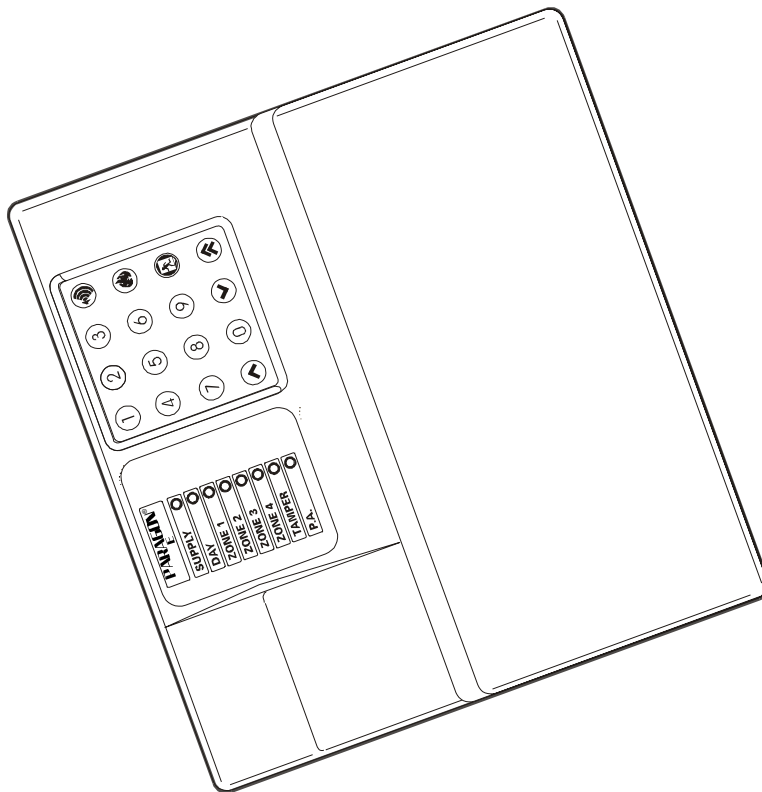


PARAGON E[®]

USER INSTRUCTIONS (RELAY VERSION)



PYRONIX LIMITED

JULY 2000



This product is approved for use in the Residential, Commercial and Light Industrial Environment.

(ENGLISH/EXPORT ONLY)

RINS 318 ISSUE-1

4 ZONE PROGRAMMING STATUS LABEL				
	ZONE 1	ZONE 2	ZONE 3	ZONE 4
ROOM				
0 FULL SET				
1 PART SET				
2 PART SET				

ENTRY / EXIT TIME
 SECS

BELL OUTPUT
 SAB SCB

BELL TIME
 MINS

PIR LEDs
 ENABLED
 DISABLED

STATUS KEY:
 E = ENTRY / EXIT A = ACCESS I = IMMEDIATE O = OMITTED

ENGINEER NAME

No.

INSTALLATION DATE

SERVICE DATE ACTION

SERVICE DATE ACTION

SERVICE DATE ACTION

RLBLO98 Issue 3.

INSTALLATION COMPANY:

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
This is a premium rate line where calls are charged at 50p per minute




email: uk.sales@pyronix.com
export.sales@pyronix.com
marketing@pyronix.com
technical.support@pyronix.com





website: www.pyronix.com

6.9 CHANGINGUSERCODE

Enter  5


then     User code (Factory set 1234) - 3 Bleeps

then     New user code - 3 Bleeps


then     New user code again - 3 Bleeps

The 'day' led will flash when this function is entered and an acknowledge tone will be sounded after each code has been entered. If an incorrect key is entered an error tone will be given and the function ended.

6.10 SYSTEMTESTMODE


Enter  6

This function performs a number of tests which are listed below.
The next test is selected by pressing any numeric key.


To exit system test mode press the  key again.

