# EURO 280
# User Manual

*Software version* ***≥9.51***

*Revision 04*

Pyronix

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## Two Way Wireless High Security *(if optional wireless ZEM is installed)*

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 280 alarm system offers maximum flexibility and ensures that each alarm system can be individually tailored to the needs of the application.

## High Performance CPU

The EURO 280 features a CPU that has plenty of headroom, ensuring that the system performs instantaneously, no matter whether it is operating in a small property - or as a fully loaded commercial system.

## Battery Monitoring/Saving

Advanced technology preserves the battery life of each wireless device. The EURO 280 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.

## High Security Encryption

128 bit high security wireless encryption protocol and intelligent wireless jamming detection ensure that your alarm system is protected from sophisticated attacks as well as physical anti-tamper mechanisms throughout our range of panels, detectors and peripherals.

## User Friendly Keyfobs (requires EURO-ZEM32-WE option)

The two-way wireless keyfob allows you to see the status of your EURO 280 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 if 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 280 Panel of which each have their own unique ID. These are stored in the event log of the EURO 280 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 280 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 arming station.

# Operating the **EURO 280** Panel

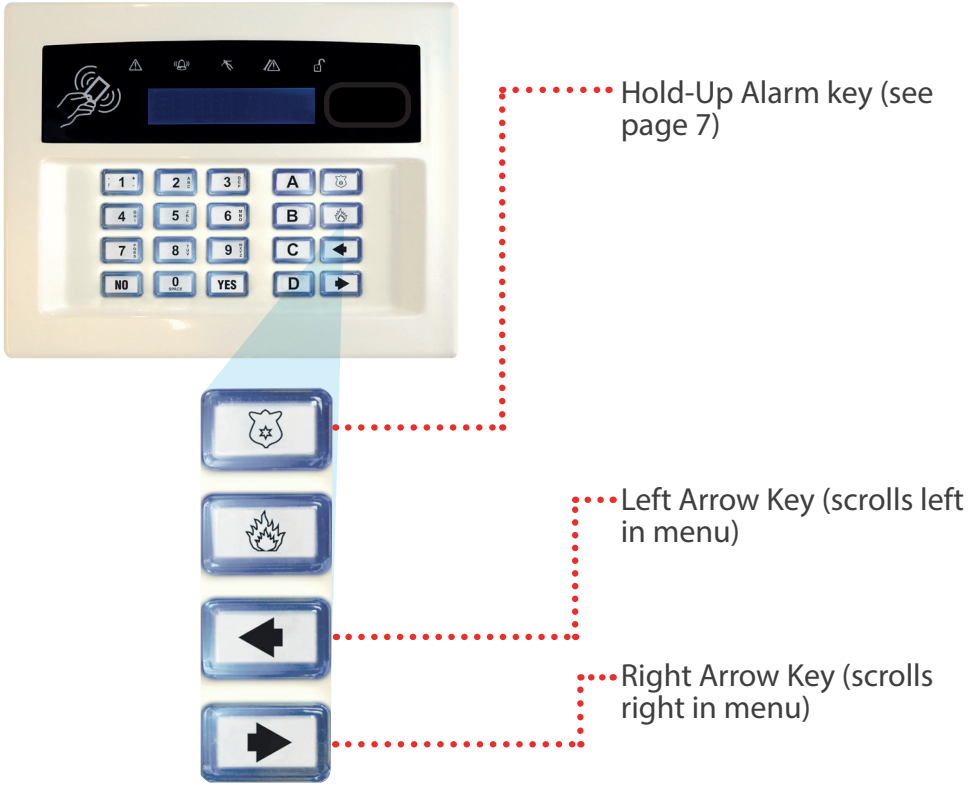
## Default Master Manager Code: 2222 (Press D Key before entering code).

### Menu Navigation and Button Functions

***EURO-LCDPZ***
***Surface / Flush Mount Keypad***

This keypad has arrow keys and programmable Fire and Hold-up keys.

The Fire and Hold-up keys will only function if they have been programmed by your engineer.



# Menu Navigation and Button Functions

The Master Manager menu allows you to set up specific features by asking you a series of setup questions:

**No** - Scrolls forwards in the main menu and sub-menus / returns you to the previous menu level once you have scrolled through all of the options.

