







User Manual

INTERNAL SIREN WARNING
The Enforcer 32-WE control
panel contains a 100 dBA
siren, please be aware of
this when in use.



RINS1503-2 Software Revision >V9.26

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A: Introduction

Two Way Wireless High Security

The Enforcer 32-WE is a wireless alarm system that has been designed with your security in mind; with quick and easy installation and minimal maintenance, the Enforcer 32-WE protects your home with a multitude of unique features.

Taking full advantage of Pyronix's innovative two way wireless technology, the wireless devices on the Enforcer 32-WE system are constantly communicating with each other, using the Pyronix High Security Wireless Encryption Protocol.

The Enforcer 32-WE two way wireless devices are fully operational when the system is armed, making your system more secure, compared to other wireless systems, where devices are disabled for up to five minutes after every activation to save battery, therefore compromising your security.

The Enforcer 32-WE has been engineered by Pyronix as a secure, reliable and easy to use wireless alarm system. It includes the following features:

Battery Monitoring/Saving

The Enforcer 32-WE system uses advanced technology to preserve the battery life of each wireless device. However, the Enforcer 32-WE informs you when a battery needs replacing a month in advance before the device stops working. This key feature gives you enough time to change the battery in the specific device. Other wireless alarm systems may not give you a low battery warning signal, meaning that devices could stop working, leaving your environment unprotected.

High Security Encryption

128 bit high security wireless encryption protocol, and intelligent wireless jamming detection.

User Friendly Keyfobs

The fully two way wireless keyfob allows you to see the status of the control unit via 3 colour LEDs:

System armed: When the system is armed a RED LED will illuminate momentarily

System disarmed: When the system is disarmed a GREEN LED will illuminate momentarily

System fault: When the system is in fault condition an AMBER LED will illuminate momentarily, This will also flash when the keyfob is unable to arm the system.

It is possible to allocate different functions to each keyfob such as arming / disarming different areas, activating outputs to control external devices such as gates, requesting system status, and activating panic alarms. Up to 32 wireless keyfobs can be added to the Enforcer 32-WE system. Each wireless keyfob has its own user ID which can be reported to the ARC and user mobile phone which are stored into the event log of the control panel individually. The keyfob also allows you to arm/disarm every area individually, giving you total control of your system.

User Automation Outputs

The Enforcer 32-WE includes user automation outputs that give you the option to operate up to 20 devices such as gates, lights, sprinklers, etc. via your keypad or remotely via your Keyfob, extending the use of your security system.

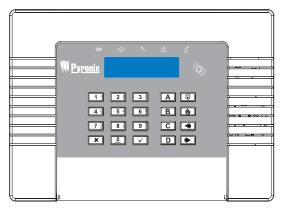
SMS Text Notifications and Remote Control

The system will notify you via SMS text messages in real time. For example notification that your child has returned home from school safely or notification of a leakage of water in your property etc.



B: Keypads / Readers

Default Master Code: 1234



Arming/Disarming Methods:

There are three different devices that may be used in the process of arming/disarming the alarm system; these are the keypad, tag reader and keyfob.

Button Operations

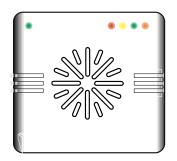
- A = Exit user menu / Select area A.
- **B** = Moves backwards to the previous main menu item / Selects area B.
- **c** = Displays additional information in the log / Scrolls to previous option in a sub-menu / Selects area C.
- **D** = Moves forward in the log / Selects area D.
- = Directional buttons (used for choosing options and moving through text).
- \checkmark = Selects items and enters menus.
- X = Moves forward in the main menu and sub-menu / Exits option to sub-menu and sub-menu to main menu.

How to navigate through the menu's.

- x = "NO" Press to move forward when the user mode
- **B** = "BACK" Press to move backward when in the user mode
- ▶ = Press to move from one option into another option while in a submenu
- A = Press to quick exit the user menu from any main menu (written in capital letters)
- **C** = "CANCEL" Press to move back from one programmable option to the previous option.

Main menus are indicated with capital letters and end with a question mark (?), for example "CHANGE CODES?". The sub-menus are indicated with small letters and they also end with a question mark, for example "Learn codes/tags/keyfobs?". Programmable options are indicated with small letters and do not finish with question mark (?) but Yes/No or other options are offered.

In order to navigate in the menu system one has to answer to the questions in the main and sub menus. For example, if the question is "CHANGE CODES". Pressing \(\subseteq \) 'YES' will bring you in the sub-menu "Learn codes/tags/keyfobs?". Pressing \(\subseteq \) (YES) will take you to the programmable options of this submenu. Pressing \(\subseteq \) 'NO' will take you out of the individual option, will move you up from one sub-menu to the next sub-menu or back to the main menu.



LEFT GREEN LED:

After a valid tag is presented, the GREEN LED will illuminate indicating the power status.



