**CAPTAIN 6**

6-Zone Intruder Alarm System



**User Guide**

System ver. 6.0

**Quick Reference**

| **Key** | **Enter the Master code and press the key to...**  | **Press the key for 2 seconds to...** |
| --- | --- | --- |
|  | Arm to full mode, disarm |  |
|  | Display the log | Auto-scroll the log |
|  | Temporarily bypass zones  | - |
|  | Arm to “Home” mode |  |
|  | - | Display the Chime zones |
|  | Set the telephone numbers | - |
|  | Set time and date  | - |
|  | Set the codes | - |
|  | Set the chime per zone | Chime ON/Off |
|  | Set auto-arming by day and inactivity | Entry delay ON/Off  |
|  | - | Reset smoke detectors |
|  | - | Silence the keypad buzzer when it beeps  |
|  | Display the system’s name & version | Display the system’s name & version |
|  | Initiate system tests | - |
|  | - | Display the system’s name & version |
| + | Press for 2 seconds to generate a PANIC alarm |
| + | Press briefly: turn ON/OFF the keypad’s chime  |

**Factory default codes**

Master: 5555

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# General

Congratulations on your purchase of the Captain 6 Alarm System. Much care has been taken in developing the Captain 6 alarm system, which will provide you with unprecedented peace of mind.

The Captain 6 user-friendly operation and advanced features will professionally protect your home or business.

It is important to familiarize yourself with the Captain 6 Alarm System in order to take full advantage of the complete range of the Captain 6 features.

To assure optimum safety and security, test your Alarm System regularly every week. See how in section .

## Main features

Supports 6 alarm zones

Various ways to arm and disarm the system: manually, automatically, using a key switch, remote control and RFID keychain/tag

2 operating modes: Full or Home (Away)

Up to 3 customer’s phone numbers and 4 Monitoring Station’s

Keypad types: LCD (RXN-400/410), LED (RX-6/406) and Anti-vandal (RXN-200)

Up to six different keypads, connected in parallel

System Events is registered in memory (40 non-volatile)

Various operating codes: Master Code, up to eight User Codes, and Short Code

Up to 2 partitions

User Code #8 can function as DURESS code

Optional temporary bypass of zones

“Chime” mode per zone: operates the keypad buzzer when a zone is opened (e.g., to monitor a back door when system is disarmed)

Built-in phone communicator: dialer (private & CMS)

Integrated Long-Range Radio and Cellular Transmitters

Inhibit system from arming in case of failure (optional)

Short-keys for DURESS and FIRE codes

Built-in 2-way audio VOX and push-to-talk alarm communication

Supports 32 wireless zones and 16 wireless keys (without using a zone slot)

Full 32-character programmable phrases

Enlarged keypad buttons

5 programmable function keys

Intuitive clock programming

Input/Output terminals can be programmed to operate as zone inputs or programmable outputs

Individual FAP keys

Easy wireless device enrollment process

2 PGM outputs\*

Template programming

17 user codes

128 event buffer

1 partition

CP-01 compliant

\* I/0 terminals can be configured as zone inputs or PGM outputs; when configured as PGMs, outputs are 50 mA

## Signs and conventions in this guide

|  |  |
| --- | --- |
|  | Press a key briefly |
|  | Press a key for 2 seconds, until confirmation beep is sounded |
|  | Warning |
|  | Note |
|  | In programming mode, moves the cursor to the right. |
|  | In programming mode, moves the cursor to the left. |
|  | Enter, Save |
|  | In programming mode, enables (‘+’) or disables (‘-‘) a parameter; erase character. |
|  | Press briefly: Cancel; Return.Press for 2 seconds: Silence the keypad chime in faults. |
|  | The numbers that are printed above and below the keypad’s screen stand for zone numbers and partition numbers. |

## Safety Instructions

Your Captain 6 alarm system has been registered in accordance with EN60950 and its rules. EN 60950 requires us to advise you the following:

1. The alarm system as well as its wiring should be placed in a hidden and safe location, protected from rain or moisture.
2. The alarm system may have hazards of electric shock and fire. Do not try to open the alarm system’s case: dangerous high voltages are present inside it. Refer servicing to qualified personnel only.
3. This alarm system should be used with 230VAC 50Hz, protected by anti-electric shock breaker. To prevent electric shocks and fire hazards, do NOT use any other power source

## System codes

### Master Code

The Master code is a super user code with all the access authorizations.

