ending a call from the door panel:

When a call is received, the monitor(s) will play a melody, the status light of the monitor(s) will blink and show the image of the door panel on the main monitor without alerting the visitor. To end the call, press option () on the screen of the monitor.

To open door 1 or 2, press option \bigcirc^1/\bigcirc^2 on the screen of the monitor during the call process: one press will activate the door release 1 or 2 for 5 seconds.



- To open door 1, press the door release option during the call or communication process: one press will activate the door release for 5 seconds.
- To open door 2, press the door release option during the call or communication process: one press will activate the door release for 5 seconds.
- (End call.

1.4 Answering a call from the door panel:

When a call is received, the monitor(s) will play a melody, the status light of the monitor(s) will blink and show the image of the door panel on the main monitor without alerting the visitor. The monitor automatically takes a photo or records a video (MicroSD card required for video). To answer a call, press option () on the master monitor screen or the () on the front of any slave monitor in the apartment (unless the 'display image in call' function is activated on the slave monitor, in which case, option () must be pressed). If the monitor is a PENTHA GB2/H with icon on the front, make sure that the hearing aid is 15 and 25 cm away from the monitor to ensure maximum audio quality during communication with the door panel.

Communication will last for 90 seconds or until option on the screen is pressed.

To open door 1 or 2, press option $\frac{1}{2}$ on screen during the communication or call processes: one press will enable the lock release for 5 seconds.



- Start communication.
- To open door 1, press the door release option on the screen during the call process: one press will activate the lock release for 5 seconds.
- To open door 2, press the door release option on the screen during the call process: one press will activate the lock release for 5 seconds.
- (') End communication.

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1.5 Answering a call from the door panel (activating the light and displaying pictures from DQ-CAM-GB2 cameras):

When a call is received, the monitor(s) will play a melody, the status light of the monitor(s) will blink and show the image of the door panel on the main monitor without alerting the visitor. The monitor automatically takes a photo or records a video (MicroSD card required for video). To answer a call, press option () on the master monitor screen or the logo on the front of any slave monitor in the apartment (unless the 'display image in call' function is activated on the slave monitor, in which case, option () must be pressed). If the monitor is a PENTHA GB2/H with icon () on the front, make sure that the hearing aid is 15 and 25 cm away from the monitor to ensure maximum audio quality during communication with the door panel.

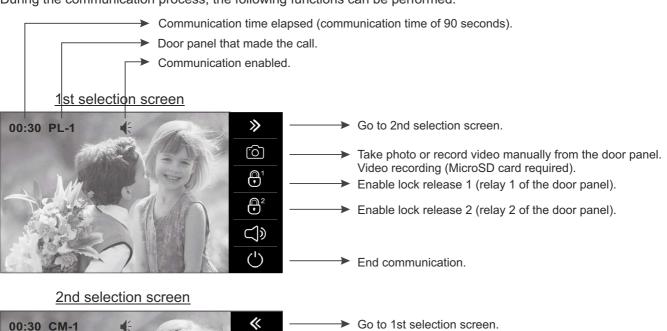
Communication will last for 90 seconds or until option (1) on the screen is pressed.

To open door 1 or 2, press option $\frac{1}{2}$ on screen during the communication or call processes: one press will enable the lock release for 5 seconds.



- Start communication.
- To open door 1, press the door release option during the call or communication process: one press will activate the door release for 5 seconds.
- To open door 2, press the door release option during the call or communication process: one press will activate the door release for 5 seconds.
- () End communication.

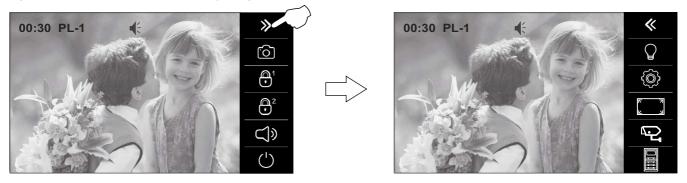
During the communication process, the following functions can be performed:



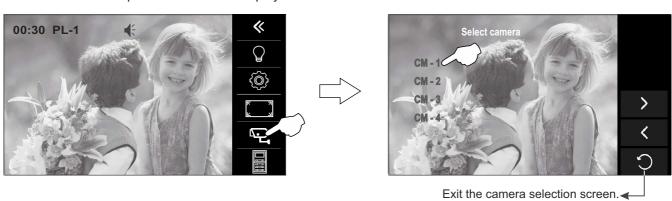


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To display the picture from one of the installed cameras, press option \gg . The following selection screen will be displayed. (DQ-CAM-GB2 camera module required).

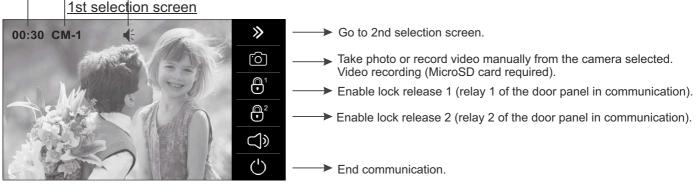


Then press option 🖳 ; the following camera selection screen will be displayed. Press the option corresponding to the 'CM' camera whose picture needs to be displayed.

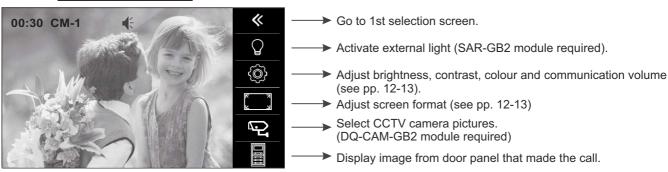


Then, by displaying the picture from camera 1 'CM - 1' selected and maintaining audio communication (with the door

- panel that made the call), the following functions can be performed: Communication time elapsed (communication time of 90 seconds). Picture from the camera selected.
 - Communication enabled (with the door panel that made the call).

