# EURO 46 APP

User Manual

Connect to your home or business from anywhere in the world.



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### HomeControl+ Smartphone APP Remote Control

The system will notify you via APP Push-notifications real-time, for example: Setting and Unsetting events, Alarms, i.e. notification that your child has returned home from school safely; or notification of a leakage of water in your property etc.

### Two Way Wireless High Security

Thank you for choosing this alarm system as protection for your property. It is designed to conform to the latest industry standards.

There are many features that the alarm system has, and these can be explained in detail by your alarm engineer.

Wireless peripherals may be used on this alarm system; these include wireless sensors and wireless set/unset keyfobs. Please ask your alarm engineer for more details.

With a host of features and accessories, the EURO 46 APP alarm system offers maximum flexibility and ensures that each alarm system can be individually tailored to the needs of the application.

### Battery Monitoring/Saving

Advanced technology preserves the battery life of each wireless device.

The EURO 46 APP panel also informs you in advance of when a battery needs replacing, giving you enough time to change the battery in the specific device before it stops working. This key feature keeps your environment fully protected, unlike other conventional systems.

The HomeControl+ smartphone App can even be set to send you a notification of when a battery needs replacing.

### High Security Encryption

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

### User Friendly Keyfobs

The two-way wireless keyfob allows you to see the status of your EURO 46 APP Panel via three colour LEDs:

System arm: A RED LED will illuminate.

System disarm: A GREEN LED will illuminate.

System fault: An AMBER LED will illuminate (this will flash when the keyfob is unable to set the system).

It is possible to allocate different functions to each keyfob, such as: setting or unsetting different areas, activating outputs to control external devices (such as: gates), requesting the system status and activating HU (Hold-Up / Panic alarms).



Up to 32 wireless keyfobs can be added to your EURO 46 *APP* Panel. Each wireless keyfob has a unique ID, which can be reported to the ARC and HomeControl+ App. These are stored in the event log of the EURO 46 *APP* Panel individually. The keyfob also allows you to individually set or unset every area, giving you total control of your system.

**NOTE**: Keyfobs may only be used if the EURO-ZEM32-WE is installed. Ask your engineer for more information.

### User Automation Outputs

The EURO 46 APP Panel gives you the option to operate up to 30 devices (such as: gates, lights, sprinklers.), via your keypad or remotely via your keyfob or HomeControl+ App.

### HomeControl+ App and SMS notifications

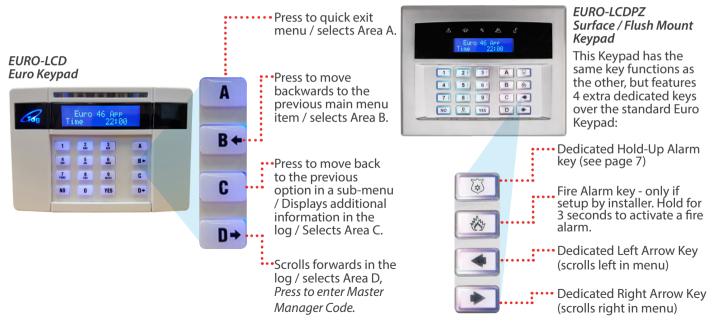
Your EURO 46 *APP* Panel will provide you with real-time push notifications on your phone or within the HomeControl+ App (See HomeControl+ App Setup Guide), such as: that your child has returned home from school, or a leakage of water in your property. You can also opt to receive these via SMS text messages (THIRD PARTY SIM CARDS ONLY).

# Operating the EURO 46 APP Panel

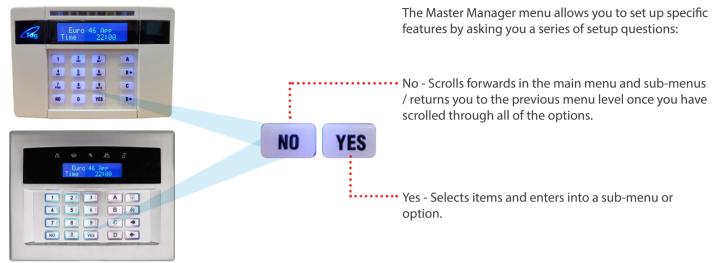
# Default Master Manager Code: 2222 (Press D Key before entering code). Setting/Unsetting Methods:

There are four different methods that can be used for setting or unsetting your alarm: using the EURO 46 APP Panel keypad, using a proximity tag, a keyfob or the HomeControl+ App on your mobile (Android or iOS) device.

### How to navigate through the menus/Button Operations



### How to navigate through the menus/Button Operation



Main menus are in capital letters and finish with a question mark, e.g. 'CHANGE CODES?'.