It is mainly used for changing the “Master Code” itself.

The default factory Master Code is 5555.

|  |  |
| --- | --- |
|  | Replace the default Master code immediately after installation to prevent unauthorized and illegal operations. |

### User codes

The User code is the user’s ID. It includes the User details, access authorizations, disarming time frame and it is reported and logged together with any action the User is taking.

A User can have access to only some parts of the user menu, i.e., to set only some parameters.

A User code is made of 4-6 digits. Up to 8 User codes can be programmed.

### Short Code

A convenient, 2-digit code, used only for arming the system.

### Duress Code

* A code for using in distress situations.
* Entering the code disarms the system when armed and generates a silent alarm to the Monitoring Station (if one is a subscriber) and to your phone.
* The code is a 4-6 digit code.

## The LCD Keypads

### Models

RXN-400, RXN-410 and RXN-410 RFID are PIMA’s LCD keypads.

They are designed for maximum simplicity and durability and present decorative and pleasant design.

The RXN-400 & RXN-410 are identical, except for their screen size: the 410 has a larger screen.

|  |  |
| --- | --- |
|  | * Up to 8 supervised keypads can be connected to the system simultaneously.
* The message “Other Keypad in Use” is displayed when another keypad is in use, or when the system is remotely controlled.
 |

|  |  |
| --- | --- |
| 1. RXN-400. Screen size: 15x60 mm
 | 1. RXN-410. Screen size: 23x97 mm
 |

|  |  |
| --- | --- |
| **Warning** | **Both keypads must be powered by nominal 12VDC (9-13.8VDC) from limited power source power supply. Compliant with Clause 2.5 of EN 60950-1:2006 Standard.** |

## The keypad description



1. LCD screen

The information onscreen is displayed in 2 lines: the upper line displays the time and date, faults and system actions; the lower line displays the zones status.

**System status indicatores**:
P: The system is communicating or testing the phone line.
T: The system is reporting to via radio.

* Zone indicators:
**-** Closed zone
**\_** Open zone
B Bypassed zone
A Alarm zone (zone triggering alarm)
C Chime zone
F Failed zone (disconnected or shorten)

# ARming & DISARming the system (Key #1)

The system can be armed in one of 3 ways:

1. Via the keypad;
2. Automatically;
3. Using a key fob, key switch and RFID tag/keychain;

As a rule, arming should be carried out only when all the zones are closed - no zone is indicated with a rectangle \_ - except those on the exit route, and there are no alarms (e.g., fire, panic) or faults (e.g., low battery).

Zones like exit doors and areas near the keypad are delayed on the exit and the entry, so whoever arms (or disarms) the system will have enough time to walk from the keypad to the door, (or the other way) without triggering any detector.

The Exit & Entry delays are separate and programmed by the Installer. The Installer can also program two different Entry delays to different zones.

## Arming to full mode

To fully arm the alarm system[[1]](#footnote-1):

 User code **-OR-** Short code (arming only code)Exit delay... **-OR-**

 Master code   

## Arming to the Home mode (Key #4)

“HOME” is an arming mode, in which only some zones are armed, while others are not: while the armed zones sound the alarm if violated, the disarmed zones can be occupied at the same time.

Common applications for the Home mode are perimeter detectors and nighttime zones.

The zones that are part of the Home mode are set by the Installer and require no hardware installation.

To arm the alarm system to the HOME mode:

 until the keypad sounds a long confirmation tone User code **-OR-** Short code  **-OR-**

 Master code    the Exit delay countdown is running... 