Tag Area (Where you present your tag to arm/disarm)

OK

Ready LED (Ready to arm)

 (\bigcirc)

Alarm LED (Shows alarms)

1

Tamper LED (Shows tamper alarms)

 \wedge

Alert/Pending (Fault) LED (Shows system faults)

₫

Disarm LED (Shows system disarmed)



C: Using the Keyfob



The wireless keyfob has four buttons that may be programmed for specific functions: no action, show status, arm area, disarm area, latch output, timed output and PA alarm activation.

Locking the Keyfob

All four buttons on the keyfob may be 'locked' to prevent from a user accidentally pressing them.

Locking the keys on the keyfob is performed by pressing any buttons that are diagonal with one another at the same time (LOCK & II or UNLOCK & I).

The RED LED will flash indicating that the fob has been locked.

To unlock, press both buttons together again and the GREEN LED will flash indicating that the keyfob is now unlocked.

NOTE: When the keyfob is locked, all indications are also disabled.

Buttons

The buttons can be customised to operate as desired (programmed in the function 'Change Codes'). Below are examples on how each button can be programmed:

BUTTON = Programmed for 'Arm Area' When pressed, one or more areas will be armed

BUTTON = Programmed for 'Disarm Area'. When pressed, one or more areas will disarmed.

I BUTTON = Programmed for 'User Output'. For example when pressed, a gate can be opened. When pressed again, a gate can be closed.

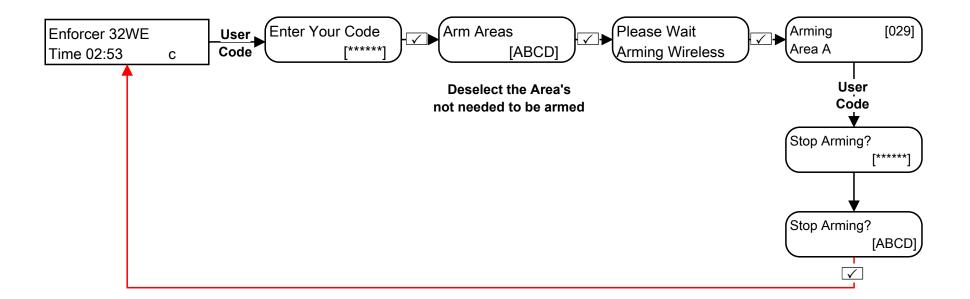
II BUTTON = Programmed for "Status LED'. For example when pressed, the system status is shown' RED = Armed, GREEN = Disarmed, AMBER = Fault.

Quick Arming

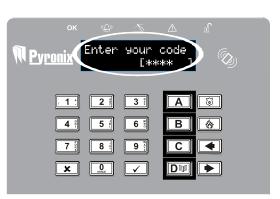
If one of the buttons is programmed as 'Arm Area', the alarm system can be armed by the keyfob. The keypad will then start to count down the exit time (depending what the exit mode is programmed by the engineer). Once the alarm panel is in this 'arming' stage, it is possible to 'quick arm' the system by pressing the same button again; this will reduce the time of arming and therefore making the system arm immediately. The disarm LED on the keypad will turn off and a beep will be heard once the system has been armed and the RED LED on the keyfob will be illuminated for a short time.



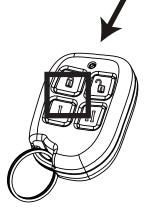
D: Arming the Enforcer



- Enter your code and deselect any area's that are not to be armed*.
- Present your tag and deselect any area's that are not to be armed*.
- Press the arming button on the keyfob**.





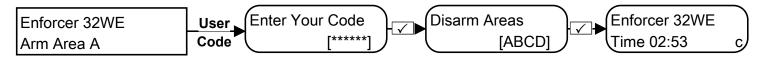


*This will only be possible if "Arm Area Choice" is selected as 'Yes' in the function "Learn User Codes/Tags/Keyfobs. If selected as "No" then all areas allocated to the user code will arm.

**The keyfob buttons can be programmed in the function "Learn User Codes/Tags/Keyfobs".



E: Disarming the Enforcer



Deselect the Area's to be disarmed

1 Enter your code and deselect any area's that are not to be disarmed*.



2 Enter your code and deselect any area's that are not to be disarmed*.



Press the arming button on the keyfob**.



*This will only be possible if "Arm Area Choice" is selected as 'Yes' in the function "Learn User Codes/Tags/Keyfobs. If selected as "No" then all areas allocated to the user code will disarm.

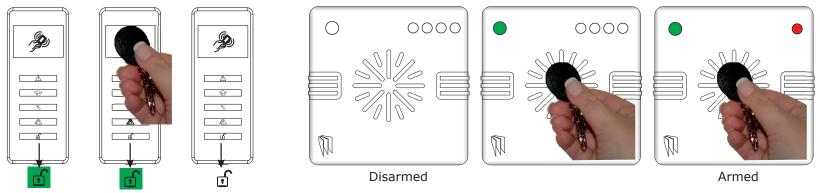
**The keyfob buttons can be programmed in the function "Learn User Codes/Tags/Keyfobs".