**Yes** - Selects items and enters into a sub-menu or option.

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:

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

To enable and disable chime, make sure all inputs with chime on are closed and press the C key whilst in day mode. This will display and remove a 'c' in the bottom right corner of the LCD.
'c' visible - Chime enabled
'c' hidden - Chime disabled

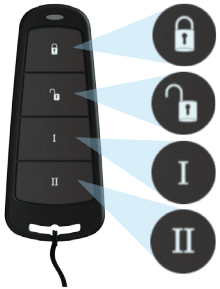
## HU Alarm from keypad:

With the Surface or flush mount keypad (pictured on the right below) there is 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).
*This is not compliant for policed systems in the UK*

# 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:



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

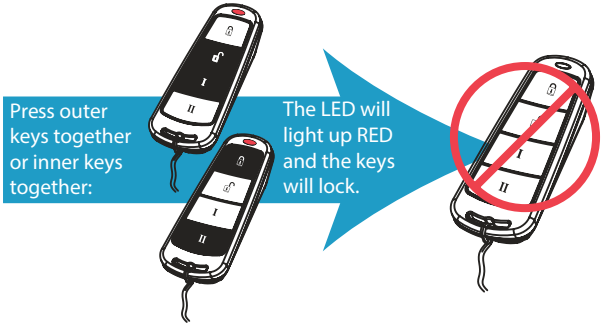
Programed for 'Unset Area': one or more areas will be unset when pressed.

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

## 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 ( & I ) or the two outer keys together ( & II ) for >10 seconds.
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:

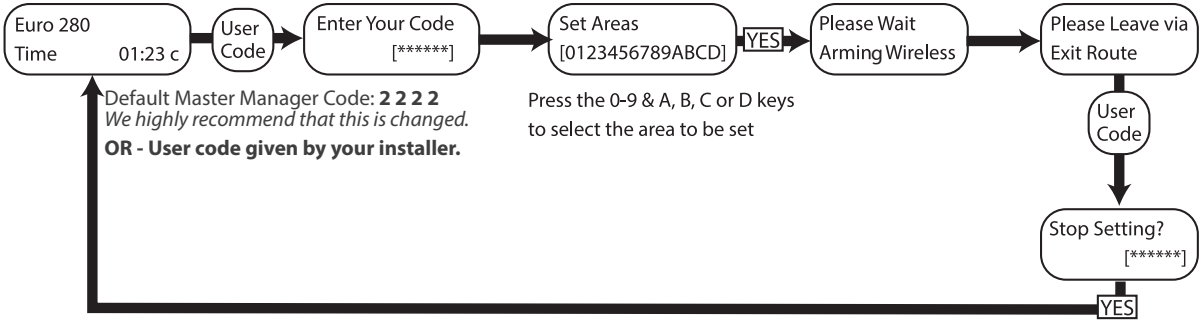
If you have chosen to program one of the keyfob buttons as 'Set Area', you can then opt to 'quick set' that area. When you press the button to set the area, the EURO 280 panel will begin to count down your exit time (depending on which exit mode has been programed by your engineer). Once this 'setting 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.

# Setting your **EURO 280** panel

There are three ways that you can set your system.

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




**2.** 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.

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

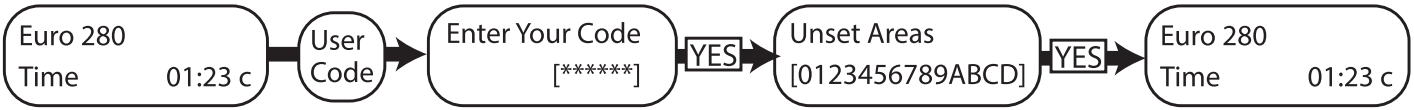
NOTE: Your system may not have a wireless ZEM installed - and therefore not have keyfobs.

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 280** panel

There are three 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:




Default Master Manager Code: **2 2 2 2**
*We highly recommend that this is changed.*
**OR - User code given by your installer.**

Press the 0-9 & A,B,C or D keys to select the area to be unset

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. Press the unset ( ) 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:

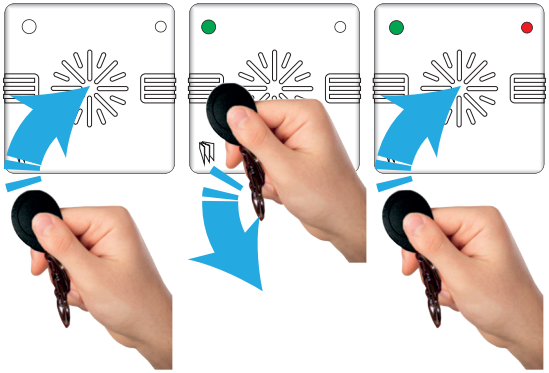
i. Present a valid tag to the reader and then remove it.
ii. The status will be shown (the alarm symbol will illuminate to indicate that the system is set on the internal reader, or the RED LED on the external reader).
iii. Present the same tag again within 10 seconds and the system will be unset and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

## Access Control/Entry Control:

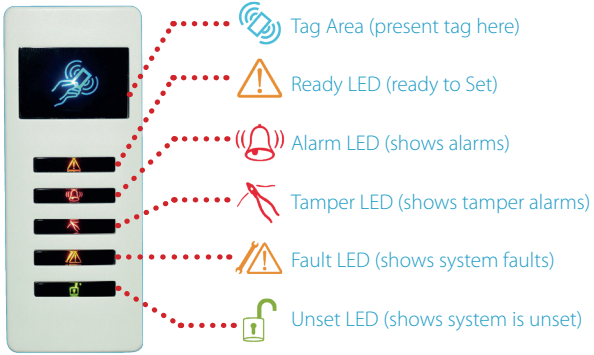
The readers can also be used for opening doors only, without the ability to set or unset. Please contact your installer for more information on this feature.