Sub-menus are in lower case letters and finish with a question mark, e.g. 'Add New User?'.

Programmable options are in lower case letters and DO NOT finish with a question mark, but instead: 'Yes/No', or other options, such as: 'User / Manager'.

To navigate through the menu system, simply answer the questions in the main and sub-menus. For example, if the question is: 'CHANGE CODES?', pressing [YES] will take you into the sub-menu 'Add New User?', and pressing [YES] again will then take you into the programmable options of this sub-menu. If at this point you press [NO], you will be taken out of the individual option. Continue to press [NO] and you will navigate through the sub-menus and eventually return to the main menu.

### Chime Feature:

Euro 46 App ime 22:00

This feature can be set up by your installer and is most commonly enabled for doors using the magnetic contact. When activated you will hear a 'chime' sound to alert you whenever the door is opened.

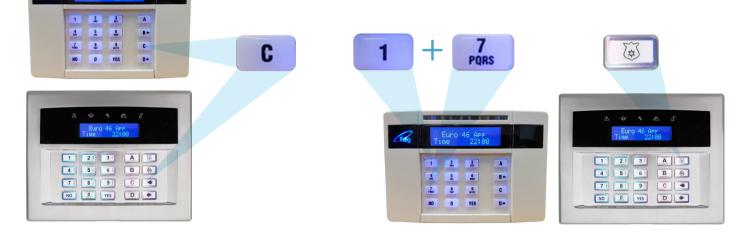
To disable the chime on the your panel keypad, simply close all doors that chime and when 'c' is displayed, press the **C** key. Press the **C** key again to re-enable the chime.

### HU Alarm from keypad:

With the standard Euro Keypad, if you require a Hold-Up (HU) alarm, press and hold both the  $\boxed{1}$  and  $\boxed{7}$  keys for 3 seconds and a 'HU' alarm will be generated.

If you have the Surface or flush mount keypad (pictured on the right below) then it has a dedicated HU Alarm button - hold this for 3 seconds to generate a HU Alarm

**Note:** The HU feature must be enabled by your engineer (silent or audible alarm options available).



### Using the Keyfob (If you have a Wireless ZEM):

The wireless keyfob has four buttons that can be programed to perform specific functions: *no action, show status, set area, unset area, latch output, timed output* and *HU alarm activation*. This can be customised to operate as desired (programed in the function 'Change Codes'). The keyfob diagram on the right shows how each button can be programed:

### Locking the keyfob:

All four buttons on the keyfob can be 'locked' to prevent you from accidentally pressing them. You can do this by pressing the two central keys together (  $\square$  & I ) or the two outer keys together (  $\square$  & I ).

As indicated on the diagram to the right. A RED LED will flash to indicate that the fob has been locked. To unlock the keyfob press the same two keys together again and a GREEN LED will flash to indicate that it is now unlocked. Please note that locking the keyfob disables all LED indications.

### Quick Setting:

If you have chosen to program one of the keyfob buttons as 'Set Area', you can then opt to 'quick set' that area. When you press the button to set the area, the EURO 46 *APP* panel will begin to count down your exit time (depending on what exit mode has been programed by your engineer). Once this 'setting stage' begins, press the same button on the keyfob again and the system will set immediately.

The unset LED on the Control Panel will turn off and a beep will sound to signal that the system has been set. The RED LED on the keyfob will illuminate for a short time to confirm this.

Programed for 'Set Area': one or more areas will be set when pressed.

T

Programed for 'Unset Area': one or more areas will be unset when pressed.

Programed for 'User Output'. For example; a gate can open or close at a button press.

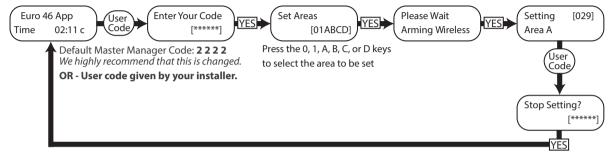
Programed for 'Status LED'. This displays the system status when pressed: RED = Set GREEN = Unset AMBER = Fault



# Setting your *Euro 46 APP* panel

There are four ways that you can set your system.

Enter your user code and select any areas that are to be set, then press the YES button as shown below:



 Present your tag and select any areas that are to be set, then press the YES button (presenting a tag takes you straight to the 'Set Areas' screen in the diagram above)

NOTE: Options 1 & 2 only function if 'Flexi Set' is selected as 'Yes' in the 'CHANGE CODES?' menu. If selected as 'No', then all areas allocated to your user code will set.



 Open the HomeControl+ App on your mobile device and sign into your system with your user code and password details. Next - touch the green (unset)

padlock icons to turn them to red padlock icons and set those areas.

NOTE: Please see the App guide for further details or contact your installer.