- Test
- 1) All LED's are switched on
 - 2) The strobe is switched on.
 - 3) The bell is switched on
 - 4) The internal sounder is switched on

6.11 WALKTESTMODE

Enter  7

When the walk test mode is enabled any activated zone will cause a chime and the LED display to indicate.

To exit walk test mode press the  Key again

7 LED FUNCTIONS

Supply light on	:	Indicates there is mains on the system
Day light on	:	Indicates the system is unset. (Day mode)
Zone light on	:	Indicates an Alarm activation
Tamper light on	:	Indicates a Tamper alarm
P.A light on	:	Indicates a Personal Attack activation
Tamper light flashing	:	Engineer mode

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1 INTRODUCTION

The Paragon E is a full featured intruder alarm control panel, based around a micro-processor with 4 fully programmable zones and 2 dedicated '24-hour' zones (Personal Attack alarm and a System-Tamper alarm.). It is operated via a 16-key onboard keypad and has an arrangement of 8 LEDs to show the status of the system.

The User level gives access to all setting and unsetting facilities, and also allows the changing of code numbers and testing of the system.

2 FEATURES

- 2 Access-Level Codes, both programmable
- Easy-set facility
- 4 Programmable alarm zones
- 3 Set / Part Set modes
- Configurable fire zone with unique alarm sound.
- Personal Attack alarm zone
- Tamper zone
- 16 key backlit keypad
- Dedicated Personal Attack key on keypad
- Dedicated Fire alarm key on keypad
- 8 LEDs for immediate indication of panel status
- Walk Test facility
- System Test Function
- Built in sounder with volume control and software override
- Separate Bell and Strobe lamp outputs
- Zone omit facility on exit
- Silent part set.

6.6 TURNING CHIME ON OR OFF

(Panel must be in 'day' mode)

Enter  **1**

When the chime mode is selected a three note chime will be produced by the internal sounder and any extension speakers when an Entry / Exit zone is activated. The same key sequence can be used to turn off the chime facility.

6.7 OMITTING ONE OR TWO ZONES

If one or more 'immediate' zones are triggered whilst in exit mode a low pitched error tone will be produced. If any zones remain triggered at the end of the exit timer, the panel will remain in day mode, the error tone will continue and any triggered zones will be displayed.

Make a note of any triggered zones, then key in the User code which will clear the display and the error tone.

Example

Set panel (error tone will be heard).

Triggered zones will be displayed and error tone produced.

Note triggered zones.


Enter user code to clear display and error tone then investigate fault(s) if possible.

Check for any obvious reason for these zones to have been activated. This may simply be due to a monitored door or window being left open or a pet being left in a protected area. If the fault cannot be rectified it is possible to omit faulty zones, but this should only be used as a last resort if the building is to be left unoccupied.


Set panel again.

then: If no error tone heard, exit via normal route

or: If error tone heard:





then enter:  **0**

now enter: the number of the zone to be omitted (1 to 4)

then:  - Entry / Exit timer will start again.

then: exit building by normal route.

6.8 CLEARING THE DISPLAY AFTER AN ACTIVATION

After an alarm condition enter the User code :    

This unsets the panel. The LEDs will display any activated zones.


Enter User code again.

This clears the display.

6 USING THE PARAGON E

6.1 FULLSETTING THE PANEL

Enter either of the following:

 User Code (Factory set to 1234)

By using this method, maximum volume of the entry / exit tone will be heard.

or 

By using this method, no sounds will be emitted except for an acknowledge tone at the beginning and the end of the entry / exit time.

6.2 PARTSETTING THE PANEL

Part set 1 (eg downstairs only armed):

 or  both will give a silent setting

Part set 2 (eg upstairs only armed):


Enter  or  both will give a silent setting

6.3 UNSETTING THE PANEL

The panel can be unset by entering the building via the entry / exit route and then :

 User Code.