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)



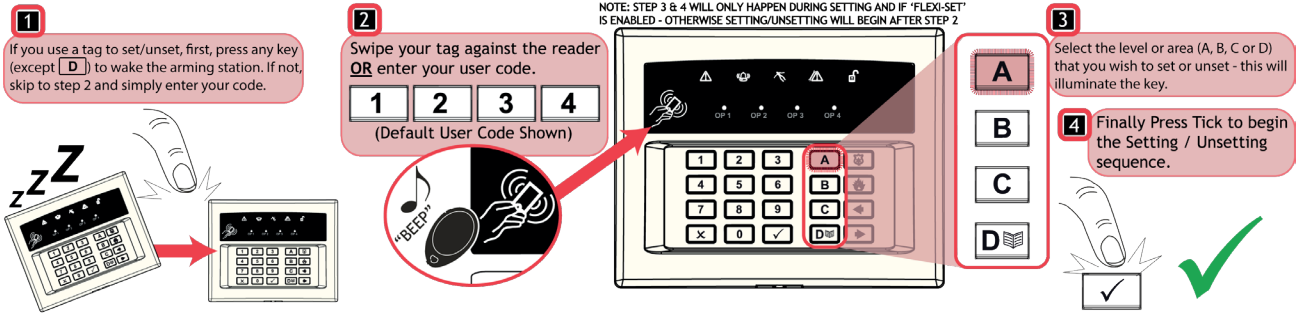
## Internal Tag Reader LEDs



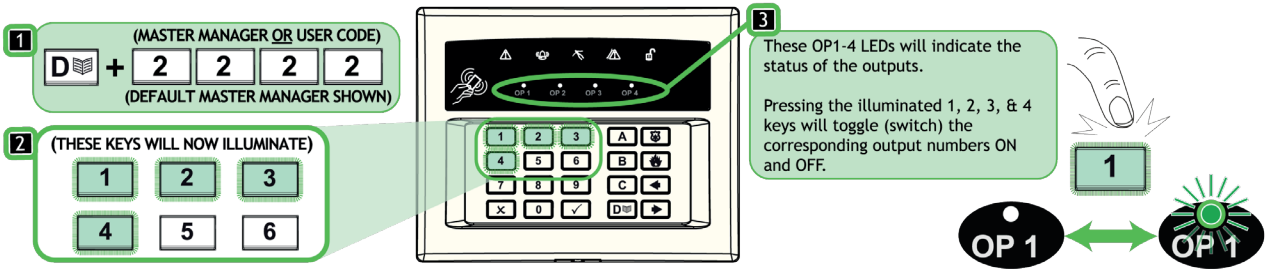
# The Wireless Arming Station (optional extra)

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)

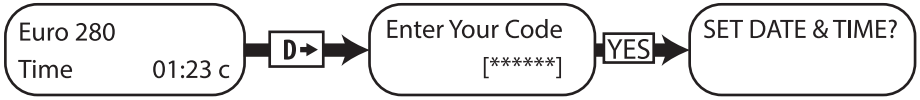


# Master Manager menu options

| | |
|---|---|
| **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 Day Alarm input on the system until the system is fully set then unset. |
| **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. |
| **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. If it is enabled, mobile numbers can be edited here. |
| **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. |
| **Dial Out Menu** | DO NOT USE - You may be asked to use this by an engineer over the phone if they are to remotely control your system |
| **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. |
| **Exit Manager Menu** | Exits the Master Manager menu. |