F: Arming / disarming with the tag reader

If you have a tag reader installed, then it will be possible to arm and disarm the alarm system using a tag.

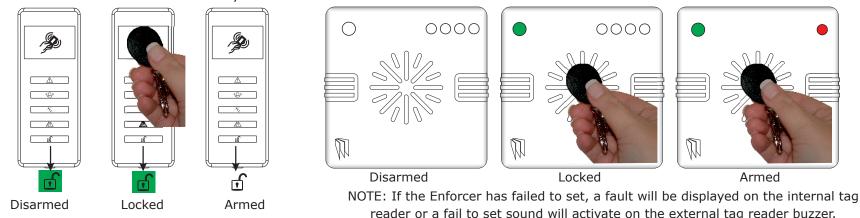
Armed



NOTE: If the Enforcer has failed to set, a fault will be displayed on the internal tag reader or a fail to set sound will activate on the external tag reader buzzer.

G: Open doors / Arm and Disarm (Entry Control)

A tag reader can also be used to unlock entry doors.



External Tag Reader Instructions:

Disarmed

Arming: Present a valid tag to the reader, the GREEN LED will illuminate on the external reader, remove the tag, the door will unlock, then present the same tag within 10 seconds and the system will arm and the door will lock.

Disarming: Present a valid tag to the reader and then remove it, the status will be shown (the alarm symbol will illuminate indicating the system is armed on the internal reader and the RED LED on the external reader), present the same tag wihthin 10 seconds again and the system will be disarmed, and the door will unlock.

Access Control/Entry Control: The readers can be used also for opening doors only without the ability to arm and disarm. Please contact your installer for more information on this feature.



H: SMS Commands (GSM V9.2 or above only)

If you have purchased the GSM version of Enforcer, it will allow you to send SMS commands via a mobile phone to be able to arm/disarm the panel remotely and others. See below the different SMS commands available.

NOTE: Any text message command to the Enforcer will need to start with a valid user code.

NOTE: Text messages commands are not case sensitive except when the used outputs are activated.

NOTE: If a text messages commands is not recognised by Enforcer it will send back to the user the wrong command.

Arming via SMS text command

Example SMS command send:	Description:	Example SMS command response:
123456 Arm A	123456 = User Code. Arm A = Will arm the Enforcer in Area A.	Final Arm; Area A
123456 Arm ABCD	123456 = User Code. Arm ABCD = Will arm the Enforcer in Area ABCD.	Final Arm; Area ABCD

NOTE: If no areas are specified then all areas will arm (default). In 'One Area' Mode, the default will be Area A.

Disarming via SMS text command

Example SMS command send:	Description:	Example SMS command response:
123456 Disarm A	123456 = User Code. Disarm A = Will disarm Area A.	Disarm; Area A
123456 Disarm ABCD	123456 = User Code. Disarm ABCD = Will disarm the Area ABCD.	Disarm; Area ABCD

NOTE: If no areas are specified then all areas will disarm (default). In 'One Area' mode, the default will be Area A.

Arming with inputs bypassed via SMS text command

5 - Prince Approved to the transfer of the tra			
-	Example SMS command send:	Description:	Example SMS command response:
	123456 Arm A Bypass 4	123456 = User Code. Arm A Bypass 4 = Arms Area A and will bypass input	
		number 4.	Force Arm: Area A
	123456 Arm A Bypass Kitchen	123456 = User Code. Arm A Bypass Kitchen = Arms Area A and will bypass	
		the input that is called Kitchen.	Force Arm: Area A

Bypassing inputs via SMS text command

7. • .			_	
	Example SMS command send:	Description:	Example SMS command response:	
	123456 Bypass 6	123456 = User Code. Bypass $6 = In$ the next arming procedure, input number 6 will be bypassed.	Input Bypass; Area A Input 06	
	123456 Bypass Garage	123456 = User Code. Bypass Garage = In the next arming procedure, the input called Garage will be bypassed.	Input Bypass; Area A Garage	

NOTE: The name of the output has to be one word and spelled exactly as written in the panel. For example, Garage Door is not acceptable. It has to be written as Garage-Door in the panel and the respective command will be Garage-Door.



H: SMS Commands (GSM version only) - Continued...

Checking the System Status via SMS text command

Example SMS command send: Description: Example SMS command response:

123456 Status 123456 = User Code. Status Area A Disarmed No Faults

Area B Disarmed No Faults

Area C Disarmed No Faults

Area D Disarmed No Faults

Operating the User Automation Outputs via SMS text commands

Example SMS command send: Description: Example SMS command response:

123456 Output 1 On 123456 = User Code. User Output 1 turns on. OUTPUT 1 ON

123456 Output Garage-Door On 123456 = User Code output Garage-Door on = Turns output named as OUTPUT Garage-Door ON

Garage-Door on.

123456 Output Garage-Door Off 123456 = User Code output Garage-Door off = Turns output named as OUTPUT Garage-Door OFF

Garage-Door off.

