

Golmar



VESTA7 GB2 MONITOR VESTA7 GB2/H MONITOR

USER MANUAL



INTRODUCTION

First and foremost we would like to thank 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 system 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 VESTA7 GB2/H monitor interacts with hearing aids equipped with T-mode, making conversation between the door panel and apartment easier.
- Capacitive function buttons to access and select menu functions:

User menu:

- Displaying the door panel image.
- Displaying the camera image (DQ-CAM-GB2 module required).
- Activating the outdoor light.
- Intercom between apartments.
- About: Information and access to installer setup.
- Settings: Ringtone, ringtone volume, default settings (restore) and language.

Installer setup:

- Monitor as master or slave 1, slave 2 or slave 3. Up to 4 monitors per apartment.
- Indicating the number of door panels (up to 4 access panels).
- Indicating the number of cameras (up to 4 CCTV cameras, DQ-CAM-GB2 module required).
- Enabling the menu to be viewed when the Bus is busy.
- Activating intercom between apartments.

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

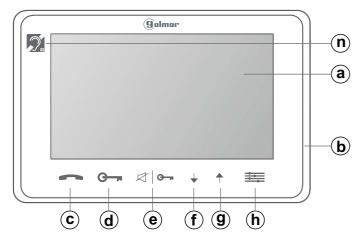
- Brightness.
- Colour.
- Contrast.
- Monitor speaker volume (communication).
- Start/stop communication button and, in standby mode, it displays the image from the door panel.
- Door release button 1 / in standby, it activates the outdoor light.
- Door release button 2 / in standby, it activates/deactivates the 'do not disturb' function.
- Intercom within apartment button.
- Menu access button.
- Monitor status LEDs.
- 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 ring tone lasts for 40 seconds. Without alerting the visitor, their image appears on the master monitor during this time. To view the picture on a slave monitor this function must first be activated in the monitor. <u>House kit application</u>: 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 button on any monitor in the apartment. Door panel LED will turn on.

 If the monitor is a VESTA7 GB2/H with icon on the front, make sure that the hearing aid is 20 cm away from the monitor to ensure maximum audio quality during communication with the door panel.
- To open door 1 or 2, press the corresponding button G-/Al or during the call or communication processes: one press will activate the lock release for five seconds and LED will also turn on for five seconds. If vocal synthesis is enabled, a 'Door Opened!' message will be indicated on the door panel.
- Descriptions of the function pusg buttons can be found on p. 4.

DESCRIPTION OF THE MONITOR



- a. 7" TFT colour screen.
- b. Microphone.
- **c.** Start/stop communication button. In standby: Display door panel image.
- d. Door release button 1. In standby: Activate out. light.
- e. Door release button 2. In standby: 'do not disturb' mode, if the mode is activated, the icon ⋈ | → illuminates (see page 13).
- f. End call/communication button.
 In standby, intercom within apartment function.
 In auto spy/auto switch-on: Select other door panel(s), camera(s) in descending mode and in carousel (if any).
 g. In standby: Enter menu. (continued)

Menu buttons:

Menu entry and user settings button.

Menu entry and selection button.

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/50mA maximum).

Configuration DIP switch:

DIP6: Sets the end of line. Set to ON in monitors where the bus cable terminates. Set to OFF only in intermediate monitors.

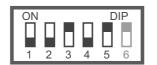
DIP1 to DIP5: To set the monitor address (addresses 0 to 31).

The switches set to OFF have a zero value.

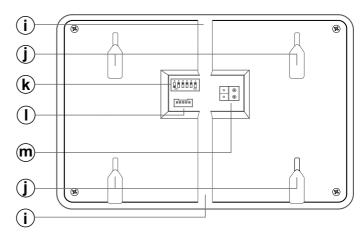
The values of the switches set to ON are shown in the table below. The monitor code is the sum of the values of the switches set to ON.

