PANEL DE ALARMA

Manual de Instalador

GARNET

TECHNOLOGY

SP | SPANISH

PC-732G

General Information

WARNING: This manual contains information about the operation of the PC- 732G® and its restrictions, therefore, it should be read carefully

Limited Warranty: Alonso Hnos. Sirenas S.A. (the seller) warrants its products to be free from defects in material and workmanship under normal use for one year. Except as specifically stated herein, all express or implied warranties, statutory or otherwise, any implied warranties 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 does not 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 above 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 make additional warranties binding on the seller.

WARNING: Please read carefully

Note to Installers
This warning contains vital information. For the sole individual in contact with the user's system, it is their responsibility to address each item in this warning for the attention of the users of this system.

System Failures
The system has been carefully designed to be as effective as possible. However, there are circumstances, including fire, burglary or other emergencies where it will not be able to provide protection.
Any alarm system can be deliberately compromised or fail to operate for a number of reasons, some of which may include:

Improper Installation
A safety system must be properly installed to provide adequate protection. Equipment must not be installed where it will be exposed to moisture or splashing. Each installation must be evaluated by a safety professional to ensure that all points and access areas are covered. All window and door locks and latches must be secure and operate as designed. Windows, doors, walls, ceilings and other materials must possess sufficient strength and construction to provide the expected level of protection. A re-evaluation should be conducted during and after any construction activity. An assessment by the police or fire service is highly recommended if this service is available.
The equipment must be installed in an environment with temperatures between 0ºC and 70ºC.

Criminal Knowledge and Sabotage
This system contains security features that were known to be effective at the time of manufacture. It is possible for people with criminal intent to develop techniques which reduce the effectiveness of these features. It is very important that the security system be reviewed periodically, to ensure that its features remain effective and that they are updated or replaced if they are found not to provide the expected protection.

Access by Intruders
Intruders can enter through an unprotected access point, circumvent a dis- posed sensor, evade detection by moving through an area of insufficient coverage, disconnect a warning device, interfere with or prevent proper operation of the system.

Power Failure
Control units, intrusion detectors, smoke detectors and many other security devices require an adequate power supply for proper operation. If a device is battery operated, it is possible for the batteries to fail. Even if the batteries have not failed, they must be charged, in good condition and installed correctly. If a device operates on AC power, any interruption, even a slow one, will render the device inoperable while without power. Power interruptions of any duration are often accompanied by voltage fluctuations which can damage electronic equipment such as security systems.
After a power outage occurs, immediately conduct a complete system test to ensure that the system is functioning as intended.

Compromised Wireless Devices
Signals will not be able to reach the receiver under all circumstances, which include metal objects placed nearby or deliberate interference.

Failure of Replaceable Batteries
The expected battery life is a function of the environment, usage and type of device. Environmental conditions such as excessive humidity, high or low temperatures, or varying amounts of temperature fluctuations may reduce battery life. Regular testing and maintenance will keep the system in good working condition.
System Users

System Users
It is very important that all users of the system are trained in the correct operation of the alarm system and know how to respond to an alarm

Smoke Detectors
Smoke detectors, which are a part of the system, may not properly alert occupants of a fire for a number of reasons, some of which are as follows: Smoke detectors may have been incorrectly installed or located. Smoke may not be able to reach the smoke detectors, such as when the fire is in the chimney, walls or ceilings, or on the other side of closed doors. Smoke detectors cannot detect smoke from fires on other levels of the residence. Each fire is different in the amount of smoke produced and the speed of the fire. Smoke detectors cannot detect all types of fires equally well. Smoke detectors cannot provide early warning of fires caused by carelessness or lack of safety such as smoking in bed, slow explosions, gas leaks, improper storage of combustion materials, overloaded electrical circuits, playing with matches, or arson.
Even if the smoke detector functions as designed, there may be circumstances where there is insufficient warning time to allow occupants to escape in time to avoid injury or death.

Motion Detectors
Motion detectors can only detect movement within the designated areas as shown in the respective installation instructions. They do not discriminate between intruders and/or inhabitants of the premises or residence, nor do they provide volumetric area protection. They have multiple detection beams and motion can only be detected in unobstructed areas covered by these beams. They cannot detect movement behind walls, ceilings, floors, closed doors, glass partitions, glass doors or windows. Any kind of sabotage, intentional or unintentional, will impair their proper operation.
Passive infrared motion detectors operate by detecting changes in temperature. However, their effectiveness may be reduced when the ambient temperature rises near or above body temperature or if there are intentional or unintentional sources of heat in or near the detection area. Some of the sources of heat may be heaters, radiators, cookers, grills, fireplaces, sunlight, etc.

Warning Devices
Warning devices such as sirens, bells, horns, or strobes may not alert or awaken someone if there is an intervening door or wall. If warning devices are located on a different level of the residence or premises, it is less likely that occupants can be warned or awakened. Audible warning devices can be interfered with by other noise sources such as stereos, radios, televisions, air conditioners, etc.
Audible warning devices, even loud ones, may not be heard by people with hearing impairments.

Insufficient Time
There may be circumstances when the system is functioning as designed, and yet the occupants will not be protected from emergencies, due to their inability to respond to warnings in a timely manner. If the system is supervised, the response may not occur in time to protect the occupants or their belongings.

Component Failure
Despite all efforts at system reliability, the system may fail in the following cases.
its function, due to the failure of a component.

Incorrect Test
Most problems/failures of an alarm system can be found by regular testing and maintenance. The entire system should be tested weekly and immediately after an intrusion, attempted intrusion, fire, storm, earthquake, accident or any kind of construction activity on or off the premises. The test should include all devices that are part of the system, such as sensors, keypads, sirens, etc.

Safety and Insurance
Despite its capabilities, an alarm system is not a substitute for property or life insurance. Nor is an alarm system a substitute for property owners, tenants, or other occupants to act prudently to prevent or minimize the harmful effects of an emergency situation.

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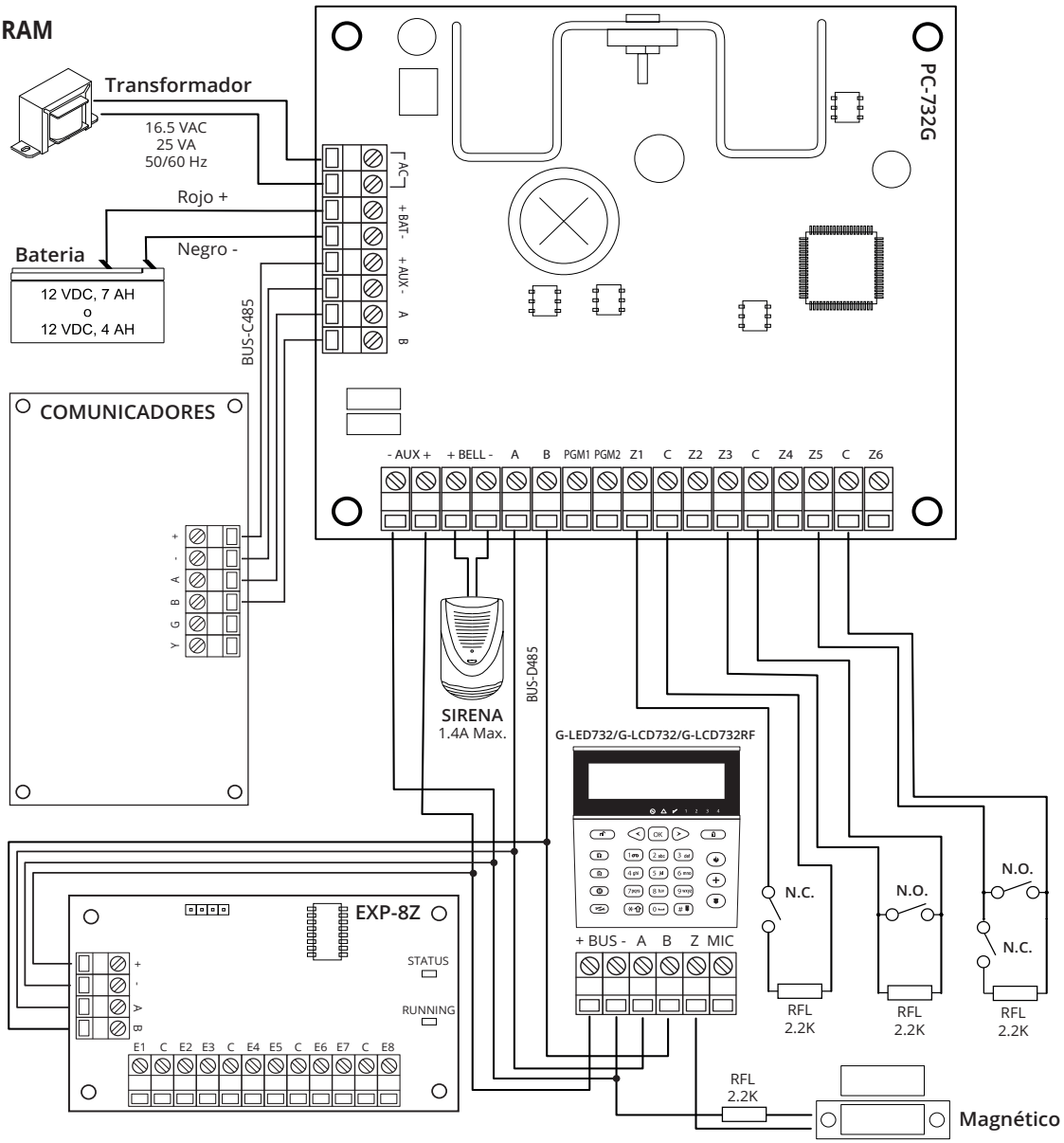
WARNING DIAGRAM



General characteristics

- Up to 32 total zones
- 2 partitions
- 2 wired PGM outputs + possibility of 4 Wireless PGM outputs
- Panel and/or communicator programming via Keyboard/Cellular/PC
- Possibility to use and program communicators with LED keypads (KPD-800/G-LED732)
- Schedule of Days/Times for automatic arming/disarming
- Panel arming by non-movement time
- Configuration and Choice of events to be reported.
- Event blocking for faults or repeated tripping (Optional)
- Possibility to report by various means configurable from Scenarios of communication
- 512 event memory
- Shutdown of the alarm panel due to low battery voltage. Previously sent low battery event and panel shutdown (avoids false triggers).
- Direct integration with Pivot Access family of access control systems
- Zone configuration in special modes: Double Trigger and/or Zone Crossing
- 13 different zone programming
- Simple operation of 2 partitions from a single keyboard
- Compatible with 3G-COM-G/4G-MAX-G and IP-500G family of communicators

SECTION 1: System Introduction

This manual is designed to help you through the installation process of the PC-732G® Alarm Panel. We suggest that you read this manual, in its entirety, before beginning the installation process so that you can better understand all that this security system has to offer. This manual is not intended for end users. End users are recommended to read the User Manual provided with the system. If you have any questions regarding the procedures described in this manual, please log on to www.garnet.com.ar/Soporte_Tecnico/Consultas.

1.1 Specifications

Programming

- Local programming via keypads.
- Local programming via PC-Link cable (adapter cable).
- Remote programming via 3G-COM-G/4G-MAX-G AC4 software.
- Remote programming via IP-500G and AC4 software.

Partitions

The system has 2 independent partitions, as well as the possibility of sharing zones in any of them, obtaining partitions with zones common to 2 partitions.

Flexible Zone Configuration

- 32 fully programmable zones with 19 different operating configurations and 8 different, individual attributes for each zone.
- 1 additional zone for each keypad installed.
- Zone circuit with single RFL.
- Fire zones with fault discrimination and alarm.
- Using EXP-8Z zone expanders, the system supports up to 24 wired zones. additional (maximum 3 expanders)
- With KPD-860RF/G-LCD732RF keypads (one is sufficient), the system supports up to 24 wireless zones (out of 32 available).
- Crossing areas
- Zones of Group Inhibition

Codes

The equipment has 36 codes available for the following functions:

- 1 master code.
- 31 user codes.
- 2 duress codes (individual for each partition).
- 1 installer code.
- 1 Local Programming Code by Cable Adapter (PC-Link).

Bus Data: BUS-D485
Its works through the RS-485 protocol, its connection is made using 4 wires, 2 for power supply and 2 for data. The system is able to supervise each device connected to the bus and generate a fault in the event of an error condition.
The maximum connection distance between the panel and the devices is 200 metres.
• Supports up to 8 keyboards.
• 3 EXP-8Z Expander modules.
• 1 Auxiliary Power Supply 1.5A FRA-200
• 1 Adapter cable for local programming (PC-Link).

Data Bus: BUS-C485
It is specially designed for high speed data transmission, it works through the RS-485 protocol, its connection is made using 4 wires, 2 for power supply and 2 for data.
The system is able to supervise each device connected to the bus and generate a fault in the event of an error condition. The maximum connection distance between the panel and the devices is 200 mts.
• Supports IP-500G, 3G-COM-G/4G-MAX-G devices.

Audible Alarm Output
The system supports up to 3 alarm outputs, using a combination between Programmable Outputs (PGMs) and the Outdoor Siren Output.
Each programmable output can be configured as a siren output for any of the 2 partitions, so you could have 2 siren outputs (independent for each partition), and an external siren output common to both partitions through the panel's Siren Output.
The siren sound is continuous or pulsating in the event of a fire alarm.
The fire alarm can be configured to be Pulse (1 second on, 1 second off) or Temporary 3, according to NFPA 72 standard (500mS on, 500 mS off, 500mS on, 500 mS off, 500mS on, 500mS on, 1.5 sec. off).
• 1 1.4A, 12VDC Outdoor Siren output.
Monitored for short-circuit and disconnection.
• 2 Siren outputs per PGM.

NOTE: Take into account the current values when connecting a siren to a programmable output, as these are not supervised in the event of excess consumption.

Power requirements
Transformer: 16.5 VAC, 25VA.
Battery: 12 volt 4Ah minimum.

Regulated Energy Supply
2 independent power supply outputs: AUX and AUX-3G/IP
• Supply: AUX 700mA, 12 VDC
• Power supply: AUX-3G/IP 300mA, 12 VDC

EEPROM memory
No loss of programming or system status in the event of a complete power failure.

Garnet Keypads Specifications: KPD-800/KPD-860/KPD-860RF/ G-LED 732/ G-LCD732/G-LCD732RF.
• They are connected by 4 wires.
• Internal piezo buzzer with volume control.
• Backlight brightness control (only for models KPD-860/KPD-860RF/ G-LD732/ G-LCD732RF)
• Built-in radio frequency receiver (Model KPD-860RF/G-LCD732RF only).
• Anti-disassembly and anti-disassembly tamper.
• Independent indication of partition statuses.
• Separate armed, away and disarmed keys for facilitate their use.

Communication protocols
• Residential SMS (Only with 3G-COM-G/4G-MAX-G).
• SDC2 (Only with 3G-COM-G/4G-MAX-G or IP-500G).
• DC1 (Only with 3G-COM-G/4G-MAX-G or IP-500G).

System monitoring features
• CA power failure (on panel).
• CA power failure (on auxiliary source FRA-200).
• Low battery condition (on panel).
• Low battery condition (auxiliary source FRA-200).
• Failure of auxiliary power supply.
• Zone fault (supervised zones).
• Lack of internal clock programming.
• Siren output faults (disconnection and over current).
• Mobile Data communication failure (3G-COM-G/4G-MAX-G only).
• SMS communication failure (3G-COM-G/4G-MAX-G only).
• Link Failure (IP-500G and 3G-COM-G/4G-MAX-G only).
• Low battery per zone (only with wireless sensors).
• Zone Tamper (only with wireless sensors).
• Keyboard Tamper.
• Monitoring of modules installed in the BUS-D485 and BUS-C485.
• Failure in fire zones.
• False Alarm Prevention Features
• Audible Exit Delay with differentiated sound in the last 10 seconds.
• Audible input delay.
• Double-triggered alarm in zones.
• Cross Zone Burglary Alarm.
• Independent entry/exit times for each partition.
• Auto Arming and Auto Disarming with independent programmable times and days for each partition.
• Auto arming on inactivity in zones with independent programmable times for each partition.
• Keypad-activated manual communication test.
• Programmable automatic communication test with start time and intervals.
• All modules are connected to the system via a 4-wire bus. Up to 200m from the PC-732G® panel.
• A 512-log event memory with date and time of occurrence. The memory can be viewed with the KPD860 /860RF G-LCD732/ keypad. G-LCD732RF and/or with AC4 Software.
• Automatic Shutdown: In the event of AC power failure and a significantly discharged battery, the panel will automatically shut down and restart when AC power returns.
• Swinger Shutdown: Separate programmable counters for 17 types of shutdowns different faults and/or alarms.
• Force arming for local and/or remote arming modes.
• Time programmable retransmission of Test Report and/or Network Fault Report in the event of a communication failure.

1.2 Additional Devices

LCD Keyboard with Wireless Receiver KPD-860RF/G-LCD732RF
The Wireless Receiver is built into each keypad, and can be used to connect up to 24 wireless sensors, 64 remote controls, and 4 PGM-W/MA-220G to the system.
2-Way Wireles System® communication system.
All wireless sensors operate at 434 MHz and are bi-directional monitoring devices, using CR123A lithium batteries.

NOTE: KPD-860RF/G-LCD732RF keypads shall be assigned addresses 1-4.
If a KPD-860RF/G-LCD732RF keypad is assigned an address greater than four, the keypad will override its RF receiver.

The following devices are available:
• Wireless Motion Detector DGW-500. Adds wireless space protection to a sector of the site
• Universal Wireless Transmitter DGM-300. Adds wireless door/window contacts to your system
• PGM-W/MA-220G programmable wireless output module: It allows, without the need for interconnection of cables, to control lights, motors, automatic irrigation and many other devices.
• Wireless Remote Control TX-500
The 3 buttons on the remote control are configurable for different functions.
They are:
• Arm and disarm the system.
• Partition panic button.
• Activate a PGM output.
• Activate PGM-W./MA-220G output
• Wireless outdoor sensor IR-1000RF. Ideal for outdoor detection
• Wireless Photoelectric Smoke Detector DH360i. Early fire detection

3G-COM-G / 4G-MAX-G Cellular Communicator
The 3G-COM-G / 4G-MAX-G Cellular Communicator can be used in two different forms:
• WiFi reporting as first means and cellular network as backup.
• Reporting by cellular network as first and only means.