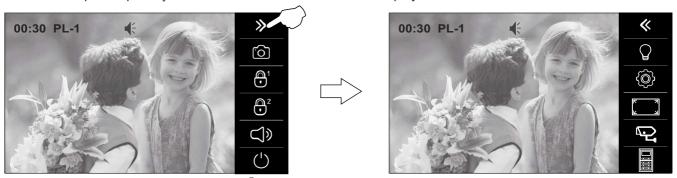






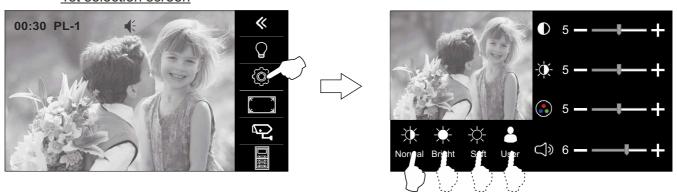
SCREEN AND VOLUME SETTINGS MENU

<u>To access the screen and volume settings menu in the monitor</u>, it must be in communication or auto switch-on mode. Then press option \gg and the 1st selection screen will be displayed.

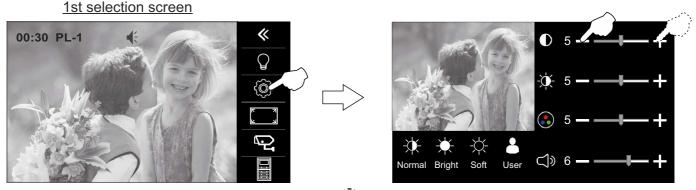


To access scene settings, press option . The following selection screen will be displayed; select the type of picture required (normal, bright, soft or user) by pressing the respective option. Press the door panel image shown on the screen to exit and return to the 1st selection screen.

1st selection screen

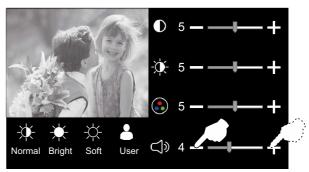


To access the brightness, contrast and colour settings, press option . The following selection screen will be displayed; press option + or - in each selection field to increase or decrease contrast . brightness - and colour . Press the door panel image shown on the screen to exit and return to the 1st selection screen.



To access the monitor's volume setting, press option . The following selection screen will be displayed; press option + or — in selection) to increase or decrease the volume. Press the door panel image shown on the screen to exit and return to the 1st selection screen.





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SCREEN AND VOLUME SETTINGS MENU

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<u>To access the screen format setting</u>, press option . The following selection screen will be displayed; select the type of screen format required by pressing the respective option.

1st selection screen





Press option 🔘 to exit and return to the 1st selection screen.



1st selection screen



Press option $\langle\!\langle$ to exit the screen and volume settings menu.

1st selection screen





Press option $(\dot{})$ to end communication or auto switch-on.

Monitor in standby



<u>To access the menu</u>, the monitor must be in standby. Then click on the screen or the **Quimur** logo on the front of the monitor. The main menu options screen will then appear.



Main menu screen



1.1 Displaying the main door panel image:

<u>To display the main door panel image</u>, press 'Camera / Door'. The following selection screen will be displayed. Press option 'PL-1'.







The following screen will display the image from the door panel with address 1, indicating the door panel selected 'PL-1' and the connection time elapsed. The connection will last for 30 seconds or until option () is pressed.



- Screen settings, monitor volume, activating the light, CCTV camera picture selection (DQ-CAM-GB2 module required). (See settings pp. 12-13).
- Take photo or record video manually. Video recording (MicroSD card required).
- Enable lock release 1.
- Enable lock release 2.
- Start communication.
 - End auto switch-on (return to the selection screen).
- To open door 1, press the door release option on the screen during the picture display process: one press will activate the lock release for 5 seconds.
- To open door 2, press the door release option on the screen during the picture display process: one press will activate the lock release for 5 seconds.

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To establish audio and video communication with the door panel selected, press option (5). The screen will display symbol (5). If the monitor is a PENTHA GB2/H with icon (6) on the front, make sure that the hearing aid is between 15 and 25 cm away from the monitor to ensure maximum audio quality during communication with the door panel. Connection will last for 30 seconds or until option (7) is pressed.

This symbol is only displayed in communication enabled mode.

Screen settings, monitor volume, activating the light, CCTV camera picture selection (DQ-CAM-GB2 module required). (See settings pp. 12-13).

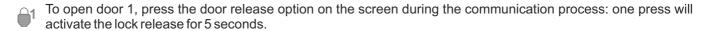
Take photo or record video manually. Video recording (MicroSD card required).

Enable lock release 1.

Enable lock release 2.

Start communication.

End auto switch-on (return to the selection screen).



To open door 2, press the door release option on the screen during the communication process: one press will activate the lock release for 5 seconds.

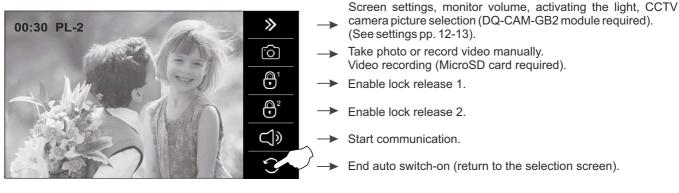
1.2 Displaying images from the door panels:

<u>To display the image from one of the installed door panels</u>, press 'Camera/Door'. The following selection screen will be displayed. Press the option corresponding to the 'PL' door panel whose image needs to be displayed.





The following screen will display the image from the door panel with address 2, indicating the door panel selected 'PL-2' and the connection time elapsed. The connection will last for 30 seconds or until option () is pressed.

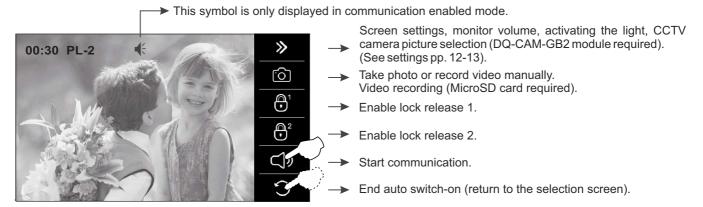


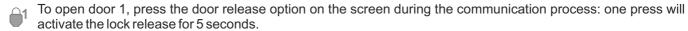
- To open door 1, press the door release option on the screen during the picture display process: one press will activate the lock release for 5 seconds.
- To open door 2, press the door release option on the screen during the picture display process: one press will activate the lock release for 5 seconds.