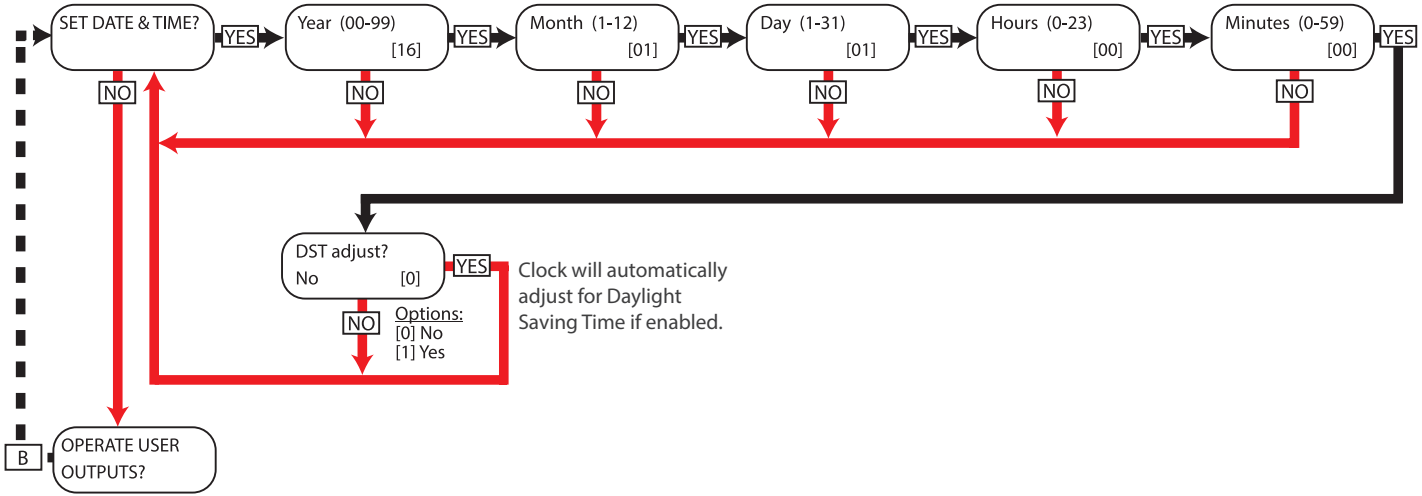
**NOTE 1:** Pressing the [A] key will exit the master manager menu at any main menu option above.