4. Press the set ( 1) button on the keyfob and then release, the keyfob will set the areas it has been assigned to by your installer.

NOTE: Your system may not have a wireless ZEM installed - and therefore not have keyfobs.

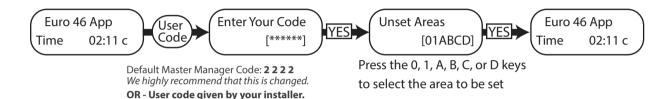
NOTE: The keyfob buttons can be programed in the Master Manager 'CHANGE CODES' menu by going to 'Delete/Change User' and selecting keyfob from the list of users.



# Unsetting your Euro 46 APP panel

There are four ways that you can unset your system.

1. Enter your user code and select any areas that are to be unset, then press the YES button as shown below:



2. Present your tag and select any areas that are to be unset, then press the YES button (presenting a tag takes you straight to the 'Unset Areas' screen in the diagram above)

NOTE: Options 1 & 2 only function if 'Flexi Unset' has been enabled by your engineer. If it has not been enabled, then all areas allocated to your user code will unset.



3. Open the HomeControl+ App on your mobile device and sign into your system with your user code and password details. Then touch the red (set) padlock

icons to turn them to green padlock icons and unset those areas.

NOTE: Please see the App guide for further details or contact your installer.



4. Press the unset ( 1) button on the keyfob and then release, the keyfob will unset the areas it has been assigned to by your installer.

NOTE: Your system may not have a wireless ZEM installed - and therefore not have keyfobs.

NOTE: The keyfob buttons can be programed in the Master Manager 'CHANGE CODES' menu by going to 'Delete/Change User' and selecting keyfob from the list of users.



# Setting / Unsetting with the Tag Reader (optional extras)

It is possible to set and unset your system using a tag wherever a reader is installed.

### Setting (See diagram to the right):

- i. Present a valid tag to the reader.
- ii. The GREEN LED will illuminate on the external reader (or the unset LED on the internal reader).
- iii. Remove the tag.
- iv. The door will unlock.
- v. Present the same tag within 10 seconds and the system will set and the door will lock displaying a RED LED.

### Unsetting:

- i. Present a valid tag to the reader and then remove it.
- ii. The status will be shown (the alarm symbol will illuminate to indicate that the system is set on the internal reader, or the RED LED on the external reader).
- iii. Present the same tag again within 10 seconds and the system will be unset and the door will unlock.

### Access Control/Entry Control:

The readers can also be used for opening doors only, without the ability to set or unset. Please contact your installer for more information on this feature.

NOTE: If the alarm system fails to set, a fault will display on the internal tag reader or a 'failed to set' sound will activate on the external tag reader buzzer.

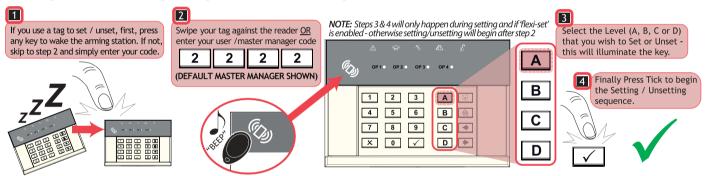
#### External Tag Reader LEDs (shown for system set)



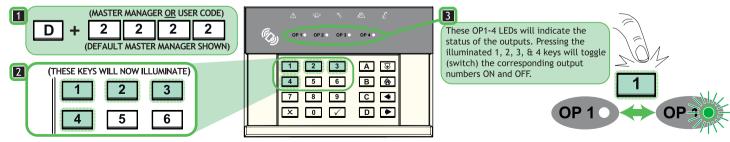
# The Wireless Arming Station (optional extra)

The wireless arming station mirrors the control panel keypad so as to control it from another room. You will notice that it has the same LEDs and symbols, and the same layout - it even has the same tag reader functionality. In addition to these features, it has direct output control, with 4 dedicated LEDs to indicate the status of your outputs (ON or OFF).

#### Setting and Unsetting using a Wireless Arming Station.



#### Controlling Outputs (switching gates, sprinklers, lights etc. if enabled by installer)



# SMS Commands (GPRS with third party SIM only)

If you have the GPRS version of the EURO 46 APP panel you can send SMS text commands via your mobile phone. **NOTE:** All SMS commands must start with a valid user code and are not case sensitive unless the utilised outputs are activated. **NOTE:** If an SMS command is not recognised, the panel will send an 'incorrect command' message back to you.

#### Setting via SMS text command

Example SMS command send:	Description:	Example SMS command	NOTE: If no areas are specified
123456 Set A	123456 = User Code. Set A = Will set in Area A.	response:	then all areas will set (default). In
123456 Set 01ABCD	123456 = User Code. Set 01ABCD = Will set in Areas	Final Set; Area A	'One Area' Mode, the default will
	01ABCD.	Final Set; Area 01ABCD	be Area A.