IP-500G WiFi Communicator
The IP-500G Communicator has the same capabilities as the 3G-COM-G / 4G-MAX-G communicator, but instead of a GSM connection, it will use a WIFI connection to communicate. It connects to the panel via the BUS-C485. It can also be used in three different ways:
• As the main communicator with or without back-up.
• As a back-up communicator for other media.
• As a simultaneous communicator alongside other media.
Please refer to the explanation of the different scenarios of communication, backup scenario and dual or simultaneous reporting scenarios.

EXP-8Z Zone Expander
It is a wired 8-zone expander for the PC-732G® panel.
The system supports a maximum of 3 expanders, growing to a maximum of 32 zones.
Each expander must be addressed and assigned in the programming to the different zones of the system.
Connects to BUS-D485 and can be installed inside or outside the panel enclosure PC-732G®.

Supervised Auxiliary Power Supply FRA-200
The FRA-200 power supply provides an extra power supply for systems where power consumption is important. At the same time, it can have a battery backup for AC outages.
The installer should distribute the power consumptions so that, in the event of an AC power failure, both batteries are evenly discharged (the main battery of the panel and the battery of the auxiliary source FRA-200).
The FRA-200 source is also connected to the BUS-D485 and is fully supervised by the PC-732G® alarm panel. The panel will indicate low battery and mains failure of the auxiliary source.

Access Control CP-4000
Each CP-4000 access control module can control up to two independent doors, with entry and exit readers or a combined reader with a button and exit requirement.

SECTION 2: Starting the Installation
This section will provide a comprehensive description of how to install and configure the different devices and zones.

2.1 Installation Steps
Read this section thoroughly before you begin. Once you have a general understanding of the installation process, work carefully through each step.

Step 1: Create a sketch
Draw a sketch of the construction, to get an idea about the location of detectors, keypads and other modules that will be placed.

Step 2: Mount the Control Panel
Mount the control panel in a dry area near the entrance of a power outlet.
of non-interruptible AC power.

NOTE: All wiring must be completed before connecting the battery, or applying AC to the control panel.

Step 3: Installing devices on the BUS-D485 (See also Section 2.3) Install the bus to each of the modules following the guidelines provided in Section 2.3 of this manual.

Step 4: Install the Zones (Section 2.8)
You must remove power from the PC-732G® panel to install zone circuits. Please refer to Section 2.8 when wiring zones, using normally closed circuits, RFL end-of-line resistors, fire zones and Keyswitch "Arming" zones.

Step 5: Complete Installation (Section 2.2)
Complete all other installations including sirens, programmable outputs if available, and other devices following the guidelines provided in Section 2.2 (Terminal Descriptions).

Step 6: Energising the Control Panel
Once the installation of all zones and keypads is complete, activate the Control Panel. First, connect the red battery cable to the positive terminal and the black cable to the negative terminal. Then connect the AC power.

NOTE: Always connect the battery before connecting AC power. AC power must be applied for at least 10 seconds, or the control panel will not operate.

The control panel will not activate with battery connection alone.

Step 7: Keyboard Assignment (Section 2.5)
In order for the keypads to be properly monitored, each one must be assigned to a different "address" on the bus. Please follow the guidelines provided in Section 2.5.

Step 8: Monitoring (Section 2.6)
Supervision of each module must be enabled by programming. Verify that all modules are recognised by the system, according to the instructions in Section 2.6.

Step 9: Programming the System (Sections 4 and 5)
Section 4 explains how to program the control. Section 5 contains a complete description of several of the programmable features, which options are available and how they work. Complete the programming sheets before attempting to program the system.

Step 10: Test the System
Fully test the system to ensure that all features and functions are operating as programmed.

2.2 Terminal Descriptions

Battery Connection: +BAT-
A 12V, 4/7Ah rechargeable battery is used as a backup power source in the event of an AC failure. The battery also provides additional power when the demand on the control panel exceeds the power capacity of the transceiver, such as when the system is in alarm.

NOTE: Do not connect the battery until all other installations are complete. Connect the battery before connecting the AC.
Connect the RED battery cable to the positive battery terminal; connect the BLACK cable to the negative.

Transformer terminals: ~AC~
The control panel requires a 16.5 volt, 25 VA transformer. Connect the transformer primary to an interruptible outlet and the secondary to these terminals.

NOTE: Be sure to clearly identify the transformer primary and secondary wires before connecting. Do not connect the transformer until all other installations have been completed.

Auxiliary power terminals: - AUX+
These terminals provide up to 700mA of auxiliary current at 12 VDC for devices requiring power. Connect the positive side of any device requiring power to the +AUX terminal, the negative side to -AUX. The AUX output is protected. This means that if too much current flows through these terminals (such as in a short circuit), the PC-732G® panel will temporarily shut down the output until the problem is corrected.

Siren Output Terminals: +BELL-
These terminals provide up to 1.4A of DC current at 12VDC to power bells, sirens, strobes or other warning equipment. Connect the positive of any warning device to +BELL, the negative to -BELL.
Note that the Siren output is protected: if there is a high consumption of these terminals (such as in a short circuit), the protection will open. Three am- peres can be consumed for short periods only.
The Bell output is supervised. If no warning device is used, connect a 1000 ohms resistor between the +BELL - terminals to prevent the panel from displaying a fault condition. For more information (see section 3.5 "Commands [*]).

BUS-C485 terminals: +AUX-, A, B.
The Accessory bus is used by the control panel to communicate with the 3G-COM-G / 4G-MAX-G and IP-500G communicators. Each Communicator has four bus terminals which must be connected to the four terminals of
this bus on the control panel.

Programmable Output Terminals: PGM1 to PGM2
Each PGM output is designed so that when activated by the control panel, the terminal connects to ground. PGM1-PGM2 can draw up to 50mA of current. Connect the positive of an LED or buzzer to the +AUX terminal and the negative to the PGM. If more than 50mA of current is required, a relay must be used.
Please study the PGM wiring in the diagram. For a list of programmable output options, please see section 5.9 "PGM Output Options".

Zone Input Terminals - Z1 to Z6
Each detection device should preferably be connected to one zone in the control panel. However, it is possible to install multiple devices on the same zone. For zone installation specifications, please see section 2.8 "Zone Wiring".

2.3 Installation and Operation of the BUS-D485
The data bus is used by the PC-732G® panel to communicate with all connected modules and vice versa. Terminals (A) and (B) are for data.

NOTE: The four bus terminals on the PC-732G® panel must be connected to the four bus terminals or bus cables on all modules.

The following restrictions apply to BUS-D485 wiring:
• Each bus conductor must be at least 0.5mm gauge, a two twisted pair cable is suitable.
• Each module can be connected directly to the control panel, but can also be connected in series or in shunt.
• No module may be more than 200m (in cable length) from the control panel.
• Shielded cable reduces the maximum distance.

2.4 Current Ratings for Modules and Accessories
For the PC-732G® system to operate properly, the power output capabilities of the panel and expansion devices must not be exceeded. Use the data below to ensure that no part of the system is overloaded and cannot function properly.
PC-732G® (12 VDC)
+AUX: 700mA Subtract the values listed for each detector or device.
accessory connected to the AUX+.
+1.4A continuous rating. Available only with battery back-up
connected.

Device Ratings for PC-732G® (at 12VDC):
• LED keypad: 100 mA max. (60 mA idle).
• LCD keypad: 210 mA max. (90 mA idle).
• LCD-RF keypad: 210 mA max. (90 mA idle).
• EXP-8Z Zone Expander Module: 15mA
• PC-732G Board: Approx 100mA

Other Devices
Please read the manufacturer's documentation carefully to determine the maximum current demands required for each device during activation or alarm and include the correct values for power calculations. Connected devices must not exceed the capabilities of the system during any possible mode of operation.

2.5 Keyboard Assignments
There are eight bus addresses available for the keypads. The keypads KPD-800/KPD-860/KPD-860RF/G-LED732/G-LCD732/G-LCD732RF están, por
Each keypad must be registered to a different address. different address (1 to 8). Keypad registration is required, as it tells the control panel which addresses are busy. The control panel can generate a fault when a keypad supervision is not present.

How to program the address of the KPD-800/ G-LED732 keypads
1. Press the [✱] [8].
2. Then press the [4] key to indicate that you wish to enter programming. keyboard.
3. Finally press the [8] key to confirm the programming entry.
de address.
4. Enter the new address (1 to 8). To cancel, press the [#] key.

How to program the address of the keypads KPD-860 / KPD-860RF / G-LC-D732/G-LCD732RF
1. Press the programming button [🔧] and scroll with the scroll buttons [< >] to option [4] Keypad Programming, then press [OK].
2. Then press the [8] key, you will not find this option by navigating with the scroll-

buttons as it has been hidden for the purpose of avoiding unwanted programming.
3. Enter a new address (1 to 8) for that keypad. Or press the [#] key to exit programming. After addressing all keypads, enable them in command [298] in the installer programming. The control panel will monitor all keypads and modules registered to the system bus.

NOTE: To enter installer programming you must do so from the keypad with address1, as this is the only address that is enabled at the factory.

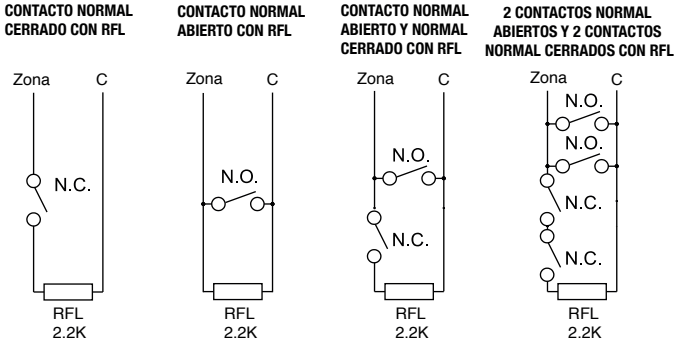
2.6 Monitoring
Only registered modules are monitored by the panel.
Supervision operates at all times so that the PC-732G® panel can indicate a fault if a module is removed from the system or simply stops working. To check which modules are currently connected and supervised, check installer programming commands [298] and [299].
A registered module that was not present will produce a fault condition and the Fault/System indicator [⚠] on the keypad will illuminate. This condition may be due to one of the following circumstances:
• The module is no longer connected to the BUS-D485.
• There is a problem with the BUS-D485 wiring.
• The module, or keypad, is more than 200m from the panel.
• Module or keypad does not have sufficient power supply
• The module or keypad is damaged.
• There is more than one device with the same address.
For more information concerning module monitoring issues,
see section 3.5 "Commands [✱]" on page 8.

2.7 Remove Modules
The PC-732G® Panel must be reconfigured to no longer supervise a module that has been removed from the system. To remove the module, disconnect it from the Bus and disable it in the [298] or [299] installer programming command.

2.8 Zone Wiring
For a complete description of the mode of operation of the different types of zone, see section 5.2 "Programming Zones". There is only one way to install the zone circuits and that is by using a resistor at the end of the 2200 ohm line.
The control panel can accept and monitor NC or NO detectors.

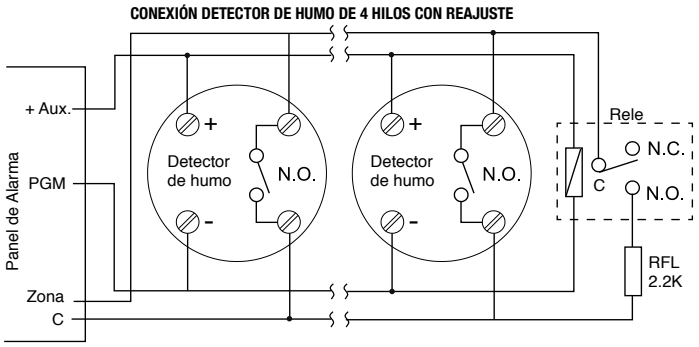
NOTE: Any zone on the main panel can be programmed as a 24 Hour Fire. Zones so programmed will generate a trouble when the circuit is open.

Resistors (2200 ohms) at End of Line (RFL)
Using the end-of-line resistors, note the different variants for connecting the zone circuit.



NOTE: This is the appropriate connection mode for Normally Open (N.O.) or Normally Closed (N.C.) sensing contacts.

2.9 Fire Zone Wiring
4-wire smoke detectors
All fire zones shall be installed in accordance with the following diagram:



2.10 Keyboard Area
Each keypad has a zone input, to which a sensing device (such as a magnetic door contact, motion sensor, etc.) can be connected. This saves you having to run wires to the control panel for that device.
To install the keypad, open the plastic enclosure of the unit and locate the six terminals on the keypad PCB terminal block. Connect the four BUS-D485 wires from the control panel, red wire to [+], black to [-], blue to [A] and white to [B]. To connect the zone, use an end-of-line resistor also 2200 ohms between the [Z] terminal and the [-] terminal. To power devices that require power, use the power terminals (the red and black wire) to supply power. Connect the red wire to the [+] terminal and the black wire to the [-] terminal.

NOTE: End-of-Line Resistors must be placed at the sensing device at the end of the circuit, not at the keypad. This zone cannot be programmed as a supervised fire zone.

2.11 Expanding Modules Zones
Each expander module has 8 zones. The maximum number of expander modules supported by the panel is 3, and up to 24 additional zones can be obtained in addition to the 8 on the main panel board. Each expander module must be assigned an address, so 3 addresses are available. For an expander module to function, it must be enabled. Enable the expander modules in the command [299] "Enable modules, options [1], [2] and [3]. The expander modules have 8 zone inputs. To assign a zone number to each input, commands [220]-[227] must be programmed for expander module zones with address 1, [228]-[235] for expander module zones with address 2 and [236]-[243] for expander module zones with address 3.

SECTION 3: Keyboard Commands
Use any system keypad to enter commands and/or program the PC-732G® security system. The LCD keypad provides a menu of options on the liquid crystal display and uses a combination of LEDs and display legends to communicate system status to the user.
The [⚠] indicator functions as a Fault indicator. Simultaneously, these conditions will be shown with legends on the LCD display.
The [✓] indicator alerts the user that all zones in the partition are secured and the system is ready to arm.
The 1 2 3 4 indicators show the armed or disarmed status of the different partitions. If a partition is armed, the indicator for that partition will be lit.
The PC-732G® User Instruction Manual provides a basic guide to arming and disarming the system, bypassing zones, and performing user functions from the keypads.
The following sections provide additional details about these functions.

3.1 Arming and Disarming
For the operation of arming and disarming, please refer to the PC-732G® User Instruction.

NOTE: The Event Log will record "Armed in Present Mode" or "Armed" in Away Mode" every time the system is armed. If a delayed type zone remains open until the end of the exit delay time, and forced arming is disabled, the entry delay will begin. At the end of the entry delay period, if the system has not been disarmed, an alarm will be generated.

3.2 Arming in Present Mode
When arming the system in present mode, zones previously defined as interior are auto-bypassed (see section 5.2 "Programming Zones").

3.3 Automatic Arming and Disarming
The system can be programmed for Automatic Arming at a time specific every day if it is in the disarmed condition.
The Automatic Arming schedule is independent for each partition, thus which there are 4 commands that refer to Automatic Arming Schedule [280] - [281].
The system can also be programmed for Automatic Disarming. The Automatic Disarming schedule is also independent for each partition, so there are also 4 commands that refer to the Automatic Disarming Schedule [284] - [285].
Finally, you can define the days of the week on which you want it to take place.
Automatic Arming and Disarming of each of the partitions, the commands [290] - [291] refer to Automatic Arming Days of each partition while [294] - [295] refer to Automatic Disarming Days of each partition.
When the system's internal clock matches the Auto-Arming Time, the PC-732G® panel will check the system status.
If the system is armed, the panel will do nothing until the next day at the Auto-Arming Time, and check the system again.
If the system is disarmed at the time of Auto-Arming, the panel will sound the buzzer on all keypads for one minute.
If a Valid Access Code is entered, Auto Arming will be cancelled.

NOTE: If Auto Arm is cancelled, the number of the user who cancelled the auto
The event will be recorded in the Event Log.
If no code is entered, the panel will arm automatically.
If a zone is opened, the panel will transmit a Partial Closing Reporting Code, this will indicate to the monitoring station that the system is not fully secured. If the zone is restored, the panel will add the zone back to the system.

NOTE: Auto Arming can be cancelled only by entering a valid access code on any keypad.

3.4 Forced Armed
Force arming allows the system to be armed even when zones are open (not secured).
When armed with open zones, at the end of the exit time, the panel will
will be bypassed until the zone is closed. If the zone is closed, it shall be automatically restored to the system, whereby an alarm shall be generated if the zone is opened again.
There are two different forced armings that can be enabled, forced arming by keypad or keyswitch and forced arming for automatic and/or remote arming.

3.5 Commmands [✳] (Keypads KPD-800 / G-LED732)[✳]
[✳][0] Quick Arm/Disarm: If the "Quick Arm/Disarm" option is enabled, the system will arm in Away mode without the need to enter a user code.
If the system is in exit delay, entering this command will immediately disarm the system, without the need to enter a valid user code.
The quick disarm option only works during the exit delay time. After the exit delay has expired, the quick disarm function will remain disabled.
[✳][1] Bypass Zones: This command is similar to pressing the [Bypass] key. of the KPD-860/KPD-860RF/G-LCD732/G-LCD732RF keypads.
[✳][2] Fault Display: The panels constantly monitor the various fault conditions. If a fault condition is present, the Fault indicator will flash (see Fault Index Table).
[✳][3] Alarm Memory for the last activation period: The alarm memory indicates the zones tripped during the last activation period. To view the alarm memory, press [✳] [3].
[✳][4] Arming in Delayed Stay mode: The system will arm, leaving inhibited all zones configured as Inner Zones.
[✳][5]: Future Use
[✳][6]: Future Use
[✳][7] Keypad Control of Programmable Outputs: The PGM outputs can be controlled from any keypad. To do this, enter [✳] [7] followed by your user code, then select PGM's and PGM-W with the scroll keys.
Note: The user code shall have the PGMs / PGM-Ws control option enabled.
Note: PGM-W/MA-220G can only be used from KPD-860RF/G-LCD732RF.
[✳][8] Enter Programming mode: This command is similar to pressing the [Program] key on the KPD-860/KPD-860RF/G-LCD732/G-LCD732RF keypads.
[✳][9] Instant Stay Arming: The system will arm, bypassing all zones configured as Stay zones. Zones configured as Delayed Zones will operate without delay, where by the delayed zones will operate as Instant Zones.