Value chart

Switch number: 1 2 3 4 5 Value when ON: 1 2 4 8 16



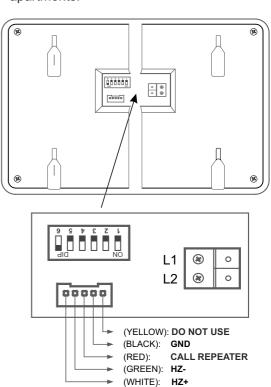
Example: 0 + 0 + 4 + 0 + 16 = 20



In auto spy/auto switch-on: Select other door panel(s), camera(s) in ascending mode and in carousel (if any).

In call/communication: select camera(s) in ascending mode and in carousel (if any).

- h. In standby: enter menu.
 Video activated: screen and communication volume settings.
- i. Vertical wiring entry.
- j. Connector fixings.
- k. Configuration DIP switch.
- I. Connector.
- m.Bus connection terminals.
- n. Communication with hearing aids (Vesta7 GB2/H only) Set the hearing aid switch to T-mode, see p. 8.
 - On menu screen: Display door panel image.
 - On menu screen: Activate outdoor light.
 - On menu screen: Intercom function between apartments.



DESCRIPTION OF THE MONITOR

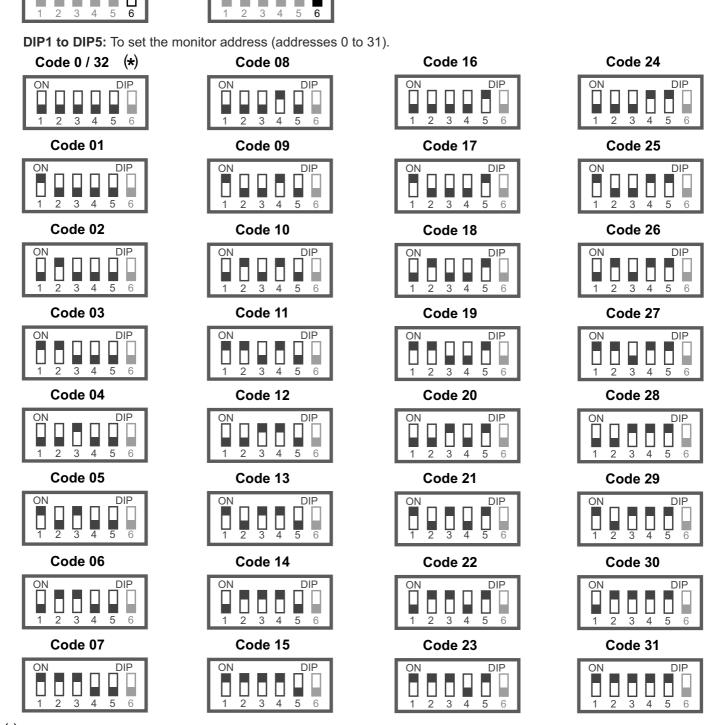
Dip6 to ON

DIP

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

Dip6 to OFF

DIP6: Sets the end of line. Set to ON in monitors where the video cable terminates. Set to OFF only in intermediate monitors.



(*) Important:

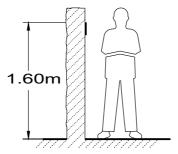
- -In door panel systems with call pushbuttons, the first address on the monitor is 'Code 0'.
- -In coded panel systems (N3301/GB2), 'Code 0' is 'Code 32', which means that when a call is made to a monitor with 'Code 0' (DIP 1 to DIP 5 set to OFF), (3) (2) needs to be entered on the N3301/GB2 numeric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

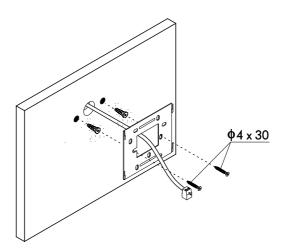
Positioning the wall mounting connector:

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:

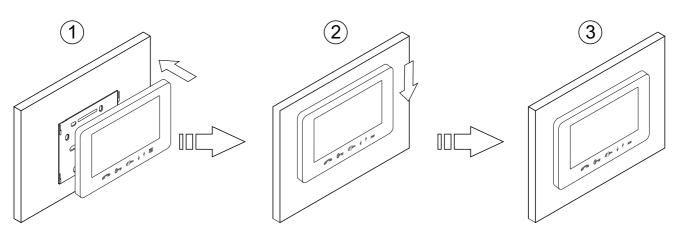
Fix the monitor's wall mounting connector to the wall by drilling two 6mm diameter holes and using the screws and plugs supplied with the monitor.



