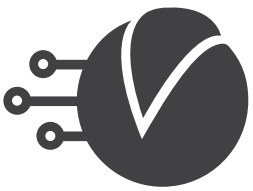
ALARM PANEL

User Manual



GARNET

TECHNOLOGY

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GARNET VERSIONS

GUARANTEE

Alonso Hnos. Sirenas S.A. (the seller) warrants its products to be free from defects in materials and workmanship under normal use for one year. Except as specifically stated herein, all warranties expressed or implied, whether statutory or otherwise, any implied warranties, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, title and non-infringement, are hereby disclaimed.
of merchantability or fitness for a particular purpose are expressly excluded.

Because the seller does not install or connect the products and because the products may be used in conjunction with products not manufactured by the seller, the seller cannot guarantee the performance of the security system and shall not be liable for circumstances resulting from the inability of the product to function.

The manufacturer's obligation under this warranty is expressly limited to the repair or replacement, at the seller's option, of any product that fails to meet specifications.
All returns must include proof of purchase and be made within the warranty period.
In no event shall the buyer or any person hold the seller liable for any loss or damage, whether direct or indirect, including, but not limited to, any damages for loss of profits, stolen merchandise or claims made by third parties, which are caused by defective goods or are due to misuse or faulty installation of material.

Notwithstanding the preceding paragraph, the seller's maximum liability is strictly limited to the purchase price of the defective product.
Use of this product signifies acceptance of this warranty.

ATTENTION:

Distributors, installers and/or others selling the product are not authorised to modify this warranty or to make additional warranties binding on the seller.

Thank you for choosing Garnet Technology's security system.
Your alarm panel will provide peace of mind for your home or business and protection for your family.
This technologically advanced system will provide reliable protection and powerful features that anyone can use without having to memorise complex and confusing codes.

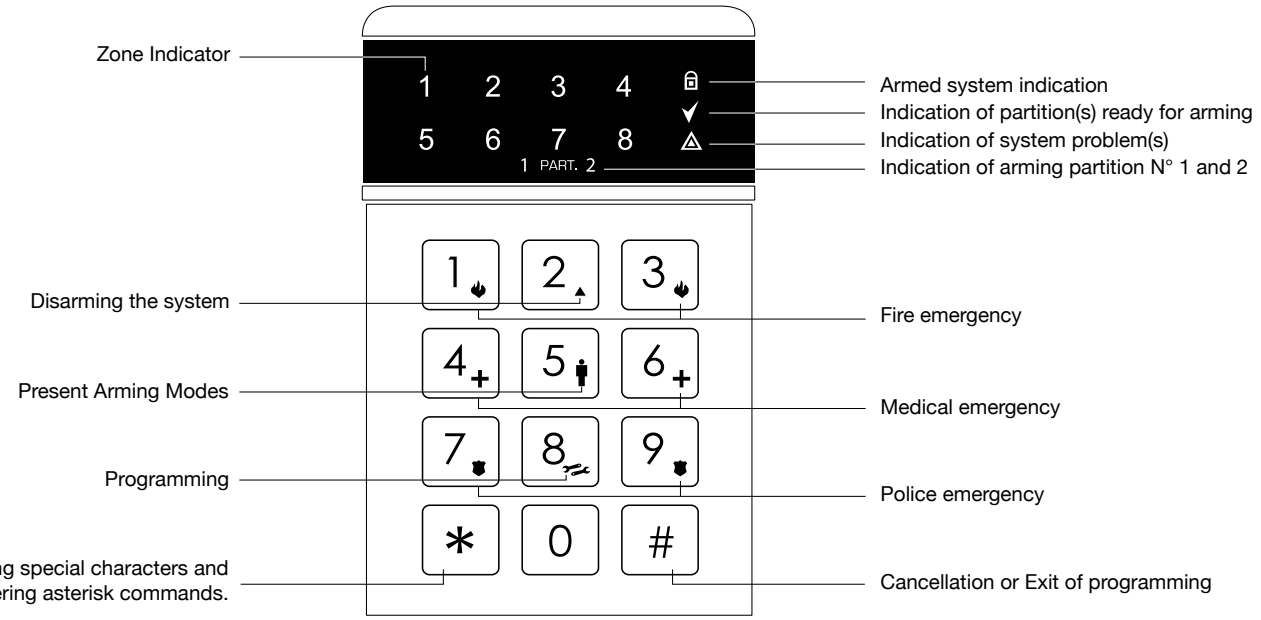
The G-LED732/KPD-800 keypads (LED technology) and the G-LCD732/ KPD-860 line (LCD technology) are stylish and easy to use, giving you convenient access to the functions of your security system.
You will be able to view all actions and statuses of your panel by means of on-screen displays.
Therefore, before using your security system, we recommend that you read this manual carefully and ask the installer to explain the basic operations to you. All users of this system should be equally instructed in the use of the system.
its form of use.