Commands [✳] (Keypads KPD-860 / KPD-860RF / G-LCD732 / G-LCD732RF)
The [✳] key commands provide an easy way for the user to access basic system information. The LCD display provides written information, guiding the user through each command.
Use the arrow keys [< >] to scroll through the information. provided.
[✳][1] View Bypassed Zones: Use the [✳][1] keypad command to display the bypassed zones.
NOTE: Use the scroll keys to display all zones.
[✳][2] Fault Display: The panels constantly monitor for various fault conditions. If a fault condition is present, the Fault indicator will flash. To display faults, enter [✳] [2]. Use the arrow keys [< >] to move around the different fault conditions present.
[✳][3] Alarm Memory for the last activation period: The alarm memory indicates the zones tripped during the last activation period.
To view the alarm memory, press [✳] [3].
NOTE: Each time a partition is armed, the alarm memory of the zones in that partition will be cleared.
[✳][4] View Open Zones: To view the zones that are open, enter [✳][4].
Use the [< >] arrow keys to scroll through the different open zones.
[✳] [5] View Status of Keypad Tampers: To view the status of the keypad tampers, enter [✳] [5]. Use the arrow keys [< >] to scroll through the different open tampers.
[✳][6] **View Zone Tampers Status:** To view the status of the zone tampers, enter [✳][6]. Use the [< >] arrow keys to scroll through the different open tampers.
[✳][7] Keypad Control of Programmable Outputs: PGM outputs can be controlled from any keypad. To do so, enter [✳] [7] followed by your user code.
Note: The user code shall have the pgms control option enabled.
[✳] [8] Viewing Low Battery Zones: To view the low battery status of zones, enter [✳] [8]. Use the [< >] arrow keys to scroll through the different low battery zones.
[✳][9] Viewing Supervisory Faulted Zones: To view supervisory faulted zones, enter [✳][9]. Use the [< >] arrow keys to scroll through the different zones.

3.6 Functional Keys:
There are 6 functional keys on the KPD-860/KPD-860RF/G-LCD732/G-LCD732RF keypads. Away arming, present arming, disarming, event memory, zone bypassing and programming.

Arm Absent [🔒]
The system will arm in Away mode. Enable the Quick Arm/Disarm feature (by programming command [271], option [3]) to have this key function without the need to enter an access code. If the Quick Arm option is not enabled, the user will have to enter an access code before the "Away Arming" function will be executed.

Arm Present [ ]
The system has two different present arming modes, delayed present arming and instantaneous present arming. The difference between them is that in instant present arming, delayed zones behave as instant zones, without allowing an entry delay. Enable the Quick Arm/Disarm feature (by programming command [271], option [3]) to have this key functional without the need to enter an access code. If the Quick Arm option is not enabled, the user will have to enter an access code before the "Stay Arming" function will be executed.

Disassemble [ ]
This key allows you to quickly indicate that you wish to disarm the system. Enable the Quick Arm/Disarm feature (by programming command [271], option [3]) to have this key functional without the need to enter an access code. If Quick Disarm is not enabled, the user will have to enter an access code before the "Disarm" function will be executed.

NOTE: The Quick Disarm option only works on partitions that are in exit delay.

Bypasear Zones [ ]
Use this key to enter the zone bypass menu. If the "Zone Bypass Zones without code" is disabled, you must enter your user code.

Event memory [ ]
Use this key to choose between the alarm memory and event memory options. Use the [ ] keys to select between one option or the other.

Programming [ ]
The system allows you to choose from a number of programming options, some of which are: Codes, Clock/Date, Zone Chime, Keypad, Panel, PC-Link, RF Devices and Communicators.

SECTION 4: How to Program
The following section of the manual describes the function of Installer Programming and how to program the different commands.

NOTE: Read the following section very carefully before you start programming. We also recommend completing the Programming Sheets section before programming the control panel.

4.1 Installer Programming
Installer Programming is used to program all options of the PC-732G® panel. The default Installer Code is [5555] but can be changed to prevent unauthorised access to programming.
1. From any keypad, press the [ ] key followed by option 5 [PANEL], then enter the Installer Code. The keypad will display the message "Entering Installer prog".

NOTE: If you are attempting to program from a KPD-800/G-LED732 keypad, you must enter the [ ] [8] command instead of the [ ] key.
2. Enter the three digits corresponding to the number of the command you wish to program. The keypad will display the current programming of the command entered.
3. Modify the programming at the desired command positions and press
Press the **[OK]** key to save the changes.
If you made a mistake in the data entered and do not wish to record it, press the [#] key to quit programming the command.

Select a new command and re-enter the information correctly.

NOTE: If you are programming from a KPD-800 / G-LED732 keypad, you must enter the three digits of the command followed by the command data. When the last digit of the command is entered, the command will be saved and awaiting a new programming command.
If you are programming the data for a command, you can cancel the data recording by entering the [#] key. To exit programming press [#] + 1.

4.2 Programming Special Data
There are sections that require programming of hexadecimal data or simple alphanumeric characters. To do this, simply press the [ ] key and the keypad will display a screen with the different special data that can be programmed into the command entered. Select the data you wish to enter and press the [OK] key. This value will be automatically inserted and you will continue programming the command you were programming.

NOTE: If you are programming from a KPD-800 / G-LED732 keypad, you should refer to the tables that refer to the programming of the special data.

4.3 See Programming
When you enter a valid command number, the keypad will display all programming that has that command. Use the [ ] arrow keys to scroll through all the data being displayed. Press the [OK] key to view the next command programming or press the [#] key to exit command programming.

NOTE: Programming can only be viewed from the keypad models.
KPD-860 / KPD-860RF / G-LCD732 / G-LCD732RF

SECTION 5: Programme Descriptions
The following section explains the operation of all programmable functions and options.
It also provides a summary of the corresponding locations of programming.

5.1 Programming Security Codes
There are 5 codes which can be programmed by the installer in the Installer Programming function: the Master user code, the Installer code, 2 duress codes for the different partitions and the wired programming code (Pc-Link). All other access codes can be programmed by the same Master code (User 32) through the User Codes programming.
Users can program user codes if they have enabled the attribute "User Code Programming".
The master code can also be programmed by the user as a user code (32).
Duress codes can be programmed as users 37-38.

5.2 Program Zones
Zones 1-8 are enabled by factory default. Disable unused zones, or enable additional zones in programming commands [070]-[101].
The zone definitions set out how they operate.
On the other hand, each zone has its own individual attributes, which allow further customisation of the zone's behaviour.
Program the zone attributes in the commands [110]-[141] (see section 5.3 "Zone Attributes").

Zone Definitions

[00] Null Zone
The zone is bypassed. Unused zones must be programmed as bypassed zones.

[01] Delayed Zone 1
This type of zone, normally used by entry/exit doors, can be violated during the exit delay period without causing an alarm. Once the exit delay has expired, opening the zone will start the entry delay counter. During the entry delay period, the keypad buzzer will sound a continuous tone to warn the user that the system should be disarmed. If the PC-732G® panel is disarmed before the entry delay expires, an alarm will not be generated. The entry delay time1 is programmed in the [151] command.

[02] Delayed Zone 2
The mode of operation is identical to that of Delayed Zone1, except that its time is programmed independently in the command [152].

[03] Delayed Zone 3
The mode of operation is identical to that of Delayed Zone1, except that its time is programmed independently in the command [153].

[04] Delayed Zone 4
The mode of operation is identical to that of Delay Zone1, except that its time is programmed independently in the command [154].

[05] Instant Zone
This zone type causes an instant alarm if violated when the PC-732G® panel is armed. Typically, this zone is used for windows, patio doors or other perimeter zones, and for glass break detectors.
This type of zone only works with the system armed.

[06] Safe / Access Control Area
The Safe/Access Control zone generates an instant arming on the partition to which it belongs at the moment the partition is restored. The timer "Auto Arming Partition with Safe/Access Control Zone" is used to arm the partition.
sets the maximum time a partition with safe/access control zones can remain disarmed, after which time the partition will be automatically armed. In order for the partition to be armed, the partition must be in the "Ready to Arm" condition. It is recommended that these partitions do not have "Force Arming" enabled.
Anti-Entruder System:
Working with Safe/Access Control zones, an infrared barrier can be installed behind a vehicle barrier, once the mobile passes through the infrared barrier the partition is armed, therefore, if a person or car wished to enter behind the car that has just entered, an alarm would be generated.

[07] 24 Hs Zone
If this zone is violated, an instant alarm will be generated, regardless of whether the system is armed or disarmed.

[08] Tamper Zone (24 Hs)
This type of zone is used to prevent dismantling/disassembly of devices in an alarm installation.
Triggering this zone will generate an instant alarm, regardless of whether the system is armed or disarmed.

[09] Assault Zone (24 Hs)
If this zone is violated, an instant alarm will be generated, regardless of whether the system is armed or disarmed.
Normally, this zone is configured as a quiet zone.

[10] Medical Emergency Area (24 Hs)
If this zone is violated, an instant alarm will be generated, regardless of whether the system is armed or disarmed.

[11] Fire Zone (24 Hs)
If this zone is violated, an instant alarm will be generated, regardless of whether the system is armed or disarmed. If the zone is short-circuited, an alarm will be generated, while if the zone is open, a fault will be generated.
This zone can be programmed with pulsed or temporary sound three times.
(See command [270], option [4] "Fire Siren Sound").

[12] Water Loss Zone (24 Hs)
This type of zone is used in places where flooding is to be prevented. If this zone is breached, an instant alarm will be generated, regardless of whether the system is armed or disarmed.

[13] Follower Zone
This zone will not cause an alarm if violated during an entry delay period. If the delay period expires, the zone will generate an alarm.
If the zone is tripped without the panel first being in the entry delay condition, an instant alarm will be generated.
This type of zone only works with the system armed.

[14] Inner and Follower Zone (Self-cancelling)
This zone will not cause an alarm if violated during an entry delay period. If the delay period expires, the zone will generate an alarm.
If the zone is tripped without the panel first being in the entry delay condition, an instant alarm will be generated.
Zones configured as indoor shall be self-canceling when the user arms the system in present mode, to allow free movement within the enclosure.

[15] Keyswitch Zone for Partition N° 1
Momentary violation of this zone will alternately arm or disarm the status of Partition N°1.

[16] Keyswitch zone for Partition N° 2
Momentary violation of this zone will alternately arm or disarm the status of Partition N°2.

5.3 Zone Attributes
Additional zone attributes can be programmed to make the operation of a zone for a specific application. The following attributes are programmable for each zone:
Swinger Shutdown: This attribute determines whether the zone will auto-cancel for reporting and siren triggering once its alarm counter limit is reached.
(See command [254] Zone Alarm Counter).

Bypassable: This attribute determines whether or not the zone can be manually bypassed (see section 3.6 Functional Keys).
Partition Assignment No. 1: This function defines the zone as belonging to the zone. to partition N° 1.
Partition Assignment No. 2: This function defines the zone as belonging to the zone.
This attribute determines whether the zone will activate (Audible) or not the alarm output (Silent).
Response rate: This attribute determines whether the zone operates at 50mS or 50mS. 500 mS. Zone Attributes are configured in Commands [110] - [141].

5.4 Cruce zones
The control panel includes a cross zone option that requires triggering on two or more zones within a programmable time period to initiate an alarm transmission sequence.
On the other hand, if the "Double trip on same zone" option is enabled, it will generate an alarm transmission sequence if the zone is violated twice during the programmed time period. It will also generate the same effect if the zone remains open for the entire time period programmed as "Cross Zone Time Interval". See Commands [142]-[145] and [163].

5.5 Zones of Group Inhibition
Zones defined as group inhibit zones can be automatically inhibited by pressing the [ ] key for more than 3 seconds. See Commands [146]-[149].

NOTE: Only available on KPD-860/KPD-860RF / G-LCD732/ G-LCD732RF keypads.

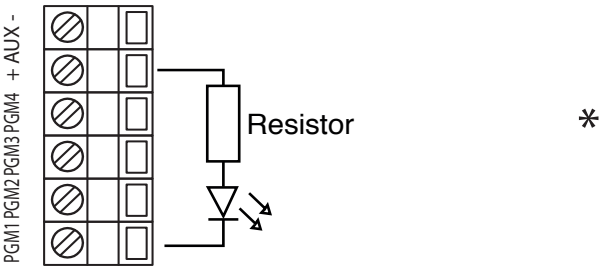
5.6 Keyboard Zone Assignment
Los teclados KPD-800/KPD-860/KPD-860RF/G-LED732/G-LCD732/G-LCD732RF have a zone input to which a device, such as a door contact, can be connected. (See Section 2.10 "Keypad Zone" for more information on wiring).
Once the keypad zones are installed, assign the zones in programming commands [200]-[207].

NOTE: If the zones assigned to the keypads are between the zones 1-8, they will override the PC-732G® backplane zones.

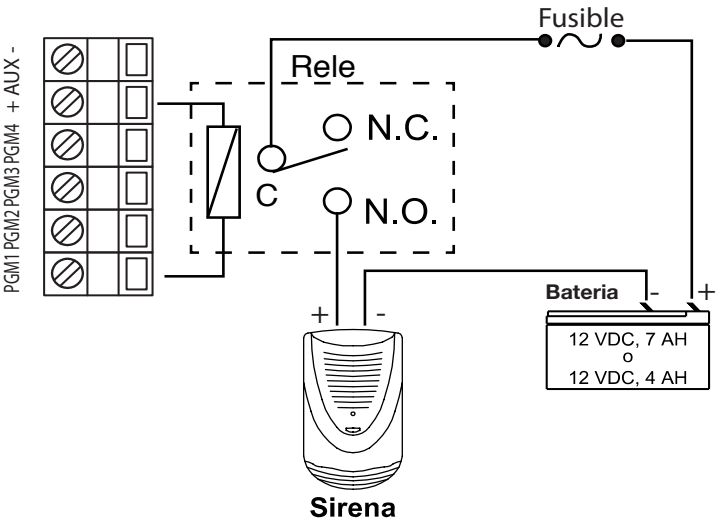
5.7 Download Information
The required Download Information software is AC4.
Downloading information can be done in 4 different ways:
• By means of a PC-Link adapter cable and the PC, without the need for a modem.
• Using the 3G-COM-G / 4G-MAX-G module as a programmer.
• Using the IP-500G module as a programmer.

5.8 PGM Output Options
Program the programmable outputs (PGM1 and PGM2 on the main board). by selecting one of the output options listed below.
[00] Partition No. 1 Armed Indication: The output will remain on as long as partition 1 is armed.
[01] Partition No. 2 Armed Indication: The output will remain active while partition 2 is armed.
[04] Output command held: The output can be used as a switch. Its change of state can be controlled via a keypad (see section 3.4 "[✱][7]" Keypad Control of Programmable Outputs"),
through the use of TX-500 keyfobs (have RF LCD Keypad), with the use of AC4 software or through the Garnet Control APP (have IP-500G/ 3G-COMG/ 4G-MAX-G communicator).
Note: The output can also be controlled by sending a text message via of the 3G-COM-G / 4G-MAX-G / 4G-MAX-G module.
[05] Output command Pulse: The output delivers a pulse. The pulse can be triggered via a keypad (see Section 3.5 "[ ][7]" Controlling Programmable Outputs by Keypad" on page 8), by using a telephone (See Section 6.0 "Telephone Remote Control" on page 12) or by using the AC4 software.
Note: The output can also be controlled by sending a text message to via 3G-COM-G / 4G-MAX-G module.
[07] Pulse on siren trigger: The PGM will pulse each time the siren is triggered. siren output is triggered.
[08] Partition Siren No. 1: The PGM becomes a partition siren. Each time an alarm occurs in that partition, the PGM will activate for the partition's programmed siren time period.
[09] Partition Siren No. 2: The PGM becomes a partition siren. Each time an alarm occurs in that partition, the PGM will activate for the partition's programmed siren time period.
[13] Mobile Data communication failure: The PGM shall be activated upon Mobile Data communication failure.
[15] Battery Failure: The PGM will activate in the event of a battery failure.
[16] Mains Failure: The PGM shall be activated in the event of a mains failure.
[17] Auxiliary Power Failure: The PGM will activate on Auxiliary Power Failure: The PGM will activate on Auxiliary Power Failure. auxiliary output power supply.
[18] Smoke Sensor Reset: The PGM will always remain on and turn off for 3 seconds after the [✱][7] command is entered (see section 3.5 "[✱][7"] Keypad Programmable Output Control").

5.9 Connection of PGMs - Wiring of an LED



Conexionado de PGM como Sirena de Interior



NOTE: PGM outputs cannot be completely disabled in installer programming. To completely disable a PGM output, you must remove all wiring from the PGM output.

5.10 Siren Output
The siren shall be silenced after the number of minutes programmed for the partition siren time.
Each partition has its own independent bell time (See commands [159]- [160]). The panel supervises the siren output in the event of a trip or short circuit condition.

5.11 Periodic Test Report
To ensure that the communication link with the monitoring station is functioning properly, program the panel to send a test signal periodically.
The test report can be programmed to send signals in minutes, hours or days (see command [360] option [1] "Test report transmission counters").

5.12 Armed System Follower Test Report
The panel can be programmed to send a follower test report during the time it is armed. This test can be programmed with a different period than the periodic test report. Normally, the period of this test is programmed in a shorter time than the periodic test, thus obtaining a greater check on the panels that are armed (See command [360] option [2] "Test report transmission counters").

5.13 Manual Test Report
The manual test report is generated by holding down the "0" key on the key for a period of time longer than three seconds.

5.14 Retransmission of Test Report and/or Network Failure in the event of a communication failure.
In many cases, when the power goes out in a certain area, the panels start transmitting mains failure to the monitoring station.
If the number of subscribers who need to report such an event is too high, collisions may occur, resulting in communication failures and the event cannot be sent successfully. To solve this problem, the panel can be programmed to retry to send the test report or network failure report after a specified time. The retransmission time is programmed in the command [170] "Re-Transmission Delay of Test and Network Failure Report on Failure to Send".

5.15 Fire, Medical and Panic Keys
Emergency keys are available on all keypads. These keys must be pressed and held for three seconds to activate. This delay is designed to prevent activation accidents. The emergency keys can be configured as audible or silent, independently and for each keypad (See commands [190]-[197] options [5], [6] and [7]).

5.16 Events Report
The PC-732G® panel stores the last 512 events that occurred on the system. The Event Memory contains the date and time of each event, along with the zone number, user number, and any other information pertaining to the event.

5.17 Zone Circuit Response
The normal circuit response time for all zones is 500 milliseconds. The PC-732G panel will not consider a zone violated unless it is violated for at least 500 milliseconds.
Zones 1-8 on the PC-732G panel board can be programmed for a fast circuit response (under 50 mS).
(See commands [110]-[115] option [8] "Response Speed").