# Entering the Master Manager menu

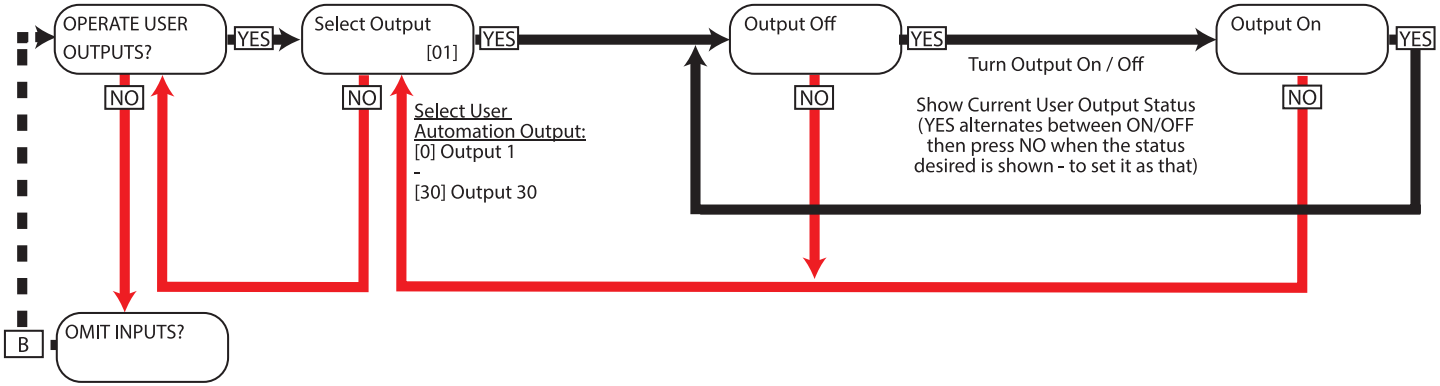



Default Master Code is: **2 2 2 2**
We recommend that
this is changed

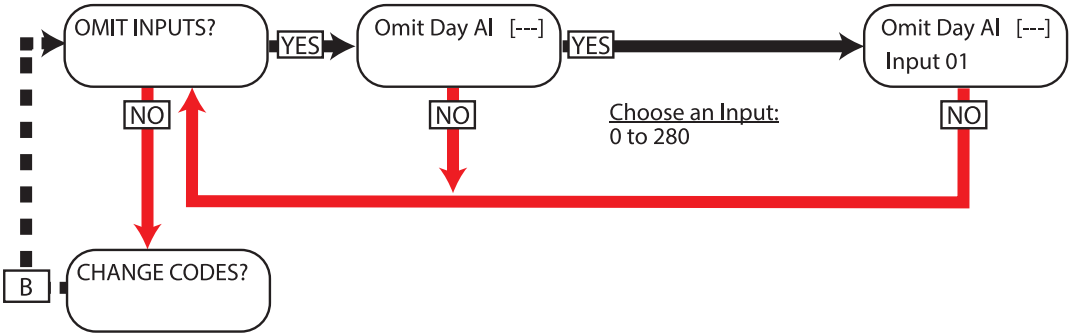
# Master Manager menu: Date and Time



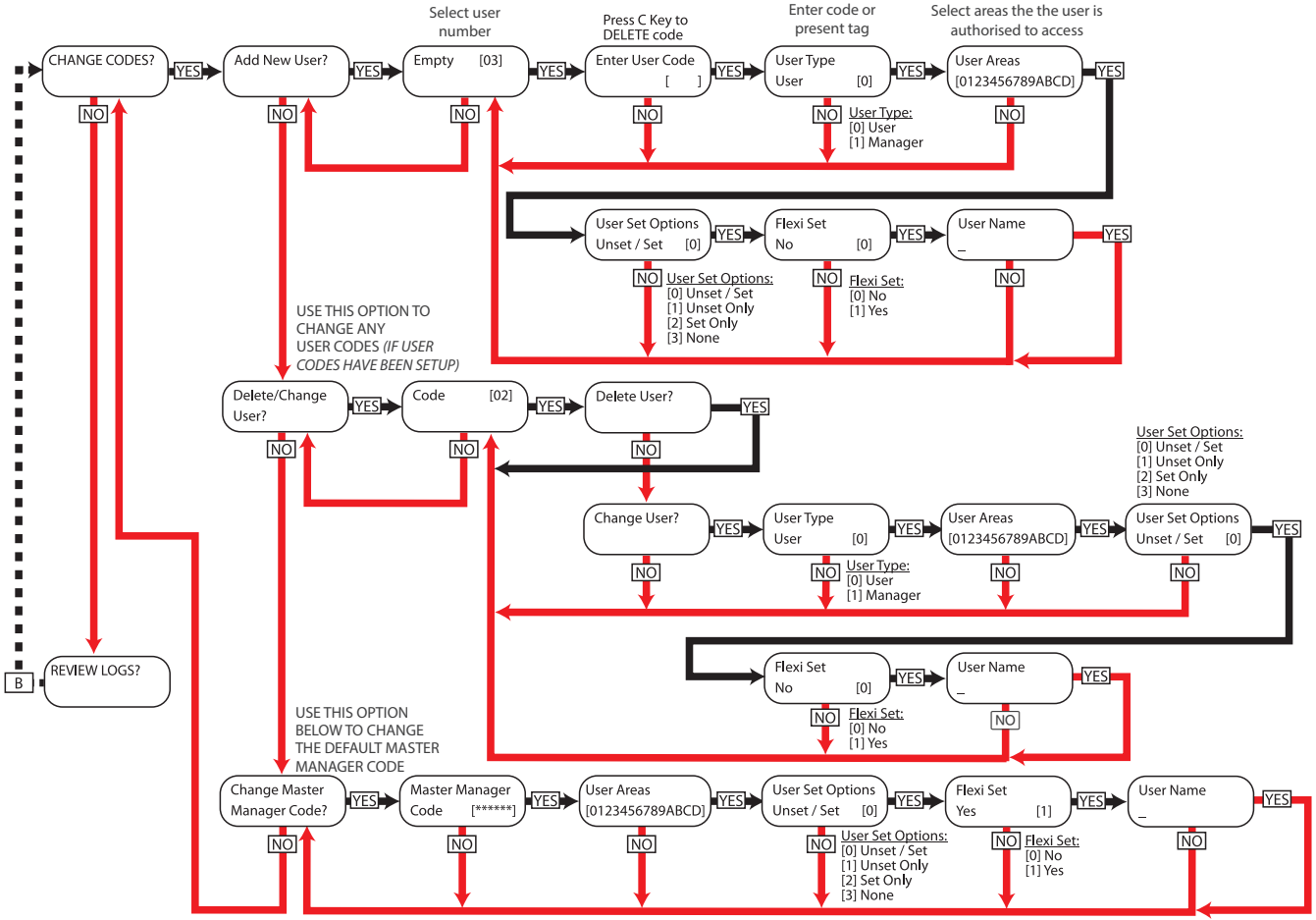
# Master Manager menu: Operate User Automation Outputs



