KP-601

Slimline LED Keypad

Visonic Ltd

User's Guide

1. INTRODUCTION

Welcome to the world of **MAESTRO** technology. Your **MAESTRO** security system has been designed with ease of use and simplicity in mind. We have developed an advanced technology security system with many powerful features that anyone can use without having to memorizing complex and confusing codes.

The elegant and user-friendly **KP-601** keypad allows you to easily access your security system's functions at the touch of a key. Its array of LED indicators provides you with an easy-to-understand display of your security system's status.

The area you wish to secure can include as many as 6 or 10 zones and can be controlled by several **KP-601** keypads. Thanks to the **MAESTRO'S** partitioning feature, two distinct systems (A and B) can be created and controlled by the control panel. Partitioning can be used in installations where shared security systems are more practical, such as office/warehouse buildings, or apartment/condominium complexes.

The **KP-601** keypad's 20 LED display and keypad sounder serve to keep you instantly aware of alarm, system and operational status. Motion, smoke, glass break, as well as vibration/shock detectors and door/window contact sensors will all report to **MAESTRO'S** RISC microprocessor brain and to your monitoring security station. Vital security information will be communicated to you via the keypad.

The **MAESTRO** can report a wide range of status conditions to the central monitoring station. Automatic test reports can also be sent to the monitoring station to ensure that your system is functioning properly. We recommend that such tests be conducted regularly.

1.1 Keypad Display

Everything you need to know about your system is clearly displayed on the **KP-601** keypad. The keypad layout (fig. 2) provides you with an excellent introduction to the roles of each LED indicator and the keypad function keys. LED indicators labeled 1 to 10 indicate your system zones status. If a zone indicator is "off", the status of the corresponding zone is normal (intrusion was not detected). If the zone light is "on" (illuminated), means the corresponding zone intrusion has been detected (i.e. open door, movement detected). Flashing zone indicator means there is a wiring problem on the corresponding zone.
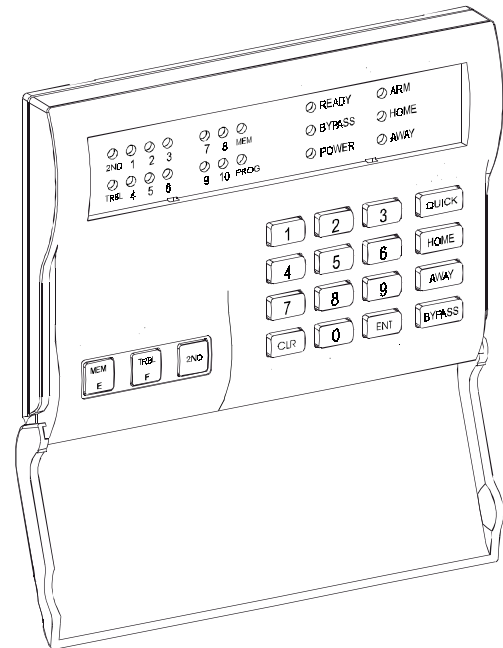

Figure 1 - KP-601

1.2 Keypad "Beep Tones"

Every time a key is pressed, the keypad beeps (0.5 seconds) to indicate the entry has been accepted. When you enter information on the keypad, it will guide you with beep tones that indicate acceptance or rejection of your entries. You should be familiar with these two keypad beep tones:

Confirmation Beep: When an operation (i.e. arming/disarming) is successfully entered on the keypad, or when the system switches to a new status/mode, the sounder produces an intermittent beep tone ("BEEP-BEEP-BEEP").