#### Unsetting via SMS text command

Example SMS command send:	Description:	Example SMS command	NOTE: If no areas are specified
123456 Unset A	123456 = User Code. Unset A = Will unset in Area A.	response:	then all areas will unset (default).
123456 Unset ABCD	123456 = User Code. Unset ABCD = Will unset in	Unset; Area A	In 'One Area' Mode, the default
	Areas ABCD.	Unset; Area ABCD	will be Area A.

#### Setting with inputs omitted via SMS text command

Example SMS command send:	Description:	Example SMS command response:
123456 Set A Omit 4	123456 = User Code. Set A Omit 4 = Sets Area A and	Input Omit; Area A Input 04
123456 Set A Omit Kitchen	will omit input number 4.	Force Set: Area A
	123456 = User Code. Set A Omit Kitchen = Sets Area	Input Omit; Area A Kitchen
	A and will omit the input that is called Kitchen.	Force Set: Area A

#### Omitting inputs via SMS text command

Example SMS command send: 123456 Omit 6 123456 Omit Garage	<b>Description:</b> 123456 = User Code. Omit 6 = In the next setting procedure, input number 6 will be omitted. 123456 = User Code. Omit Garage = In the next setting procedure, the input called Garage will be omitted.	Example SMS command response: Input Omit; Area A Input 06 Input Omit; Area A Garage	NOTE: Output names have to be one word and spelled exactly as written in the panel e.g. Garage Door is not acceptable. It has to be written as Garage-Door in the panel and the respective command will be Garage-Door.
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#### Checking the system status vis SMS text command

Example SMS command send:	Description:	Example SMS command response:
123456 Status	123456 = User Code. Status	Area A Unset No Faults
	Area B Unset No Faults	
	Area C Unset No Faults	
	Area D Unset No Faults	

#### Operating the User Automation Outputs via SMS text commands

Example SMS command send: 123456 Output 1 On	<b>Description:</b> 123456 = User Code. User Output 1 turns on.	Example SMS command response:	NOTE: Output names have to be one word and spelled exactly as written in the panel e.g. Garage Door is not acceptable. It has
123456 Output Garage-Door On	123456 = User Code output Garage-Door on = Turns output named as Garage-Door on.	OUTPUT 1 ON OUTPUT Garage-Door ON OUTPUT Garage-Door OFF	to be written as Garage-Door in the panel and the respective command will be Ga- rage-Door.
123456 Output Garage-Door Off	123456 = User Code output Garage-Door off = Turns output named as Garage-Door off.		NOTE: The user automation outputs can be also activated via the keypad or the keyfob.

#### Checking the User Automation Outputs status via SMS text commands

Example SMS command send: 123456 Output 1 Status	<b>Description:</b> 123456 = User Code. User Output 1 status check.	Example SMS command response: OUTPUT 1 ON or OUPUT 1 OFF	NOTE: Output names have to be one word and spelled exactly as written in the panel e.g. Garage Door is not acceptable. It has to be written as Garage-Door in the
123456 Output Garage-Door	123456 = User Code.	OUTPUT Garage-Door ON or	panel and the respective command will be
Status	Output Garage-Door status check.	OUTPUT Garage-Door OFF	Garage-Door.

#### Changing a Mobile Number via SMS text commands

Example SMS command send:	Description:	Example SMS command	NOTE: Use the appropriate international di-
123456 Change 07777888999	123456 = User Code. Changes	response:	alling code (e.g. +44) when necessary (i.e. for
07878888999	number 07777888999 to number	CHANGE 07878888999	foreign SIM cards). For example if you wanted
	07878888999		to message a foreign SIM card at your holiday
(enter 1 space between numbers)			home abroad.