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.

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

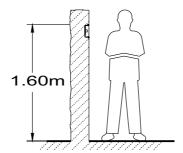


INSTALLING THE MONITOR IN AN EMBEDDING BOX

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

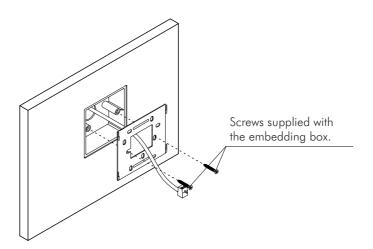
Positioning the embedding box:

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 5cm.



Positioning the embedding box and fitting the wall mounting connector:

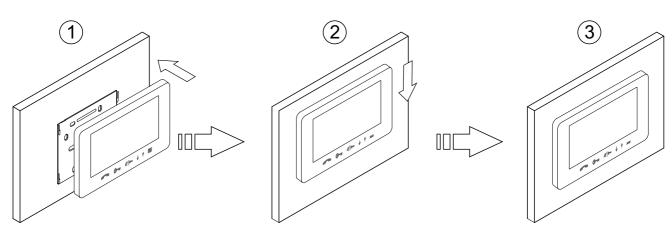
Pass the cable through the hole made in the embedding box. Embed the box and ensure that it is level and flush. Fix the wall mounting connector of the monitor to the embedding box with the screws supplied.



Positioning the monitor:

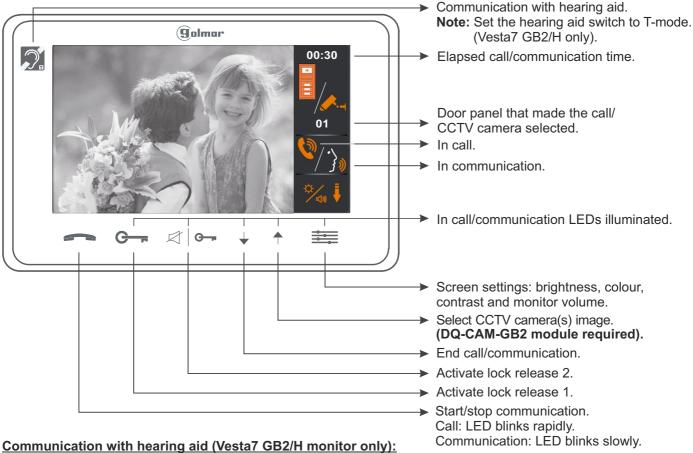
Connect the cables to the monitor (see p. 4), position the monitor in front of the wall mounting connector, ensuring that the holes in the base of the monitor line up with those on the connector 1, and then move the monitor downwards 2 until the monitor is securely fixed to the connector 3.

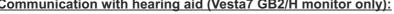
 $Remember \ to \ remove \ the \ protective \ covering \ from \ the \ front \ of \ the \ monitor \ once \ installation \ is \ complete.$



OPERATION

Monitor description when receiving a call and during communication:







Make sure that the hearing aid is 20 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 LEDs will illuminate (the LED of button - will blink rapidly) and the image from the door panel will be displayed on the master monitor without the visitor knowing. If the call is not answered within 40 seconds the monitor returns to standby mode.



To open door 1, press the door release button during the call: one press will activate the lock release for 5 seconds.

To open door 2, press the door release button during the call: one press will activate the lock release for 5

OPERATION

Continued from previous page.

1.2 Call not answered (missed call):

When a call is received, the monitor(s) will play a melody, the LEDs will illuminate (the LED of button will blink rapidly) and the image from the door panel will be displayed on the master monitor without the visitor knowing. If the call is not answered within 40 seconds the monitor returns to standby mode.