6.4 ACTIVATING THE PERSONAL ATTACK ALARM

To activate the personal attack alarm enter 

6.5 ACTIVATING THE FIRE ALARM

To activate the Fire Alarm enter 

3 FUNCTIONAL DESCRIPTION

3.1 OPERATING MODES

Day Mode This is the state of the panel when unset (not armed). Fire, Personal Attack and Tamper inputs, however remain active 24hours aday.(These are referred to as 24 hour zones). Day mode is identified by the green day LED on the front of the panel.

Set Modes When the panel is set (armed) an activation of any Access, Immediate or 24 hour zone will cause an alarm condition. When an alarm is generated the internal and external sounders will operate for the length of time programmed and the tone of the internal sounder will be two notes repeated rapidly. The strobe lamp will also be activated and will continue to operate until the panel is reset.

Fullset / Partset

At the time of setting the control panel, any one of three set modes can be selected. i.e.

Full set : Whole system armed; nobody on premises.

Part set 1: Upstairs off, Downstairs armed.

Part set 2: Upstairs armed, Downstairs off.

The above are purely examples. The Engineer has the ability at the programming stage to configure all the circuits to the customer's exact requirements.

3.2 ENTRY/EXIT MODE

Entry When the panel is set and an Entry / Exit zone is triggered the Entry / Exit timer will begin to count down. During this period an Entry / Exit tone (single repeated bleep) will be produced by the internal sounder and any zones which are programmed as Access zones will be ignored. If the user code is entered before the end of the count down period the panel will return to 'day' mode. If the timer is allowed to elapse before the user code is entered the panel will go into an alarm state. In this case the system needs to be 'Unset'

Exit With the panel in 'day' mode, if either the user code or an Easy-set key sequence is entered the Entry / Exit timer will begin. If all the Immediate zones are clear, then the Entry / Exit tone will be heard. Leave the protected area by the predetermined Entry /Exit route. As you trigger Access zones the tone will change temporarily to a repeated low tone. When all the zones are clear, the Entry / Exit tone will continue again until the end of the time-out period. The panel will then be set.

4 ZONES

4.1 ENGINEERPROGRAMMINGZONES

- Entry / Exit** This is a zone which allows limited-time access to the premises in order to set or unset the system.
- Access** This is a zone which, on setting the panel, allows access to the Entry / Exit zone. However, if the panel is set and an Access zone is triggered before an Entry / Exit zone then an alarm will be generated immediately.
- Immediate** This is a zone which will, when entered create an alarm when the panel is set.
- Omitted** If a zone is programmed as an Omitted zone by the Engineer, then it is ignored by the panel. Primarily used for Part set options. It also allows the user to continue to use the alarm system even if a fault has been discovered on one or more zones.

4.2 24HOURZONES

- Personal Attack** Triggering of the Personal Attack (P.A) zone will always cause a full alarm activation regardless of whether or not the panel is set.
- Tamper** A tamper zone activation will only generate an internal alarm, if the panel is in Day mode. If a tamper fault is present and the panel is then set, the system will give a second internal alarm. Triggering of a tamper zone when the panel is set will always give an external as well as internal alarm
- Fire** Triggering the fire zone will only operate the internal sounder. A fire alarm is identified by a three note rising sound which is easily distinguished from all other tones. Zone 4 may be configured as a fire zone.

****The Fire Zone is intended as an extra feature to the Intruder Alarm system and must not be regarded as a total fire protection system****

5 CONTROLS AND FUNCTIONS

Volume Control

This is only accessible when the front cover has been removed and will only affect the volume of the internal sounder together with any extension speakers. The volume control is overridden when the panel is in an alarm state, and also if the panel has been set by the User code.

Chime

Chime function applies to 'day' mode only and if selected will cause the panel to generate a three-note sound when an entry/exit zone is triggered. This feature is to inform the occupants of the building that someone has entered.

Auto Rearm

After an alarm the panel will automatically reset itself when the bell timer has expired. Any zones which still remain triggered at that time will be omitted automatically.

Walk test

The walk test function verifies that all the intruder detectors on the alarm system are functioning correctly. When the walk test mode is enabled any activated zone will cause a chime and the LED display to indicate.