Rejection Beep: When the system reverts to previous status, or when an operation is incorrectly entered on the keypad, the sounder emits a continuous beep tone ("BEEEEEEEEP").
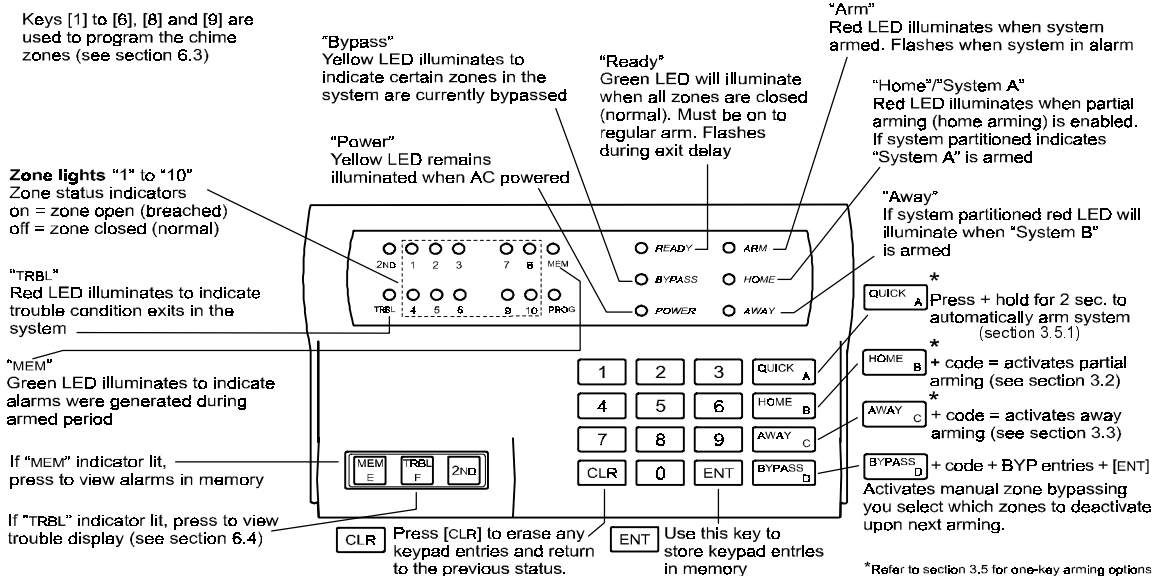

Keys [1] to [6], [8] and [9] are used to program the chime zones (see section 6.3)

"Bypass"
Yellow LED illuminates to indicate certain zones in the system are currently bypassed

"Ready"
Green LED will illuminate when all zones are closed (normal). Must be on to regular arm. Flashes during exit delay

"Arm"
Red LED illuminates when system armed. Flashes when system in alarm

"Home"/"System A"
Red LED illuminates when partial arming (home arming) is enabled. If system partitioned indicates "System A" is armed

"Power"
Yellow LED remains illuminated when AC powered

Zone lights "1" to "10"
Zone status indicators
on = zone open (breached)
off = zone closed (normal)

"Away"
If system partitioned red LED will illuminate when "System B" is armed

"TRBL"
Red LED illuminates to indicate trouble condition exits in the system

QUICK A * Press + hold for 2 sec. to automatically arm system (section 3.5.1)

"MEM"
Green LED illuminates to indicate alarms were generated during armed period

HOME B * + code = activates partial arming (see section 3.2)

AWAY C * + code = activates away arming (see section 3.3)

If "MEM" indicator lit, press to view alarms in memory

BYPASS D * + code + BYP entries + [ENT] Activates manual zone bypassing you select which zones to deactivate upon next arming.

If "TRBL" indicator lit, press to view trouble display (see section 6.4)

CLR Press [CLR] to erase any keypad entries and return to the previous status.

ENT Use this key to store keypad entries in memory

*Refer to section 3.5 for one-key arming options

Figure 2 - Keypad layout

Note: Using "∅" key to bypass zone number 10 is accompanied by illumination of "10" LED.

2. MASTER & USER ACCESS CODES

In addition to the master code, your **Maestro** control panel can be programmed to accept up to 48 user access codes. These access codes allow users to arm and disarm the security system. You can choose to use either 4 or 6-digit access codes with your system. 6-digit codes are considered more difficult to "crack" and are therefore more "secure". If, however, ease of recall is your priority, then youR installer can set the security system to accept 4-digit access codes. Ask your installer about this option. Once your codes are entered, the security system will never loose these codes even after total AC and battery failure. Avoid selecting simple or obvious access codes, such as your telephone number, street address or codes such as 1234.

2.1 Code Priority

When deciding who should have access to your security system, please keep in mind that each of the user codes can be assigned a different code priority. Code priority determines the level of security access each user will have, and which features and functions they can activate. User Codes can be programmed to arm/disarm the system, activate [HOME] or [AWAY] arming, and enter zone bypass entries. In a partitioned system these codes can be programmed to arm/disarm "System A", "System B" zones, or both systems. The installer will program the code priorities for each user to meet your specific needs. Note the master code is defaulted to maximum code priority and can not be altered. This means with the master code you can arm and disarm the system using any arming method.

2.2 Create/Delete Access Codes

NOTE: The default Master Code (00) is **0000.**

Only the Master and User Code 01 can create, modify or delete access codes. If programming a Master Code or a User Code for the first time, you must use the default master code (0000). If you make an error while entering an access code simply press **[CLR]** key to delete the current entry and re-enter the access code.