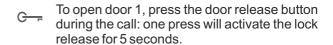


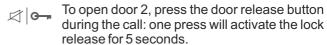
1.3 Ending a call from the door panel:

When a call is received, the monitor(s) will play a melody, the LEDs will illuminate (the LED of button will blink rapidly) and the image from the door panel will be displayed on the master monitor without the visitor knowing. To end the call, press button.

To open door 1 or 2, press the corresponding button G— /⋈ or during the call process: one press will activate lock release 1 or 2 for five seconds.









1.4 Answering a call from the door panel:

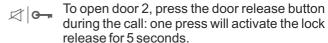
When a call is received, the monitor(s) will play a melody, the LEDs will illuminate (the LED of button — will blink rapidly) and the image from the door panel will be displayed on the master monitor without the visitor knowing. To answer the call, press button — (the LED of button — will blink slowly). If the monitor is a VESTA GB2/H with icon on the front, make sure that the hearing aid is 20 cm away from the monitor to ensure maximum audio quality during communication with the door panel.

To open door 1 or 2, press the corresponding button C→ /Ø| o→ during the call or communication processes: one press will activate lock release 1 or 2 for five seconds.



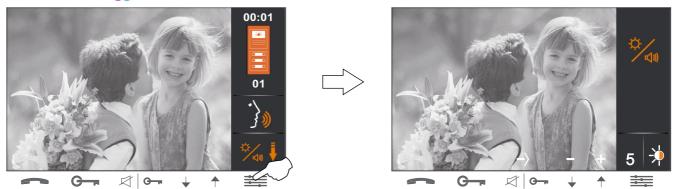


To open door 1, press the door release button during the call: one press will activate the lock release for 5 seconds.

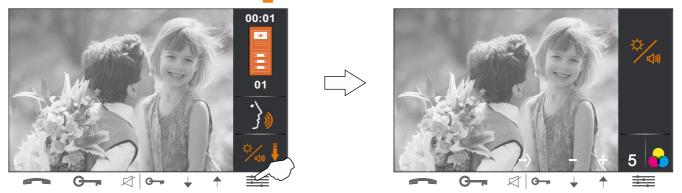


SCREEN AND VOLUME SETTINGS MENU

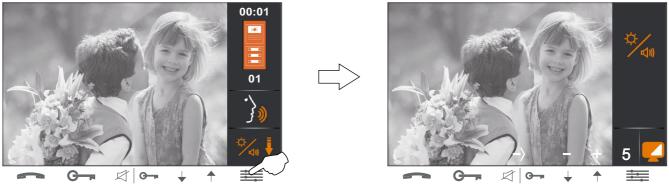
To adjust brightness, the monitor must be in communication or auto switch-on mode. Then press button to display option. Using menu buttons ↓ and ↑, select the required brightness level. Press button to change the following option or press ⋈ → to exit the settings menu.



To adjust the colour, the monitor must be in communication or auto switch-on mode. Then press button repeatedly until option is displayed on the screen. Using menu buttons ↓ and ↑, select the required colour level. Press button to change the following option or press ▷ or press ▷ to exit the settings menu.



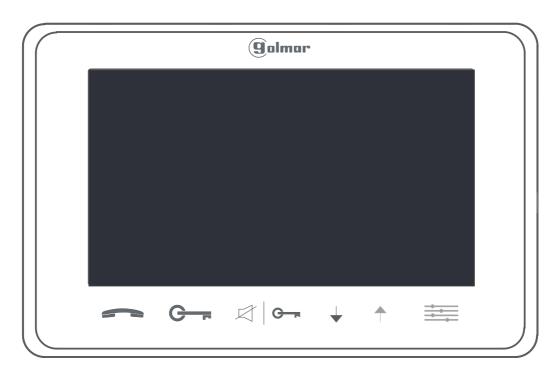
To adjust the contrast, the monitor must be in communication or auto switch-on mode. Then press button = repeatedly until option is displayed on the screen. Using menu buttons ↓ and ↑, select the required contrast level. Press button to change the following option or press ▷ or press



To adjust the communication volume, the monitor must be in communication or auto switch-on mode. Then press button = repeatedly until option is displayed on the screen. Using menu buttons ↓ and ↑, select the required volume level. Press button to return to option or press ◄ • to exit the settings menu.