We recommend that you complete the "About the System" sheet with all panel information, zones and access codes and keep this manual in a safe place for future reference.
The keyboards are designed to facilitate the user's operation and understanding.
To make this possible, the keypad modules provide audible and visual confirmations to guide the user through each operation.

If you have a keyboard
G-LED732/KPD-800 the operation of the alarm panel is very similar to that provided by the G-LCD732/KPD-800 keypads.
G-LCD732RF/KPD-860/KPD-860RF,
taking into account that as it does not have an LCD display or functional buttons
The LEDs and key combinations must be used to guide the user through the system.
To see the equivalence between independent keys and key sequences between the two keyboards, please refer to the table in the section of this manual.

ÍNDICE

1. State Indications (G-LED732/KPD-800)



1.1 Indication of problems

Your system continuously monitors for various fault conditions. If a fault condition is present, the keypad will flash the fault icon [⚠].

1.2 Ready to assemble indication

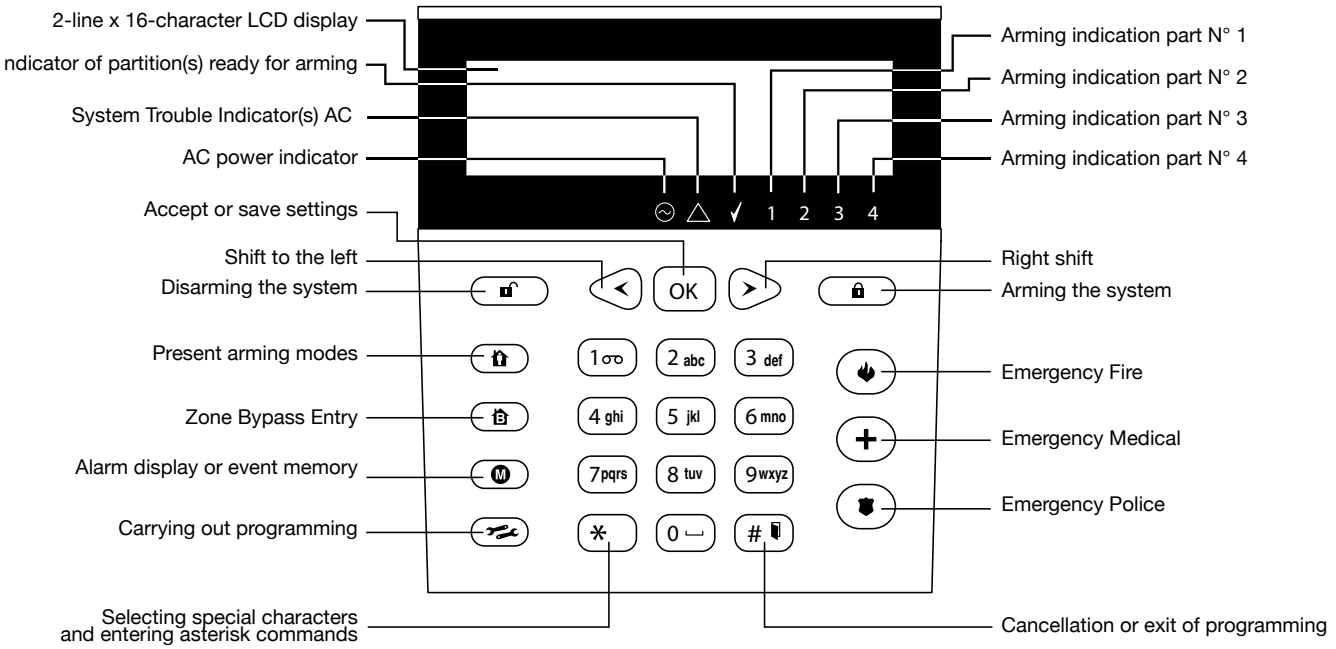
If a partition is ready to arm, the keypad will turn on the [✓] icon.
The [✓] icon will only be on if at least one partition is secured (all zones closed). The ready icon may be lit even with open zones, this is possible only if you have enabled the “Force Arming” option.