# Master Manager menu options

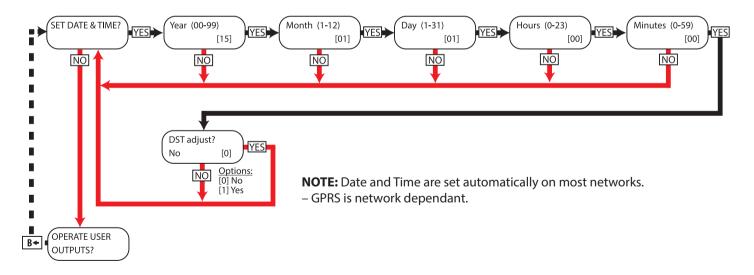
	<u> </u>
Set Date & Time	Programs the date and time and enables the summer-time automatic adjustment.
Operate User Outputs	Activates/deactivates user automation outputs that are used to remotely activate devices, such as electronic gates & lights.
Omit Inputs	Disables any sensor (input) on the system for the current setting period. This feature also disables tamper alarms.
Change Codes	Programs the user codes, tags and learns keyfobs to the HomeControl+ panel.
Review Logs	The 'Review Logs' function is used to view all operational information of the alarm system, such as setting/unsetting information, access control and alarm activations etc.
Set Up App Data	To use the HomeControl+ App (see App Setup Guide or contact your installer) this function must be enabled.
Wi-Fi Setup (future use)	Used to add or change a WiFi connection with your router (if you have the WiFi communications module installed).
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 ( <i>THIRD PARTY SIM CARDS ONLY</i> ).
Walk Test	The 'Walk Test' function allows the testing of all programmed inputs on the alarm system.
Siren Test	This function is used to test the external siren (wired and wireless) and strobe.
Allow Engineer Menu	If this function is enabled, the engineer will require authorisation from you before they can access the engineer menu.
Block Remote Set	Blocks any attempt at setting the system remotely via the upload/download software functionality.
Block UDL	Blocks any attempt at dialling into the system remotely via the upload/download software functionality.
System Sounds Demo	This function demonstrates all the sounds of the Enforcer.
Exit Manager Menu	Exits the Master Manager menu.