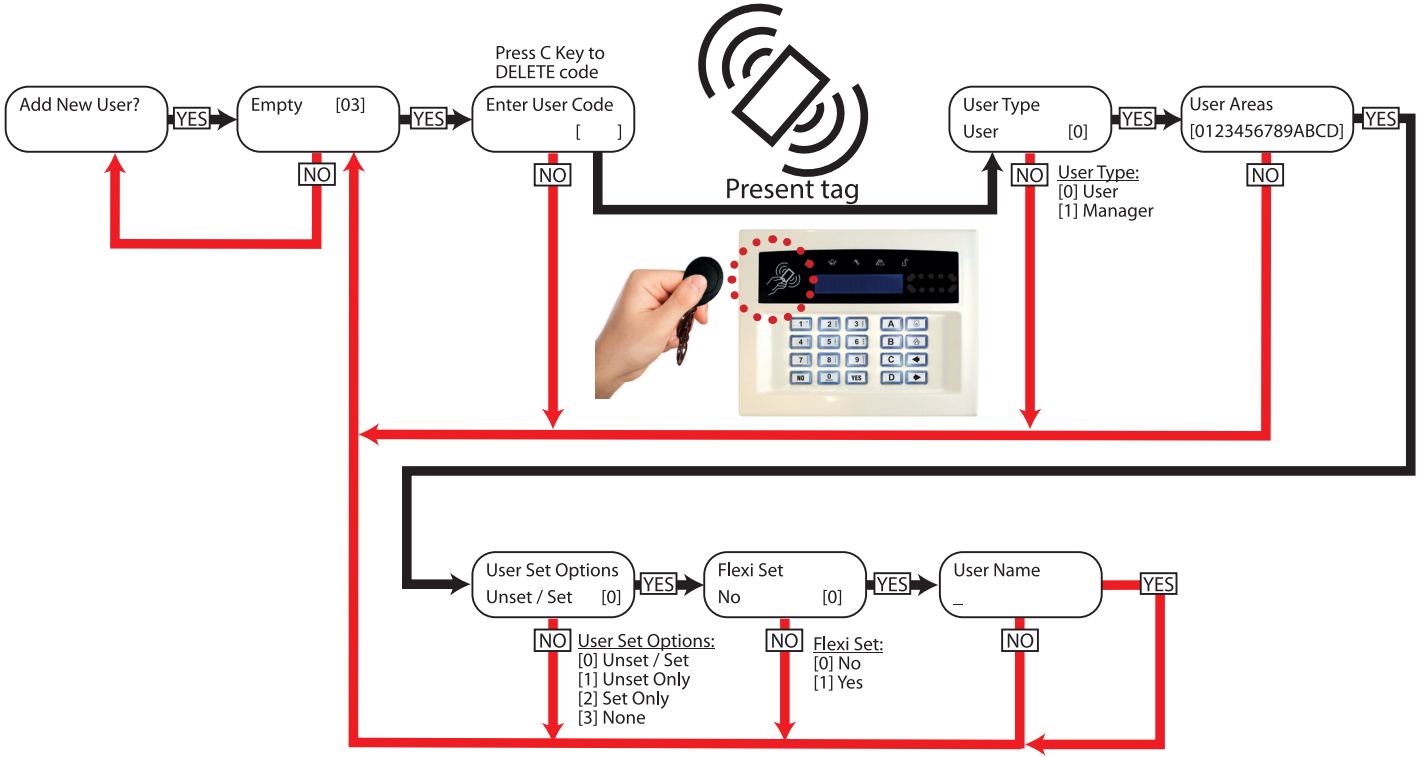

# Master Manager menu: Omit Inputs



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



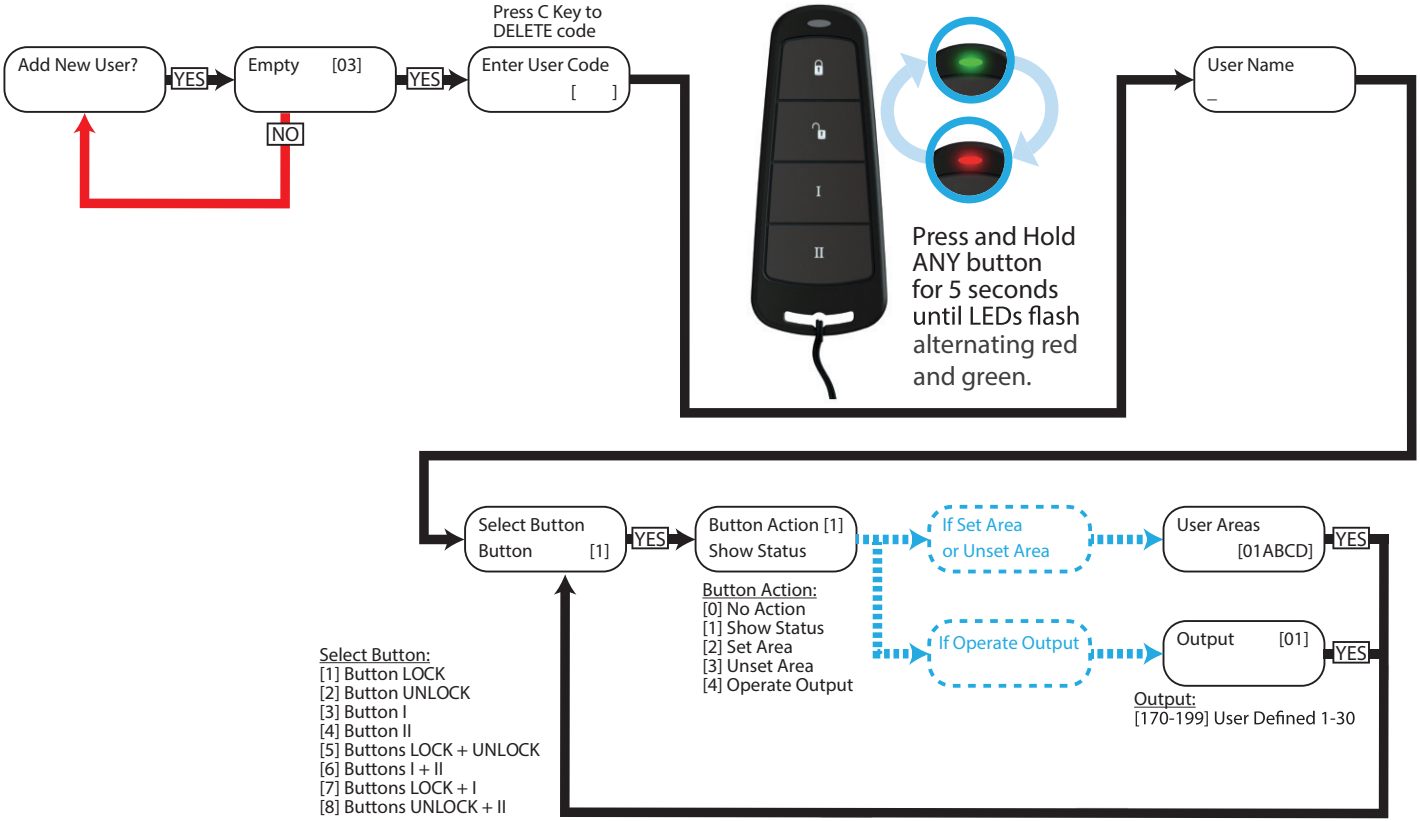
# Change Codes: Configure Proximity Tags