5.18 Communication Scenarios
Your system has several means of communication for reporting, among these, we can highlight the possibility of reporting to different IP addresses, through the 3G-COM-G / 4G-MAX-G and IP-500G modules, sending notifications, etc. to the users and/or monitoring station, using the 3G-COM-G/ 4G-MAX module.
G. Communication scenarios are an orderly alternative way of organising communication communications.
The PC-732G® panel has 2 communication scenarios:
Call Scenario N° 1 (Reports with Backups): This scenario has one main output medium and seven different backup possibilities.
(See command [370] "Call Scenario No. 1").
Call Scenario No. 2 (Simultaneous Reporting): This scenario is used for the same event to go out by several different means of communication (see command [371] "Call Scenario No. 2").

5.19 How to operate communication scenarios
For ease of understanding, we will cite different examples of operation:

1) The system shall report the events to the monitoring centre through the 3G-COM-G / 4G-MAX-G module, via the Wifi network of the site, in case of not being able to report such events, it shall report through the same equipment by means of the cellular network (mobile data) of the chip, if the equipment has one.
This is a case of Scenario N°1, as it involves the use of backups.
Call scenario No. 1 is programmed in the command [370], its programming should be: [370] [4][3][5][0][0][0][0][0][0][0].
Position N°3 has the option [5] loaded, which indicates that the backups are terminated.

2) The system shall report the event to the monitoring centre and to the end user through the 3G-COM-G / 4G-MAX-G module, via the chip's cellular network (mobile data) simultaneously.
This is a case of Scenario N°2, as it must send an event by various means. Scenario N°2 is programmed in the command [371], its programming should be:
[371] [0][0][0][1][0][1][0][0].
Position N° 4 has a [1], which enables reporting by mobile data to monitoring, and position N° 6 enables reporting for the event to reach the end-user via the App.

NOTE: The format "Residential" is valid only for scenario N° 2.

5.20 Reset to Factory Defaults
Sometimes it will be necessary to reset the panel to Factory settings,
To do so, please follow the steps below:
1. Enter Installer Programming.
2. Enter the command [600].
3. Confirm that you wish to reset the panel programming by entering the [1] key.

SECTION 6: Programming wireless devices
The PC-732G® alarm panel has the ability to control up to 24 wireless sensors, 64 keyfobs and 4 PGM-W/MA-220G.
Compatible motion sensors are:
DGW-500 and DGW-500-PET for pet immunity.
The DGM-300 sensor is a wireless magnetic sensor with the ability to accept a second N/C loop with one or more external magnetic detectors. For more information, refer to their respective manuals.

NOTE: Programming of wireless devices can only be performed if has a KPD-860RF/G-LCD732RF keypad.

6.1 How to twin a wireless sensor
To twin a sensor, the following steps must be carried out:
1) Be sure to remove the battery from the sensor.
2) Press the [🔧] key on the keypad.
3) Select [7] RF Disp.
4) Enter the installer code.
5) Choose option [1] Grab Sensor.
6) Indicate the memory location where you want to record the device.
The positions
The available memory slots are 01-24.
7) The keypad will indicate that it is searching for the sensor.
8) Insert the battery into the sensor. Remember to check for correct polarity.
9) Wait for the keypad to confirm that the sensor has been successfully engraved.
and then press the [OK].
10) If you wish to continue recording more sensors, repeat the steps from point 6.
Otherwise, press the [#] key to exit the sensor recording option.

6.2 How to pair wireless key fobs
To twin a wireless key fob, the following steps must be carried out:
1) Press the [🔧] key on the keypad.
2) Select [7] RF Disp.
3) Enter the installer code.
4) Choose option [2] Record. Key Ring.
5) Indicate the memory location where you want to save the key fob. The memory locations memory available are 01-64.
6) Press and hold any key on the key fob and wait for the keypad to confirm.
your recording. Then press the [OK] key on the keypad.
7) If you wish to continue recording more key fobs, repeat the steps from option 5 onwards. If you wish to exit the key fob recording option, press the [OK] key.

6.3 How to remove wireless sensors
To remove a wireless sensor, the following steps shall be performed:
1) Press the [🔧] key on the keypad.
2) Select [7] RF Disp.
3) Enter the installer code.
4) Choose option [3] Delete Sens.
5) Indicate the memory location of the sensor to be deleted.
6) Confirm that you really want to delete this sensor by pressing the [1] key.
7) Press the [OK] key to accept the deleted sensor confirmation.
8) If you wish to continue deleting more sensors, repeat the steps from point 5.
Otherwise, press the [#] key to exit this option.

6.4 How to remove key rings
To delete a key fob, the following steps must be carried out:
1) Press the [program] key on the keypad.
2) Select [7] RF Disp.
3) Enter the installer code.
4) Choose option [4] Delete Key Fob. Key Ring.
5) Indicate the memory location of the sensor to be deleted.
6) Confirm that you really want to delete this sensor by pressing the [1] key.
7) Press the [OK] key to accept the deleted sensor confirmation.
8) If you wish to continue deleting more sensors, repeat the steps from point 5.
Otherwise, press the [#] key to exit this option.

6.5 How to verify the correct operation of a wireless sensor
To be sure that a wireless sensor is working correctly, the panel has a function that evaluates the level of Signal Strength (RSSI) with which the sensor transmits, in this way, you will be able to know the signal level with which the signals transmitted by each wireless sensor enabled in your installation arrive. To evaluate the signal strength of the wireless sensors, the following steps must be carried out:

1) Press the [program] key on the keypad.
2) Select [7] RF Disp.
3) Enter the installer code.
4) Choose option [5] Test. Sensor.
Each time a sensor generates a transmission, the keypad will indicate the zone where the sensor is working, the memory location where it is recorded and the signal level.

6.6 How to display the zones assigned to each sensor
In order to visualise the zones where the different wireless sensors work, the following steps must be carried out:
1) Press the [program] key on the keypad.
2) Select [7] RF Disp.
3) Enter the installer code.
4) Choose option [6] Zone Assign. Zones.
The keypad will inform you of the memory location where the sensor is stored and the assigned work zone. To switch to another sensor, use the [< >] scroll keys.

6.7 How to remove all sensors and/or key fobs
To remove all sensors or keyfobs from your system in one step, the following steps must be performed:
1) Press the [program] key on the keypad.
2) Select [7] RF Disp.
3) Enter the installer code.
4) Choose option [7] Delete All. All.
5) Choose to delete all sensors by pressing the [1] key or choose to delete all key fobs by pressing the [2] key.
6) Confirm that you really are sure to delete the selected devices
key and wait for the keypad to indicate that the deletion has been completed.
finished. Press the [OK] key to return to the RF Devices menu.

6.8 How to twin a PGM-W/MA-220G module
1) Make sure that the PGM-W module is without 12 V power supply.
2) Press the [🔧] key on the keypad.
3) Select [7] RF Disp.
4) Enter the installer code.
5) Choose option [8] Record PGM-W.
6) Enter the PGM-W number to be recorded (use the [< >] keys to enter the PGM-W number). select the desired PGM-W number). The available PGM-Ws are 1 to 4.
7) The keypad will indicate that it is searching for the device.
8) Power up the PGM-W module, then press the "SINGLE" button located on the upper left corner of the module.
9) Wait for the keypad to confirm that the PGM-W has been recorded correctly.
and then press the [#] key.
10) If you wish to continue recording other PGM-W modules, repeat the steps from point 6 onwards. Otherwise, press the [#] key to exit the PGM-W module recording option.

6.9 How to remove PGM-/MA-220G modules.
1) Press the [🔧] key on the keypad.
2) Select [7] RF Disp.
3) Enter the installer code.
4) Choose option [9] Delete PGM-W.
5) Enter the PGM-W number to be deleted (use the [< >] keys to enter the PGM-W number). select the desired PGM-W number)
6) Confirm that you really want to delete this module by pressing the [1] key.
7) Press the [OK] key to accept the confirmation of the deleted module.
8) If you wish to continue deleting more modules, repeat the steps from point 5.
Otherwise, press the [#] key to exit this option.

SECTION 8: Reporting Codes Transmitted in Contact ID and SIA

	Contact ID		SIA	
Type of Event	**New event or assembly**	**Restoration or Disassembly**	**New Event or Armed**	**Restoration or Disassembly**
Emergency Medical Key	1 1AA	3 1AA	MA	MH
Fire Emergency Key	1 115	3 115	FA	FH
Police Emergency Key	1 12A	3 12A	PA	PH
Disarmed by Coercion	1 121	-	HA	-
Zone Alarm	1 13A	3 13A	BA	BH
Perimeter Alarm	1 131	3 131	BA	BH
Indoor Zone Alarm	1 132	3 132	BA	BH
Alarm in Zone 24 Hs	1 133	3 133	BA	BH
Zone Alarm Input/Output	1 134	3 134	BA	BH
Tamper	1 137	3 137	TA	TH
Intruder Verification	1 139	-	BV	-
Unverified Alarm	1 378	-	BG	-
Assault	1 122	3 122	PA	PH
Flooding	1 154	3 154	WA	WH
Wireless sensor tamper	1 383	3 383	TA	TH
Keyboard Tamper (4)	1 145	3 145	TA	TH
Wireless Sensor Monitoring Failure	1 381	3 381	YX	YZ
Network Failure	1 3A1	3 3A1	AT	AR
Low Battery in Panel	1 3A2	3 3A2	YT	YR
System Reset	1 3A5	-	RR	-
Change of panel programming and/or keyboard texts	1 3A6	-	LS	-
System Shutdown	1 3A8	-	YX	-
Power supply Overloaded	1 312	3 312	YI	YJ
Siren circuit fault	1 321	3 321	YA	YH
Failure in Expander Module (3)	1 333	3 333	ET	ER
Failure in 3G-COM-G/4G-MAX-G	1 333	3 333	ET	ER
IP-500 failure	1 333	3 333	ET	ER
Communication failure	1 354	3 354	YC	YK
Jamming (3GCOM-G/4G-MAX-G)	1 344	3 344	HQ	XH
Weapon/Disarm	3 4AA	1 4AA	OP	CL
Weapon/Disarm User	3 4A1	1 4A1	OP	CL
Automatic Arming/Disarming	3 4A3	1 4A3	OA	CA
Late to assemble/disassemble	1 4A4	3 4A4	OJ	CJ
Cancellation	1 4A6	-	BC	-
Remote arming/disarming (1)	3 4A7	1 4A7	OQ	CQ
Key Arming/Disarming	3 4A9	1 4A9	OS	CS
Armed Present	3 441	-	OP	-
Early Arming/Disarming	3 451	1 451	OK	CK
Quick Arming/Disarming (2)	3 4A1	1 4A1	OP	CL
Auto-Arming Failure	1 455	-	CI	-
Recent closure	1459	-	CR	-
Zone Bypass	1 57A	3 57A	UB	UU
Group Bypass	1 574	3 574	BB	BU
Manual Test Report	1 6A1	-	RX	-
Periodic No-Fault Test Report	1 6A2	-	RP	-
Periodic Failure Test Report	1 6A8	-	RY	-
Follower Test Report	1 6A5	-	TX	-
Clock out of time	1 626	-	JT	-
Programming login	1 627	-	LB	-
Programming Output	1 628	-	LS	-
Clock Programming	1 3A6	-	JD	-
Mains Failure Auxiliary Source	1 342	3 342	AT	AR
Low battery Auxiliary Source	1 338	3 338	YT	YR
Link failure 3G-COM-G/4G-MAX-G	1 35A	3 35A	YC	YK
IP-500 Link failure	1 35A	3 35A	YC	YK
Low battery in wireless sensor	1 384	3 384	XT	XR
Fire Zone Failure	1 373	3 373	FT	FJ

Arming by 3G-COM-G / 4G-MAX-G is reported as user 70. Arming by local cable (PC-Link) is reported as user 75.
IP-500 arming is reported as user 80.
Quick arming/disarming is reported as user 0.
The keypad supervisory fault is identified by the zone/user number. For example, a keypad fault with address 1 is reported with the zone/user field equal to 1. A keypad with address 8 will be reported with the zone/user field equal to 8.
The monitoring faults of the expander modules are identified through the zone/user field and the reported values are 9 for expander1 to 11 for expander2.
Auxiliary source supervision fault is reported with zone/user field equal to 12.
3G-COM-G / 4G-MAX-G module failure is reported with the zone/user field equal 13. IP-500 Module failure is reported with zone/user field equal 14.
3G-COM-G / 4G-MAX-G Link failure is reported with zone/user field equal to 1.
IP-500 Link fault is reported with the zone/user field equal to 2.
The keypad tampers are identified in the field “zone/user number” and the reported values are 41 for the keypad with address 1 to 48 for the keypad with address 8.

SECTION 9: Programming parameters

Command Number 001: Master User Code (User No. 32)
Default values ----------> 1 2 3 4

0	0	1				
(1)	(2)	(3)	(4)			

Positions ---------->

Digit positions (1) - (4): Master User Code
The code must be 4 digits long. Valid values are 0-9. If you program the values [0000] the code will be overridden.

Command Number 003: Installer Code
Default values ----------> 5 5 5 5

0	0	3				
(1)	(2)	(3)	(4)			

Positions ---------->

Digit positions (1) - (4): Installer Code
The code must be 4 digits long. Valid values are 0-9

Command Number 004: Duress Code (Partition No. 1)
Default values ----------> 0 0 0 0

0	0	4				
(1)	(2)	(3)	(4)			

Positions ---------->

Digit positions (1) - (4): Duress Code
The code must be 4 digits long. Valid values are 0-9

Command Number 005: Duress Code (Partition No. 2)
Default values ----------> 0 0 0 0

0	0	5				
(1)	(2)	(3)	(4)			

Positions ---------->

Digit positions (1) - (4): Duress Code
The code must be 4 digits long. Valid values are 0-9

Command Number 012: Duress Code for Access Control.
Default values ----------> 0 0 0 0

0	1	2				
(1)	(2)	(3)	(4)			

Positions ---------->

Digit positions (1) - (4): Duress Code
The code must be 4 digits long. Valid values are 0-9

Command Number 017: Wired Programming Code (PC Link)
Default values ----------> 1 1 1 1

0	1	7				
(1)	(2)	(3)	(4)			

Positions ---------->

Digit positions (1) - (4): Programming Code (PC Link)
The code must be 4 digits long. Valid values are 0-9

Command Number 025: User Code Attributes Nº1
Default values ------> 1 0 0 0 1 1 1 0

0	2	5						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Digit position (1): Partition Assignment No. 1
0 = No Control Partition No. 1
1 = Controls Partition No. 1
Digit position (2): Partition Allocation No. 2
0 = No Control Partition No. 2
1 = Controls Partition No. 2
Digit position (3): Future Use
0 = Future Use
1 = Future Use
Digit position (4): Future Use
0 = Future Use
1 = Future Use
Digit position (5): Arming Enabled
0 = Arming Disabled
1 = Arming Enabled
Digit position (6): Disarming Enabling
0 = Disarmed Disabled
1 = Disarmed Enabled
Digit position (7): Enable Zone Bypass and Control PGMs
0 = Zone Bypass and PGM Control Disabled
1 = Zone Bypass and PGMs Control enabled
Digit position (8): Programming of User Codes and Keypad Texts
0 = No Program User Codes
1 = User Codes Programme

Note: The Commands 026 to 057 (User Code Functions) are programmed in the same way as Command No. 025.

Command Number 026: User Code No. 2 Attributes
Default values ----------> 1 0 0 0 1 1 1 0

0	2	6						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 027: User Code No. 3 Attributes
Default values ----------> 1 0 0 0 1 1 1 0

0	2	7						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 028: User Code No. 4 Attributes
Default values ----------> 1 0 0 0 1 1 1 0

0	2	8						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 029: User Code No. 5 Attributes
Default values ----------> 1 0 0 0 1 1 1 0

0	2	9						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 030: User Code Attributes No. 6
Default values ----------> 1 0 0 0 1 1 1 0

0	3	0						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 031: Attributes of User Code No 7
Default values ------> 1 0 0 0 1 1 1 0

0	3	1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 032: User Code Attributes No. 8
Default values ----------> 1 0 0 0 1 1 1 0

0	3	2						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 033: User Code Attributes No. 9
Default values ----------> 1 0 0 0 1 1 1 0

0	3	3						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 034: User Code Attributes No. 10.
Default values ----------> 1 0 0 0 1 1 1 0

0	3	4						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 035: User Code Attributes No. 11
Default values ----------> 1 0 0 0 1 1 1 0

0	3	5						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 036: User Code Attributes No. 12
Default values ----------> 1 0 0 0 1 1 1 0

0	3	6						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 037: User Code Attributes No. 13
Default values ----------> 1 0 0 0 1 1 1 0

0	3	7						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Positions ---------->

Command Number 038: User Code Attributes No 14

Positions	1	0	0	0	1	1	1	0
	0	3	8					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 039: User Code Attributes No. 15

Default values	1	0	0	0	1	1	1	0
	0	3	9					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 040: User Code Attributes No. 16

Default values	1	0	0	0	1	1	1	0
	0	4	0					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 041: User Code Attributes No 17

Default values	1	0	0	0	1	1	1	0
	0	4	1					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 042: User Code Attributes No 18

Default values	1	0	0	0	1	1	1	0
	0	4	2					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 043: User Code Attributes No. 19

Default values	1	0	0	0	1	1	1	0
	0	4	3					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 044: Attributes of User Code No. 20

Default values	1	0	0	0	1	1	1	0
	0	4	4					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 045: Attributes of User Code No 21

Default values	1	0	0	0	1	1	1	0
	0	4	5					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 046: User Code Attributes No. 22

Default values	1	0	0	0	1	1	1	0
	0	4	6					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 047: Attributes of User Code No 23

Default values	1	0	0	0	1	1	1	0
	0	4	7					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 048: User Code Attributes No 24

Default values	1	0	0	0	1	1	1	0
	0	4	8					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 049: User Code Attributes No. 25

Default values	1	0	0	0	1	1	1	0
	0	4	9					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 050: User Code Attributes No. 26

Default values	1	0	0	0	1	1	1	0
	0	5	0					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 051: User Code Attributes No. 27

Default values	1	0	0	0	1	1	1	0
	0	5	1					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 052: User Code Attributes No. 28

Default values	1	0	0	0	1	1	1	0
	0	5	2					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 053: User Code Attributes No. 29

Default values	1	0	0	0	1	1	1	0
	0	5	3					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 054: User Code Attributes No. 30

Default values	1	0	0	0	1	1	1	0
	0	5	4					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 055: User Code Attributes No. 31

Default values	1	0	0	0	1	1	1	0
	0	5	5					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 056: User Code Attributes No Nº 32 (Master)

Default values	1	1	0	0	1	1	1	1
	0	5	6					
Positions	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 070: Zone configuration Nº 1

Default values	0	1
	0	7	0		
Positions	(1)	(2)

Digit position (1) - (2):
00 = Nil Zone
01 = Delayed Zone 1
02 = Delayed Zone 2
03 = Delayed Zone 3
04 = Time Delay Zone 4 05 = Instantaneous Zone
06 = Safe/Access Control Zone 07 = 24 Hs Zone
08 = Tamper Zone (24 Hs)
09 = Assault Zone (24 Hs)
10 = Medical Emergency Zone (24 Hs)
11 = Fire Zone (24 Hs)
12 = Water Loss Zone (24 Hs)
13 = Follower Zone
14 = Inner and Follower Zone (Self-annulling)
15 = Keyswitch Zone Part No. 1
16 = Keyswitch Zone Part No. 2
17 = Future Use
18 = Future Use

Note: Commands 071 to 101 (Zone Configuration) are programmed as follows same way as Command No. 070.