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

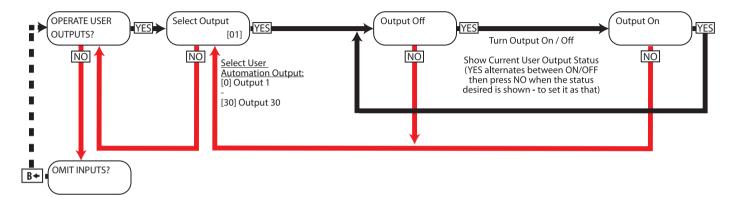
# Entering the Master Manager menu



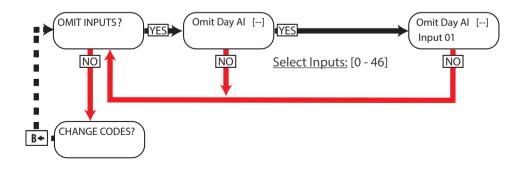
### Master Manager menu: Date and Time

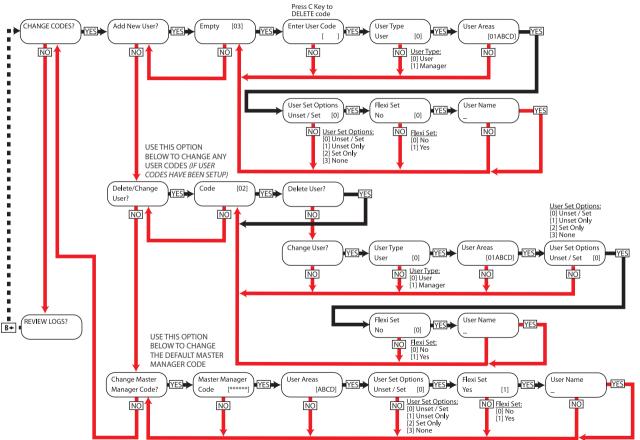


# Master Manager menu: Operate User Automation Outputs

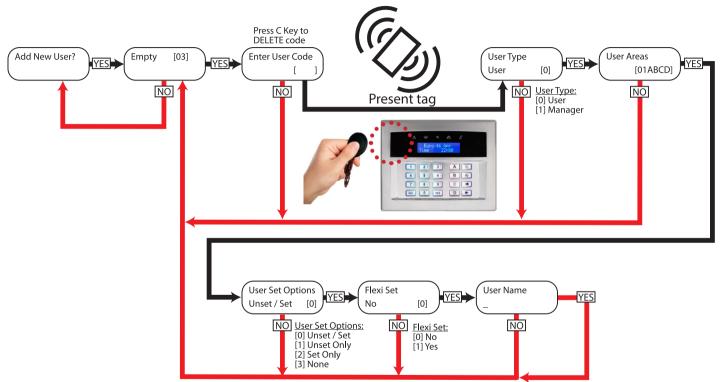


# Master Manager menu: Omit Inputs





### Master Manager menu: Change Codes - configure user codes

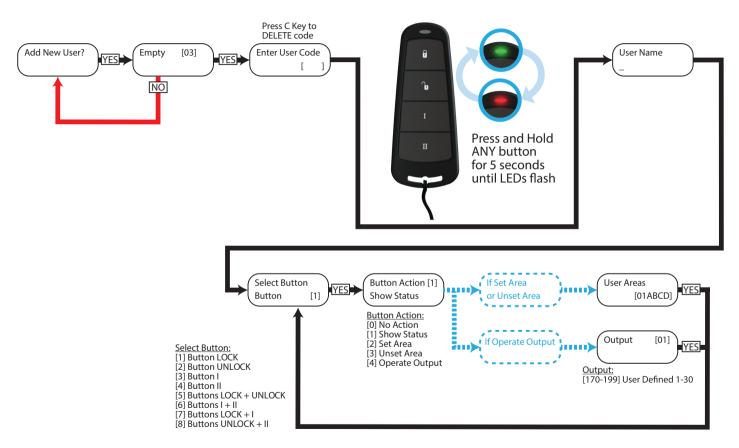


Change Codes: Configure Proximity Tags

**Flexi Set:** If selected as 'Yes' you will be able to choose the area you wish to set after you have entered your user code or presented a valid tag.

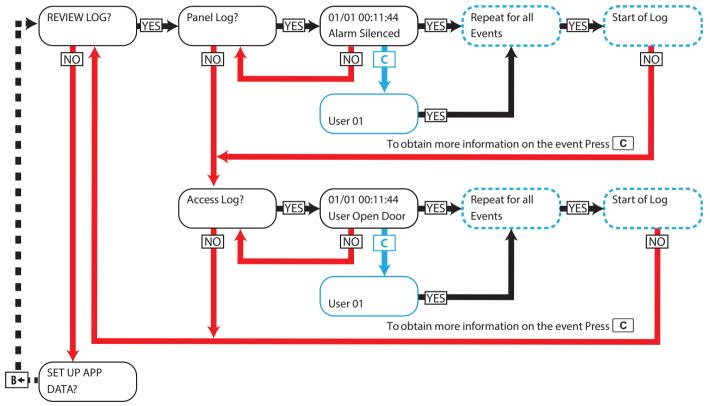
If selected as 'No', the control panel will automatically set all areas that the panel/code is assigned to.

#### Change Codes: Learn / Configure Keyfobs (only available on systems with a wireless ZEM)

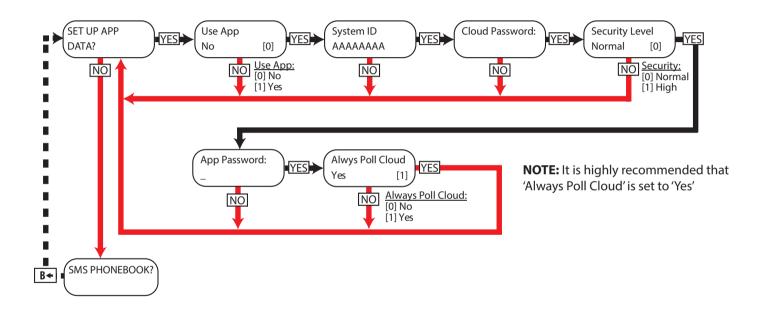


# Master Manager menu: Review Logs

This menu can be used to access the full panel and access logs - in order to check the history of events that have transpired on your alarm system. The HomeContol+ App can also be used to see the latest system events.



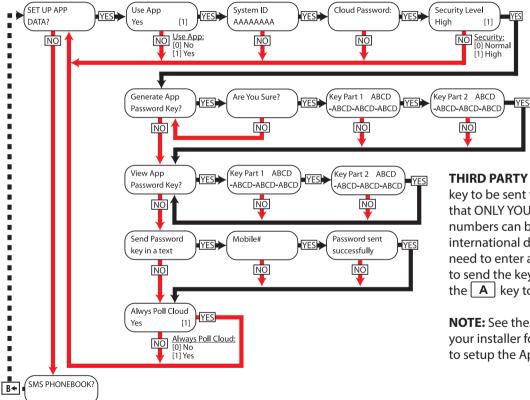
### Master Manager menu: Set Up App Data (if enabled by engineer) Security Level: Normal



**NOTE:** When creating passwords, please ensure that you use a variety of upper case, lower case, numbers and symbols -to establish the best security possible.

**NOTE:** See the App Setup guide or contact your installer for more information on how to setup the App.

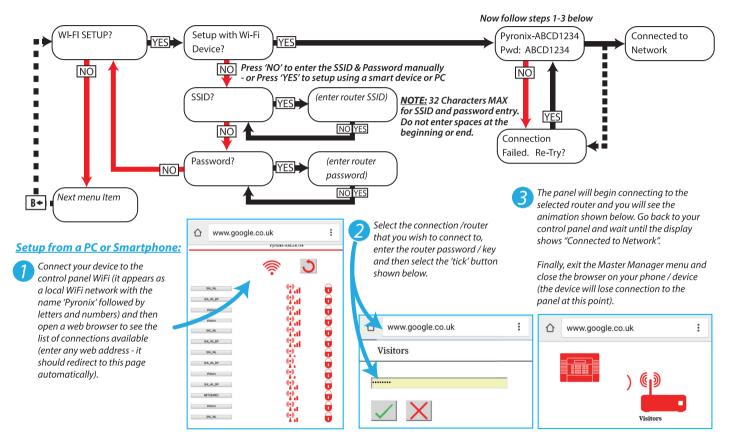
### Master Manager menu: Set Up App Data (if enabled by engineer) Security Level: High