To create or modify an Access Code press:
1) [ENT] + [master code or user code 01]. "beep-beep-beep" will be heard + flash "PRG" indicator.
2) [2-digit code number] (i.e. User Code 8 = 08). "beep-beep-beep" + "PRG" indicator remains lit*.
3) [4-digit code] + [ENT] *or* [6-digit code] + [ENT]. "beep-beep-beep" + flash "prg" indicator
4) Return to step 2 to continue programming or press [CLR] to exit programming mode.

To delete an Access Code press:
1. Repeat steps 1 and 2 above
2. [2ND] "BEEEEEEEEP" + flash **"2ND"** indicator.
3. [ENT] "BEEP-BEEP-BEEP" + flash **"PRG"** indicator.
4. Press [CLR] to exit programming mode.

*A flashing **"2ND"** indicator means the current user code is empty.

2.3 Duress Code

If unwillingly forced to disarm your system, you can enter User Code #48 instead of your usual code. This code will disarm the system and send a silent alert (Duress Code) to the Monitoring Station. Please verify with your installer if this feature has been enabled.

3. Arming the System

The Maestro security systems can be armed using one of 7 different methods designed to cover a variety of security situations. We suggest that you familiarize yourself with all arming methods so that you can take full advantage of your system. All arming methods are preceded by an exit delay period - the period the control panel will wait before arming the system after having entered a valid access code. Your installer will program the exit delay duration based on the time you require to safely exit the protected area once the code has been entered.

3.1 Regular Arming

What is "Regular" arming?

This method, commonly used for day-to-day arming, will arm all the zones in the system.

Regular" arming process:

When the green "ready" indicator is illuminated, simply enter a VALID ACCESS CODE.

How does "Regular" arming work?

The keypad's green "ready" light must be illuminated, indicating that all zones are closed (normal). All doors and windows must be closed, and there can be no movement in areas monitored by motion detectors. If you make a mistake entering your code or if the ready indicator is not on when the code was entered, the keypad will emit a "rejection beep" (beeeeeeeep).

When you have correctly entered your user code, the keypad will sound a "confirmation beep" (beep-beep-beep) and the red "ARM" indicator will illuminate. The "READY" light will flash and the keypad will "beep" (if programmed) during the exit delay period. During the final 10 seconds of the exit delay, the keypad will "beep" faster and the "ready" indicator will flash at a faster rate. At the end of exit delay, the keypad will sound a "confirmation beep", the green "READY" indicator will extinguish and the red "ARM" indicator will remain illuminated to indicate that the system is armed.

3.2 "Home" Arming

What is "Home" Arming?

"Home" arming allows you to remain in the protected area while

partially arming the system. This means that you can stay in and move around your home, while certain designated zones are armed. For example, entry/exit points like doors or windows, the basement, or perhaps all the zones on the perimeter of the establishment may be armed when going to sleep at night, while other zones remain deactivated. Based on your instructions, your installer programs the control panel to arm only specific zones when "home arming" the system. These specific zones are called "home" zones and these programmed "home zones" can only be changed by your installer. "Home" arming can also be activated using a keyswitch or pushbutton (See section 3.6)

*"*HOME*" ARMING PROCESS:*

1. Verify that all "home" zones are closed. No need to wait for "READY" indicator.
2. Press **[HOME] + [VALID ACCESS CODE]**

How Does Home Arming Work?

Unlike regular arming, the green **"READY"** indicator does not have to be illuminated. Only doors and windows programmed as "home zones" must be closed, and there can be no movement in areas monitored by motion detectors in "home zones". If you make a mistake entering your code, if a "home zone" was open when the code was entered or if you were not given "home" arming code priority, the keypad will emit a "rejection beep" (beeeeeeeep).

When you have correctly entered your user code, the keypad will emit a "confirmation beep" (beep-beep-beep), the red "home" and **"ARM"** indicators will illuminate and the green **"READY"** indicator will flash during the exit delay period. The keypad will not "beep" during the exit delay. During the final 10 seconds of the exit delay, the **"READY"** indicator will flash at a faster rate.

At the end of the exit delay, the keypad will emit a "confirmation beep", **"READY"** indicator will stop flashing and **RED "HOME"** and **"ARM"** indicators will remain illuminated. Note, to use this method the user must have "home" arming priority (see section 2.1).

3.3 Away Forced Arming

What is "Away" arming?