NOTE: The user automation outputs can be also activated via the keypad or the keyfob.

NOTE: The name of the output has to be one word and spelled exactly as written in the panel. For example, Garage Door is not acceptable. It has to be written as Garage-Door in the panel and the respective command will be Garage-Door.

Checking the User Automation Outputs status via SMS text commands

Example SMS command send: Desc	cription:	Example SMS command response:
---------------------------------------	-----------	--------------------------------------

123456 Output 1 Status 123456 = User Code. User Output 1 status check. OUTPUT ON or OUPUT OFF

123456 Output Garage-Door 123456 = User Code. Output Garage-Door status check. OUTPUT Garage-Door ON or OUTPUT

Status Garage-Door OFF

NOTE: The name of the output has to be one word and spelled exactly as written in the panel. For example, Garage Door is not acceptable. It has to be written as Garage-Door in the panel and the respective command will be Garage-Door.

Changing a Mobile Number via SMS text commands

Example SMS command send: Description: Example SMS command response:

123456 Change 07777888999 123456 = User Code. Change number 07777888999 to number CHANGE 07878888999

07878888999 07878888999

Start Uploading/Downloading via SMS text command

Example SMS command send: Description: Example SMS command response:

123456 UDL 123456 = User Code. UDL = The Enforcer will make an outgoing data No response as the panel is already

connection to the programmed PC1 number. connected to the PC1

9999 UDL 9999= Engineer Code UDL = The Enforcer will make an outgoing data NO Response as the panel is already

connection to the programmed PC1 number. connected to the PC1



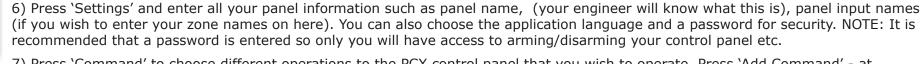
I: Pyronix SMS Control Mobile Phone Application

There is a mobile phone application (Android only) that is available to download via our website and will control certain aspects of your control panel from your mobile phone.



- 1) Download the Pyronix SMS control application from http://www.pyronix.com/pyronix-downloads.php
- 2) Install the application on your mobile phone (making sure "download from unknown sources" is enabled in your security settings).
- 3) Open the application, it will then be installed on your phone automatically.
- 4) The icon to the left will be displayed on your phone menu. Press the icon.
- 5) Once the start up screen has loaded, you will see three icons: Arm Area A, Disarm Area A and Panel Status. These are the default operations.







- 7) Press 'Command' to choose different operations to the PCX control panel that you wish to operate. Press 'Add Command' at default "Arm" will be selected, press the drop down box to view all other operations that are possible: Arming, disarming, arm with bypass, bypass zones, control user output, output status and system status. You may also choose your own icon style as well so the different commands can be easily identified. Once all changes have been made press 'SAVE' and click back.
- 8) All icons and commands will the be displayed on your home screen which can then be pressed and operated.

Screenshots













The chime feature can be used on door contacts to enable a 'chime' sound when a door (input) is opened. This feature can be set up by your installer.

To disable the chime on the keypad, close all doors and when `c' is displayed, press the C key, a capital `C' will be displayed, this will then activate the chime on any additional keypads with extension speakers installed. If you wish to disable the chime altogether press the C key again.

NOTE: Chime should not be used on motion detectors as this will drain the battery.

If an PA alarm is needed, press and hold both the 1 and 7 keys or hold for 3 seconds and a 'PA' alarm will be generated.

Note: The PA facility needs to be enabled by your engineer (either silent or full alarm)

Please note that the key-fob can also be programmed to support a PA alarm.

Please discuss this with your engineer.

If a fire alarm is needed, press and hold for 3 seconds and a 'fire' alarm will be generated.

Note: The Fire alarm key need to be enabled by your engineer.









M: Master Manager Menu Options

Bypass Inputs	Disables any sensor (input) on the system for the current arming period. This feature also disables tamper alarms.	
Operate User Outputs	Activates/deactivates user automation outputs that are used to activate remotely the devices such as electronic gates, lights	
	etc.	
*Date & Time	Programmes the date and time and enables the summertime automatic adjustment.	
*Learn User Codes,	Programmes the user codes, tags and learns keyfobs to the Enforcer 32-WE.	
Keyfobs and Tags		
Review Log	The 'Review Logs' function is used to view all operational information of the alarm system, such as arming/disarming	
	information, access control and alarm activations etc.	
SMS Phonebook	If SMS texting is enabled, there will be up to 4 mobile numbers that can be programmed to send SMS alarms. Please discuss	
	this feature with your installer if required.	
Walk Test The 'Walk Test' function allows the testing of all programmed inputs on the alarm system.		
Bell Test	This function is used to tests the external siren (wired and wireless) and strobe.	
PC Connect Menu The control panel may be dialled into, and programming information kept on a PC using the InSite UDL s		
	function allows the control panel to dial a Pre-programmed PC telephone number (programmed by your engineer). This is	
	usually used by your engineer during a maintenance call.	
Allow Engineer Menu	If this function is enabled, the engineer will require authorisation from you before they can access the engineer menu.	
Block Remote Arming	Blocks any attempt at arming the system remotely via the upload/download software	
Block UDL	Blocks any attempt at dialling into the system remotely via the upload/download software	
Exit Manager Mode	Exits the Manager Mode	

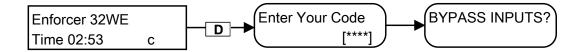
NOTE 1: Pressing the A key will exit the master manager menu at any main menu option above.