Description of buttons with user direct access functions:



Display door panel image.

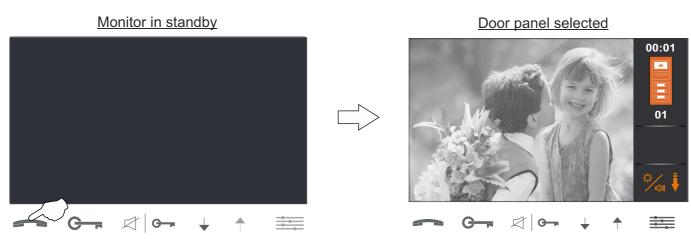
Activate intercom function within apartment.

Activate outdoor light.

Activate/deactivate 'Do not disturb' mode function.

1. Displaying door panel/camera images:

1.1 To display the image from one of the installed door panels/cameras, press button while the monitor is in standby. The following screen will display the image from the door panel with address 1, indicating the selected door panel '01' and the elapsed connection time.



Continued from previous page.

Then, using menu buttons \downarrow and \uparrow , select the required door panel/camera (DQ-CAM-GB2 module required, for functions codes see page 19) in descending and ascending mode respectively (carousel mode).

The connection will last for 30 seconds or until option is pressed twice if a door panel is selected or once if a camera is selected.

During door panel selection, door 1 and 2 can be opened by pressing the corresponding button — / | - : one press will activate lock release 1 or 2 for five seconds.

Door panel selected



Camera selected



To establish audio and video communication with the selected door panel, press button — . The screen will display symbol) . Communication will last for one and a half minutes or until button — is pressed again.

During door panel selection, door 1 and 2 can be opened by pressing the corresponding button — / | downward during the image display or communication processes: one press will activate lock release 1 or 2 for five seconds.



2. Activating the outdoor light:

2.1 To activate the outdoor light, press button • while the monitor is in standby. The outdoor light (SAR-GB2 module required) activates for 1 minute. See the "TSAR-GB2 ML" user manual for how to set other light activation times.

Monitor in standby



Continued from previous page.

3 Activating 'Do not disturb' mode:

3.1 To activate 'Do not disturb' mode, (*) press button $\bigcirc -/\varnothing | \multimap$ on the master monitor while in standby. The status LED of button $\bigcirc -/\varnothing | \multimap$ of the master and secondary monitors in the apartment will illuminate indicating that the function is activated. The monitors in the apartment will not receive door panel or intercom calls.

Monitor in standby



- (*) <u>Note:</u>
 - Vesta7 Gb2 V06 and Vesta7 GB2/H V05 monitor or later:
 One long press for 3 seconds activate / deactivate "Do not disturb" mode.

3.2 To deactivate 'Do not disturb' mode, (*) press button $\bigcirc - / \varnothing | \longrightarrow$ on the master monitor while in standby. The status LED of button $\bigcirc - / \varnothing | \longrightarrow$ of the master and secondary monitors in the apartment will turn off indicating that the function is deactivated.

4 Intercom within an apartment:

→ C→ 🗷 C→

4.1 To activate the intercom within an apartment, press button on the monitor while in standby.

The following call screen will be displayed, the status LED of button will blink rapidly and a long audible tone will confirm that the call is being made or short tones will indicate that a monitor in the apartment is already communicating with the door panel and the call will not be made. If a call is being made, press button to cancel the call.

Monitor in standby Making an intercom call → 01

Continued from previous page.

On the other monitors in the apartment, the status LED of button — will blink rapidly and a melody will indicate that an intercom call is being made. Press button — to accept the call and establish communication, the status LED of button — will blink slowly, or press button to cancel it. If the call is accepted, communication will last for one and a half minutes or until button — is pressed again.

Receiving an intercom call



In communication



If during the intercom process a call is received from the door panel of another apartment, the intercom process will be cancelled; the monitor in the apartment will emit a melody to indicate that the call is being made and the image will appear on the master monitor. To establish communication with the door panel, press button on the monitor. If there are slave monitors in the apartment, press button on any of them.