"Away" arming allows system rapid arming without waiting for the

green **"READY"** indicator. Any open zones at the time of arming will be considered "deactivated" by the control panel. Therefore, these zones will not generate an alarm. If during this period a "deactivated" zone is closed, the control panel will revert that zone to "active" status, hence, will generate an alarm as a result of intrusion.

"Away" forced arming process:
1. No need to wait for "READY" indicator.
2. Press [AWAY] + [VALID ACCESS CODE]

How does "Away" arming work?

Simply press the [AWAY] key followed by a valid user access code. If you make a mistake entering your code or if you were not given "away" arming code priority, the keypad will emit a "rejection beep" (BEEEEEEEP). When you have correctly entered your user code, the keypad will emit a "confirmation beep" (BEEP-BEEP-BEEP) and the red **"ARM"** indicator will illuminate. The **"READY"** light will flash and the keypad will "beep" (if programmed) during the exit delay period. During the final 10 seconds of the exit delay, the keypad will "beep" faster and the **"READY"** indicator will flash at a faster rate. At the end of the exit delay, the green **"READY"** indicator will stop flashing and the red **"ARM"** indicator will remain illuminated. Note, to use this method the user must have "away" arming priority, see Code Priority (section 2.1).

3.4 Manual Zone Bypassing

What is zone bypassing?

When a zone is bypassed, it will no longer be monitored by the control panel. Hence, the zone is considered "deactivated" and will not generate an alarm when breached. You may wish to bypass certain zones when, for example, workers are renovating part of your establishment. Manual zone bypassing instructs the control panel to ignore ("deactivate") specified zones in order to arm the remainder of the system. Only zones programmed by your installer as "bypass-enabled" can be bypassed. Please note, the control panel can not bypass fire zones.

Manual zone bypassing process:
1. Press [bypass] + [valid access code]*Yellow "bypass" indicator will flash*
2. Illuminate zone indicators corresponding to zones you wish to bypass by pressing the respective key
3. Press [ENT]; *"bypass" indicator will remain illuminated to indicate zones are bypassed on next arming*

How does manual zone bypassing work ?

To bypass zones, press the [bypass] key followed by a valid access code. If the wrong code was entered or a code without bypass priority, the keypad will emit a "rejection beep" (beeeeeeep). If the correct code was entered, the yellow "bypass" light will flash to indicate that you are now in "bypass mode". If there are any currently bypassed zones, their respective zone indicators will turn on. Press the key(s) corresponding to the zone(s) you wish to bypass until their respective zone indicator turns on. For example, press the [1] key until the red "1" indicator turns on, indicating that zone 1 is bypassed. If the zone(s) you wish to bypass have not been programmed as "bypass enabled" by your installer, the corresponding zone indicator will not turn on.

Press [CLR] key to erase the current zone bypass entries and exit the "bypass mode". If you have entered the correct bypass entries, press the [ENT] key to accept these entries. The yellow "BYPASS" indicator remains on, denoting that zones in the system are currently bypassed, hence, the next time the system is armed, zones will be bypassed. Note, to use this method the user must have zone bypass priority (see Code Priority, (section 2.1).

Bypass Recall Feature:

When the system is disarmed, the bypass entries will be erased. By using the "bypass recall" feature, you can restore the previous bypass entries saved in memory. While in the "bypass mode", press the [bypass] + [ENT] keys to re-instate the previous bypass status. This eliminates the need to re-enter the bypass entries every time you arm the system.

3.5 One-Key Arming

The following arming methods allow you to arm the system without the use of an access code, simply press and hold a specific key (as described below) for 2 seconds to arm the system. Speak to your installer about these options.

3.5.1 One-Key [QUICK] Arming:

When the green **"READY"** light is on, pressing and holding the [QUICK] key for 2 seconds will arm all zones in the system. This feature can be used to allow specific individuals like service personnel (i.e. cleaners, maintenance) to arm the system when leaving the protected area, without giving them access to any other control panel operations. For details on *"Regular Arming"*, refer to section 3.1 Regular Arming.

3.5.2 One-Key [HOME] Arming:

When all "home zones" are closed, pressing and holding the **[HOME]** key for 2 seconds will arm only zones programmed as "home zones". For details on *"Home Arming"*, refer to section 3.2 "Home Arming".

3.5.3. Double [HOME] Arming (instant arming)

After "home" arming the system (see section 3.2 "Home" Arming), press and hold the [HOME] key for 2 seconds during the exit delay, until you hear a single "beep". This will switch all "entry delay" zones to "instant" zones. Therefore, any entry delay zone in which there is intrusion will immediately generate an alarm instead of waiting a pre-determined period.