NOTE 2: Make sure you change the default master user code.



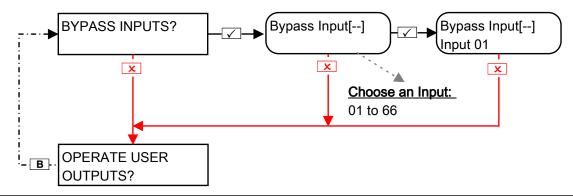
^{*}These features are needed to quickly set up the Enforcer.

N: Entering the Master Manager Menu

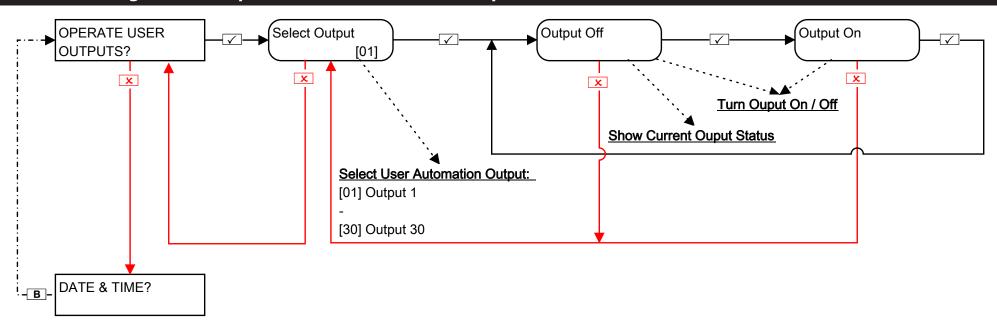


Default Master User Code: 1234

1 Master Manager Menu: Bypass Inputs

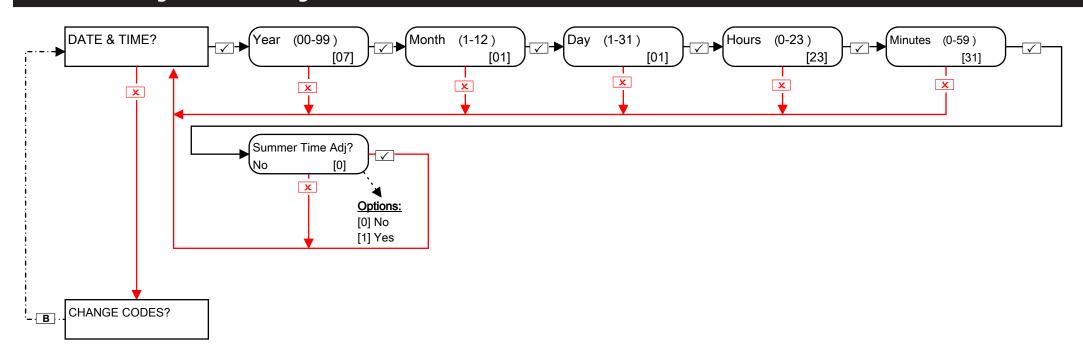


2 Master Manager Menu: Operate User Automation Outputs





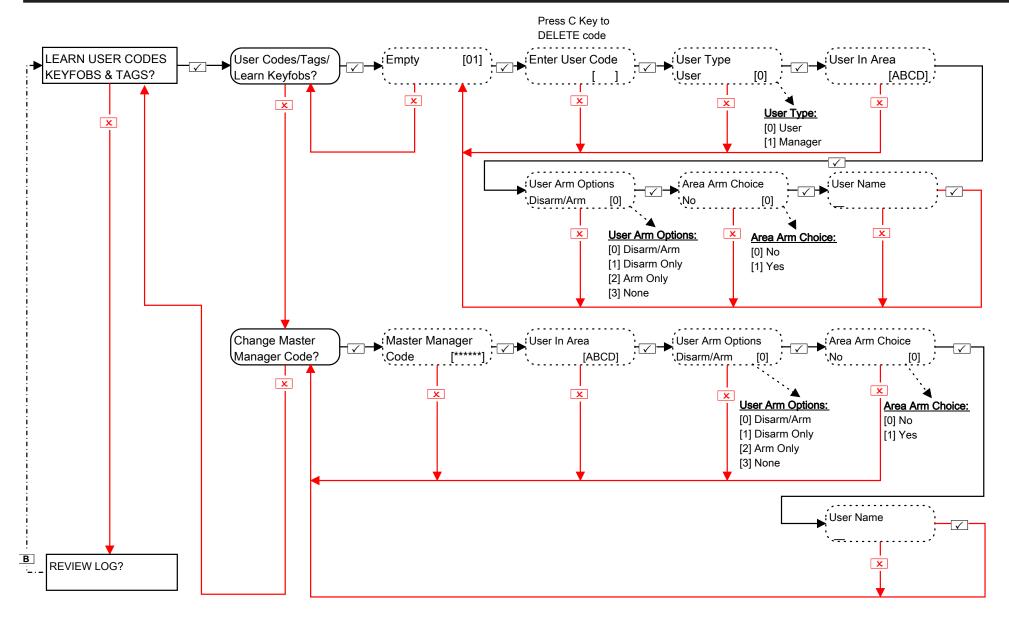
3 Master Manager Menu: Configure Date & Time*