## Disarming

 User code  **-OR-**

 Master code   

Note that arming with the Master code when one of the partitions is already armed, will arm the second partition as well; entering the code when both partitions are armed will disarm the entire system*.*

## Arming/disarming per partition

The users are allocated to partition #1 or #2 or both, by the technician. Allocating a user to a partition gives the user authorization to arm and disarm that partition only.

Arming a partition is done the same as arming to full mode. See section ‎2.1.

|  |  |
| --- | --- |
|  | * All keypads connected to the system share the same display.
* The installer can program the system, so arming with a fault will be disabled.
 |

# The MEmory (KEY #2)

 Master code   

To scroll the log,  & 

To auto-scroll the log,   in the main screen.

To exit 

# Temporarily Bypassing zones (KEY #3)

|  |  |
| --- | --- |
|  | * Bypassing zones reduces the safety of your protected premises: a bypassed zone does not sound the alarm when violated, nor does it report the Monitoring Center!
* It should be used carefully, only if there is no alternative and only for the shortest possible time.
* If you bypass a zone due to a fault, a service technician should be called;
* Beware not to bypass zones unintentionally;
* Bypassing zones is logged by the system;
* Zones can be bypassed only when the system is disarmed: in advance or while arming;
* All manually bypassed zones are automatically reinstated the next time the system is disarmed.
 |

## Using the Master code

 Master code    zone number  the bypassed zone (#4 in this example) is indicated with “B” (bypassed) in the “Select” screen bypass another zone or 

To manually reinstate a zone (cancel bypassing), repeat the process.

A service technician can permanently bypass a zone, such in the case of a zone that no longer needs to be protected.

## Using a User code

   User code  and proceed as in the “Using the Master code” section.

# Programming the phone numbers (key #6)

 Master code    enter the first number   enter the second and third numbers OR 

Up to three telephone numbers can be programmed.

To delete a number repeat the steps and  in the number screen.

When an alarm is set off, the system calls each number twice and sounds an alarm tone.

If the system’s phone line is connected behind a PBX or phone system, type an asterisk between the prefix digit and the number, e.g. 9\*5555555.

An alternative to the alarm tone, the system can play a pre-recorded message using
the VU-20U message module, which can be purchased separately. Consult your installer.

A microphone (MIC-200. Must be purchased separately) can also be used for listen-in.

# Programming time & date (key #8)

 Master code    enter the time in the format HH:MM   enter the date in the format YY MM DD 

Setting the correct time and date is crucial to ensure proper functioning of your CAPTAIN 6 alarm system.

If the time is not set, e.g. after a power failure, the Red Fault LED flashes and the message “Clock” is displayed.

# Programming codes (key #9)

## Programming the Master code

 Master code      4-6 digit number 

## Programming a User code

 Master code       4-6 digit number   set User #2 code OR 

## Deleting a User code

 Master code    to the desired User   

For example: to delete User #5 code - Master code   X5    

## Programming the Short code

 Master code       2-digit number 

To delete the code, repeat the steps and  in the code screen.

# Programming the auto-arming

 Master code    set the daily auto-arming time in the format HH:MM  

To cancel the auto-arming repeat the steps and  in the time screen.

# Programming Chime zones (KEY \*)

 Master code    enter a zone number  the bypassed zone/s (#2 and #6 in this example) are indicated with “C” (Chime) in the “Select” screen program another zone or 

To cancel a chime zone, repeat the process.

The chime is a useful feature to monitor doors and windows, especially with little children and in shops.

Every time a Chime zone is opened, the keypad sounds a series of beeps.

# Other issues

## Resetting Smoke/Fire alarms

 

## Enabling/disabling the Chime globally

   or “CHIME ON” (toggle).

To program the Chime zones, see section .

This mode activates a buzzer in the keypad when a Chime Zone is triggered. This feature can be used to monitor unauthorized entry or exit in the defined zone when the system is not armed

## Temporarily cancelling the Entry delay

  

Cancelling the Entry delay can be used when you arm to the HOME mode and you want the delayed zones to immediately activate the alarm if opened.