3.5.4 Fast Exit:

Fast Exit is only available when the system is "Home" armed (see section 3.2 "Home Arming). This feature will allow you to exit the already armed premises and keep system armed. This can be done in two ways:

- With the system already "home" armed, press and hold the [HOME] key for 2 seconds. The system will switch to exit delay mode (green **"READY"** indicator flashes). At the end of the exit delay period, the system will return to "home" arm mode (section 3.2).
- With system already "home" armed, press and hold [QUICK] key for 2 seconds. The system switches to exit delay mode (green **"READY"** indicator flashes and red **"HOME"** indicator extinguishes). At the end of exit delay period, the system "regular" arms the system (see section 3.1 Regular Arming).

3.6 Keyswitch & Push Button Arming

A keyswitch or push button can be used to "Home" (section 3.2) or "Regular" (section 3.1) arm/disarm the system. If the system is ready and the button is pressed, the system will arm. Pressing the button again will disarm the system. If a "home" armed system is in its entry delay or if an alarm has been generated, the keyswitch or push button can not be used to disarm the system. In this case, only a keypad can disarm the system.

3.7 Auto Arming

Your installer can program the **MAESTRO** Control Panel to automatically arm itself upon the following two conditions. Speak to your installer about setting these options.

3.7.1 Timed Auto Arming

The alarm system will automatically arm itself at a specified time everyday. Note, as with "regular" arming, the system will not arm if a zone is open. If this occurs, system will not arm until next day.

3.7.2 "No Movement" Auto Arming

Your panel can be programmed to send a report and/or arm the system if the system is not armed and there is no zone activity for a preprogrammed amount of time. This is a particularly useful feature when supervising the elderly, individuals with chronic health problems or an individual that lives alone.

3.8 Arming/Disarming Partitions

Thanks to Maestro's partitioning feature, two distinct systems (A and B) can be created and controlled by the control panel. Partitioning can be used in installations where shared security systems are more practical, such as office/warehouse buildings, or apartment/condominium complexes. Each zone can be assigned to "System A", "System B", both systems or given no system assignment.

- Zones assigned to "System A", will arm/disarm when the system is "System A" Armed/Disarmed.

- Zones assigned to "System B", will arm/disarm when the system is "System B" armed/disarmed.
- Zones assigned to both systems ("dual area") will arm when the system is either "System A" armed, "System B" Armed or both and will disarm only when both systems disarm.
- Zones not identified to any system ("common area") will arm only when arming both systems and will only disarm when one of the two systems disarms.

Unlike regular arming, the green "ready" indicator does not have to be illuminated. All doors and windows pertaining to the desired system must be closed, and there can be no movement in areas monitored by motion detectors in the desired system.

Notes

1. *A user with no code priorities will never be able to arm or disarm the system when partitioned.*
2. *A user with code priority to one of two systems, entering the correct access code will arm or disarm the system to which the user was given priority.*
3. *A user with code priority to arm/disarm both systems A & B, it will function as follows:*

- *To arm/disarm each system separately press:*
- *[HOME] + [VALID ACCESS CODE] for "System A" [AWAY] + [VALID ACCESS CODE] for "System B"*
- *When the system is partially armed, (i.e. only System "A" or only System "B" is armed) entering the correct access code will arm the other system.*

- *Entering the correct access code when systems "A" and "B" are disarmed will completely arm both systems.*
- *Entering the correct access code when systems "A" and "B" are armed will completely disarm both systems.*

If a mistake is made entering the code or if a zone in the desired system is open when entering the code, the keypad will emit a "rejection beep" (BEEEEEEEEP). When the access code is correctly entered, the keypad will emit a "confirmation beep" (BEEP-BEEP-BEEP). Your keypad can display the status of both systems. When "System A" is armed, the red **"HOME"** and **"ARM"** indicators will remain on. If "System B" is armed, the red **"AWAY"** and **"ARM"** indicators will remain on. When both systems are armed, all three lights will remain on.

3.8.1 ONE-KEY "System A" Arming

This feature allows the user to arm "System A" without the use of an access code. Speak to your installer about enabling this option. When all the zones in "System A" are closed, press and hold the [home] key for 2 seconds to arm "System A". This feature can be used to allow specific individuals like service personnel (i.e. cleaners, maintenance) to arm the system when leaving the protected area, without giving them access to any other control panel operations. For details on "System A" Arming refer to section Arming/Disarming Partitions.