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To establish audio and video communication with the door panel selected, press option (). The screen will display symbol (). If the monitor is a PENTHA GB2/H with icon () on the front, make sure that the hearing aid is between 15 and 25 cm away from the monitor to ensure maximum audio quality during communication with the door panel. Connection will last for 30 seconds or until option () is pressed.

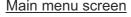




To open door 2, press the door release option on the screen during the communication process: one press will activate the lock release for 5 seconds.

1.3 Displaying camera pictures (DQ-CAM-GB2 module required):

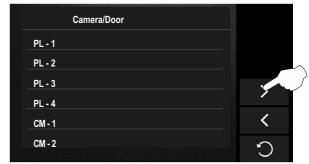
<u>To display the picture from one of the installed cameras</u>, press 'Camera/Door'. The following selection screen will be displayed. Press the option corresponding to the 'CM' camera whose picture needs to be displayed.



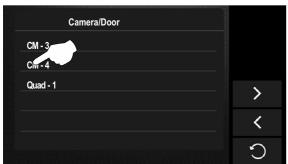




1st selection screen



2nd selection screen

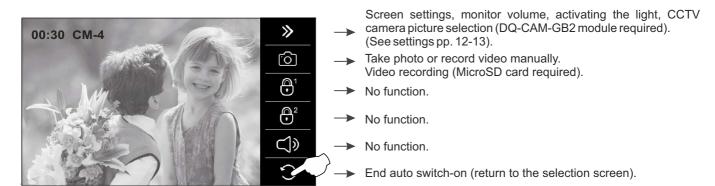


- Press option > to display the 2nd selection screen
- Press option < to display the 1st selection screen
- Press option 'Quad-1'; the monitor will display the pictures from all of the cameras.
- Press option to return to the main menu screen.

Continued from previous page.

The following screen will then display the picture from the camera selected with address 4, indicating the camera selected 'CM-4' and the connection time elapsed.

The connection will last for 30 seconds or until option () is pressed.



To exit and return to the main menu screen, press option .





Main menu screen



2.1 Text messages:

<u>To access the text message functions</u>, press option 'Messages'. The following selection screen will be displayed.



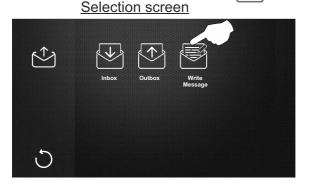




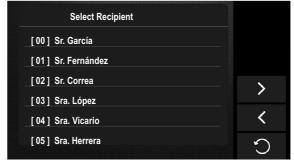
<u>To send a text message</u>, press option . The following recipient selection screen will be displayed.

Selection screen

Recipient selection screen





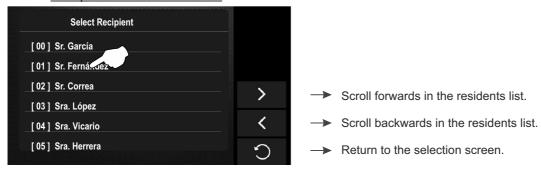


Continued overleaf

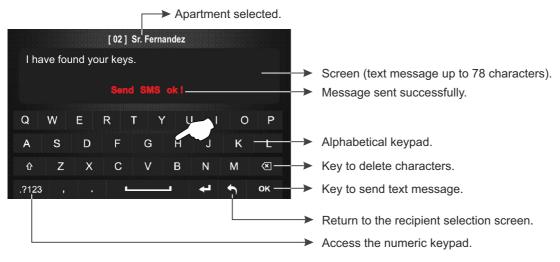
Continued from previous page.

Then press the apartment to which the text message needs to be sent.

Recipient selection screen



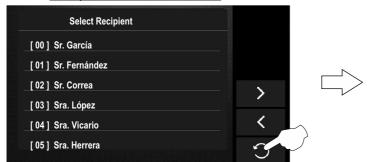
The following screen will be displayed; use the keypad to enter the text message (up to 78 characters).



Press option to return to the recipient selection screen.

Then press option of to go to the selection screen.



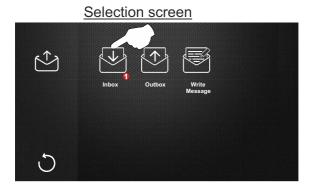


Selection screen



Continued from previous page.

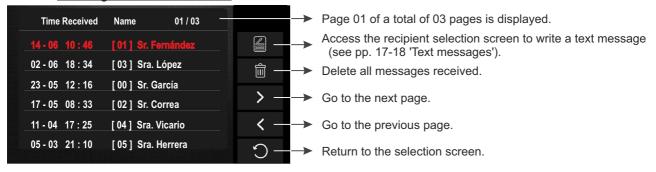
To read text messages received, press option . The following text messages received screen will be displayed. Icon will indicate if any new messages have been received and the latest message(s) will be in red.







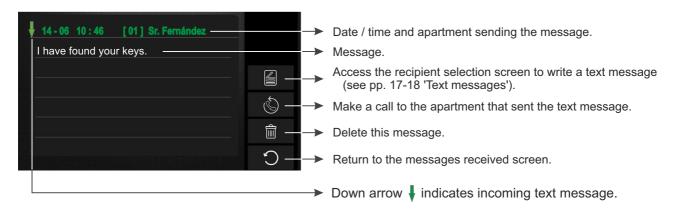
Messages received screen



Then press the message that you want to read. The following screen will be displayed.

Messages received screen





Press option () to return to the messages received screen.

Continued from previous page.

Then press option () to go to the selection screen.

Messages received screen



Selection screen



To read text messages sent, press option



. The following text messages sent screen will be displayed.

Selection screen

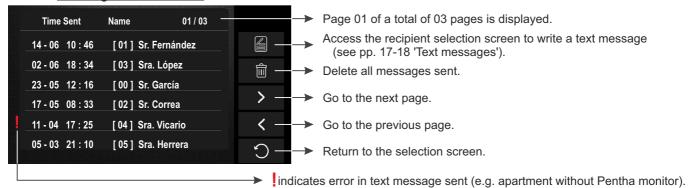




Messages sent screen



Messages sent screen



Then press the message sent that you want to read. The following screen will be displayed.