If during the intercom process a call is received from another apartment, the intercom process will be cancelled; the monitor in the apartment will emit a melody to indicate that the call is being made and the address of the apartment making the intercom call will be displayed (see 'Intercom between apartments' on page 17-18).

The ringtones vary depending on where the call is being made from, enabling the user to identify its origin (door panel, intercom or apartment door).

Description of the menu buttons:



Menu entry and user settings button.

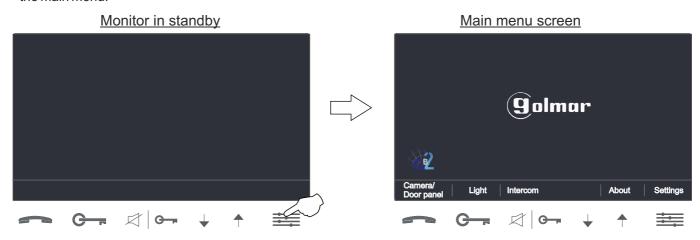
↑ Menu entry and selection button.

Display door panel image.

Activate outdoor light.

☐ Intercom function between apartments.

<u>To access the menu</u>, the monitor must be in standby. Then press menu button ≡ or to display the options screen of the main menu.



Continued from previous page.

1. Displaying door panel/camera images:

To display the image from one of the installed door panels/cameras, press button.

Main menu screen



The following screen will display the image from the door panel with address 1, indicating the selected door panel '01' and the elapsed connection time. Then, using menu buttons \downarrow and \uparrow , select the required door panel/camera (DQ-CAM-GB2 module required, for functions codes see page 19) in descending and ascending mode respectively (carousel mode).

The connection will last for 30 seconds or until option — is pressed twice if a door panel is selected or once if a camera is selected.

During door panel selection, door 1 and 2 can be opened by pressing the corresponding button G--- / A | o-- : one press will activate lock release 1 or 2 for five seconds.

Door panel selected



Camera selected



To establish audio and video communication with the selected door panel, press button — . The screen will display symbol) . Communication will last for one and a half minutes or until button — is pressed again.

During door panel selection, door 1 and 2 can be opened by pressing the corresponding button — / 🗷 | • during the image display or communication processes: one press will activate lock release 1 or 2 for five seconds.



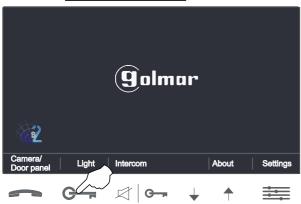
- Start/stop communication.
- To open door 1, press the door release button during the call: one press will activate the lock release for 5 seconds.
- To open door 2, press the door release button during the call: one press will activate the lock release for 5 seconds.

Continued from previous page.

2. Activating the outdoor light:

To activate the outdoor light, press button — . 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.

Main menu screen

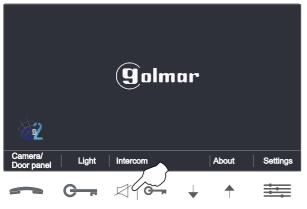


3. Intercom between apartments:

To access the intercom function within an apartment, press button ⊕ / ∠ | • . The following selection screen will be displayed. Use buttons ↓ and ↑ to select the apartment to call.

IMPORTANT: Activate function codes [9015] and [8017] on the monitor (see 'Installer setup' on pages 19-20).

Main menu screen



Apartment selection screen



Then press button — | | to make the call. The following call screen will be displayed indicating the address of the apartment to call. The status LED of button — will blink rapidly and a long audible tone will confirm that the call is being made or a series of short audible tones will indicate that the unit called is in communication with the door panel or on an intercom call with another apartment, and the call will not be made. If a call is being made, press option — to cancel the call.