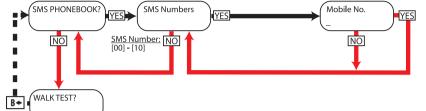
**THIRD PARTY SIM CARDS ONLY:** Password key to be sent to your mobile phone so that ONLY YOU know the App password. UK numbers can be entered with or without an international dialling code (e.g. +44). If you need to enter an international dialling code to send the key to a foreign SIM card –use the **A** key to enter the '+' symbol.

**NOTE:** See the App Setup guide or contact your installer for more information on how to setup the App.

### Master Manager menu: Wi-Fi Setup (WiFi module available in future)

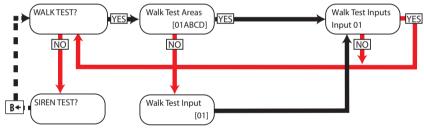


### Master Manager menu: SMS Phonebook (Third party SIM cards only)



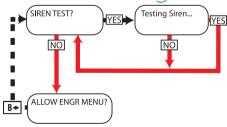
**NOTE:** UK numbers can be entered with or without an international dialling code (e.g. +44). If you need to enter an international dialling code to send the key to a foreign SIM card –use the **A** key to enter the '+' symbol.

### Master Manager menu: Walk Test

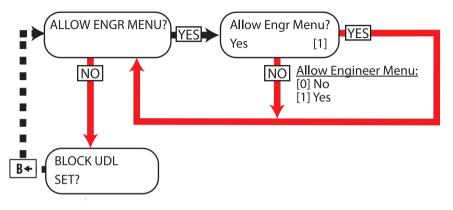


**NOTE:** Select the Areas that you would like to 'walk test' and then walk around those areas in your property in order to trigger the detectors in every area selected in the 'walk test areas' menu. Once you have done this you will see 'walk test complete' displayed on the keypad.

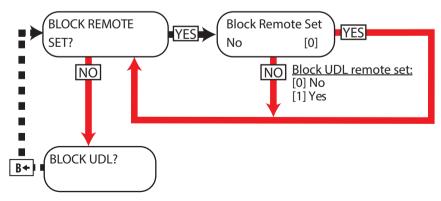
Master Manager menu: Siren Test



# Master Manager menu: Allow Engineer Menu

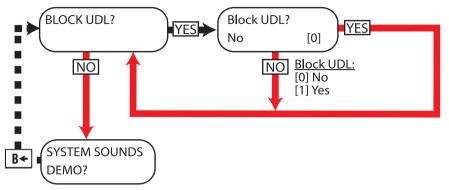


### Master Manager menu: Block Remote Set



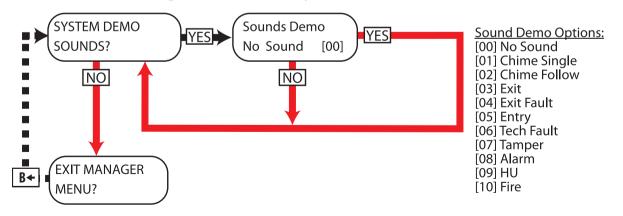
This function will block any attempt made to set or unset via the UDL software if enabled.

# Master Manager menu: Block UDL

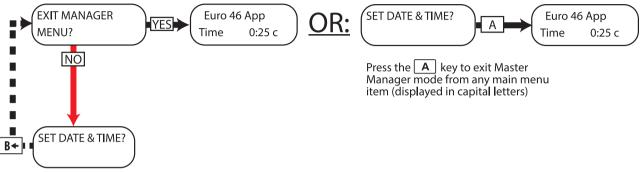


If enabled, this function will block any attempt made to dial into the control panel to upload and download information.