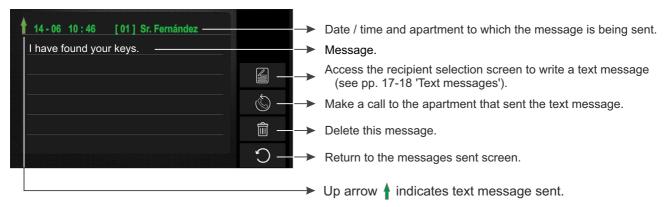
Messages sent screen







Continued from previous page.



Press option oto return to the messages received screen.

Then press option \bigcirc to go to the selection screen.

Messages received screen



To exit and return to the main menu screen, press option \bigcirc .

Selection screen

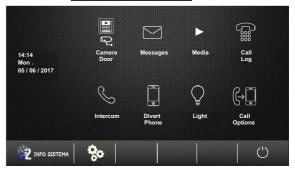




Selection screen



Main menu screen



Continued from previous page.

3.1 Viewing photos and videos of door panel calls, cameras and deleting photos and videos:

Note: The monitor enables photos to be taken as standard. For the video option, a MicroSD card is required. Use of this card cancels the photo option.

To access the photo or video viewing functions, press option 'Media'. The following selection screen will be displayed.







To view photos or play back videos from calls/cameras, press option displayed; use options and to select the photo or video to be viewed. If the MicroSD card is being used, the length of each video is 10 seconds. Option enables the video to be played or paused.

Selection screen

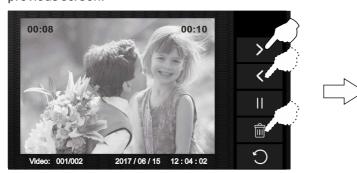






To delete photos or videos, use options and to select the photo or video to be deleted and then press option to bring up the following deletion screen.

Press option to delete the photo or video selected or press option to exit without deleting and return to the previous screen.



Video: 001/002 2017/06/15 12:04:02

Press option () to return to the selection screen.



Selection screen



Continued overleaf

Continued from previous page.

3.2 Voicemail prompts (no function).

Selection screen



3.3 Visitor messages (no function).

Selection screen



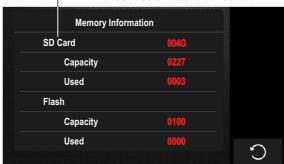
3.4 To access the MicroSD card information, press option (1). The following information screen will be displayed. Note that the monitor has a flash memory for photos but, if video recording is required, a MicroSD card must be inserted.







➤ MicroSD card must be inserted.



Press option () to return to the selection screen.

	F WHOLOOD card must be inscreed:		moortou.
	Memory Information		
SD Ca	rd	004G	
C	apacity	0227	
L	Jsed	0003	
Flash			
C	apacity	0100	
L	lsed	0000	
			\mathcal{L}



Selection screen



Continued from previous page.

3.5 To copy photos from the flash memory to the MicroSD card, press option ☐ . The following screen will be displayed. Press option ✓ to copy photos to the MicroSD card or option Ć to cancel and return to the selection screen.

Selection screen







Press option to return to the selection screen.





Selection screen



3.6 To format the MicroSD card, press option . The following screen will be displayed. Press option to format the MicroSD card or option to cancel and return to the selection screen.

Selection screen







<u>To return to the main menu after formatting the MicroSD card</u>, press the screen or the **gnimur** logo on the front of the monitor. The main menu options screen will then appear.





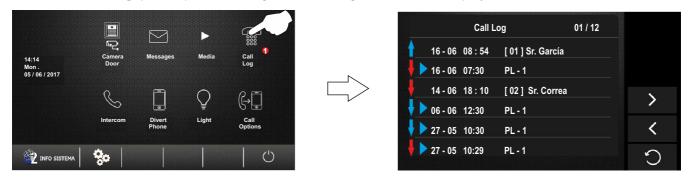
Main menu screen



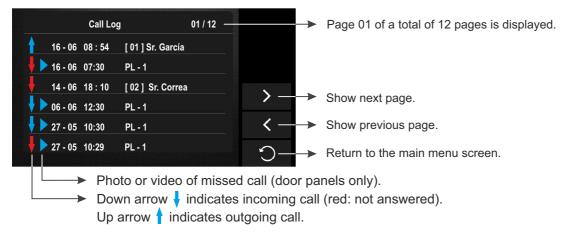
Continued from previous page.

4.1 Viewing the call log:

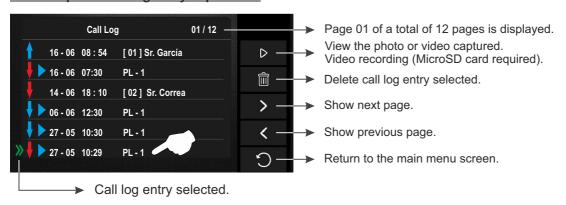
To view the call log, press option 'Call Log'. The following screen will be displayed.



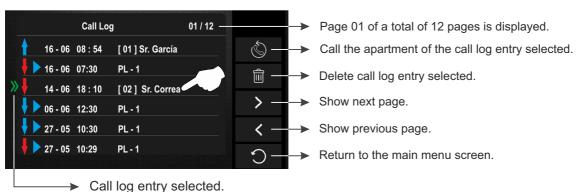
'Call Log' screen description.



If a door panel call log entry is pressed.



If an intercom call log entry from an apartment is pressed.



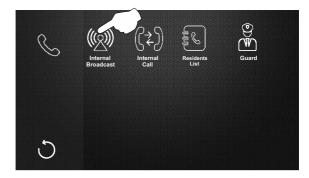
Continued from previous page.

5.1 Intercom (internal broadcast):

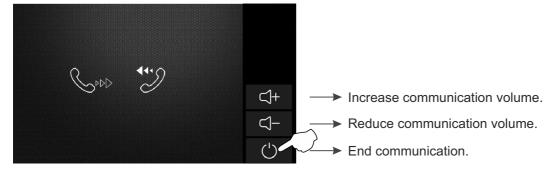
<u>To access the internal broadcast function</u>, press option 'Intercom'. The following selection screen will be displayed; press option 'Internal Broadcast'.