Command Number 071: Zone No. 2 Configuration

Default values	1	4
	0	7	1		
Positions	(1)	(2)

Command Number 072: Zone No. 3 Configuration

Default values	0	5
	0	7	2		
Positions	(1)	(2)

Command Number 073: Zone No. 4 Configuration

Default values	0	5
	0	7	3		
Positions	(1)	(2)

Command Number 074: Zone No. 5 Configuration

Default values	0	5
	0	7	4		
Positions	(1)	(2)

Command Number 075: Zone No. 6 Configuration
Default values ----------> 0 5

0	7	5		

Positions ----------> (1) (2)

Command Number 076: Zone No. 7 Configuration
Default values ----------> 0 5

0	7	6		

Positions ----------> (1) (2)

Command Number 077: Zone No. 8 Configuration
Default values ----------> 0 5

0	7	7		

Positions ----------> (1) (2)

Command Number 078: Zone No. 9 Configuration
Default values ----------> 0 5

0	7	8		

Positions ----------> (1) (2)

Command Number 079: Zone Configuration No. 10
Default values ----------> 0 5

0	7	9		

Positions ----------> (1) (2)

Command Number 080: Zone No. 11 Configuration
Default values ----------> 0 5

0	8	0		

Positions ----------> (1) (2)

Command Number 081: Zone No. 12 Configuration
Default values ----------> 0 5

0	8	1		

Positions ----------> (1) (2)

Command Number 082: Zone No. 13 Configuration
Default values----------> 0 5

0	8	2		

Positions ----------> (1) (2)

Command Number 083: Zone Configuration No. 14
Default values ----------> 0 5

0	8	3		

Positions ----------> (1) (2)

Command Number 084: Zone Configuration No. 15
Default values ----------> 0 5

0	8	4		

Positions ----------> (1) (2)

Command Number 085: Zone Configuration No. 16
Default values ----------> 0 5

0	8	5		

Positions ----------> (1) (2)

Command Number 086: Zone Configuration No. 17
Default values ----------> 0 5

0	8	6		

Positions----------> (1) (2)

Command Number 087: Zone Configuration No. 18
Default values ----------> 0 5

0	8	7		

Positions ----------> (1) (2)

Command Number 088: Zone Configuration No. 19
Default values ----------> 0 5

0	8	8		

Positions ----------> (1) (2)

Command Number 089: Zone Configuration No. 20
Default values ----------> 0 5

0	8	9		

Positions ----------> (1) (2)

Command Number 090: Zone Configuration No. 21
Default values ----------> 0 5

0	9	0		

Positions ----------> (1) (2)

Command Number 091: Zone Configuration No. 22
Default values ----------> 0 5

0	9	1		

Positions ----------> (1) (2)

Command Number 092: Zone Configuration No. 23
Default values ----------> 0 5

0	9	2		

Positions ----------> (1) (2)

Command Number 093: Zone Configuration No. 24
Default values ----------> 0 5

0	9	3		

Positions ----------> (1) (2)

Command Number 094: Zone Configuration No. 25
Default values ----------> 0 5

0	9	4		

Positions ----------> (1) (2)

Command Number 095: Zone Configuration No. 26
Default values ----------> 0 5

0	9	5		

Positions ----------> (1) (2)

Command Number 096: Zone Configuration No. 27
Default values ----------> 0 5

0	9	6		

Positions ----------> (1) (2)

Command Number 097: Zone Configuration No. 28
Default values ----------> 0 5

0	9	7		

Positions ----------> (1) (2)

Command Number 098: Zone Configuration No. 29
Default values----------> 0 5

0	9	8		

Positions ----------> (1) (2)

Command Number 099: Zone Configuration No. 30
Default values ----------> 0 5

0	9	9		

Positions ----------> (1) (2)

Command Number 100: Zone Configuration No. 31
Default values----------> 0 5

1	0	0		

Positions ----------> (1) (2)

Command Number 101: Zone Configuration No. 32
Default values ----------> 0 5

1	0	1		

Positions ----------> (1) (2)

Command Number 102: Zone Configuration No. 1
Default values ----------> 1 1 1 0 0 0 1 0

1	1	0							

Positions ----------> (1) (2) (3) (4) (5) (6) (7) (8)

Digit position (1): Self-cancellation by Repeated Alarms
0 = Disabled
1 = Enabled
Digit position (2): Bypass Zone
0 = Zone cannot be Bypassed
1 = Zone can be Bypassed
Digit position (3): Partition Assignment No. 1
0 = Zone does not Belong to Partition No. 1
1 = Zone Belongs to Partition No. 1
Digit position (4): Partition Assignment Nº 2
0 = Zone does not Belong to Partition No. 2
1 = Zone Belongs to Partition No. 2
Digit Position (5): Future Use
0 = Future Use
1 = Future Use
Digit position (6): Future Use
0 = Future Use
1 = Future Use
Digit position (7): Sound
0 = Silent Zone
1 = Audible Zone
Digit position (8): Response Speed
0 = Slow Response (500 mS)
1 = Fast Response (50 mS)
Note: Commands 111 through 141 (Zone Attributes) are programmed in the same manner as Command No. 110.
same as Command No. 110.
Note: Only zones 1-6 can have fast response speed.

Command Number 111: Zone Configuration No. 2
Default values----------> 1 1 1 0 0 0 1 0

1	1	1							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 112: Zone Configuration No. 3
Default values ----------> 1 1 1 0 0 0 1 0

1	1	2							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 113: Zone Configuration No. 4
Default values ----------> 1 1 1 0 0 0 1 0

1	1	3							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 114: Zone Configuration No. 5
Default values----------> 1 1 1 0 0 0 1 0

1	1	4							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 115: Zone Configuration No. 6
Default values ----------> 1 1 1 0 0 0 1 0

1	1	5							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 116: Zone Configuration No. 7
Default values ----------> 1 1 1 0 0 0 1 0

1	1	6							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 117: Zone Configuration No. 8
Default values ----------> 1 1 1 0 0 0 1 0

1	1	7							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 118: Zone Configuration No. 9
Default values----------> 1 1 1 0 0 0 1 0

1	1	8							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 119: Zone Configuration No. 10
Default values ----------> 1 1 1 0 0 0 1 0

1	1	9							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 120: Zone Configuration No.11
Default values ----------> 1 1 1 0 0 0 1 0

1	2	0							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 121: Zone Configuration No. 12
Default values ----------> 1 1 1 0 0 0 1 0

1	2	1							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 122: Zone Configuration No. 13
Default values ----------> 1 1 1 0 0 0 1 0

1	2	2							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 123: Zone Configuration No. 14
Default values ----------> 1 1 1 0 0 0 1 0

1	2	3							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 124: Zone Configuration No. 15
Default values ----------> 1 1 1 0 0 0 1 0

1	2	4							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 125: Zone Configuration No. 16
Default values ----------> 1 1 1 0 0 0 1 0

1	2	5							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 126: Zone Configuration No. 17
Default values ----------> 1 1 1 0 0 0 1 0

1	2	6							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 127: Zone Configuration No. 18
Default values ----------> 1 1 1 0 0 0 1 0

1	2	7							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 128: Zone Configuration No. 19
Default values ----------> 1 1 1 0 0 0 1 0

1	2	8							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 129: Zone Configuration No. 20
Default values ----------> 1 1 1 0 0 0 1 0

1	2	9							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 130: Zone Configuration No. 21
Default values ----------> 1 1 1 0 0 0 1 0

1	3	0							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

Command Number 131: Zone Configuration No. 22
Default values ----------> 1 1 1 0 0 0 1 0

1	3	1							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

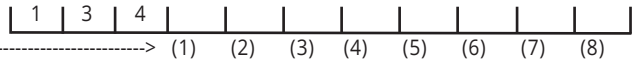
Command Number 132: Zone Configuration No. 23
Default values ----------> 1 1 1 0 0 0 1 0

1	3	2							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

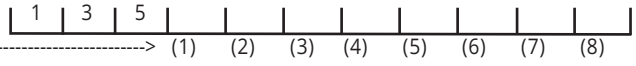
Command Number 133: Zone Configuration No. 24
Default values ----------> 1 1 1 0 0 0 1 0

1	3	3							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		

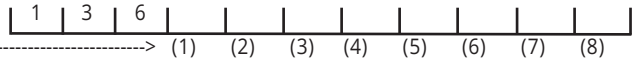
Command Number 134: Zone Configuration No. 25
Default values ----------> 1 1 1 0 0 0 1 0



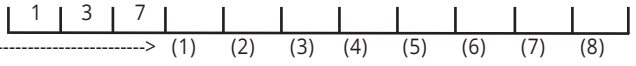
Command Number 135: Zone Configuration No. 26
Default values ----------> 1 1 1 0 0 0 1 0



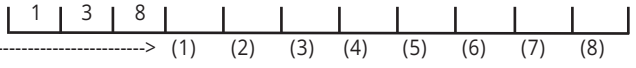
Command Number 136: Zone Configuration No. 27
Default values ----------> 1 1 1 0 0 0 1 0



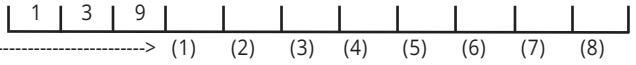
Command Number 137: Zone Configuration No. 28
Default values ----------> 1 1 1 0 0 0 1 0



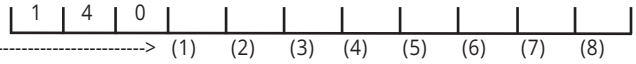
Command Number 138: Zone Configuration No. 29
Default values ----------> 1 1 1 0 0 0 1 0



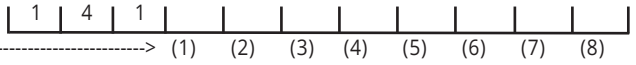
Command Number 139: Zone Configuration No. 30
Default values ----------> 1 1 1 0 0 0 1 0



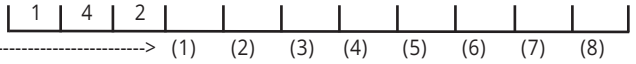
Command Number 140: Zone Configuration No. 31
Default values ----------> 1 1 1 0 0 0 1 0



Command Number 141: Zone Configuration No. 32
Default values ----------> 1 1 1 0 0 0 1 0



Command Number 142: Crossing Zones (1 to 8)
Default values ----------> 0 0 0 0 0 0 0 0

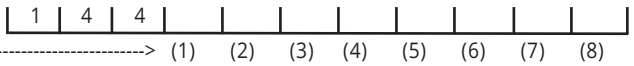


Digit position (1): Zone No. 1
0 = Disabled
1 = Enabled
Digit position (2): Zone No. 2
0 = Disabled
1 = Enabled
Digit position (3): Zone No. 3
0 = Disabled
1 = Enabled
Digit position (4): Zone No. 4
0 = Disabled
1 = Enabled
Digit position (5): Zone No. 5
0 = Disabled
1 = Enabled
Digit position (6): Zone No. 6
0 = Disabled
1 = Enabled
Digit position (7): Zone No. 7
0 = Disabled
1 = Enabled
Digit position (8): Zone No. 8
0 = Disabled
1 = Enabled
Note: Crossover zones only work in zones defined as Snapshots, Followers or Interiors.

Command Number 143: Crossing Zones (9 to 16)
Default values ----------> 0 0 0 0 0 0 0 0

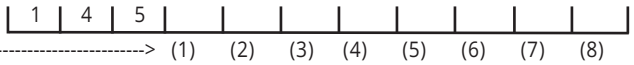
Digit position (1): Zone No. 9
0 = Disabled
1 = Enabled
Digit position (2): Zone No. 10
0 = Disabled
1 = Enabled
Digit position (3): Zone No. 11
0 = Disabled
1 = Enabled
Digit position (4): Zone No. 12
0 = Disabled
1 = Enabled
Digit position (5): Zone No. 13
0 = Disabled
1 = Enabled
Digit position (6): Zone No. 14
0 = Disabled
1 = Enabled
Digit position (7): Zone No. 15
0 = Disabled
1 = Enabled
Digit position (8): Zone No. 16
0 = Disabled
1 = Enabled
Note: Crossover zones only work in zones defined as Snapshots, Followers or Interiors.

Command Number 144: Crossing Zones (17 to 24)
Default values ----------> 0 0 0 0 0 0 0 0



Digit position (1): Zone No. 17
0 = Disabled
1 = Enabled
Digit position (2): Zone No. 18
0 = Disabled
1 = Enabled
Digit position (3): Zone No. 19
0 = Disabled
1 = Enabled
Digit position (4): Zone No. 20
0 = Disabled
1 = Enabled
Digit position (5): Zone No. 21
0 = Disabled
1 = Enabled
Digit position (6): Zone No. 22
0 = Disabled
1 = Enabled
Digit position (7): Zone No. 23
0 = Disabled
1 = Enabled
Digit position (8): Zone No. 24
0 = Disabled
1 = Enabled
Note: Crossing zones only work in zones defined as Snapshots, Followers or Interiors.

Command Number 145: Crossing Zones (25 to 32)
Default values ------> 0 0 0 0 0 0 0 0



Digit position (1): Zone No. 25
0 = Disabled
1 = Enabled
Digit position (2): Zone No. 26
0 = Disabled
1 = Enabled
Digit position (3): Zone No. 27
0 = Disabled
1 = Enabled
Digit position (4): Zone No. 28
0 = Disabled
1 = Enabled
Digit position (5): Zone No. 29

0 = Disabled
1 = Enabled
Digit position (6): Zone No. 30
0 = Disabled
1 = Enabled
Digit position (7): Zone No. 31
0 = Disabled
1 = Enabled
Digit position (8): Zone No. 32
0 = Disabled
1 = Enabled

Note: Crossover zones only work in zones defined as Snapshots, Followers or Interiors.

Command Number 146: Group Inhibition Zones (1 to 8)

Default values ---------->	0	0	0	0	0	0	0	0
1 4 6								
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Zone No. 1
0 = Disabled
1 = Enabled
Digit position (2): Zone No. 2
0 = Disabled
1 = Enabled
Digit position (3): Zone No. 3
0 = Disabled
1 = Enabled
Digit position (4): Zone No. 4
0 = Disabled
1 = Enabled
Digit position (5): Zone No. 5
0 = Disabled
1 = Enabled
Digit position (6): Zone No. 6
0 = Disabled
1 = Enabled
Digit position (7): Zone No. 7
0 = Disabled
1 = Enabled
Digit position (8): Zone No. 8
0 = Disabled
1 = Enabled

Command Number 147: Group Inhibition Zones (9 to 16)

Default values---------->	0	0	0	0	0	0	0	0
1 4 7								
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Zone No. 9
0 = Disabled
1 = Enabled
Digit position (2): Zone No. 10
0 = Disabled
1 = Enabled
Digit position (3): Zone No. 11
0 = Disabled
1 = Enabled
Digit position (4): Zone No. 12
0 = Disabled
1 = Enabled
Digit position (5): Zone No. 13
0 = Disabled
1 = Enabled
Digit position (6): Zone No. 14
0 = Disabled
1 = Enabled
Digit position (7): Zone No. 15
0 = Disabled
1 = Enabled
Digit position (8): Zone No. 16
0 = Disabled
1 = Enabled

Command Number 148: Group Inhibition Zones (17 to 24).

Default values ---------->	0	0	0	0	0	0	0	0
1 4 8								
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Zone No. 17
0 = Disabled
1 = Enabled
Digit position (2): Zone No. 18
0 = Disabled
1 = Enabled
Digit position (3): Zone No. 19
0 = Disabled
1 = Enabled
Digit position (4): Zone No. 20
0 = Disabled
1 = Enabled
Digit position (5): Zone No. 21
0 = Disabled
1 = Enabled
Digit position (6): Zone No. 22
0 = Disabled
1 = Enabled
Digit position (7): Zone No. 23
0 = Disabled
1 = Enabled
Digit position (8): Zone No. 24
0 = Disabled
1 = Enabled

Command Number 149: Group Inhibition Zones (25 to 32)

Default values ---------->	0	0	0	0	0	0	0	0
1 4 9								
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Zone No. 25
0 = Disabled
1 = Enabled
Digit position (2): Zone No. 26
0 = Disabled
1 = Enabled
Digit position (3): Zone No. 27
0 = Disabled
1 = Enabled
Digit position (4): Zone No. 28
0 = Disabled
1 = Enabled
Digit position (5): Zone No. 29
0 = Disabled
1 = Enabled
Digit position (6): Zone No. 30
0 = Disabled
1 = Enabled
Digit position (7): Zone No. 31
0 = Disabled
1 = Enabled
Digit position (8): Zone No. 32
0 = Disabled
1 = Enabled

Command Number 151: Entry Delay No. 1

Default values ---------->			0	3	0
1 5 1					
Positions ---------->	(1)	(2)	(3)		

Digit positions (1) - (3): Input Delay No. 1
The code must be 3 digits long. Valid values are from 000 to 255 seconds.

Command Number 152: Entry Delay No. 2

Default values---------->			0	3	0
1 5 2					
Positions ---------->	(1)	(2)	(3)		

Digit positions (1) - (3): Input Delay No. 2
The code must be 3 digits long. Valid values are from 000 to 255 seconds.