4 Master Manager Menu: Change Codes (Configure user codes, learn tags and keyfobs)*

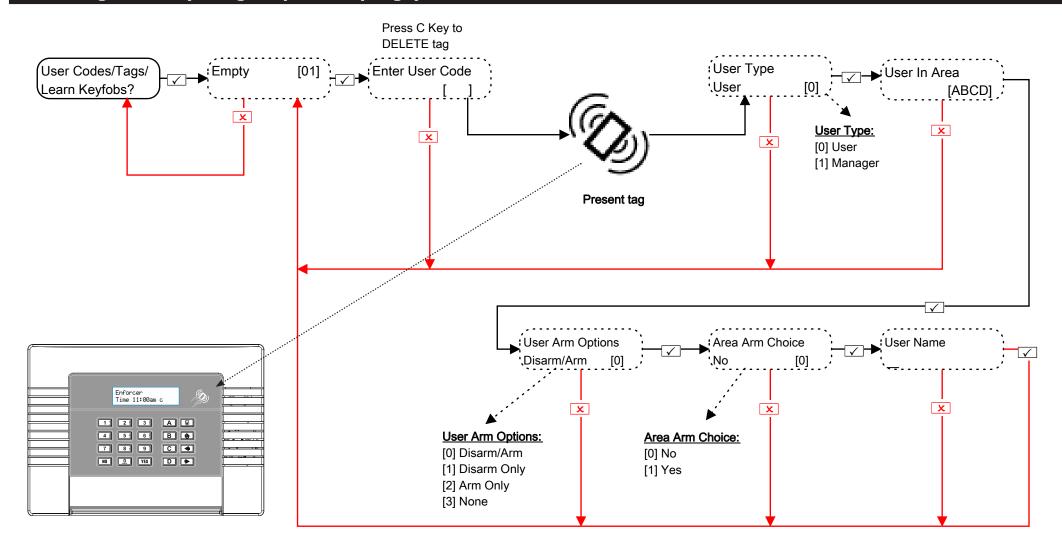
4.1 Change Codes: Configure User Codes



Arm Area Choice: If selected as 'Yes' the user will be able to choose the area they wish to arm after they have entered a user code or presented a valid tag. If selected as 'No' the control panel will automatically arm all area's the keypad/code is assigned to.



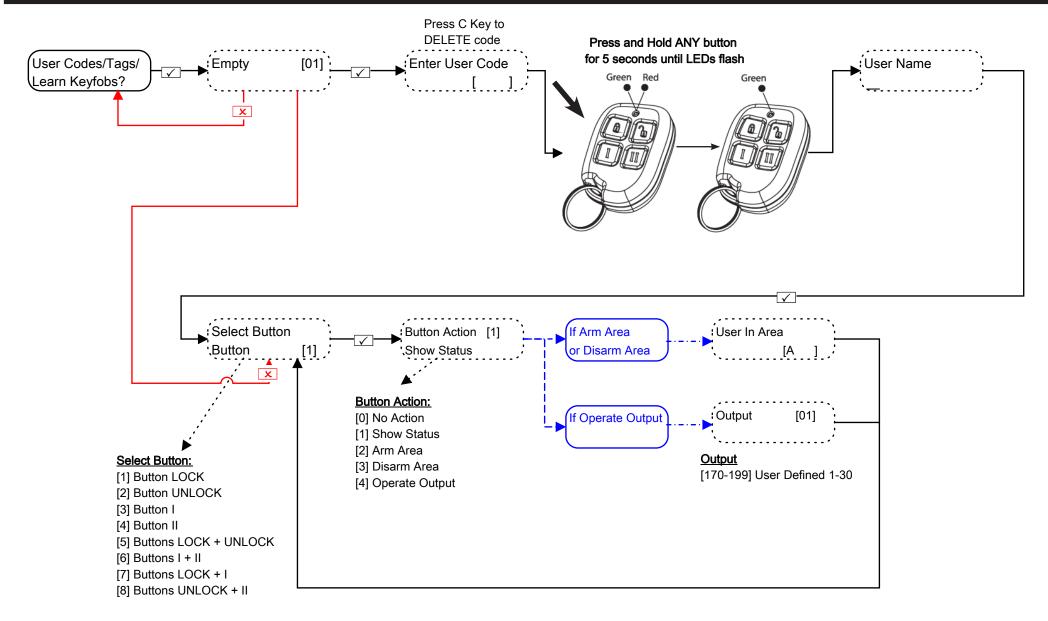
4.2 Change Codes (configure proximity tags)



Arm Area Choice: If selected as 'Yes' the user will be able to choose the area they wish to arm after they have entered a user code or presented a valid tag. If selected as 'No' the control panel will automatically arm all area's the keypad/code is assigned to.