The following communication screen will be displayed (the other monitors do not display any communication screens). It is now possible to talk and listen to the other monitors in the apartment from each of the monitors. Communication will last for one and a half minutes or until option () is pressed from the monitor that has performed the broadcast function.



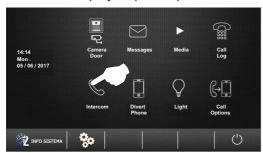
If a call is received from the door panel during the internal broadcast process, the intercom call will be cancelled; a melody in the apartment's monitors will play to indicate that a call is being made and an image will appear on the master monitor. To establish communication, press option on the master monitor screen or the golmur logo on the front of any slave monitor in the apartment (unless the 'display image in call' function is enabled on the slave monitor, in which case, option on the pressed).

If a call is received from another apartment during the internal broadcast process, the intercom call will be cancelled; a melody in the apartment's monitors will play to indicate that a call is being made and the call screen and the address of the apartment making the intercom call will appear on the master monitor (see 'intercom calls between apartments' on p. 28).

Continued from previous page.

5.2 IIntercom calls within the same apartment:

<u>To access the intercom calls within the same apartment function</u>, press option 'Intercom'. The following selection screen will be displayed; press option 'Internal Call'.

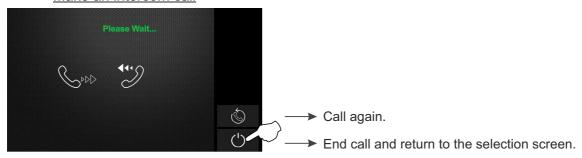






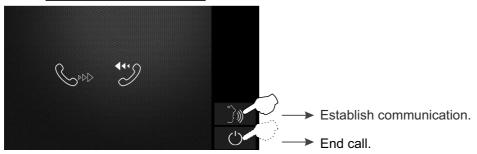
The following call screen will appear and a melody in the other monitors of the apartment will play to indicate the presence of the intercom call. The call will end if it is not answered within 40 seconds or if option (1) is pressed.

Make an intercom call

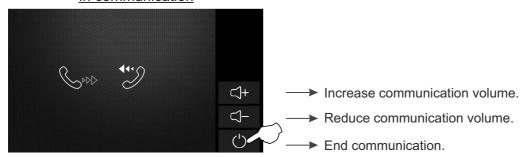


Press button) to accept the call and establish communication or press option (1) to end the call.

Receive an intercom call



If the call is accepted, communication will last for 90 seconds or until option () is pressed. In communication

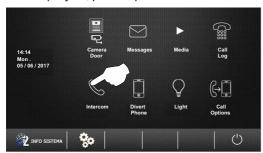


If a call is received from the door panel during the intercom process, the intercom call will be cancelled; a melody in the apartment's monitors will play to indicate that a call is being made and an image will appear on the master monitor. To establish communication with the door panel, press option on the master monitor or the front of any slave monitor in the apartment (unless the 'display image in call' function is enabled on the slave monitor, in which case, option must be pressed).

Continued from previous page.

5.3 Intercom calls between apartments:

<u>To access the intercom calls between apartments function</u>, press option 'Intercom'. The following selection screen will be displayed; press option 'Residents List'.

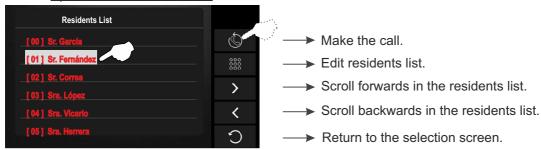






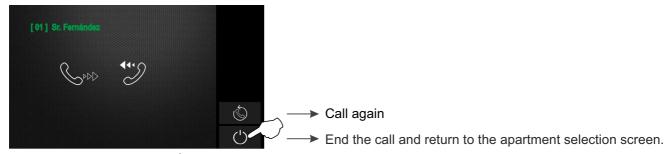
The following apartment selection screen will be displayed. Press the apartment to be called. Then press option 🕲 to make the call.

Apartment selection screen



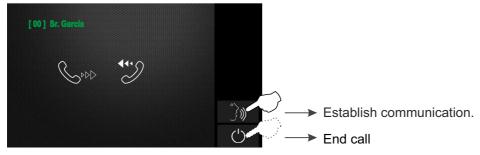
The following call screen will be displayed indicating the address and name of the apartment to be called. In the monitor(s) of the apartment called, a melody will play indicating the presence of an intercom call and the address and name of the apartment making the call will be displayed on the master monitor. The call will end if it is not answered within 40 seconds or if option (1) is pressed.

Make an intercom call



To accept the call, press option) on the master monitor screen or the **golmar** logo on the front of any slave monitor and establish communication. Press option (') to end the call.

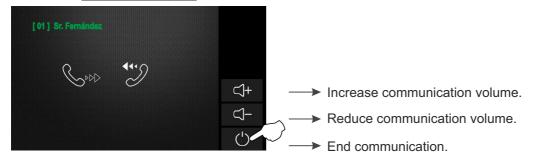
Receive an intercom call



Continued from previous page.

If the call is accepted, communication will last for 90 seconds or until option () is pressed.

In communication



If a call is received from the door panel of another apartment during the intercom process, the intercom call will be cancelled; the monitors in the apartment will play a melody indicating that the call is being made and the image will appear on the master monitor. To establish communication with the door panel, press option on the master monitor or the **golmar** logo on the front of any slave monitor in the apartment (unless the 'display image in call' function is enabled on the slave monitor, in which case, option which case, option which case, option which case is the intercom call will be cancelled; the monitors in the apartment (unless the 'display image in call' function is enabled on the slave monitor, in which case, option option options the intercom process, the intercom call will be cancelled; the monitors in the apartment (unless the 'display image in call' function is enabled on the slave monitor, in which case, option options the intercom process.

Continued from previous page.

5.4 Call to guard monitor:

<u>To access the call to guard monitor function</u> (if the building has one), press option 'Intercom'. The following selection screen will be displayed; press option 'Guard'.