Command Number 153: Entry Delay No. 3
Default values ----------> 0 3 0

1	5	3			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Input Delay No. 3
The code must be 3 digits long. Valid values are from 000 to 255 seconds.

Command Number 154: Entry Delay No. 4
Default values ----------> 0 3 0

1	5	4			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Input Delay No. 4
The code must be 3 digits long. Valid values are from 000 to 255 seconds.

Command Number 155: Exit Delay Partition No. 1
Default values ----------> 0 6 0

1	5	5			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Exit Delay Partition N° 1
The code must be 3 digits long. Valid values are from 000 to 255 seconds.

Command Number 156: Exit Delay Partition No. 2
Default values ----------> 0 6 0

1	5	6			

Positions----------> (1) (2) (3)

Digit positions (1) - (3): Exit Delay Partition N° 2
The code must be 3 digits long. Valid values are from 000 to 255 seconds.

Command Number 159: Partition No. 1 Siren Time
Default values ----------> 0 0 5

1	5	9			

Positions----------> (1) (2) (3)

Digit positions (1) - (3): Partition Siren Time
The code must be 3 digits long. Valid values are from 000 to 255 minutes.

Command Number 160: Partition No. 2 Siren Time
Default values ----------> 0 0 5

1	6	0			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Partition Siren Time
The code must be 3 digits long. Valid values are from 000 to 255 minutes.

Command Number 163: Time Interval for Crossing Zones
Default values ----------> 0 3 0

1	6	3			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Time Window for Crossing Zones
The code must be 3 digits long. Valid values are from 000 to 255 seconds.
Note: If you program a time equal to 000, the crossing zones will never generate an alarm.

Command Number 165: Network Failure/Restore Transmission Delay
Default values ----------> 0 0 0

1	6	5			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Network Failure/Restore Transmission Delay
The code must be 3 digits long. Valid values are from 000 to 255 minutes.

Note: This delay has a tolerance of +/- one minute.

Command Number 166: Partition No. 1 Inactivity Arming Timeout
Default values ----------> 0 0 0

1	6	6			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Partition Inactivity Arming Time The code must be 3 digits long. Valid values are from 000 to 255 hours.
Note: If 000 is programmed, the inactivity arming will be cancelled.

Command Number 167: Partition No. 2 Inactivity Arming Timeout
Default values ----------> 0 0 0

1	6	7			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Partition Inactivity Arming Time The code must be 3 digits long. Valid values are from 000 to 255 hours.
Note: If 000 is programmed, the inactivity arming will be cancelled.

Command Number 170: Re-Transmission Delay of Test and Fault Reports Network in the event of a failure to send

Default values ----------> 0 3 0

1	7	0			

Positions ----------> (1) (2) (3)

Digit positions (1) - (3): Re-Transmit Delay Time
The code must be 3 digits long. Valid values are from 000 to 255 minutes.
Note: To cancel this command, it must be programmed with the digits 000

Command Number 172: PGM Pulse Time
Default values ----------> 0 0 5

1	7	2			

Positions ----------> (1) (2) (3)
The code must be 3 digits long. Valid values are from 000 to 255 seconds.

Command Number 173: Tamper Auto-Arming of Partition with Safe Zone/ Access Control.
Default values ----------> 0 3 0

1	7	3			

Positions ----------> (1) (2) (3)
The code must be three digits long. Valid values are from 000 to 255 seconds.
Note: If 000 is programmed, the function will be cancelled.

Command Number 174: Maximum time of disarmed partition or door open (Access Control)
Default values ----------> 0 0 0

1	7	4			

Positions----------> (1) (2) (3)
The code must be three digits long. Valid values are from 000 to 255 seconds.
Note: If 000 is programmed, the function will be cancelled.

Command Number 175: Electrolock pulse time.
Default values ----------> 0 0 3

1	7	5			

Positions ----------> (1) (2) (3)
The code must be three digits long. Valid values are from 000 to 255 seconds.

Command Number 178: PGM Configuration No. 1
Default values ----------> 0 0

1	7	8			

Positions ----------> (1) (2)

Digit position (1)- (2): PGM configuration No. 1
00 = Partition Indication No. 1 Enabled 01 = Partition Indication No. 2 Enabled
02 = Future Use
03 = Future Use
04 = Output Command “Hold”
05 = Output Command “Pulse”
06 = Future Use
07 = Pulse on Alarm Trigger
08 = Siren for Partition No. 1
09 = Siren for Partition No. 2
10 = Future Use
11 = Future Use
12 = Future Use
13 = Mobile Data Communication Failure
14 = Future Use
15 = Battery Failure
16 = Network Failure
17 = Auxiliary Power Failure
18 = Resetting Smoke Sensors
19 = Future Use
20 = Future Use
21 = Pulse in the face of coercion/entrapment
Note: Commands 179 through 181 (PGMS Configuration) are programmed in the

same manner as Command No. 178.
Default settings of PGMs 2-4: PGM No. 2 indicates Partition No. 2. Activated.

Command Number 179: PGM Configuration No. 2
Default values ----------> 0 1

1	7	9		

Positions ----------> (1) (2)

Command Number 182: PGM-W Configuration No. 1
Default values ----------> 0 0

1	8	2		

Positions ----------> (1) (2)
Digit position (1)- (2):
00 = Future Use
01 = Future Use
02 = Future Use
03 = Future Use
04 = Output Command "Maintained".
05 = Output Command "Pulse".
06 = Future Use
07 = Future Use
08 = Siren for Partition No. 1
09 = Siren for Partition No. 2
10 = Future Use
11 = Future Use

Note: Values from 12 to 20: Future Use.
Note: Commands 183 through 185 (PGM-Ws Configuration) are programmed in the same manner as Command No. 182.

Command Number 183: PGM-W Configuration No. 2
Default values ----------> 0 0

1	8	3		

Positions ----------> (1) (2)

Command Number 184: PGM-W Configuration No. 3
Default values ----------> 0 0

1	8	4		

Positions ----------> (1) (2)

Command Number 185: PGM-W Configuration No. 4
Default values ----------> 0 0

1	8	5		

Positions ----------> (1) (2)

Command Number 190: Keyboard Partitioning and Attribute Assignment No. 1
Default values ------> 1 0 0 0 1 0 0 0

1	9	0						

Positions ----------> (1) (2) (3) (4) (5) (6) (7) (8)

Digit position (1): Partition Assignment No.1
0 = Keypad Does Not Control Partition No. 1
1 = Keypad Controls Partition No. 1
Digit position (2): Partition Assignment No. 2
0 = Keypad Does Not Control Partition No. 2
1 = Keypad Controls Partition No. 2
Digit position (3): Future Use
0 = Future Use
1 = Future Use
Digit position (4): Future Use
0 = Future Use
1 = Future Use
Digit position (5): Fire Key
0 = Silent
1 = Audible
Digit position (6): Panic Key
0 = Silent
1 = Audible
Digit position (7): Emergency Medical Key
0 = Silent
1 = Audible
Digit position (8): Keypad Tamper
0 = Disabled
1 = Enabled

Note: Commands 191 to 197 (Partition Assignment and Keypad Attributes) are programmed in the same way as Command No. 190.

Command Number 191: Keyboard Partition and Attribute Assignment No. 2
Default values ----------> 1 0 0 0 1 0 0 0

1	9	1						

Positions ----------> (1) (2) (3) (4) (5) (6) (7) (8)

Command Number 192: Keyboard Partitioning and Attribute Assignment No. 3
Default values ----------> 1 0 0 0 1 0 0 0

1	9	2						

Positions----------> (1) (2) (3) (4) (5) (6) (7) (8)

Command Number 193: Partition Assignments and Keyboard Attributes No. 4
Default values ----------> 1 0 0 0 1 0 0 0

1	9	3						

Positions ----------> (1) (2) (3) (4) (5) (6) (7) (8)

Command Number 194: Keyboard Partitioning and Attribute Assignment No. 5
Default values ----------> 1 0 0 0 1 0 0 0

1	9	4						

Positions ----------> (1) (2) (3) (4) (5) (6) (7) (8)

Command Number 195: Partitioning and Keyboard Attribute Assignment No. 6
Default values ----------> 1 0 0 0 1 0 0 0

1	9	5						

Positions ----------> (1) (2) (3) (4) (5) (6) (7) (8)

Command Number 196: Partitioning and Keyboard Attribute Assignment No. 7
Default values ----------> 1 0 0 0 1 0 0 0

1	9	6						

Positions ----------> (1) (2) (3) (4) (5) (6) (7) (8)

Command Number 197: Keyboard Partitioning and Attribute Assignment No. 8
Default values----------> 1 0 0 0 1 0 0 0

1	9	7						

Positions ----------> (1) (2) (3) (4) (5) (6) (7) (8)

Command Number 200: Keypad Zone Assignment No. 1
Default values ----------> 0 0

2	0	0		

Positions ----------> (1) (2)

Digit position (1)- (2): Keypad Zone Assignment No. 1
The code must be 2 digits long. Valid values are 00 to 32.
With the value [00] the keypad zone will be bypassed.

Note: Commands 201 to 207 (Keypad Zone Assignment) are programmed in the same way as Command No. 200.

Command Number 201: Keypad Zone Assignment No. 2
Default values ----------> 0 0

2	0	1		

Positions ----------> (1) (2)

Command Number 202: Keypad Zone Assignment No. 3
Default values ----------> 0 0

2	0	2		

Positions----------> (1) (2)

Command Number 203: Keypad Zone Assignment No. 4
Default values ----------> 0 0

2	0	3		

Positions ----------> (1) (2)

Command Number 204: Keypad Zone Assignment No. 5
Default values ----------> 0 0

2	0	4		

Positions ----------> (1) (2)

Command Number 205: Keypad Zone Assignment No. 6
Default values ----------> 0 0

2	0	5		

Positions ----------> (1) (2)

Command Number 206: Keypad Zone Assignment No. 7
Default values ----------> 0 0

2	0	6		

Positions----------> (1) (2)

Command Number 207: Keypad Zone Assignment No. 8
Default values ----------> 0 0

2	0	7		

Positions ----------> (1) (2)

Command Number 220: Assign Zone No. to Module Input No. 1 Expander N° 1
Default values ----------> 0 0

2	2	0		

Positions ----------> (1) (2)

Digit position (1)- (2): Zone No. assignment to Expander Module Input No. 1 NO. 1. The code must be 2 digits long. Valid values are 00 to 32. With the value [00] the zone is bypassed.
Note: Commands 221 to 227 (Assign Zone No. to input No. 1 of expander module No. 1) are programmed in the same way as command No. 220.

Command Number 221: Zone No.Assign. to Input No. 2 of Expander Module No. 1
Default values----------> 0 0

2	2	1		

Positions----------> (1) (2)

Command Number 222: Zone No. Assignment to Input No. 3 of Expander Module No. 1
Default values----------> 0 0

2	2	2		

Positions ----------> (1) (2)

Command Number 223: Zone No. Assignment to Input No. 4 of Expander Module No. 1
Default values ----------> 0 0

2	2	3		

Positions ----------> (1) (2)

Command Number 224: Zone No. Assignment to Input No. 5 of Expander Module No. 1
Default values----------> 0 0

2	2	4		

Positions ----------> (1) (2)

Command Number 225: Zone No. Assignment to Input No. 6 of Expander Module No. 1
Default values----------> 0 0

2	2	5		

Positions ----------> (1) (2)

Command Number 226: Zone No. Assignment to Input No. 7 of Expander Module No. 1
Default values ----------> 0 0

2	2	6		

Positions ----------> (1) (2)

Command Number 227: Zone No. Assignment to Input No. 8 of Expander Module No. 1
Default values ----------> 0 0

2	2	7		

Positions ----------> (1) (2)

Command Number 228: Assignment of Zone No. to Module Input No. 1 Expander N° 2
Default values ----------> 0 0

2	2	8		

Positions ----------> (1) (2)

Digit position (1)-(2): Zone No. assignment to Input No. 1 of Expander Module No. 2. The code must be 2 digits long. Valid values are 00 to 32.
With the value [00] the zone is bypassed.
Note: Commands 229 to 235 (Assign Zone No. to Expander Module No. 2 Input No. 1 are programmed in the same manner as command No. 228.

Command Number 229: Zone No. Assignment to Input No. 2 of Expander Module No. 2
Default values ----------> 0 0

2	2	9		

Positions----------> (1) (2)

Command Number 230: Zone No. Assignment to Input No. 3 of Expander Module No. 2
Default values ----------> 0 0

2	3	0		

Positions----------> (1) (2)

Command Number 231: Zone No. Assignment to Input No. 4 of Expander Module No. 2
Default values ----------> 0 0

2	3	1		

Positions----------> (1) (2)
Command Number 232: Zone No. Assignment to Input No. 5 of Expander Module No. 2
Default values ----------> 0 0

2	3	2		

Positions ----------> (1) (2)

Command Number 233: Zone No. Assignment to Input No. 6 of Expander Module No. 2
Default values ----------> 0 0

2	3	3		

Positions----------> (1) (2)

Command Number 234: Zone No. Assignment to Input No. 7 of Expander Module No. 2
Default values ----------> 0 0

2	3	4		

Positions----------> (1) (2)

Command Number 235: Zone No. Assignment to Input No. 8 of Expander Module No. 2
Default values----------> 0 0

2	3	5		

Positions----------> (1) (2)

Command Number 236: Assignment of Zone No. to Module Input No. 1 Expander N° 3
Default values ----------> 0 0

2	3	6		

Positions----------> (1) (2)

Digit position (1)-(2): Zone No. assignment to Expander Module Input No. 1 NO. 3. The code must be 2 digits long. Valid values are 00 to 32.
Note: With the value [00] the zone is bypassed.
Note: Commands 237 to 243 (Assignment of zone no. to entry no. 1 of the module (module expander No. 3) are programmed in the same way as command No. 236.

Command Number 237: Zone No. Assignment to Input No. 2 of Expander Module No. 3
Default values ----------> 0 0

2	3	7		

Positions----------> (1) (2)

Command Number 238: Zone No. Assignment to Input No. 3 of Expander Module No. 3
Default values ----------> 0 0

2	3	8		

Positions----------> (1) (2)

Command Number 239: Zone No. Assignment to Input No. 4 of Expander Module No. 3
Default values ----------> 0 0

2	3	9		

Positions ----------> (1) (2)

Command Number 240: Zone No. Assignment to Input No. 5 of Expander Module No. 3
Default values----------> 0 0

2	4	0		

Positions ----------> (1) (2)

Command Number 241: Zone No. Assignment to Input No. 6 of Expander Module No. 3
Default values ----------> 0 0

2	4	1		

Positions ----------> (1) (2)

Command Number 242: Zone No. Assignment to Input No. 7 of Expander Module No. 3
Default values ----------> 0 0

2	4	2		

Positions----------> (1) (2)

Command Number 242: Zone No. Assignment to Input No. 7 of Expander Module No. 3
Default values ----------> 0 0

2	4	3		

Positions ----------> (1) (2)

Command Number 244: Auxiliary Failure Counter
Default values ----------> 0 8

2	4	4		

Positions ----------> (1) (2)

Digit position (1)- (2): Auxiliary Fault Counter.
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor the fault

Command Number 245: Auxiliary Fault Counter BUS-D485
Default values ----------> 0 8

2	4	5		

Positions----------> (1) (2)

Digit position (1)- (2): Battery Fault Counter BUS-D485
The code must be 2 digits long. Valid values are 00 to 16.
Note: If you program 00 the equipment will not monitor the Fault.

Command Number 246: Battery Failure Counter
Default values ----------> 0 8

2	4	6		

Positions ----------> (1) (2)

Posición de dígito (1)- (2): Battery Fault Counter
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor the fault.

Command Number 247: Siren Fault Counter
Default values ----------> 0 8

2	4	7		

Positions ----------> (1) (2)

Digit position (1)- (2): Siren Fault Counter
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor the fault.

Command Number 249: Fault Counter Expansion Modules Default
Default values ----------> 0 8

2	4	9		

Positions ----------> (1) (2)

Digit position (1)- (2): Counter Fault Expander modules
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor faults.

Command Number 250: Auxiliary Source Fault Counter (Supervisory, Mains and Low Battery Fault)
Default values----------> 0 8

2	5	0		

Positions ----------> (1) (2)

Digit position (1)- (2): Fault Counter Auxiliary source
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor faults.
Note: The programmed value is valid for Supervisory, Mains and Low Battery faults.

Command Number 252: IP-500 Module Fault Counter
Default values ----------> 0 8

2	5	2		

Positions ----------> (1) (2)

Digit position (1)- (2): IP-500 Module Fault Counter
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor the fault.

Command Number 253: Network Fault Counter
Default values ----------> 0 8

2	5	3		

Positions ----------> (1) (2)

Digit position (1)- (2): Counter Mains Failure
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor the fault.

Command Number 254: Alarm Counter in Zones
Default values ----------> 0 8

2	5	4		

Positions ----------> (1) (2)

Digit position (1)- (2): Alarm Counter in Zones
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not supervise the fault.

Command Number 256: Mobile Data Module Failure Counter (3G-COM-G / 4G-MAX-G)
Default values----------> 0 8

2	5	5		

Positions ----------> (1) (2)

Digit position (1)- (2): Counter Mobile Data Module Fault
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor the fault.

Command Number 259: Tamper Alarms Counter
Default values ----------> 0 8

2	5	6		

Positions ----------> (1) (2)

Digit position (1)- (2): Tamper Alarm Counter
The code must be 2 digits long. Valid values are 00 up to 16 events.
Note: If you program 00 the equipment will not monitor the fault.

Command Number 260: Partitioning Options No. 1

Default values ---------->	0	0	0	0	0	0	0	0
2 6 0								
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Bell Chirp in Away Arm
0 = Disabled
1 = Enabled
Digit position (2): Bell Chirp when Armed Present
0 = Disabled
1 = Enabled
Digit Position (3): Force Arming by Keypad, Keyswitch and Remote Controls
0 = Disabled
1 = Enabled
Digit position (4): Force Arming for Automatic and/or Remote Arming
0 = Disabled
1 = Enabled
Digit position (5): Future Use
0 = Reserved for Future Use.
1 = Reserved for Future Use.
Digit position (6): Future Use
0 = Reserved for Future Use
1 = Reserved for Future Use
Digit position (7): Enable Auto-Arm by No Movement Time (Inactivity)
0 = Disabled
1 = Enabled
Digit position (8): Future Use
0 = Reserved for Future Use.
1 = Reserved for Future Use.
Note: Commands 260 to 261 (Partitioning Options) are programmed in the same way as Command No. 260.