1.3 Armed partition indication Armed

partitions are indicated by the illumination of the symbols [1] and [2] together with the symbol [🔒].

Note: Delayed and interior zones do not affect the [✓] LED.

2 Status Indications (G-LCD732/G-LCD732RF/KPD-860/KPD-860RF)



2.1 Network Indication

Icon [⏦] lit indicates presence of power. Icon [⏦] flashing indicates fault.

2.2 Indication of Problems

Your system continuously monitors for different fault conditions. In the presence of any of them,
the keypad will flash the fault icon [⚠] and report it through a text on the keypad display.

2.3 Ready to Arm Indication

If a partition is ready to arm, the keypad will illuminate the [✓] icon.
The symbol [✓] shall only be lit if at least one partition is found secured (all zones closed).
The ready icon may light up even with open zones, this is possible only if you have the “Force Arming” option enabled.

2.4 Armed Partition Indication

Armed partitions are indicated by illumination of the numbers associated with each partition (1, 2, 3, 4). The keypad also reports the different statuses on the display.

3. Sounds from Confirmation

When information is entered in the keypad, it will guide you with tones that you must recognise:

3.1 Key pressed tone

Each time a key is pressed, the keypad will emit a short tone (“BEEP”).

3.2 Confirmation Tones

When an operation (e.g. arming/disarming) is successfully executed, or when an entry is correct, the keypad produces two rapid beeps (“BEEP-BEEP”), indicating that the operation was successful.

3.3 Error Tones

When a wrong operation is performed (e.g. entering an invalid user code), or when you want to perform an operation that is not allowed,
the keypad produces five tones (“BEEP-BEEP-BEEP-BEEP-BEEP”), indicating that the operation was rejected.
Depending on the importance of the error, the keypad may generate a long beep, which will inform you that the operation was rejected, e.g. the entry of an incorrect code.

4. Emergency keys

Its keypad is equipped with three emergency keys:

(Police, Fire and Medical).

Emergency keys can be programmed as audible or silent.
To cancel the audible alarm, enter a code that has the disarming function enabled.

4.1 To generate the different emergencies

With LED keypads, the two keys associated with the specific emergency must be pressed simultaneously for a period of time longer than 3 seconds.

With LCD keypads, the only key associated with the emergency must be pressed. for a period of time longer than 3 seconds.

5.Memory display of alarms

The equipment shall temporarily store the alarms that occurred in the last activation period, independently for each partition.

To display the zone(s) triggered during the last activation period:

• With LED Keypad you must press [✳] [3].
•With LCD Keypad, press the [Ⓜ] key and select the option “[1] Alarm Memory”.

6. Event Memory Display (LCD Keyboard)

The unit is capable of storing up to 512 time and date stamped events in its internal memory. To access this information, press the [Ⓜ] key and then select the "[2] Event Memory" option. The selection keys [➤ ➤] are used to scroll forwards or backwards.
the display of the different stored events.

7. Partitions

The LED keypads allow only two partitions to be displayed, while the LCD keypads provide the possibility to distinguish up to four partitions. Each partition can be individually armed and disarmed.

Common areas are used in sectors where users from different partitions share, such as corridors or entrance areas shared by other areas.

7.1 Partitioning the alarm panel alters the following functions of the system

• Users have restricted access to system functions. A user with access to a single partition can only issue commands that affect the partition to which he/she is assigned. Users can work on one partition, or several partitions, depending on their attributes.

• Keypads can be programmed to work in different areas. Depending on where they are located and how they are programmed.
The keypads can only handle information about the areas that have been enabled for them.

• The system times are independent. Each partition handles its entry and/or exit delay times individually.

•Individual arming of areas. Each area can be individually armed in any of the different arming modes: Away Arming, Delayed Stay Arming or Instant Stay Arming.