Note: There is no one-key arming feature for "System B".

4. Panic Alarms

In case of emergency, the Maestro system provides your keypad with up to three panic alarms. These panic alarms will generate an immediate alarm after pressing and holding two specific keys for two seconds, as described below:

[1] and **[3]** = "panic alarm".

[4] and **[6]** = "panic alarm" or "medical alarm".

[7] and **[9]** = "panic alarm" or "fire alarm".

Based on your needs, your installer can program these panic alarms to generate audible alarms (sirens or bells) or silent alarms, both of which will send a message to your monitoring security station. The 3 different panic zones can communicate specific messages to your monitoring station, i.e. pressing panic means "call the police", or "call the fire department" etc. Ask your installer for the exact definition of your panel's panic alarms.

5. Disarming the System

Based on your instructions your installer will program a designated entry/exit point, such as the front door or the garage with an entry delay. When an entry delay zone is opened (breached) it will set off a timer. The security system will not generate an alarm until the timer elapses, giving you enough time to enter the premises and disarm the system. Your installer will program the entry delay duration based on the time you require to safely enter the premises and disarm the system. Two different entry delay timers can be programmed.

After entering through the designated entry/exit point, the keypad will "beep" during the entry delay reminding you to disarm the

system. Upon entry of a valid access code, the red "arm" indicator will extinguish and the keypad will emit a confirmation "beep" (beep-beep-beep) denoting the system has been disarmed. If an incorrect access code is entered, the keypad will sound a rejection "beep" (beeeeeeeep). Press the [CLR] key at any time to clear data and re-enter another access code. If an alarm was generated from a fire or 24-hour zone while the system was armed, entering a valid user code will silence the siren. However, you should then check the zone and eliminate the cause of the alarm. If you are unable to pinpoint the reason for the alarm, call your installer.

6. Features

6.1 Programmable Output

Your **MAESTRO** Control Panel includes a programmable output that can be programmed by your installer. When a specific event or condition occurs in the system, the PGM output can be used to reset smoke and glass break detectors, activate light switches in your home or office, open/close garage doors and many more. Speak to your installer about this helpful feature.

6.2 Alarm Memory

If an alarm situation occurs when the system is armed, the red "MEM" indicator on your keypad will illuminate. A record of all alarm situations that occur will be stored in memory. After disarming the system, pressing once on [MEM] key will display which zones were open during the alarm period by illuminating the corresponding zone indicator(s).

Note: If the [MEM] key is pressed more than once you will enter the

event display which can not be decoded.
To exit the alarm memory display, press the [CLR] key.

6.3 Chime Zones

A chimed zone "advises" you when it is opened by creating a rapid intermittent beep tone (beep-beep-beep) whether the system is armed or disarmed. Up to six zones plus the local keypad zone can be programmed as chime zones. To turn on the "chime zone" feature, press and hold the key corresponding to the desired zone ([1] to [6]) for three seconds until the intermittent chime beep is heard. This means that the chime feature has been activated. If a continuous beep is heard, this means that the chime beep has been deactivated. To enable chiming when there is no AC power (orange "power" LED off) press and hold the [7] key for three seconds until the intermittent chime beep is heard. To enable the chime feature on the keypad zone, press and hold the [8] key for three seconds. To mute the keypad's alarm sounder, press and hold the [9] key for

three seconds until the intermittent chime beep is heard. This means that the muting feature has been activated. If a continuous beep is heard, this means that the muting feature has been deactivated. If you have more than one keypad in your system, be sure program the "chime" zones for each keypad separately. Keypad chimes must be re-programmed if the panel suffers a total power loss.

6.4 Chime Operation Options

Key [1]-[6]: Turns chime "on" or "off" in zones numbered 1-6
Key [7]: Turns chime "on" or "off" when there is no AC power (orange "power" LED off)
Key [8]: Turns chime "on" and "off" for the local keypad zone
Key [9]: Turns the keypad's alarm sounder muting "on" or "off"

6.5 Trouble Display

Ten trouble conditions are continuously monitored by the control panel and displayed on the keypad. When a trouble condition occurs, the "TRBL" indicator will illuminate and the keypad will emit an intermittent beep (if enabled). Press the **[TRBL]** key to switch to "trouble display" mode. The **"TRBL"** indicator will flash and any illuminated keys correspond to a trouble condition as described below. Press any key to exit the "trouble display" mode.