Command Number 261: Partitioning Options No. 2

Default values ---------->	0	0	0	0	0	0	0	0
2 6 1								
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Command Number 270: Panel Options (I)

Default values ---------->	0	0	0	0	0	0	0	0
2 7 0								
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Future Use
0 = Future Use
1 = Future Use
Digit position (2): Future Use
0 = Future Use
1 = Future Use
Digit position (3): TX-500 Keyfob Panic Siren Response
0 = Silent Panic
1 = Audible Panic
Digit position (4): Fire Siren Sound
0 = Pulsing
1 = Temporary 3
Digit position (5): Hide Police Emergency Message
0 = Disabled
1 = Enabled
Digit position (6): Siren Triggering by Wireless Sensor Tampers
0 = Disabled
1 = Enabled
Digit position (7): Activate Energy Saving Mode
0 = Disabled
1 = Enabled
Digit position (8): Installer's Code Lock
0 = Disabled
1 = Enabled

Command Number 271: Panel Options (II)

Default values ---------->	0	0	0	0	0	0	0	0
2 7 1								
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Bypass Zones Without Code
0 = Disabled
1 = Enabled
Digit position (2): Control of non-Code PGMs
0 = Disabled
1 = Enabled
Digit position (3): Quick Arming/Disarming
0 = Disabled
1 = Enabled
Digit position (4): Double Trigger (In the same zone)
0 = Disabled
1 = Enabled
Digit position (5): Siren Trigger between triggers for Crossing Zones
0 = Disabled
1 = Enabled
Digit position (6): Manual entry of card ID in the reader
0 = Disabled
1 = Enabled
Digit position (7): Future Use
0 = Future Use
1 = Future Use
Digit position (8): Future Use
0 = Future Use
1 = Future Use

Command Number 280: Automatic Arming Time of Partition No. 1

Default values ---------->	0	0	0	0
2 8 0				
Positions---------->	(1)	(2)	(3)	(4)

Digit positions (1) - (4): Automatic Arming Time of Part No. 1
Valid values are 0-9. Time must be entered in 24 HS format.
Note: Commands 280 to 281 (Automatic Partition Arming Time) are programmed in the same manner as Command No. 280.

Command Number 281: Automatic Arming Time of Partition No. 2

Default values ---------->	0	0	0	0
2 8 1				
Positions ---------->	(1)	(2)	(3)	(4)

Command Number 284: Partition No. 1 Automatic Disarming Time

Default values ---------->	0	0	0	0
2 8 4				
Positions ---------->	(1)	(2)	(3)	(4)

Digit positions (1) - (4): Automatic Disarming Time of Part No. 1
Valid values are 0-9. Time must be entered in 24 HS format.
Note: Commands 285 to 287 (Automatic Partition Disarming Time) are programmed in the same manner as Command No. 284.

Command Number 285: Partition No. 2 Automatic Disarm Time Defaults

Default values ---------->	0	0	0	0
2 8 5				
Positions---------->	(1)	(2)	(3)	(4)

Command Number 290: Automatic Arming Days of Partition No.1

Default values ---------->	0	0	0	0	0	0	0
2 9 0							
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)

Digit position (1): Monday
0 = Disabled
1 = Enabled
Digit position (2): Tuesday
0 = Disabled
1 = Enabled
Digit position (3): Wednesday
0 = Disabled
1 = Enabled
Digit position (4): Thursday
0 = Disabled
1 = Enabled
Digit position (5): Friday
0 = Disabled
1 = Enabled
Digit position (6): Saturday
0 = Disabled
1 = Enabled
Digit position (7): Sunday
0 = Disabled
1 = Enabled

Note: Commands 291 to 293 (Automatic Partition Arming Time) are programmed in the same way as Command No. 290.

Command Number 291: Automatic Arming Days of Partition No. 2

Default values ---------->	0	0	0	0	0	0	0	
	2	9	1					
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	

Command Number 294: Partition No. 1 Automatic Disarm Days

Default values---------->	0	0	0	0	0	0	0	
	2	9	4					
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	

Digit position (1): Monday
0 = Disabled
1 = Enabled
Digit position (2): Tuesday
0 = Disabled
1 = Enabled
Digit position (3): Wednesday
0 = Disabled
1 = Enabled
Digit position (4): Thursday
0 = Disabled
1 = Enabled
Digit position (5): Friday
0 = Disabled
1 = Enabled
Digit position (6): Saturday
0 = Disabled
1 = Enabled
Digit position (7): Sunday
0 = Disabled
1 = Enabled
Note: Commands 295 to 297 (Automatic partition arming time) are programmed in the same way as Command No. 294.

Command Number 295: Automatic Disarming Days of Partition No. 2

Default values ---------->	0	0	0	0	0	0	0	
	2	9	5					
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	

Command Number 298: Keypad Enablement

Default values ---------->	1	0	0	0	0	0	0	0
	2	9	8					
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Keyboard No. 1
0 = Disabled
1 = Enabled
Digit position (2): Keyboard No. 2
0 = Disabled
1 = Enabled
Digit position (3): Keyboard No. 3
0 = Disabled
1 = Enabled
Digit position (4): Keyboard No. 4
0 = Disabled
1 = Enabled
Digit position (5): Keyboard No. 5
0 = Disabled
1 = Enabled
Digit position (6): Keypad No. 6
0 = Disabled
1 = Enabled
Digit position (7): Keypad No. 7 / Access Control Part 1 & 2
0 = Disabled
1 = Enabled
Digit position (8): Keypad No. 8 / Access Control Part 3 & 4
0 = Disabled
1 = Enabled

Command Number 299: Module Enablement

Default values ---------->	0	0	0	0	0	0	0	0
	2	9	9					
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Enabling Expander module No. 1
0 = Disabled
1 = Enabled
Digit position (2): Enabling of Expander module No. 2
0 = Disabled
1 = Enabled
Digit position (3): Enabling of Expander Module No. 3
0 = Disabled
1 = Enabled
Digit position (4): Auxiliary Source Enabling
0 = Disabled
1 = Enabled
Digit position (5): Mobile Data Module Enable (3G-COM-G / 4G-MAX-G)
0 = Disabled
1 = Enabled
Digit position (6): Enable WiFi Module (IP-500)
0 = Disabled
1 = Enabled
Digit position (7): Reserved for Future Use
0 = Reserved for Future Use
1 = Reserved for Future Use
Digit position (8): Reserved for Future Use
0 = Reserved for Future Use
1 = Reserved for Future Use

Command Number 310: Subscriber Number For Partition No. 1 Events

Default values ---------->				0	0	0	0
	3	1	0				
Positions ---------->				(1)	(2)	(3)	(4)

Digit positions (1) - (4): Subscriber Number For Partition No. 1 Events
The code must be 4 digits long. Valid values are 0-F

Command Number 311: Subscriber Number For Partition No. 2 Events

Default values ---------->				0	0	0	0
	3	1	1				
Positions ---------->				(1)	(2)	(3)	(4)

Digit positions (1) - (4): Subscriber Number For Events of Partition No. 2
The code must be 4 digits long. Valid values are 0-F

Command Number 314: Subscriber Number System Events

Default values ---------->	0	0	0	0	0	0		
	3	1	4					
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)		

Digit positions (1) - (6): Subscriber Number System Events
The code must be 6 digits long. Valid values are 0-F

Command Number 340: Time of First Test Report Transmission Newspaper

Default values ---------->				0	0	0	0
	3	4	0				
Positions ---------->				(1)	(2)	(3)	(4)

Digit positions (1) - (4): Time of First Test Report Transmission Valid values are 0-9.
The time must be entered in 24 Hs format.

Command Number 345: Reports 1

Default values ------>	1	1	1	1	1	1	1	1
	3	4	5					
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Digit position (1): Alarm Reporting/Zone Restoration/Police Verification
0 = Do Not Report
1 = Report Using Scenario No. 1
2 = Report Using Scenario No. 2
Digit position (2): Zone Alarm Cancellation Report Same options as in Zone Alarm/Restore Alarm Report
Digit position (3): Emergency Key Report
Same Options as Alarm Reporting/Restore in Zones
Digit position (4): Coercion Reporting
Same Options as Alarm Reporting/Restore in Zones
Digit position (5): Zone Inhibit/Disinhibit Report Same options as in Zone Alarm/Restore Report
Digit position (6): User Activation/Deactivation Report Same options as in Zone Alarm/Restore Report

Digit position (7): Keyswitch Activation/Deactivation Report Same options as in Zone Alarm/Restore Report
Digit position (8): Network Failure/Restore Report Digit position (8): Network Fault/Restore Report Same Options as Alarm Reporting/Restore in Zones

Command Number 346: Reports 2
Default values ----------> 1 1 1 1 1 1 1 1

3	4	6							
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Digit position (1): Battery Fault/Restore Report
0 = Do Not Report
1 = Reports Using Scenario No. 1
2 = Reports Using Scenario No. 2
Digit position (2): Future Use
Digit position (3): Future Use
Digit position (4): Fault Report/Restore Sensor-RF monitoring Same options as in Fault Report/Battery Restore.
Digit position (5): Sensor -RF Low Battery Report Same options as Battery Fault/Restore Report
Digit position (6): Programming Input / Output Report Same options as Battery Fault/Restore Report
Digit position (7): Clock Programming Report Same options as Battery Fault/Restore Report Digit position (8): Keypad Tamper / RF Sensor Report Same options as Battery Fault/Restore Report
Digit position (8): Keypad Tamper / RF Sensor Report Same options as Battery Fault/Restore Report

Command Number 347: Reports 3

Default values ----------> 1 1 1 1 1 1 1 1

3	4	7							
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Digit position (1): Periodic Test Report Report (Manual and Automatic)
0 = Do Not Report
1 = Reports Using Scenario No. 1
2 = Report Using Scenario No. 2
Digit position (2): Follower Test Report Report Same options as in Periodic Test Report Report
Digit position (3): Auxiliary Failure
Same options as in Periodic Test Report Report
Digit position (4): Auto Arming/Auto Disarming Report Same options as in Periodic Test Report Report Report
Digit position (5): Auto Arming Inactivity Timeout Report or no movement Same options as Periodic Test Report Report
Digit position (6): Manual Test Report Same options as in the Periodic Test Report Report
Digit position (7): Fault Report Siren Output Same options as in the Periodic Test Report Report Report
Digit position (8): Fault Report Keypad / Expander / Auxiliary Source supervision and Jamming Same options as in Periodic Test Report Report

Command Number 350: Future Use.

Command Number 360: Test Report Transmission Counters
Default values ----------> 1 0 0 0

3	6	0				
Positions---------->	(1)	(2)	(3)	(4)		

Digit position (1): Periodic Test Transmission Counter
0 = Counter in Minutes
1 = Counter in Hours
2 = Counter in Days
Digit position (2): Test Transmission Counter Tracker
0 = Counter in Minutes
1 = Counter in Hours
2 = Counter in Days
Digit Position (3): Reserved for Future Use
0 = Future Use
1 = Future Use
2 = Future Use
Digit Position (4): Reserved for Future Use
0 = Future Use
1 = Future Use
2 = Future Use
Command Number 361: Telephone Test Report Time Interval
Default values ----------> 0 2 4

3	6	1			
Positions ---------->	(1)	(2)	(3)		

Digit positions (1) - (3): Time interval of the Telephone Test Report
The command must be 3 digits long. Valid values are from 000 to 255
Note: Set 000 to cancel the Periodic Test report.

Command Number 362: Follower Test Report Time Interval
Default values ----------> 0 0 0

3	6	2			
Positions ---------->	(1)	(2)	(3)		

Digit positions (1) - (3): Time interval of the Tracker Test Report
The command must be 3 digits long. Valid values are from 000 to 255

Command Number 370: Call Scenario No. 1 (Reports with Backups)
Default values ----------> 0 5 0 0 0 0 0 0

3	7	0							
Positions ---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Digit position (1): Main output medium
0 = Future Use
1 = Future Use
2 = Future Use
3 = Reports to Mobile Data Monitoring (3G-COM-G / 4G-MAX-G)
4 = Report to WiFi monitoring
5 = End of Backups
Digit position (2): First Main Output Media Backup
Digit position (3): Second Main Output Media Backup
Digit position (4): Third Main Output Media Backup
Digit position (5): Fourth Main Output Media Backup
Digit position (6): Fifth Main Output Media Backup
Digit position (7): Sixth Main Output Media Backup
Digit position (8): Seventh Main Output Media Backup Same options as in Main Output Media

Command Number 371: Call Scenario No. 2 (Simultaneous Reporting)
Default values ----------> 0 0 0 0 0 0 0 0

3	7	1							
Positions---------->	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	

Digit position (1): Future Use
0 = Future Use
1 = Future Use
Digit position (2): Future Use
0 = Future Use
1 = Future Use
Digit position (3): Transmit via SMS - Residential
0 = Disabled
1 = Enabled
Digit position (4): Reports to Mobile Data Monitoring (3G-COM-G / 4G-MAX-G)
0 = Disabled
1 = Enabled
Digit position (5): Report to WiFi monitoring (IP-500G)
0 = Disabled
1 = Enabled
Digit position (6): IP-Residential (IP-500G)
0 = Disabled
1 = Enabled
Digit position (7): Future Use
0 = Future Use
1 = Future Use
Digit position (8): Future Use
0 = Future Use
1 = Future Use

Command Number 400: Zone Assignment for Wireless Sensor in Memory Location No. 1
Default values----------> 0 0

4	0	0		
Positions ---------->	(1)	(2)		

Digit positions (1) - (2): Zone number for sensor recorded in memory location 1
The command must be 2 digits long. Valid values are from 00 to 32
Note: Commands 401 through 423 (Zone Assignment for Wireless Sensors) are programmed in the same manner as Command No. 400.
Important: Only keypads with Address 1, 2, 3, and 4 function as receivers.

Command Number 401: Zone Assignment for Wireless Sensor in Memory Location No. 2
Default values ----------> 0 0

4	0	1		

Positions ----------> (1) (2)

Command Number 402: Zone Assignment for Wireless Sensor in Memory Location No. 3
Default values----------> 0 0

4	0	2		

Positions ----------> (1) (2)

Command Number 403: Zone Assignment for Wireless Sensor at Memory location No. 4
Default values----------> 0 0

4	0	3		

Positions ----------> (1) (2)

Command Number 404: Zone Assignment for Wireless Sensor at Memory Location No. 5
Default values ----------> 0 0

4	0	4		

Positions ----------> (1) (2)

Comando Número 405: Asignación de Zona para Sensor inalámbrico en posición de Memoria Nº 6
Default values ----------> 0 0

4	0	5		

Positions ----------> (1) (2)

Command Number 406: Zone Assignment for Wireless Sensor in Memory location No. 7
Default values ----------> 0 0

4	0	6		

Positions ----------> (1) (2)

Command Number 407: Zone Assignment for Wireless Sensor at Memory Location No. 8
Default values ----------> 0 0

4	0	7		

Positions ----------> (1) (2)

Command Number 408: Zone Mapping for Wireless Sensor in Memory location No. 9
Default values ----------> 0 0

4	0	8		

Positions ----------> (1) (2)

Command Number 409: Zone Assignment for Wireless Sensor in Memory location No. 10
Default values ----------> 0 0

4	0	9		

Positions ----------> (1) (2)

Command Number 410: Zone Assignment for Wireless Sensor in Memory location No. 11
Default values ----------> 0 0

4	1	0		

Positions ----------> (1) (2)

Command Number 411: Zone Assignment for Wireless Sensor in Memory location No. 12
Default values----------> 0 0

4	1	1		

Positions ----------> (1) (2)

Command Number 412: Zone Assignment for Wireless Sensor at Memory Location No. 13
Default values ----------> 0 0

4	1	2		

Positions ----------> (1) (2)

Command Number 413: Zone Assignment for Wireless Sensor in Memory location No. 14
Default values ----------> 0 0

4	1	3		

Positions ----------> (1) (2)

Command Number 414: Zone Mapping for Wireless Sensor in Memory location No. 15
Default values ----------> 0 0

4	1	4		

Positions ----------> (1) (2)

Command Number 415: Zone Assignment for Wireless Sensor in Memory location No. 16
Default values ----------> 0 0

4	1	5		

Positions ----------> (1) (2)

Command Number 416: Zone Assignment for Wireless Sensor in Memory location No. 17
Default values ----------> 0 0

4	1	6		

Positions ----------> (1) (2)

Command Number 417: Zone Assignment for Wireless Sensor at Memory Location No. 18
Default values ----------> 0 0

4	1	7		

Positions ----------> (1) (2)

Command Number 418: Zone Assignment for Wireless Sensor at Memory Location No. 19
Default values ----------> 0 0

4	1	8		

Positions ----------> (1) (2)

Command Number 419: Zone Assignment for Wireless Sensor in Memory location No. 20
Default values ----------> 0 0

4	1	9		

Positions ----------> (1) (2)

Command Number 420: Zone Assignment for Wireless Sensor at Memory Location No. 21
Default values ----------> 0 0

4	2	0		

Positions ----------> (1) (2)

Command Number 421: Zone Assignment for Wireless Sensor in Memory location No. 22
Default values ----------> 0 0

4	2	1		

Positions ----------> (1) (2)

Command Number 422: Zone Assignment for Wireless Sensor in Memory location No. 23
Default values ----------> 0 0

4	2	2		

Positions ----------> (1) (2)

Command Number 423: Zone Assignment for Wireless Sensor in Memory location No. 24
Default values ----------> 0 0

4	2	3		

Positions ----------> (1) (2)

Command Number 430: Remote Control Functions for Memory location No. 1
Default values ----------> 0 0 0 0

4	3	0				

Positions----------> (1) (2) (3) (4)

Digit position (1): Functions of Button No.1 Memory position No.1
0 = Arm / Disarm (absent) Partition No. 1
1 = Arm / Disarm (absent) Partition No. 2
2 = Future Use
3 = Future Use
4 = Panic Partition No. 1
5 = Panic Partition No. 2
6 = Future Use
7 = Future Use
8 = Controls PGM 1
9 = Controls PGM 2
Digit position (2): Functions of Button No. 2 Memory position No. 1 Same options as in digit position No. 1
Digit position (3): Functions of Button No. 3 Memory position No. 1 Same options as in digit position No. 1
Digit position (4): Life Button Functions
0 = Supervised medical emergency of Partition N° 1
1 = Supervised medical emergency of Partition No. 2
2 = Future Use
3 = Future Use
4 = Supervised silent police emergency of Partition N° 1
5 = Supervised silent police emergency of Partition N° 2
6 = Future Use
7 = Future Use
8 = Supervised audible police emergency from Partition No. 1
9 = Supervised audible police emergency from Partition No. 2

A = Future Use
B = Future Use

Note: Commands 431 through 493 (Remote Control Functions in Memory Position) are programmed in the same manner as Command No. 430.
Note: To arm in present mode, press and hold the arming button until the blue light turns off.