8. Códigos de Acceso

The Access Codes or User Codes are identification numbers that allow access to the different programming modes, Arm/Disarm, as well as access to functions such as zone inhibition, etc.

A different access code can be assigned to each person using the system. Each access code is
identified with a user number, which will let the monitoring station know which code is used at what time.

Its security system supports up to 32 different users.

8.1. Duress (Robbery) Codes

If an intruder forces you to disarm your system, you can use this code to disarm the system and send a silent signal to alert the monitoring station personnel that you are in danger.

You have the possibility to work with 4 independent duress codes (one for each partition).

Note: For panel PC-732G / PC-800 you will have 2 duress codes.

9. How to Program or Delete Access Codes

You can create or change access codes as often as you wish. Any selected code must be four digits long.

Avoid codes that are easy to guess, such as the factory programmed Master Access Code 1234.
For security reasons, be sure to change this code. Avoid duplicating codes.

9.1 To assign or change a user code

With LED keypads:

1. Enter the combination [✳] [8].

2. Select the option "[1] Codes".

3. Enter a user code that has programming enabled.

4. Enter the user number of the code you wish to program.

5. Enter the 4-digit code you wish to record.

***See note below.**

With LCD keypads:

1. Press the [🔧].

2. Select the option "[1] Codes".

3. Enter a user code that has programming enabled.

4. Enter the user number of the code you wish to program.

5. Enter the 4-digit code you wish to record.

Note: If you wish to delete the selected user, enter code 0000.

To continue programming another new access code, repeat the operations from step 4 onwards. If you wish to exit programming, enter the [#] key and then press [1] to confirm.

10. How to program Codes from Coercion

To program duress codes, enter the "Access Code Programming" mode and select the user number associated with each code.

These codes are associated with users 37 and 38 for the respective partitions.

For example: The Duress code of Part N°1 is associated with user 37.

11. How to enter a Access Code

To enter an access code, simply press the four numbers in succession. Do not pause for more than five seconds between each number.

12. Management of the different partitions via Access Codes

There are several ways to work on partition control and they depend on the hierarchies programmed into the access codes and keypads.

The keypads can be programmed to control different partitions, and can be enabled to control one or more partitions.

The different ways of controlling partitions, by combining code functions and keypad attributes, can be:

1. Manage a partition using an access code that is only allowed to manage that partition.

If the keypad on which the code was entered handles the partition to which the code is assigned, the code will be accepted, otherwise it will be rejected.

2. Manage a Partition with a code that is allowed to work on several partitions.

If the code is entered on a keypad that only handles one partition, the code will modify the status of the partition to which the keypad is assigned.

If the code is entered on a keypad that is allowed to manage more than one partition, you will be prompted to enter the partition you wish to manage.

13. Different modes of Arming and Disarming

Your security system can be armed in different ways, to accommodate different situations.

13.1 Armed Absent

You cannot find yourself inside of the area to be protected in away armed mode. If the sensors detect movement inside the property or on the perimeter of the property, an alarm will be generated.

To arm in “Away” mode you must enter a user code that has the arming function enabled.

13.2 Delayed Stay Arming

You can be inside your property in Stay Arming mode.
Sensors installed in the zones defined as “Inner Zone and Tracked (self-annulling) Zone” shall be cancelled

and you will be able to remain inside your home without an alarm being generated. If someone enters the premises through a delayed zone, an access code must be entered to disarm the partition, otherwise an alarm will be generated.

To arm in "Delayed Present" mode

• With LED Keypad
Enter the combination [✳] [4] and then your User Code.

• With LCD Keypad
Enter the [⌂] key, select Option "[2] Delayed Present" and then your User Code.

13.3 Instant Stay Arming

You can remain inside the premises, as in Delayed Stay Arming, but delayed zones will not generate entry delay, so if someone enters through a delayed access zone, an alarm will be generated immediately.

This type of arming is usually used when the entrance of people to the premises is not desired.

To arm in "Instant Present" mode

• With LED Keypad
Press the combination [✳] [9] and then enter your user code.
• With LCD Keypad
Press the key [⌂], Select the option "[3] Instant Present" and then enter your User Code.

14 . Output

The Exit Time is the period of time you have to leave the premises once the security system has started arming.