**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.

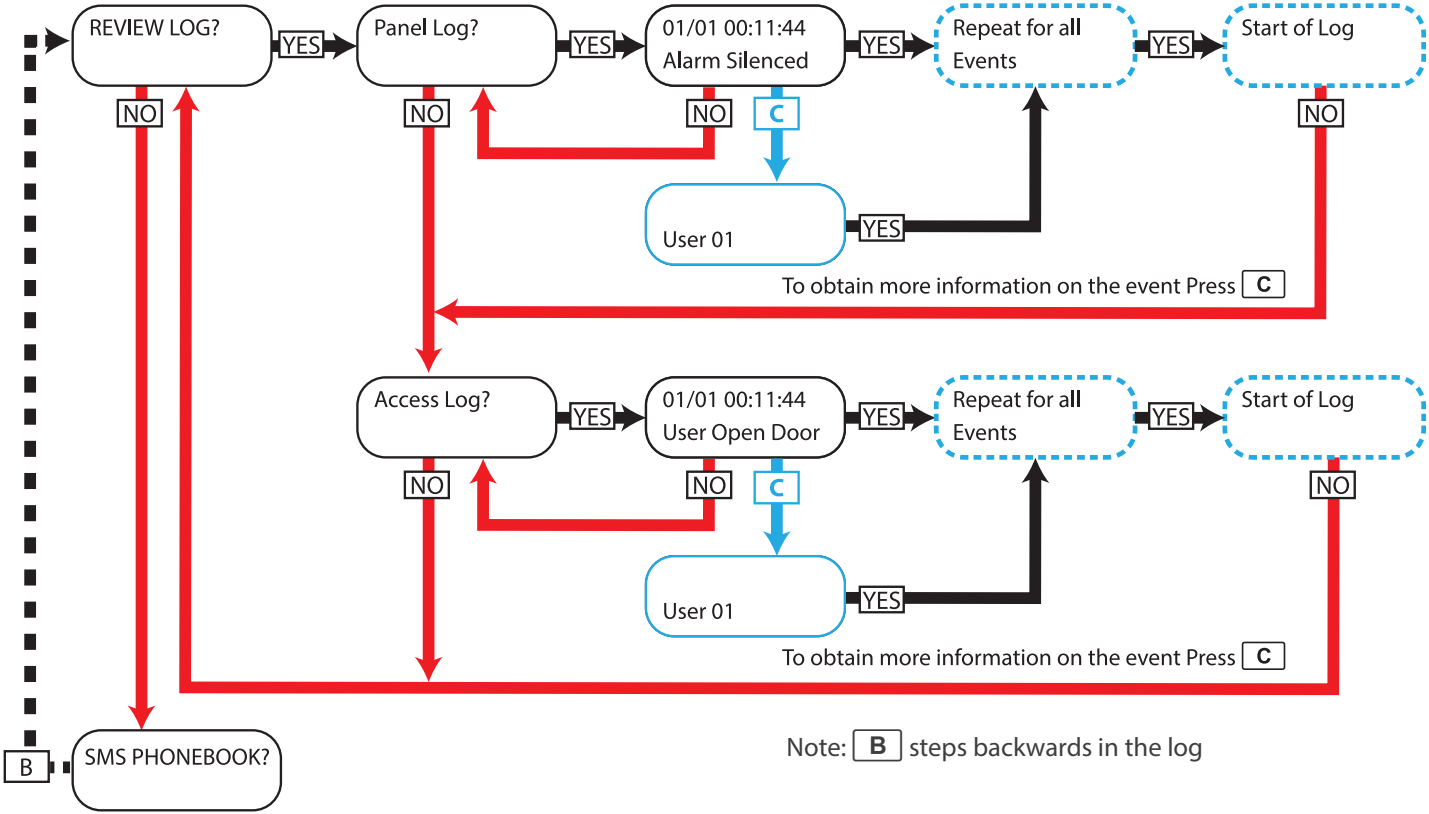
If selected as '**No**', the control panel will automatically set all areas that the panel/code is assigned to.