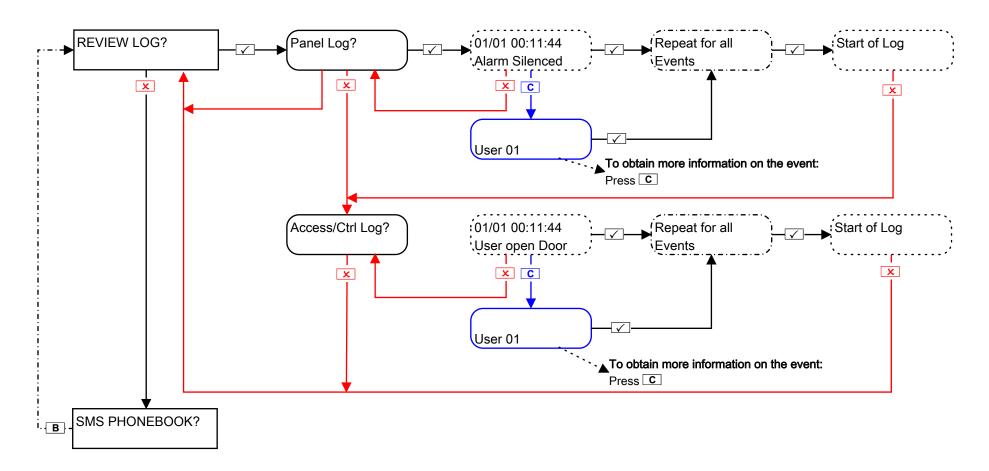


4.3 Change Codes (learn/configure keyfobs)



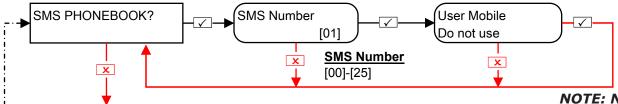


5 Master Manager Menu: Review Logs (Event memory logs)





6 Master Manager Menu: SMS Phonebook



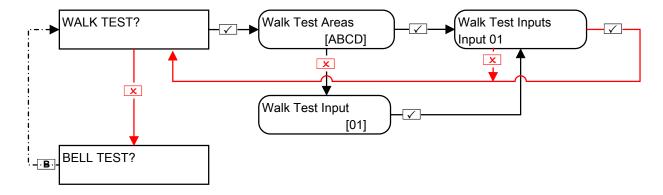
NOTE: Number 1 is normally reserved for ARC communications.

Numbers 2-25 is normally reserved for SMS messaging.

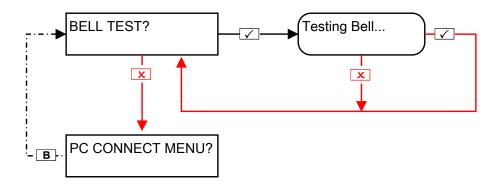
Before you change this function, please consult your installer.

7 Master Manager Menu: Walk Test

WALK TEST?