Cancelling the Entry delay is effective only until the system is disarmed.

To reinstate the delay, repeat the process and receive a “Delay ON” message.

## The PANIC alarm

 +

To generate a PANIC alarm, press and hold for 2 seconds (until a confirmation tone is sounded), the Asterisk and the Hash Keys.

PANIC alarm is immediately reported to the Monitoring Station (if you are a subscriber) and your phones.

In addition to activating the sirens, the Installer can set the system to response in various ways.

### Using User #8 code as PANIC alarm

The technician can program the system so entering User #8 code will generate a PANIC alarm. In addition to calling the Monitoring Station (if you are a subscriber) and your phones, the system (or only the partitions User #8 is allocated to) will be disarmed.

## The DURESS alarm

 +

The DURESS alarm is to be used in threat situations.

To generate a DURESS alarm, press and hold for 2 seconds (until a confirmation tone is sounded), Keys #4 and 6#.

Pressing the DURESS alarm key combination sends a silent alarm to the Monitoring Station (if you are subscribed to) and your phones.

## The FIRE alarm

 +

To generate a FIRE alarm, press and hold for 2 seconds (until a confirmation tone is sounded), Keys #7 and 9#.

## Disabling the keypad Chime

 +

Pressing briefly both the “END” and “ENTR” keys disables (toggle) all the keypad’s audible tones.

This includes any tone, including the delays and the faults tones.

## The Green ARMED LED

The Green-ARMED LED indicates the system status as follows:

|  |  |
| --- | --- |
| **LED status** | **Indication** |
| ON | The system is armed |
| OFF | The system is disarmed |
| Flashing | Entry or Exit delay |

### When using partitions

|  |  |  |
| --- | --- | --- |
| **LED status** | **Indication** | **Onscreen** |
| Flashing once every 4 sec. | Partition #1 is armed | Part1 ON |
| Flashing in pairs every 4 sec. | Partition #2 is armed | Part2 ON |
| ON | All the system is armed | \*\*\*\* ON \*\*\*\* |

# Faults Indications

|  |  |
| --- | --- |
| **Display** | Description |
| Battery | Low battery power. Wait 24 hours, if fault persists, call the technician |
| Phone | No dial tone detected. Check the phone line |
| AC line | AC power failure |
| Clock | Appears after initial power input or after total power reset (AC and battery). Set the time and date. See section ‎9. |
| Low DC | Low DC supply to the system  |
| Trouble | Detector was shorten or cutoff. **Immediately** call the technician! |
| DC FUSE | Detectors power line (+/-) was shorten. **Immediately** call the technician! |
| Communic | Failure to communicate with Central Monitoring Station (CMS) |
| GSM Unit | GSM unit is not identified by the system |
| KEYBOARD NOT CONNECTED | A problem with keypad connection to the panel |

# General Information

## Zone Names

|  |  |
| --- | --- |
| **No.** | **Description** |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |

## Installer Information

|  |  |
| --- | --- |
| Company |  |
| Name |  |
| Tel. |  |
| Cell phone |  |
| Email |  |

Limited warranty

PIMA Electronic Systems Ltd. does not represent that its product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection. The User understands that a properly installed and maintained equipment may only reduce the risk of events such as burglary, robbery, and fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no death, personal damage and/or damage to property as a result.

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Please refer to a separate warranty statement found on PIMA website at:

<http://www.pima-alarms.com/site/Content/t1.asp?pid=472&sid=57>

**Warning:** The user should follow the installation and operation instructions and among other things test the Product and the whole system at least once a week. For various reasons, including, but not limited to, changes in environment conditions, electric or electronic disruptions and tampering, the Product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.

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Please read this manual in its entirety before attempting to program or operate your system. Should you misunderstand any part of this manual, please contact the supplier or installer of this system.

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1. When using partitions, the user must be authorized to both partitions by the installer, in order to fully arm the system. [↑](#footnote-ref-1)