Command Number 431: Remote Control Functions for Memory Location No. 2
Default values ----------> 0 0 0 0

4	3	1				

Positions ----------> (1) (2) (3) (4)

Command Number 432: Remote Control Functions for Memory location No. 3
Default values ----------> 0 0 0 0

4	3	2				

Positions----------> (1) (2) (3) (4)

Command Number 433: Remote Control Functions for Memory location No. 4
Default values ----------> 0 0 0 0

4	3	3				

Positions----------> (1) (2) (3) (4)

Command Number 434: Remote Control Functions for Memory location No. 5
Default values ----------> 0 0 0 0

4	3	4				

Positions ----------> (1) (2) (3) (4)

Command Number 435: Remote Control Functions for Memory location No. 6
Default values ----------> 0 0 0 0

4	3	5				

Positions ----------> (1) (2) (3) (4)

Command Number 436: Remote Control Functions for Memory location No. 7
Default values ----------> 0 0 0 0

4	3	6				

Positions ----------> (1) (2) (3) (4)

Command Number 437: Remote Control Functions for Memory location N° 8
Default values ----------> 0 0 0 0

4	3	7				

Positions----------> (1) (2) (3) (4)

Command Number 438: Remote Control Functions for Memory location N° 9
Default values ----------> 0 0 0 0

4	3	8				

Positions ----------> (1) (2) (3) (4)

Command Number 439: Remote Control Functions for Memory location N° 10
Default values ----------> 0 0 0 0

4	3	9				

Positions----------> (1) (2) (3) (4)

Command Number 440: Remote Control Functions for Memory location No. 11
Default values ----------> 0 0 0 0

4	4	0				

Positions ----------> (1) (2) (3) (4)

Command Number 441: Remote Control Functions for Memory Location No. 12
Default values ----------> 0 0 0 0

4	4	1				

Positions----------> (1) (2) (3) (4)

Command Number 442: Remote Control Functions for Memory location No. 13
Default values ----------> 0 0 0 0

4	4	2				

Positions ----------> (1) (2) (3) (4)

Command Number 443: Remote Control Functions for Memory location No. 14
Default values ----------> 0 0 0 0

4	4	3				

Positions ----------> (1) (2) (3) (4)

Command Number 444: Remote Control Functions for Memory location No. 15
Default values ----------> 0 0 0 0

4	4	4				

Positions ----------> (1) (2) (3) (4)

Command Number 445: Remote Control Functions for Memory location No. 16
Default values ----------> 0 0 0 0

4	4	5				

Positions----------> (1) (2) (3) (4)

Command Number 446: Remote Control Functions for Memory location No. 17
Default values ----------> 0 0 0 0

4	4	6				

Positions----------> (1) (2) (3) (4)

Command Number 447: Remote Control Functions for Memory location N° 18
Default values ----------> 0 0 0 0

4	4	7				

Positions ----------> (1) (2) (3) (4)

Command Number 448: Remote Control Functions for Memory Location No. 19
Default values ----------> 0 0 0 0

4	4	8				

Positions ----------> (1) (2) (3) (4)

Command Number 449: Remote Control Functions for Memory location No. 20
Default values ----------> 0 0 0 0

4	4	9				

Positions ----------> (1) (2) (3) (4)

Command Number 450: Remote Control Functions for Memory Location No. 21
Default values ----------> 0 0 0 0

4	5	0				

Positions ----------> (1) (2) (3) (4)

Command Number 451: Remote Control Functions for Memory location No. 22
Default values ----------> 0 0 0 0

4	5	1				

Positions ----------> (1) (2) (3) (4)

Command Number 452: Remote Control Functions for Memory location No. 23
Default values ----------> 0 0 0 0

4	5	2				

Positions ----------> (1) (2) (3) (4)

Command Number 453: Remote Control Functions for Memory Location No. 24
Default values ----------> 0 0 0 0

4	5	3				

Positions ----------> (1) (2) (3) (4)

Command Number 454: Remote Control Functions for Memory Location No. 25
Default values ----------> 0 0 0 0

4	5	4				

Positions ----------> (1) (2) (3) (4)

Command Number 455: Remote Control Functions for Memory location No. 26
Default values ----------> 0 0 0 0

4	5	5				

Positions ----------> (1) (2) (3) (4)

Command Number 456: Remote Control Functions for Memory location No. 27
Default values ----------> 0 0 0 0

4	5	6				

Positions----------> (1) (2) (3) (4)

Command Number 457: Remote Control Functions for Memory location No. 28
Default values ----------> 0 0 0 0

4	5	7				

Positions ----------> (1) (2) (3) (4)

Command Number 458: Remote Control Functions for Memory location No. 29
Default values ----------> 0 0 0 0

4	5	8				

Positions ----------> (1) (2) (3) (4)

Command Number 459: Remote Control Functions for Memory location N° 30
Default values ----------> 0 0 0 0

4	5	9				

Positions ----------> (1) (2) (3) (4)

Command Number 460: Remote Control Functions for Memory location No. 31
Default values ----------> 0 0 0 0

4	6	0				

Positions ----------> (1) (2) (3) (4)

Command Number 461: Remote Control Functions for Memory location No. 32
Default values ----------> 0 0 0 0

4	6	1				

Positions ----------> (1) (2) (3) (4)

Command Number 462: Remote Control Functions for Memory location No. 33
Default values ----------> 0 0 0 0

4	6	2				

Positions ----------> (1) (2) (3) (4)

Command Number 463: Remote Control Functions for Memory location No. 34
Default values ----------> 0 0 0 0

4	6	3				

Positions ----------> (1) (2) (3) (4)

Command Number 464: Remote Control Functions for Memory location No. 35
Default values ----------> 0 0 0 0

4	6	4				

Positions ----------> (1) (2) (3) (4)

Command Number 465: Remote Control Functions for Memory location No. 36
Default values ----------> 0 0 0 0

4	6	5				

Positions ----------> (1) (2) (3) (4)

Command Number 466: Remote Control Functions for Memory location No. 37
Default values ----------> 0 0 0 0

4	6	6				

Positions----------> (1) (2) (3) (4)

Command Number 467: Remote Control Functions for Memory location N° 38
Default values ----------> 0 0 0 0

4	6	7				

Positions ----------> (1) (2) (3) (4)

Command Number 468: Remote Control Functions for Memory location No. 39
Default values ----------> 0 0 0 0

4	6	8				

Positions----------> (1) (2) (3) (4)

Command Number 469: Remote Control Functions for Memory location No. 40
Default values ----------> 0 0 0 0

4	6	9				

Positions ----------> (1) (2) (3) (4)

Command Number 470: Remote Control Functions for Memory location No. 41
Default values ----------> 0 0 0 0

4	7	0				

Positions ----------> (1) (2) (3) (4)

Command Number 471: Remote Control Functions for Memory Location No. 42
Default values ----------> 0 0 0 0

4	7	1				

Positions ----------> (1) (2) (3) (4)

Command Number 472: Remote Control Functions for Memory location No. 43
Default values ----------> 0 0 0 0

4	7	2				

Positions ----------> (1) (2) (3) (4)

Command Number 473: Remote Control Functions for Memory location No. 44
Default values ----------> 0 0 0 0

4	7	3				

Positions ----------> (1) (2) (3) (4)

Command Number 474: Remote Control Functions for Memory location No. 45
Default values ----------> 0 0 0 0

4	7	4				

Positions ----------> (1) (2) (3) (4)

Command Number 475: Remote Control Functions for Memory location No. 46
Default values ----------> 0 0 0 0

4	7	5				

Positions ----------> (1) (2) (3) (4)

Command Number 476: Remote Control Functions for Memory location No. 47
Default values ----------> 0 0 0 0

4	7	6				

Positions----------> (1) (2) (3) (4)

Command Number 477: Remote Control Functions for Memory location No. 48
Default values ----------> 0 0 0 0

4	7	7				

Positions ----------> (1) (2) (3) (4)

Command Number 478: Remote Control Functions for Memory location No. 49
Default values ----------> 0 0 0 0

4	7	8				

Positions----------> (1) (2) (3) (4)

Command Number 479: Remote Control Functions for Memory location No. 50
Default values ----------> 0 0 0 0

4	7	9				

Positions ----------> (1) (2) (3) (4)

Command Number 480: Remote Control Functions for Memory location No. 51
Default values ----------> 0 0 0 0

4	8	0				

Positions ----------> (1) (2) (3) (4)

Command Number 481: Remote Control Functions for Memory location No. 52
Default values ----------> 0 0 0 0

4	8	1				

Positions ----------> (1) (2) (3) (4)

Command Number 482: Remote Control Functions for Memory location No. 53

Default values ---------->				0	0	0	0
	4	8	2				
Positions ---------->				(1)	(2)	(3)	(4)

Command Number 483: Remote Control Functions for Memory location No. 54

Default values ---------->				0	0	0	0
	4	8	3				
Positions---------->				(1)	(2)	(3)	(4)

Command Number 484: Remote Control Functions for Memory location No. 55

Default values ---------->				0	0	0	0
	4	8	4				
Positions ---------->				(1)	(2)	(3)	(4)

Command Number 485: Remote Control Functions for Memory Location No. 56

Default values ---------->				0	0	0	0
	4	8	5				
Positions ---------->				(1)	(2)	(3)	(4)

Command Number 486: Remote Control Functions for Memory location No. 57

Default values ---------->				0	0	0	0
	4	8	6				
Positions ---------->				(1)	(2)	(3)	(4)

Command Number 487: Remote Control Functions for Memory location No. 58

Default values ---------->				0	0	0	0
	4	8	7				
Positions---------->				(1)	(2)	(3)	(4)

Command Number 488: Remote Control Functions for Memory location No. 59

Default values ---------->				0	0	0	0
	4	8	8				
Positions---------->				(1)	(2)	(3)	(4)

Command Number 489: Remote Control Functions for Memory location No. 60

Default values ---------->				0	0	0	0
	4	8	9				
Positions---------->				(1)	(2)	(3)	(4)

Command Number 490: Remote Control Functions for Memory location No. 61

Default values ---------->				0	0	0	0
	4	9	0				
Positions ---------->				(1)	(2)	(3)	(4)

Command Number 491: Remote Control Functions for Memory location N° 62

Default values ---------->				0	0	0	0
	4	9	1				
Positions ---------->				(1)	(2)	(3)	(4)

Command Number 492: Remote Control Functions for Memory Location No. 63

Default values ---------->				0	0	0	0
	4	9	2				
Positions ---------->				(1)	(2)	(3)	(4)

Command Number 493: Remote Control Functions for Memory location No. 64

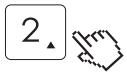
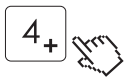
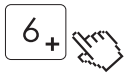
Default values ---------->				0	0	0	0
	4	9	3				
Positions ---------->				(1)	(2)	(3)	(4)

Command Number 600: Reset Programming to Factory Defaults.

	6	0	0				

FAULT TABLE (LED Keypad only)

[*][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 number.
indicating the fault.

Indication	Fault	Press	Detail	
Led Z1	**Low batery**		**Led Z1:** Low panel battery **Led Z2:** Low battery Auxiliary Source	
Led Z2	**Power failures**		**Led Z1:** Panel Network Fault **Led Z2:** Auxiliary Fault **Led Z3:** Auxiliary Data Bus Failure **Led Z4:** Auxiliary Supply Network Failure	
Led Z3	**Clock Failure**			
Led Z4	**Module failures**		**Led Z1:** Fault exp module Nº 1 **Led Z2:** Fault exp module Nº 2 **Led Z3:** Fault exp module Nº 3 **Led Z4:** Mobile Data Module Failure	**Led Z5:** IP-500G module failure **Led Z6:** Auxiliary power supply failure **Led Z8:** Siren failure
Led Z5	**Communication Failures**		**Led Z3:** Communication failure (esc1) **Led Z4:** Mobile Data Communication Failure	**Led Z5:** SMS-Residential Communication Failure **Led Z6:** Communication failure IP-500G **Led Z7:** IP-Residential Communication Failure
Led Z6	**Keyboard top failures**		**Led Z1:** Tech supervision failure Nº 1 **Led Z2:** Tech supervision failure Nº 2 **Led Z3:** Tech supervision failure Nº 3 **Led Z4:** Tech supervision failure Nº 4	**Led Z5:** Tech supervision failure no. 5 **Led Z6:** Tech supervision failure no. 6 **Led Z7:** Tech supervision failure no. 7 **Led Z8:** Tech supervision failure no. 8
Led Z7	**Link failures**		**Led Z1:** 3G-COM-G / 4G-MAX-G link failure **Led Z2:** IP-500G link failure	
Led Z8	**Keyboard Tamper**		**Led Z1:** Tamper tec Nº 1 **Led Z2:** Tamper tec Nº 2 **Led Z3:** Tamper tec Nº 3 **Led Z4:** Tamper tec Nº 4	**Led Z5:** Tamper tec Nº 5 **Led Z6:** Tamper tec Nº 6 **Led Z7:** Tamper tec Nº 7 **Led Z8:** Tamper tec Nº 8

NATIONAL WARRANTY: Alonso Hnos. Sirenas S.A. (Garnet Technology) warrants to the original purchaser that for a period of 18 months from the date of purchase, the product is free from defects in materials and workmanship under normal use. During the warranty period, Alonso Hnos Sirenas S.A., decides whether to repair or replace any defective product. Any replacement or repaired part is warranted for the remainder of the original warranty or ninety (90) days, whichever is longer. The original owner must promptly notify Alonso Hnos. Sirenas S.A. in writing that there is a defect in material or workmanship, such written notice must be received in all events prior to the expiration of the warranty period. There is absolutely no warranty of any kind on software. The purchaser assumes all responsibility for the proper selection, installation, operation and maintenance of any product purchased from Alonso Hnos. Sire- nas S.A.

INTERNATIONAL GUARANTEE: The guarantee for international customers is the same as for any customer in Argentina, with the exception that Alonso Hnos. Sirenas S.A. will not be responsible for any customs costs, transport and/or taxes or duties that may be applied.

WARRANTY PROCEDURE: To obtain service under this warranty, please return the item(s) in question to the point of purchase. All authorized distributors have a warranty program. Anyone returning items to Alonso Hnos. Sirenas S.A. must first obtain an authorization number. Alonso Hnos. Sirenas S.A. will not accept any return shipments without first obtaining an authorization number through the RMA process.

FACTORS THAT VOID THE WARRANTY: THIS WARRANTY APPLIES ONLY TO DEFECTS IN MATERIALS AND WORKMANSHIP RELATING TO NORMAL USE.
IT DOES NOT COVER:
• Damage incurred in the handling of shipment or transport.
• Damage caused by disasters such as fire, flood, wind, earthquake or lightning, etc...
• Damage due to causes beyond the control of Alonso Hnos Sirenas S.A., such as excessive voltage, mechanical shock or water damage.
• Damage caused by unauthorised couplings, alterations,
modifications or foreign objects.
• Damage caused by peripherals (unless the peripherals were supplied by Alonso Hnos. Sirenas S.A.).
• Defects caused by failure to provide a suitable environment for the installation of the products.
• Damage caused by the use of products for purposes other than those for which they were designed.
• Damage due to improper maintenance.
• Damage caused by other abuse, mishandling or improper application of the products.

ITEMS NOT COVERED BY THE WARRANTY: In addition to the items that cancel the Warranty, the following items will not be covered by the Warranty:
(I) Freight cost to the repair centre;
(II) Products which are not identified with the Alonso product label
Hnos Sirenas S.A. and its batch number or serial number;
(III) Products that have been disassembled or repaired in a manner that adversely affects performance or does not permit proper inspection or testing to verify any warranty claim;
(IV) Products not covered by this warranty, or otherwise outside the scope of this warranty, are not covered by this warranty.
warranty due to age, misuse or damage will be evaluated and an estimate for repair will be provided. No repair work will be performed until a valid purchase order submitted by the Customer is received and a Return Merchandise Authorisation (RMA) number is issued.

Sirenas S.A.'s liability for failure to repair the product under this warranty after a reasonable number of attempts shall be limited to a replacement of the product. In no event shall Alonso Hnos. Sirenas S.A., be liable for any special, incidental or consequential damages based on breach of warranty, breach of contract, negligence, strict liability or any other legal theory. Such damages shall include, but not be limited to, loss of profits, loss of products or any associated equipment, cost of capital, cost of substitutes or replacement equipment, facilities or services, downtime, purchaser's time, the claims of third parties, including customers, and property damage. The laws of some jurisdictions limit or do not allow the disclaimer of consequential damages. If the laws of such jurisdiction are applicable to any claim by or against Alonso Hnos Sirenas S.A., the limitations and disclaimers contained herein shall be the broadest permitted by law. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.

DISCLAIMER OF WARRANTIES: This warranty contains the entire warranty and shall prevail over all other warranties and all other warranties, whether expressed or implied (including all warranties implied on the goods or intended for a particular purpose) and all other obligations or liabilities on the part of Alonso Hnos. Sirenas S.A., who neither assumes nor authorizes any other person to act on its behalf, to modify or change this warranty, nor to assume any other warranty or liability concerning this product. This limited warranty disclaimer is governed by the government and laws of the province of Buenos Aires, Argentina.

WARNING: Alonso Hnos. Sirenas S.A. recommends that the entire system be fully tested for integrity on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal sabotage or electrical interruption, it is possible that this product may fail to operate as expected. Out of Warranty Alonso Hnos Sirenas S.A. will elect to replace or repair out of warranty products that are returned to its factory in accordance with the following conditions: Anyone returning products to Alonso Hnos. Sirenas S.A. must first obtain an authorization number. Alonso Hnos. Sirenas S.A. will not accept any shipment without an authorization number first. Products that Alonso Hnos. Sirenas S.A. determines to be repairable will be repaired and returned. A fixed charge, which Alonso Hnos. Sirenas S.A. has predetermined and which will be reviewed from time to time, is required for each unit repaired. Products that Alonso Hnos. Sirenas S.A. determines to be unrepairable will be replaced with the most equivalent product available at that time. The current market price of the replacement product will be charged for each unit replaced.

NOTES

INSTALL_PC-732G_V1

Rev. 28/03/2023

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