The keypad will indicate second by second the time you have to leave the premises without generating an alarm.

During the exit time, the keypad will beep warning you to leave the installation.

15. Override (Inhibit) manual Zones

Panel zones can be temporarily bypassed using this function.

Such a bypass will only be valid for a single arming period, i.e. when the panel is Disarmed, the zone(s) will be automatically reinstated in the system

Only zones belonging to a partition that is disarmed can be bypassed.

15.1 How to override one or more Zones

- **With LED Keypad**

1. Enter the combination [✳][1].

2. Enter your username and password.

3. Enter the number of the zone you wish to bypass.

- **With LCD Keypad**

1. Press the [🏠].

2. Enter your username and password.

3. Enter the number of the zone you wish to bypass.

Once the zone number is entered, the panel will inform you of its status (Bypassed/Normal). A lit zone means it is bypassed.

To continue bypassing zones, you must repeat step 3.

To exit zone bypassing mode, press the [#] key.

Note: Only zones with the inhibit option enabled can be bypassed. This option must be enabled by your installer.

15.2 Group Inhibition

You can automatically inhibit a set of zones defined by your installer as "Group Inhibit Zones" by simply pressing the [🏠] key for more than 3 seconds.

Note: This function is only available on LCD keypads.

16. Chime programming from Zone

Whenever a zone with the "Chime" option enabled is opened, the keypad will beep a series of times to inform you that the zone has been violated

To program Zones with Chime, the following steps must be carried out:

• With LED Keypad

1. Enter the combination [✳] [8].

2. Select the option "[3] Chime".

3. Type in the number of the zone you wish to chime.

The panel will report the status of activation or deactivation of this function. A lit zone means that the chime function is enabled.

To toggle between on and off states, you must re-enter the zone number.

• With LCD Keypad

1. Enter the [🔧].

2. Select the option "[3] Chime".

3. Type in the number of the zone you wish to enable the chime. The panel will report the enabled or disabled status of that feature. To toggle between enabled and disabled status, you must re-enter the zone number. To continue chime-enabling other zones, repeat step 3.

To exit this function, press the [#] key.

Note: Chime can only be programmed in the zones of the partition(s) in which the keypad with which the operation is being performed is enabled. Each keypad can be programmed with its own Chime Zones, therefore, each keypad can be assigned different Chime Zones.

17. Calendar Programming and Clock

If the Clock and/or Calendar of your control panel are out of date, it may cause it to perform operations in incorrect terms or to store events with the wrong date and time.

To set the Date and Time, perform the following steps:

• With Led Keyboard

1. Press the combination [✳] [8].

2. Select the option "[2] Clock/Date".

3. Enter the option "[1] Date", and type MM/DD/YYY to program the date.

4. Enter the option "[2] Time", and enter the current time in 24hs format.

To exit this function, press the [#] key.

• With LCD Keypad

1. Press the [🔧].

2. Select the option "[2] Clock/Date".

3. Select the desired information to modify, aided by the scroll keys [➤ ➤].

To exit this function, press the [#] key.

18. Adjust the volume of the keyboard

The keypad allows you to adjust its volume to better suit your needs.
To modify it, you will need to perform the following steps:

• With LED Keypad

1. Press the combination [✳] [8].

2. Select the option "[4] Keyboard".

3. Select the option "[4] Volume".

The [1] key lowers the volume while the [2] key increases the volume.

To exit programming, press the [#] key.

• With LCD Keypad

1. Press the [🔧].

2. Select the option "[4] Keyboard".

3. Select the option "[4] Volume".

4. Use the scroll keys to increase or decrease the keypad volume and press the [OK] key to save the changes.

To exit programming, press the [#] key.

19. Label programming (LCD keypad)

Its security system allows you to assign names to zones and/or partitions.

19.1 Program Zone Names (LCD Keypad)

To program the zone names, the following steps are required:

1. Press the [ ].

2. Select the option "[4] Keyboard".

3. Select the option "[2] Texts".

4. Enter your username and password.

5. Select the option "[1] Prog Zones".

6. Type in the number of the zone you wish to program.

7. Finally, program the desired text to identify the zone.

Note: To program the text use the following special characters:

*	= Mayúscula
00	= Espacio
1	= Símbolos
	= Borrar

Continue programming other zone names by repeating the steps from step 6.