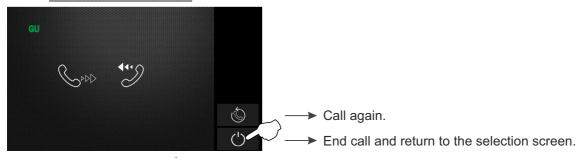






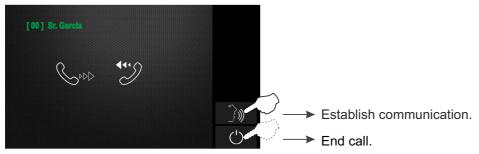
The following call screen will be displayed and a melody will play, indicating the 'GU' address of the guard monitor to be called. The call will end if it is not answered within 40 seconds or if option (1) is pressed.

Make an intercom call

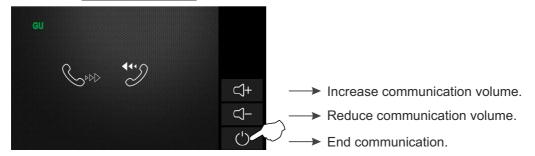


To accept the call, press option) on the guard monitor screen and establish communication or press option () to end the call.

Receive an intercom call



If the call is accepted, communication will last for 90 seconds or until option () is pressed. In communication



If a call is received from the door panel of another apartment during the intercom process, the intercom call will be cancelled; the monitors in the apartment will play a melody indicating that the call is being made and the image will appear on the master monitor. To establish communication with the door panel, press option on the master monitor or the **golmur** logo on the front of any slave monitor in the apartment (unless the 'display image in call' function is enabled on the slave monitor, in which case, option) must be pressed).

Continued overleaf

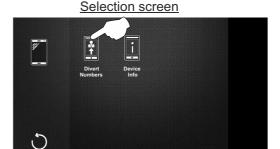
Continued from previous page.

6.1 Configuring divert call phone numbers:

To access divert call phone number configuration, press option 'Divert Phone'. The following selection screen will be displayed; press option 'Divert Numbers'.







The following phone number settings screen will be displayed; press option 'Tel 1'. The following phone number editing screen will be displayed; enter the phone number with the numeric buttons. To save, press option 'OK'; on the settings screen, press option [4]; and then, to exit, press option \bigcirc . To exit without saving, press option $\stackrel{\blacksquare}{\longrightarrow}$ and, on the settings screen, press option . From the settings screen, to enter a 2nd and 3rd divert call phone number, press the options ('Tel 2', 'Tel 3') and repeat the number editing steps from option 'Tel 1'.

Settings screen





Editing screen



The following settings screen will then be displayed with the phone number(s) now edited. Press option 'Notify Call Divert Enabled' and the mobile phones configured will receive an SMS message indicating that the phone number is linked to the apartment's divert call function. Press option \(\bigcirc\) to exit.

Settings screen



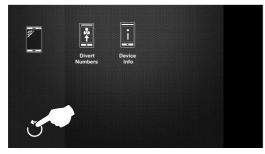


Selection screen



Press option to exit and return to the main menu screen.

Selection screen





Main menu screen



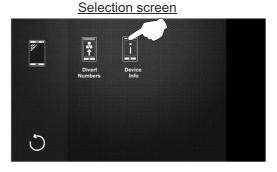
Continued from previous page.

6.2 GSM GB2 device information:

To access the GSM GB2 device information, press option 'Divert Phone'. The following selection screen will be displayed; press option 'Divert Device Info'.







The divert device information screen will then be displayed, indicating the status of the GSM GB2 module. Press option \bigcirc to exit.

Selection screen



7.1 Activating the external light:

To activate the external light, press option 'Light'. The outdoor light (SAR-GB2 module required) will activate for 1 minute. See the "TSAR-GB2 ML" user manual for how to set other light activation times.



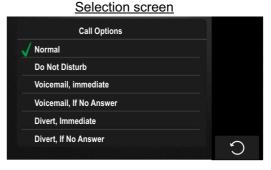
Continued from previous page.

8.1 Do not disturb mode:

To access do not disturb mode, press 'Call Options'. The following selection screen will be displayed.







To enable do not disturb mode, press option 'Do Not Disturb' on the master monitor. Icon ✓ will be enabled in the option selected and icon ◀x will be displayed on the main menu screen and the LED on the front of the master and slaves monitors in the apartment, indicating that the function is enabled. The monitors in the apartment will not receive door panel or intercom calls. Press option ⊜ to exit and return to the main menu.

Selection screen





Main menu screen



'Do not disturb' mode is enabled. ◀

To disable do not disturb mode, press option 'Normal' and icon ◀× will no longer be displayed on the main menu screen or the LED on the front of the main and slave monitors in the apartment. Press option ⊜ to exit and return to the main menu.

Selection screen





Main menu screen



8.2 Leave a message: No function

'Voicemail, Immediate' and 'Voicemail, If No Answer' modes: No function.







Continued overleaf

Continued from previous page.

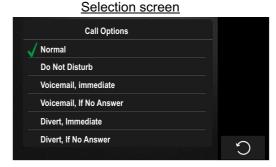
8.3 Divert call mode (GSM-GB2 module required):

<u>Important:</u> Before enabling divert call mode, the divert phone numbers need to be configured (see 'Configuring divert call phone numbers' on p. 31).

<u>To access divert call mode</u>, press 'Call Options' on the apartment's master monitor. The following selection screen will be displayed.

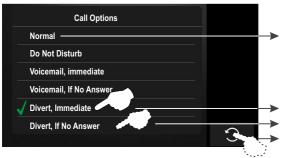






To enable the required divert option, press option 'Divert, Immediate' or 'Divert, If No Answer'. Icon ✓ will be enabled in the option required and icon ♠ will be displayed on the main menu screen and the LED on the front of the monitor, indicating that the function is enabled. Press option ♠ to exit and return to the main menu.

Selection screen



Monitor 'Normal' mode:

- 'Do not disturb' mode is not enabled.
- 'Divert, Immediate' mode is not enabled.
- 'Divert, If No Answer' mode is not enabled.