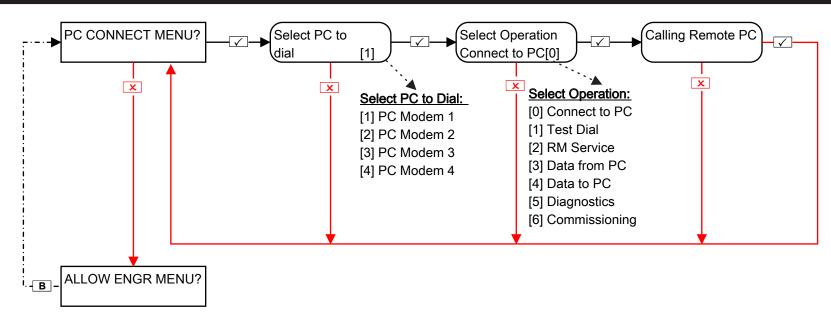


8 Master Manager Menu: Bell Test

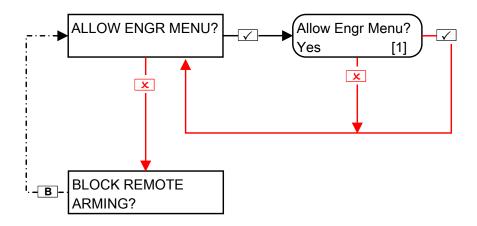




9 Master Manager Menu: PC Connect Menu

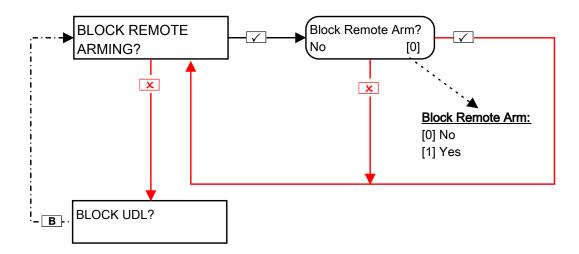


10 Master Manager Menu: Allow Engineer Menu



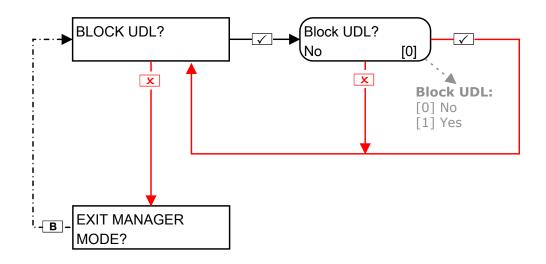


11 Master Manager Menu: Block Remote Arm



This function will block any attempt made to arm and disarm the UDL software if enabled.

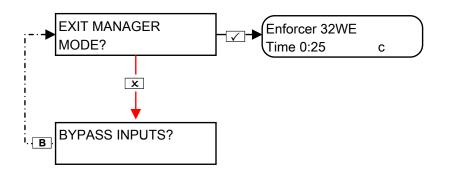
12 Master Manager Menu: Block UDL

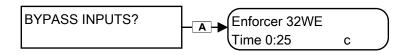


This function will block any attempt made to dial into the control panel to upload and download information if enabled.



13 Master Manager Menu: Exit Master Menu





Press the A key to exit Manager mode from any main menu item (displayed in capital letters)

OR



O: Engineer Contacts and Table

Alarm Company	
Date of Installation	
Site Reference	
Engineer Name	
Engineer Contact Number	
Installed to Grade 2?	Yes / No
Environmental Class	II
Other Comments	



P: Input Tables

Wireless Inputs	Input Name	Input Areas	Description
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			



P: Input Tables

Wired Inputs	Input Name	Input Areas	Description
33 (RIX2)			
34 (RIX2)			
35 (RIX Address 0)			
36 (RIX Address 0)			
37 (RIX Address 0)			
38 (RIX Address 0)			
39 (RIX Address 0)			
40 (RIX Address 0)			
41 (RIX Address 0)			
42 (RIX Address 0)			
43 (RIX Address 1)			
44 (RIX Address 1)			
45 (RIX Address 1)			
46 (RIX Address 1)			
47 (RIX Address 1)			
48 (RIX Address 1)			
49 (RIX Address 1)			
50 (RIX Address 1)			
51 (RIX Address 2)			
52 (RIX Address 2)			
53 (RIX Address 2)			
54 (RIX Address 2)			
55 (RIX Address 2)			
56 (RIX Address 2)			
57 (RIX Address 2)			
58 (RIX Address 2)			
59 (RIX Address 3)			
60 (RIX Address 3)			
61 (RIX Address 3)			
62 (RIX Address 3)			
63 (RIX Address 3)			
64 (RIX Address 3)			
65 (RIX Address 3)			
66 (RIX Address 3)			



Q: User Tables

Q. USEI	idbics	
User	Name	Code/Tag/Keyfob
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		

User	Name	Code/Tag/Keyfob
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		

User	Name	Code/Tag/Keyfob
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		



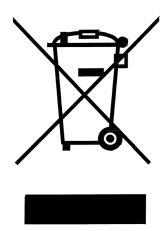
R: Outputs

Wired Outputs	Latched / Timed	Туре	Action
PGM1 (Onboard)			
STRB (Onboard)			
BELL (Onboard)			
PGM1 (ROX)			
PGM2 (ROX)			
PGM3 (ROX)			
PGM4 (ROX)			
PGM5 (ROX)			
PGM6 (ROX)			
PGM7 (ROX)			
PGM8 (ROX)			
PGM9 (ROX)			
PGM10 (ROX)			
PGM11 (ROX)			
PGM12 (ROX)			
PGM13 (ROX)			
PGM14 (ROX)			
PGM15 (ROX)			
PGM16 (ROX)			

Wireless Outputs	Latched / Timed	Туре	Action
BELL 1			
STRB 1			
BELL 2			
STRB 2			



S: Product Information



For electrical products sold within the European Community. At the end of the electrical products useful life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

When disposing of the product and accessories, the batteries must be removed and disposed of separately in accordance with the local regulations.



: Notes



T: Notes



EN20131-1:2000+A1:2009

EN20131-3:5000

EN20131-0:5008

EN20131-5-3:2005+A1:2008

Environmental Class II Security Grade 2



Website: www.pyronix.com