Most of these trouble conditions will be programmed by your installer to be reported directly to your security company. If you see a trouble condition appear on your keypad, please contact your alarm company in order to ensure that repairs are made immediately to your security system.

6.5.1 No Battery/Low Battery – "1"

The illumination of the **"1"** indicator denotes that the back-up battery is disconnected or that the battery should be replaced, as it will not provide adequate back-up current in case of AC loss. If the control panel is currently running on battery power, the illumination of the **"1"** indicator denotes that the battery voltage has dropped to 10.5 volts or lower.

6.5.2 Power Failure – "2"

The illumination of the **"2"** indicator denotes that the control panel has detected a loss of AC power. Note, when an AC power loss occurs, the **"TRBL"** indicator will flash rapidly.

6.5.3 Bell Disconnected - "4"

The illumination of the "4" indicator denotes that there is no bell or siren connected to the bell output terminals of the control panel.

6.5.4 Maximum Bell current – "5"

The bell output is microprocessor controlled and will automatically shutdown when the current exceeds 3A upon alarm. If this occurs, the "5" indicator will illuminate.

6.5.5 Maximum Auxiliary Current – "6"

The illumination of the "6" indicator denotes that the auxiliary current has exceeded 1A. This will cause automatic shutdown of the auxiliary output.

6.5.6 Communicator Report Failure – "7"

If the control panel could not communicate with the monitoring station computer, the "7" indicator will illuminate.

6.5.7 Timer Loss – "8"

The illumination of the "8" indicator denotes that your security system timer (clock) must be re-programmed. To re-program the timer press:

[ENT] + [master or user 1 code] + [MEM] + 2 digits (00-23) representing hours + 2 digits (00-59) representing minutes

6.5.8 Tamper/Zone Wiring Failure – "9"

The **"9"** indicator will illuminate to denote a wiring problem on one or more zones.

6.5.9 Telephone Line Monitoring – "10"

The "10" indicator will illuminate to denote that the control panel has not detected the presence of a telephone line for 30 seconds.

6.5.10 Fire Trouble – "HOME"

The illumination of the "HOME" indicator denotes a wiring problem on zone 3, if defined as a fire zone.

7. Fire Alarms

Upon a fire alarm, the bell/siren will operate in "pulse mode". This means it will continuously turn on and off until silenced or reset by entering a valid access code.

> **IMPORTANT**: *IN CASE OF FIRE, FOLLOW YOUR EVACUATION PLAN IMMEDIATELY! If there is no fire condition, contact your monitoring company immediately to avoid an unnecessary response.*

Fire Safety in the Home

Reasonable fire safety can be achieved by following a three- point program:
 1. Minimizing fire hazards
 2. Providing a fire warning system
 3. Having and practicing an escape plan

Minimizing Fire Hazards

The three most common causes of fires are:
 1. Smoking in bed
 2. Leaving children home alone
 3. Cleaning with flammable liquids such as gasoline

Providing a Fire Warning System

Household fires are especially dangerous at night. Fires produce smoke and deadly gases that can overcome occupants while they sleep.

To warn against fire, smoke detectors should be installed outside each separate sleeping area in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements.

Having and Practicing an Escape Plan

There often may be very little time between detection of a fire and the time that it becomes deadly. This interval may be as little as one or two minutes. Advance warning of a fire may be wasted unless the family has planned for a rapid exit from their residence.
 1. Plan and practice for fire conditions with the focus on rapid exit from the residence.
 2. Drills should be held so that all family members know what to do.
 3. Each person should plan for the possibility that exit through a bedroom window may be necessary. Exiting the residence without requiring the opening of a bedroom door is essential.

Provision for the Disabled

For special circumstances where life-safety of some occupant(s) depends upon prompt rescue by others, the fire warning system includes a means of prompt, automatic notification to those who are to be depended upon for the rescue.

8. Testing & Maintenance

8.1 Burglar Alarm Testing

With the system disarmed and the green "ready" light on, activate motion detectors by walking in the protected area. Open and close protected doors. Verify that the corresponding zone indicator illuminates after each activation. Your installer can advise you of the best way to test your particular system.

8.2 Fire Alarm Testing

Do not use open flame or burning materials to test your fire detection devices. Contact your installer for safe methods of testing your system.

8.3 System Maintenance

Under normal use, your system requires virtually no maintenance other than regular testing. It is recommended that the standby battery be changed every three years. Speak to your installer about the necessary tests and at frequency they should be performed.

9. System Setting Checklist

Important! Keep this information in a secured location.