To exit programming, press the [#] key.

19.2 Program Partition Names

To program the partition names, you must perform the following steps:

1. Press the [ ].

2. Select the "[4] Keyboard" option.

3. Select the "[2] Texts" option.

4. Enter your username and password.

5. Select the option "[2] Prog Part".

6. Type in the number of the partition you wish to program.

7. Finally, program the desired text to identify the partition.

Continue programming other zone names by repeating the steps from step 6.

To exit programming, press the [#] key.

19.3 Program advertising text

To program the text of the advertising display, you must carry out the following steps:

1. Press the [ ].

2. Select the option "[4] Keyboard".

3. Select the option "[2] Texts".

4. Enter your username and password.

5. Select the option "[4] Advertising".

6. Finally, program the text you want to appear on your keypad after 1 minute of inactivity.

20. Remote Control with 3G-COM-G/ 4G-MAX-G/ IP-500G Communicators

The above-mentioned models can be controlled by different means.
In principle, a 3G-COM-G/4G-MAX-G family communicator allows communications via 3G, 4G, Wifi and SMS, while IP-500G devices have communications via the WiFi channel. This allows the panels to be controlled via applications and/or SMS (traditional text messaging).

All modes are explained individually in the following sections.

20.1 Remote Control with 3G-COM-G/ 4G-MAX-G/ IP-500G Communi- cators via APP Garnet Control.

The control of the panels will be carried out by any of the above mentioned communicators via the Garnet Control APP using the Internet. This means that both the communicators 3G-COM-G/ 4G-MAX-G/ IP-500G shall have stable internet connectivity through any of the possible means of operation as well as your mobile phone. You will need to proceed to pair your mobile device with the app.
If you are the Administrator or Owner of the panel you should refer to the "Telephone Enablement" section of the installer's manual or contact your monitoring company.

If you are an Administrator or Owner and wish to invite more users to control your system, you must go to the Community tab in the application and invite the remaining users.

20.2 Remote Control with 3G-COM-G/ 4G-MAX-G Communicators via SMS (Text Message)

The control of panels with 3G-COM-G/ 4G-MAX-G family communicators can be done by means of mobile data, but if the communicator does not have internet because the chip does not have mobile data, or your phone is in the same situation. The communicators allow control via text messages.

For this it is important to take into account three parameters:

- **Mobile number:** We must know the telephone number of the communicator in order to be able to send messages.
- **Partition key:** This key must be saved in the configuration, depending on which key we use, we can manage the different partitions of the system.
- **Syntax of the message:** We must respect the explicit syntax in the following table in order to send text messages and for the panel to interpret them correctly.

Command format: [s][key][s][command][s][s][parameter]
Where:

- **[key]** is the partition key programmed in the communicator.
- **[s]** is a space
- **[command]** is the action we want to execute
- **[s]** is a space
- **[parameter]** is the complement of the action

Commands

ACCIÓN	COMANDO	PARÁMETRO
Setting up the system	Assemble	
Disarming the system	Disassemble	
Bypass a zone	Inhibit	See “parameters” section
Desanitise an area	Uninhibit	See “parameters” section
Activate a programmable output/Sirena	Activate	See “parameters” section
Deactivate a programmable output/Sirena	Deactivate	See “parameters” section
Check status	State	
Communicator reset	Reset	
Upgrade the communicator firmware	Upgrade firmware	

Parameters

The possible parameters for the Inhibit and Uninhibit commands are as follows:

z01, z02, z03, z04, z05 ... z32

The possible parameters for the Enable and Disable commands are as follows:

siren , pgm1 , pgm2 , pgm3 , pgm4 , pgmw1 , pgmw2 , pgmw3 , pgmw4

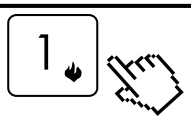
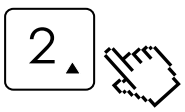
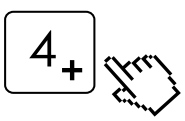
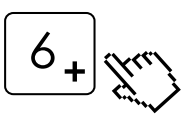
Note: Zone parameters must contain two digits, i.e. if we want to bypass zone 5 we must enter the command Inhibit z05 , bearing in mind that the letter “z” must always be in lower case.