### Master Manager menu: System Sounds Demo



# Master Manager menu: Exit Master Manager menu



### Engineer Contacts / Installation Record Table

Alarm Installation Company:	
Date of Installation:	
Site Reference:	
Engineer Name:	
Engineer Contact Number:	
Installed to Grade 2:	Yes / No
Installed to Grade 3:	Yes / No
Environmental Class:	П
Other Comments:	

# Input tables

Wired only Inputs	Input Name	Input Areas	Description
01			
02			
01 02 03 04 05 06 07			
04			
05			
06			
07			
08			

Wired Keypad Inputs	Input Name	Input Areas	Description
41 (Keypad 1)			
42 (Keypad 1)			
43 (Keypad 2)			
44 (Keypad 2)			
45 (Keypad 3)			
46 (Keypad 3)			

Wired or Wireless Inputs	Input Name	Input Areas	Description
09 (ZEM 0)			
10 (ZEM 0)			
11 (ZEM 0)			
12 (ZEM 0)			
13 (ZEM 0)			
14 (ZEM 0)			
15 (ZEM 0)			
16 (ZEM 0)			
17 (ZEM 1)			
18 (ZEM 1)			
19 (ZEM 1)			
20 (ZEM 1)			
21 (ZEM 1)			
22 (ZEM 1)			
23 (ZEM 1)			
24 (ZEM 1)			
25 (ZEM 2)			
26 (ZEM 2)			
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37 (ZEM 2)			
38 (ZEM 2)			
39 (ZEM 2)			
40 (ZEM 2)			

# <u>User Tables</u>

User	Name	Code/Tag/ Keyfob	User	Name	Code/Tag/ Keyfob	User	Name	Code/Tag/ Keyfob
1			26			51		
2			27			52	i	
3			28		ĺ	53	ĺ	
4			29		İ	54	İ	
5			30			55	i	
6			31			56		
7			32			57		
8			33			58	i	
9			34			59		
10			35			60		
11			36			61	i	
12			37			62		
13			38			63		
14			39			64	i	
15			40			65		
16			41			66		
17			42			67	i	
18			43			68		
19			44			69		
20			45			70	i	
21			46			71		
22			47		1	72	1	1
23			48		1	73	i	
24			49			74		
25			50			75		

# Outputs Table

Wired	Latched	Name & Action	Wired	Latched	Name & Action	ZEM Outputs	Latched	Name & Action
Outputs	/Timed		Outputs	/Timed		(wired/wireless)	/Timed	
BELL O/P			User Output 15			ZEM-0 Output 1		
STB O/P (strobe)			User Output 16			ZEM-0 Output 2		
PGM O/P			User Output 17			ZEM-0 Output 3		
XPGM1 O/P			User Output 18			ZEM-0 Output 4		
XPGM2 O/P			User Output 19			ZEM-1 Output 1		
User Output 1			User Output 20			ZEM-1 Output 2		
User Output 2			User Output 21			ZEM-1 Output 3		
User Output 3			User Output 22			ZEM-1 Output 4		
User Output 4			User Output 23			ZEM-2 Output 1		
User Output 5	1 1		User Output 24			ZEM-2 Output 2		
User Output 6			User Output 25			ZEM-2 Output 3		
User Output 7	1 1		User Output 26			ZEM-2 Output 4		
User Output 8			User Output 27			ZEM-3 Output 1		
User Output 9			User Output 28			ZEM-3 Output 2		
User Output 10			User Output 29			ZEM-3 Output 3		
User Output 11			User Output 30			ZEM-3 Output 4		
User Output 12								
User Output 13								
User Output 14								

# 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 products & accessories, the batteries must be removed and disposed of separately in accordance with local regulations.



EN50131-1:2006+A1:2009 EN50131-3:2009 EN50131-6:2008 EN50131-6:2008 Security Grade 2 & 3 Environmental Class II



### Pyronix Guarantee

At Pyronix Limited we are proud of our products and believe that we ensure both suitable materials and the utmost skill and care are used in manufacturing them.

We are confident in the abilities of the installers and distributors to whom we sell our products, and the high standards that they employ to ensure that Pyronix products are delivered to you in the same condition as they left us.

Pyronix Limited warrants that all our manufactured products shall be free from defects in workmanship and material for the period specified on the batch label relating to the product supplied (the "Pyronix Guarantee period" for that product).

Some Pyronix products are capable of generating voice messages, digital messages and text messages via SMS. In order for these messages to reach their intended destination, the Pyronix product needs to be connected to network and transmission facilities operated by third parties. Pyronix is not responsible for the operation of the network, any incompatibility between the Pyronix products and the connected network and transmission facilities, the delivery and non-delivery of these messages, network and transmission failures, the third parties service level, or the costs associated with the delivery of these messages.

We hope that you will not, but if you find that any Pyronix product is defective or contains defects in workmanship or material please contact the business which supplied that product to you, and ask them to liaise with us about it. They may need the product to be returned to them for assessment and analysis.

Products which are found not to have been properly maintained or not to function properly as a result of misuse, abuse, improper installation, neglect or have been damaged by disasters such as fire and floods, will not be repaired or replaced by Pyronix Limited under this

guarantee, and Pyronix shall not bear the cost of returning the product (and any other affiliated cost).



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