Door panel call mode, immediate divert.

Door panel call mode, divert if not answered within 35 seconds.

Return to the main menu screen.

Main menu screen



Indicates that divert mode is enabled.

To disable divert call mode, press option 'Normal' and icon will no longer be displayed on the main menu screen or the LED on the front of the monitor. Press option to exit and return to the main menu.

Selection screen





Main menu screen



Continued from previous page.

9.1 Settings:

<u>To access the configuration functions</u>, press option . The following settings screen will be displayed.







<u>9.1.1 To access the ringtone and volume settings</u>, press option 'Sounds'. The following settings screen will be displayed (default settings: Door tones '19', intercom '01', bell '03' and alert '04'. Day volume '06' and Night volume '03').



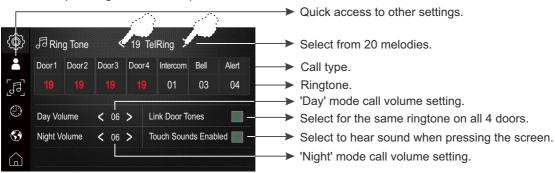






To change the door panel ringtones, press option 'Door 1' and then press **<** or **>** to select the melody. Repeat the process to change the ringtones for the other call types.

For the door panel ringtones, a different tone for each of the 4 doors or the same tone for all of the 4 doors can be selected, depending on whether option 'Link Door Tones' is selected.



To change the volume level in 'Day' and 'Night' mode for the different types of ringtone, press option 〈 or ➤. Press option 介 to return to the main menu page.







Main menu screen



Continued from previous page.

<u>To continue with the configuration functions</u>, press option . The following settings screen will be displayed.







9.1.2 To access the time and date settings, press option 'Date & Time'. The following settings screen will be displayed.

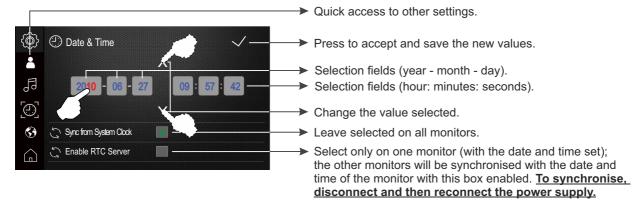




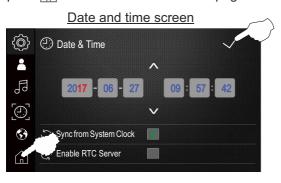




To change the time and date, press selection field '2010' and then press option ∧ or ∨. Repeat the process with the remaining selection fields.



To accept and save the new values, press option \checkmark and a confirmation tone will be heard on the monitor. Then press option $\stackrel{\frown}{\cap}$ to return to the main menu page.







Continued from previous page.

<u>To continue with the configuration functions</u>, press option . The following settings screen will be displayed.

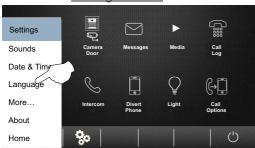






9.1.3 To access the language settings, press option 'Language'. The following settings screen will be displayed.

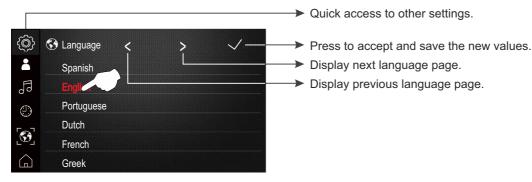








To change the language, press the required language (default setting: Spanish, 'PENTHA GB2/H monitor French').



To accept and save the language selected, press option \checkmark and a confirmation tone will be heard on the monitor. Then press option \bigcirc to return to the main menu page.







Continued from previous page.

<u>To continue with the configuration functions</u>, press option . The following settings screen will be displayed.







<u>9.1.4 To access the rename door / camera, auto switch-on time and disable intercom settings</u>, press option 'More...'. The following settings screen will be displayed.

Settings screen







To rename a door / **camera**, press on the selection field for the required door / camera. The following text editing screen will be displayed. Using the alphanumeric buttons, enter the new text for the door / camera. To save, press 'OK'. To exit without saving, press option . From the selection screen, repeat the steps to rename the doors / cameras in the other selection fields.







To disable the intercom between apartments function, press option 'Disable Intercom'. (Default setting: Intercom between apartments enabled).

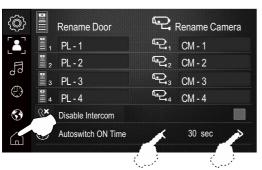






Continued from previous page.

To adjust the auto switch-on time, press option or \(\) default setting: 30 sec.). Then press option \(\) to return to the main menu page.



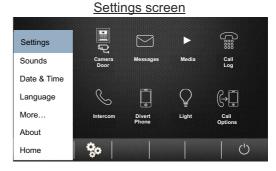




To continue with the configuration functions, press option 🐎 . The following settings screen will be displayed.







9.1.5 To access the default setup and installer menu settings, press option 'About' or following selection and information screen on the monitor will be displayed.

Settings screen













Continued from previous page.

To access the installer menu, press the **gulmur** logo on the front of the monitor for 3 seconds. The following setup screen will be displayed.







Then enter the function code with the numeric buttons. Confirm the function code entered by pressing 'OK'. Press option \(\) to exit and return to the monitor's selection and information screen.







Function codes (installer):

- *[8000]: Master monitor (factory default).
 - [8004]: Guard monitor.
 - [9015]: Intercom enabled (factory default)

- * [8001] to [8003]: Slave monitor 1 to 3.
 - [8005]: End guard monitor (factory default).

Main menu screen

[9016]: Intercom disabled.

[2910]: Send the residents list of the configured monitor to all of the building's monitors (installation without RD-GB2A repeater).

Each apartment must have only one master unit: Any other units in the apartment must be configured as slaves.

To exit the monitor's selection and information screen, press option (). The menu screen will be displayed.

Selection screen







For a shortcut to accessing the default setup and installer menu settings, press option and the following selection and information screen on the monitor will be displayed (follow the steps described on pp. 39-40 to adjust the settings). To exit and return to the menu screen, press .