Apartment selection screen

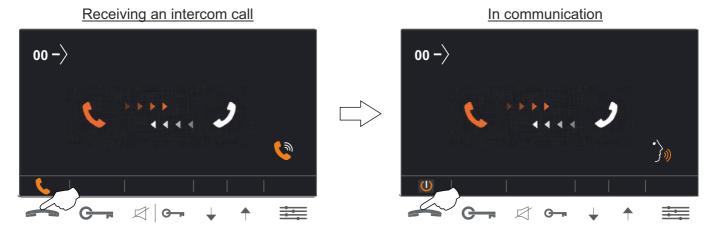


Making an intercom call



Continued from previous page.

On the monitor(s) of the apartment called, the status LED of button will blink rapidly, a melody will indicate that an intercom call is being made and the address of the apartment making the call will be shown. Press button to accept the call and establish communication, the status LED of button will blink slowly, or press button to cancel it. If the call is accepted, communication will last for one and a half minutes or until button is pressed again.

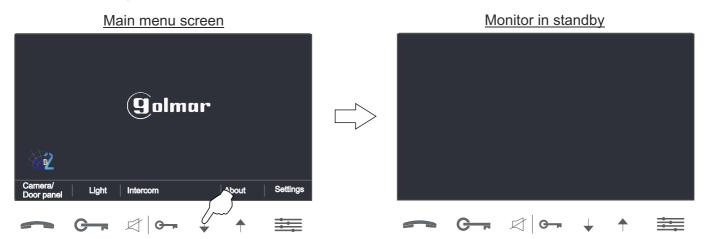


If during the intercom process a call is received from the door panel of another apartment, the intercom process will be cancelled; the monitor in the apartment will emit a melody to indicate that the call is being made and the image will appear on the master monitor. To establish communication with the door panel, press button on the monitor. If there are slave monitors in the apartment, press button on any of them.

The ringtones vary depending on where the call is being made from, enabling the user to identify its origin (door panel, intercom or apartment door).

4. Exiting the menu:

<u>To exit the menu</u>, press button \downarrow .



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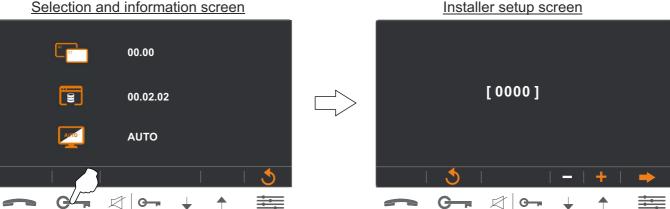
5. About (information and installer setup):

Press button † . The following selection and information screen will be displayed.

Main menu screen Selection and information screen 00.00 golmar 00.02.02 **AUTO** Light Intercom About

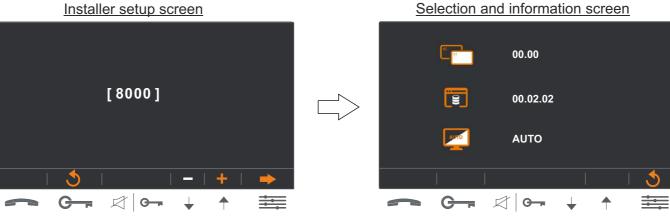
To access the installer setup, on the monitor's selection and information screen, press button — for 3 seconds. The following setup screen will be displayed.

Selection and information screen



number; repeat the previous steps until the complete function code number is entered. Confirm the function code entered by pressing button 🗮. To return to the previous screen, press option 🕞 . (See installer function codes on page 19).





Function codes (installer):

- *[8000]: Master monitor (default setting).
 - [8016]: Menu not activated if BUS is busy (default setting).
- (2)[9015]: Intercom calls enabled.

- * [8001] to [8003]: Slave monitor 1 to 3.
- (1) [8017]: Menu activated if BUS is busy.
 - [9016]: Intercom disabled (default setting).

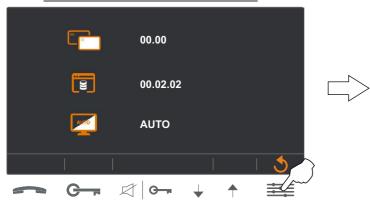
[9200] to [9204]: From no camera to 4 cameras installed (up to 4 CCTV cameras, DQ-CAM-GB2 module required).