Examples of text messages:

1234 arming
1234 uninhibit z05
1234 activate siren
1234 activate pgmw2
1234 reset

21. FAULT TABLE (G-LED732/KPD-800)

[*][2] Show faults: This command enters the fault display screen. Each general fault is related to a Zone LED. Then, to obtain the fault indication, press the key corresponding to the Zone LED No. indicating the fault.

Indicación	Falla	Pressures
Led Z1	**LOW BATTERY**	
Led Z2	**POWER FAILURES**	
Led Z3	**CLOCK FAILURE**	
Led Z4	**MODULE FAILURES**	
Led Z5	**COMMUNICATION FAILURES**	
Led Z6	**FAILURES OF KEYBOARD SUP. OF KEYBOARDS**	
Led Z7	**LINK FAILURES**	
Led Z8	**KEYPAD TAMPER**	

Details	
Led Z1: Low panel battery **Led Z2:** Low battery Auxiliary Source	
Led Z1: Panel Network Fault **Led Z2:** Auxiliary Fault **Led Z3:** Auxiliary Data Bus Failure **Led Z4:** Auxiliary Supply Network Failure	
Led Z1: Failure exp module No. 1 **Led Z2:** Failure exp module No. 2 **Led Z3:** Failure exp module No. 3 **Led Z4:** Mobile Data Module Failure	**Led Z5:** WiFi module failure **Led Z6:** Auxiliary source failure **Led Z7:** Telephone Line Fault **Led Z8:** Siren Fault
Led Z1: Communication failure Tel1 **Led Z2:** Communication failure Tel2 **Led Z3:** Communication failure (esc1) **Led Z4:** Mobile Data Communication Failure	**Led Z5:** SMS-Residential Communication Failure **Led Z6:** WiFi communication failure **Led Z7:** IP-Residential Communication Failure
Led Z1: Tech N° 1 supervision fault **Led Z2:** Tech N° 2 supervision fault **Led Z3:** Tech N° 3 supervision fault **Led Z4:** Tech N° 4 supervision fault	**Led Z5:** Failure of supervision tec N° 5 **Led Z6:** Failure of supervision tec N° 6 **Led Z7:** Failure of supervision tec N° 7 **Led Z8:** Failure of supervision tec N° 8
Led Z1: Mobile Data Link Failure **Led Z2:** WiFi link failure	
Led Z1: Tamper tec N° 1 **Led Z2:** Tamper tec N° 2 **Led Z3:** Tamper tec N° 3 **Led Z4:** Tamper tec N° 4	**Led Z5:** Tamper tec N° 5 **Led Z6:** Tamper tec N° 6 **Led Z7:** Tamper tec N° 7 **Led Z8:** Tamper tec N° 8

22. Information about the system

Partitions

Partition N°1 : .....

Partition N°2 : .....

Partition N°3 : .....

Partition N°4 : .....

Zones

Zone N° 1 : .....

Zone N° 2 : .....

Zone N° 3 : .....

Zone N° 4 : .....

Zone N° 5 : .....

Zone N° 6 : .....

Zone N° 7 : .....

Zone N° 8 : .....

Zone N° 9 : .....

Zone N° 10 : .....

Zone N° 11 : .....

Zone N° 12 : .....

Zone N° 13 : .....

Zone N° 14 : .....

Zone N° 15 : .....

Zone N° 16 : .....

Zone N° 17 : .....

Zone N° 18 : .....

Zone N° 19 : .....

Zone N° 20 : .....

Zone N° 21 : .....

Zone N° 22 : .....

Zone N° 23 : .....

Zone N° 24 : .....

Zone N° 25 : .....

Zone N° 26 : .....

Zone N° 27 : .....

Zone N° 28 : .....

Zone N° 29 : .....

Zone N° 30 : .....

Zone N° 31 : .....

Zone N° 32 : .....

23. Information about Communicators

3G-COM-G/ 4G-MAX-G (3G/4G/SMS transmission module).

Telephone number: .....

System No : .....

System Key : .....

IP-500G (Internet Connection Module)

System No : .....

System Key : .....

24. NOTES

Rev. 14/11/2022 USER_PANELES_V1

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