Main menu screen





Selection screen

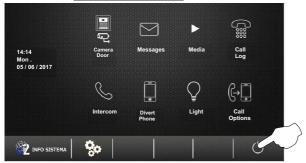


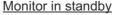
Continued overleaf

Continued from previous page.

To exit the monitor's user menu function, press option ().







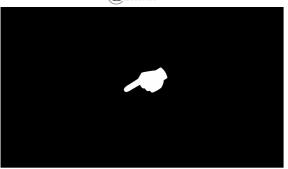


Configuring from the menu (monitor address, master/slave and displaying slave monitor image in call):

The Pentha monitor enables you to configure: address and master / slave on the monitor.

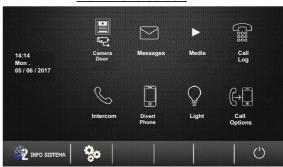
Step 1: To access the menu, the monitor must be in standby. Press the screen or on the **galmar** logo on the front of the monitor. The main menu options screen will then appear. **Note:** For example, move DIP 1 of the configuration DIP switch from ON to OFF (see p. 4) and go directly to the selection screen (see p. 42).

golmár





Main menu screen



Then press messisted and the following selection and information screen will be displayed.

Main menu screen





Selection and information screen



To access the installer menu, press the **golmar** logo on the front of the monitor for 3 seconds. The following installer screen will be displayed.

Selection and information screen





Installer screen



Continued from previous page.

To access the selection screen to configure the address and master / slave of the monitor, enter function code '@' and confirm by pressing 'OK'.

Installer screen

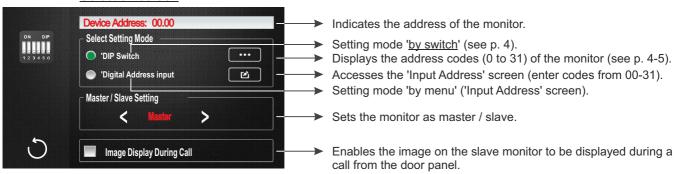


Selection screen



Step 2: The following functions can then be performed on the selection screen:

Selection screen



To configure the monitor with manual setting mode 'by menu', press 'Digital Address Input' and then press option option to bring up the following settings screen.

Selection screen



Settings screen



Settings screen





Selection screen



Continued from previous page.

Then press < or > to change the 'Master / Slave Setting', showing in 'Device Address' the address and master or slave configured on the monitor.

Selection screen





Selection screen



* Important: Each apartment must only have one master unit; if there are other units, they must be configured as slaves.

Step 3: To exit the selection screen, press option 🔵 . The main menu screen will be displayed.

Selection screen





Main menu screen



To exit the monitor's user menu function, press ().

Main menu screen



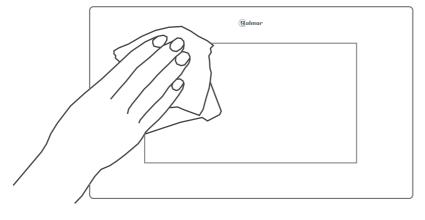


Monitor in standby



CLEANING THE MONITOR

- Do not use solvents, detergents or cleaning products that contain acids, vinegar or abrasive components.
- Use a soft damp cloth (not wet) that sheds no fibres.
- Always wipe the monitor in the same direction, from top to bottom.
- After cleaning the monitor, remove any moisture with a soft dry cloth that sheds no fibres.





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GOLMAR S.A. C/ Silici, 13 08940- Cornellá de Llobregat SPAIN



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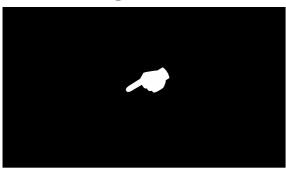
USER MENU (ANNEX)

To change the 'Day' mode start and finish time:

The monitor's ringtone is louder during the time set as day mode (default setting of 06:00 to 18:00).

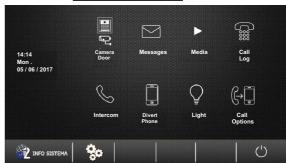
Step 1: To access the menu, the monitor must be in standby. Press the screen or on the **Quimur** logo on the front of the monitor. The main menu options screen will then appear.





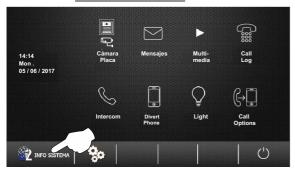


Main menu screen



Then press will be displayed.

Main menu screen





Selection and information screen

About	edinadri ad teudinadria dria dria dria ad ad nadria dria dria dria dria dria dria dria	
Device Address		
Video Format	AUTO	
System Version	02.00.10	
Display Driver		
Font Type		C
User Interface		\sim
		\mathcal{L}

To access the installer menu, press the **golmur** logo on the front of the monitor for 3 seconds. The following installer screen will be displayed.

Selection and information screen





Installer screen



To access the 2nd installer screen, press the **golmar** logo on the front of the monitor again for 3 seconds.

Installer screen





Continued overleaf

Continued from previous page.

Step 2: Then enter the function code with the alphanumeric buttons. Confirm the function code entered by pressing 'OK'. Press option 🦱 to exit and return to the monitor's selection and information screen.

2nd installer screen







Function code:

To set day mode to start at 07:00 in the morning and finish at 21:00 at night, enter the following code (with the hours in hexadecimal):

1#0#62#2#0#07,15#

Day mode finish time (in hexadecimal). Day mode start time (in hexadecimal).

Decimal time to hexadecimal time conversion table:

Decimal	Hexadecimal
01	01
02	02
03	03
04	04
05	05
06	06

ı	Decimal	Hexadecimal
	07	07
	80	08
	09	09
	10	0a
	11	0b
	12	0c

Decimal	Hexadecimal
13	0d
14	0e
15	0f
16	10
17	11
18	12

Decimal	Hexadecimal
19	13
20	14
21	15
22	16
23	17
24	18

Important: If the function code contains letters, enter them in lower case.

Step 3: To exit the monitor's selection and information screen, press option (). The menu screen will be displayed.

Selection and information screen







Main menu screen

Then press option (I) to exit the monitor's user menu function.

Main menu screen



Monitor in standby