- *Each apartment must only have one master unit: Any other units in the apartment must be configured as slaves.
- (1) It is recommended to activate function code [8017]: If there is more than one monitor in the apartment and an intercom call needs to be made.
- (1)(2) It is recommended to activate function codes [9015] and [8017]: To make an intercom call between apartments.

Continued from previous page.

Press button it to go to the main menu screen.

Selection and information screen



Main menu screen



6. Settings (ringtone, ringtone volume, default settings and language selection):

To access the monitor settings, press button \(\overline{\overline{1}} \). The settings screen will be displayed.

Main menu screen



Settings screen

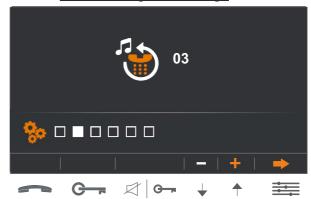


6.1 To change the door panel ringtone, use buttons ↓ and ↑. Then press option is to change the intercom ringtone.

Ringtone settings

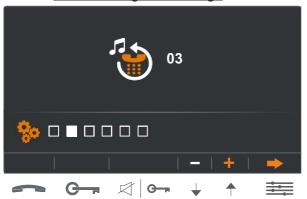


Intercom ringtone settings

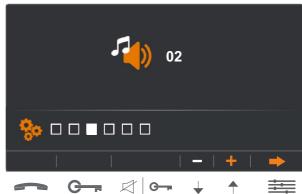


Continued from previous page.

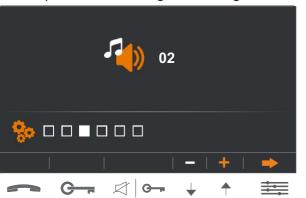
Intercom ringtone settings







Apartment door ringtone settings



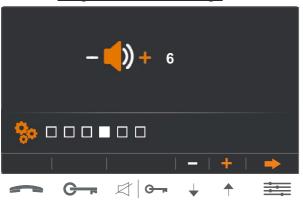
Ringtone volume settings



6.4 To change the ringtone volume, use buttons ↓ and ↑.

Then press option i to access the default settings function.

Ringtone volume settings

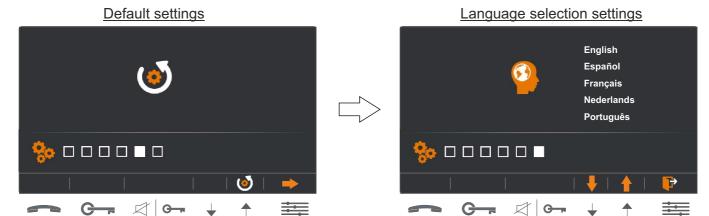


Default settings

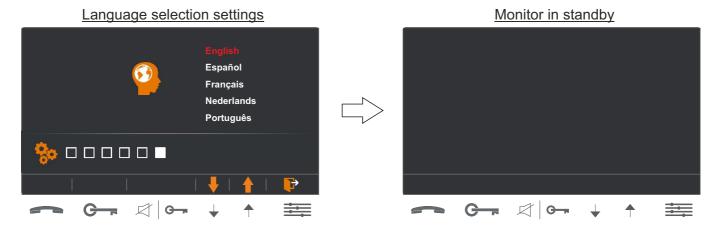


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6.5 Default settings. To reset the default settings (ringtone, ringtone volume, brightness, colour, contrast and communication volume), press button. A long tone will confirm that the function has been set. Then press option to select the language.

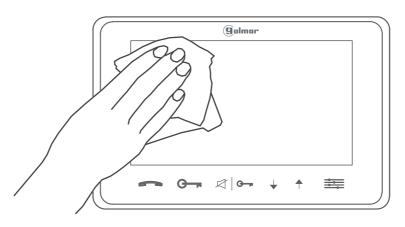


6.6 Language selection. To change the language, use buttons ↓ and ↑. Then press button ➡ . A long tone will confirm that the setting has been changed and the monitor will exit main menu mode.



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.



NOTES:



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