Zone Description

Is this system partitioned?   Yes   No

Zone # & Description	24Hr.	System A	B	Bypass Enabled	Home Enabled
#1					
#2:					
#3:					
#4:					
#5:					
#6:					
#7:					
#8:					
#9:					
#10					

Access Codes

For security reasons, write only the user's name and not his/her access code!

Special Keys & Function

[QUICK] one-key "regular" arming is activated

[HOME] one-key "home" or "system A" arming is activated

Panic Alarms:

[1] & [3] Police or _____   Silent   Audible   Disabled

[4] & [6] Aux. or _____   Silent   Audible   Disabled

[7] & [9] Fire or _____   Silent   Audible   Disabled

The programmable output activates _____ when the following occurs_____

System Timers

Entering and exiting your premises is permitted through doors that you and your installer have determined. You have one exit delay time and up to two individual entry delay times (i.e. Entry Delay 1 = Zone 1 = Front Door = 30 sec, Entry Delay 2 = Zone 7 = Garage Door = 90 sec).

Exit Delay = _____sec. = time allowed to exit premises before system arms after entering access code

Entry Delay 1 = _____sec. = time allowed to disarm system before alarm generation; enter through zone #_____

Entry Delay 2 = _____sec. = time allowed to disarm system before alarm generation; enter through zone #_____

Alarm generation will sound siren or bell for _____ minutes.

Other Information

Alarm system installed on:_____By:_____

Service provided by:_____Tel:_____

Your monitoring station's phone number is:_____

Your account number is:_____

Alarm transformer location:_____ and is on circuit #:_____

WARRANTY

Visonic Ltd. and/or its subsidiaries and its affiliates ("the Manufacturer") warrants its products hereinafter referred to as "the Product" or "Products" to be in conformance with its own plans and specifications and to be free of defects in materials and workmanship under normal use and service for a period of twelve months from the date of shipment by the Manufacturer. The Manufacturer's obligations shall be limited within the warranty period, at its option, to repair or replace the product or any part thereof. The Manufacturer shall not be responsible for dismantling and/or reinstallation charges. To exercise the warranty the product must be returned to the Manufacturer freight prepaid and insured.

This warranty does not apply in the following cases: improper installation, misuse, failure to follow installation and operating instructions, alteration, abuse, accident or tampering, and repair by anyone other than the Manufacturer.

This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express or implied, including any warranty of merchantability or fitness for a particular purpose, or otherwise. In no case shall the Manufacturer be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties whatsoever, as aforesaid.

This warranty shall not be modified, varied or extended, and the Manufacturer does not authorize any person to act on its behalf in the modification, variation or extension of this warranty. This warranty shall apply to the Product only. All products, accessories or attachments of others used in conjunction with the Product, including batteries, shall be covered solely by their own warranty, if any. The Manufacturer shall not be liable for any damage or loss whatsoever, whether directly, indirectly, incidentally, consequentially or otherwise, caused by the malfunction of the Product due to products, accessories, or attachments of others, including batteries, used in conjunction with the Products.

The Manufacturer 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. User understands that a properly installed and maintained alarm 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.

The Manufacturer shall have no liability for any death, personal and/or bodily injury and/or damage to property or other loss whether direct, indirect, incidental, consequential or otherwise, based on a claim that the Product failed to function. However, if the Manufacturer is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, the Manufacturer's maximum liability shall not in any case exceed the purchase price of the Product, which shall be fixed as liquidated damages and not as a penalty, and shall be the complete and exclusive remedy against the Manufacturer.

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 environmental 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.

6/91

Visonic Ltd

APPENDIX
Users Codes And Arming Priorities

Name	Code	Arming Priorities			
		Reg	Home/A	Away/B	Byp
	Master 00				
	User 01				
	User 02				
	User 03				
	User 04				
	User 05				
	User 06				
	User 07				
	User 08				
	User 09				
	User 10				
	User 11				
	User 12				
	User 13				
	User 14				
	User 15				
	User 16				
	User 17				
	User 18				
	User 19				
	User 20				
	User 21				
	User 22				
	User 23				
	User 24				
	User 25				
	User 26				
	User 27				
	User 28				
	User 29				
	User 30				
	User 31				
	User 32				
	User 33				
	User 34				
	User 35				
	User 36				
	User 37				
	User 38				
	User 39				
	User 40				
	User 41				
	User 42				
	User 43				
	User 44				
	User 45				
	User 46				
	User 47				
	User 48				