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

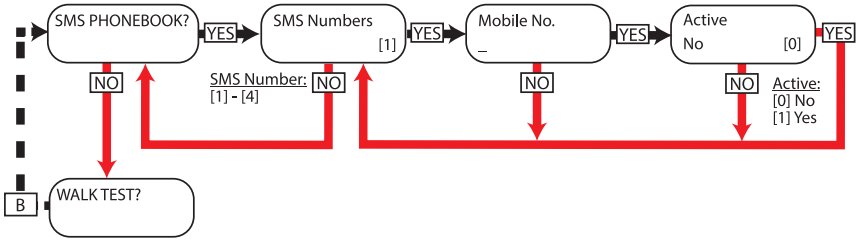


# Master Manager menu: Review Logs

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.

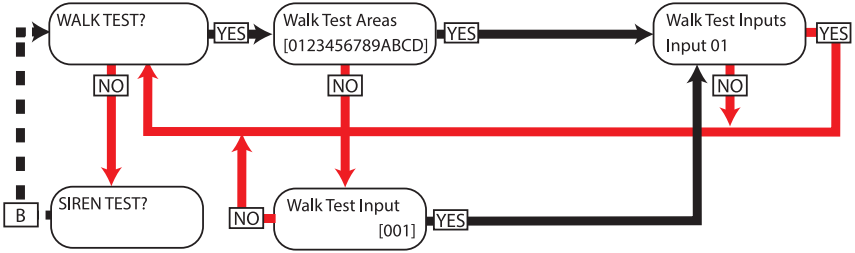


# Master Manager menu: SMS Phonebook



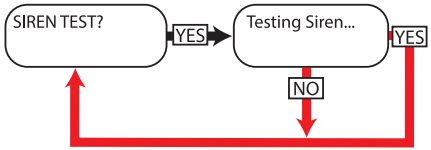

**NOTE:** UK numbers can be entered with or without an international dialling code (e.g. +44). If you need to enter an international dialling code to send the message to a foreign SIM card, use the **A** key to enter the '+' symbol.

# Master Manager menu: Walk Test

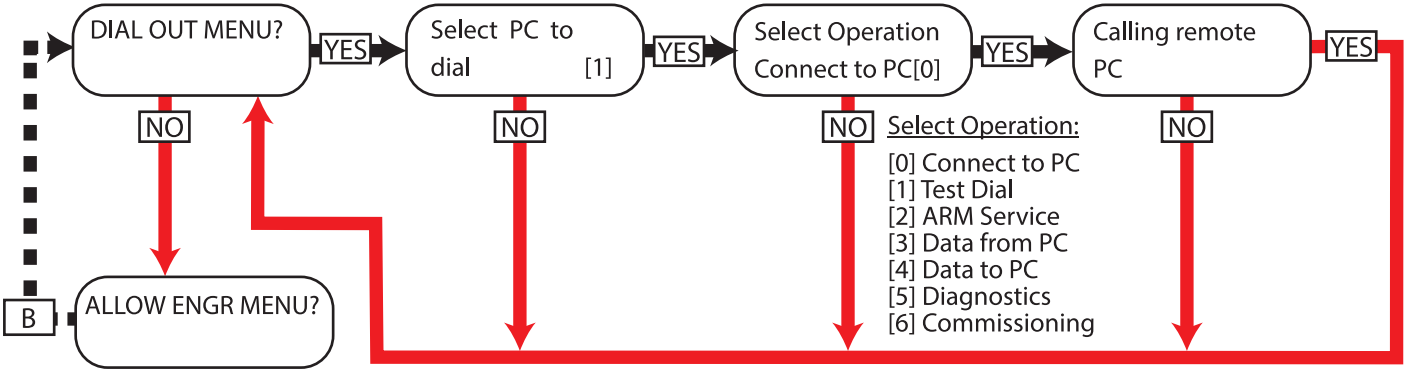



**NOTE:** Select the Areas that you would like to 'walk test' and then walk around those areas in your property in order to trigger the detectors in every area selected in the 'walk test areas' menu. Once you have done this you will see 'walk test complete' displayed on the keypad.

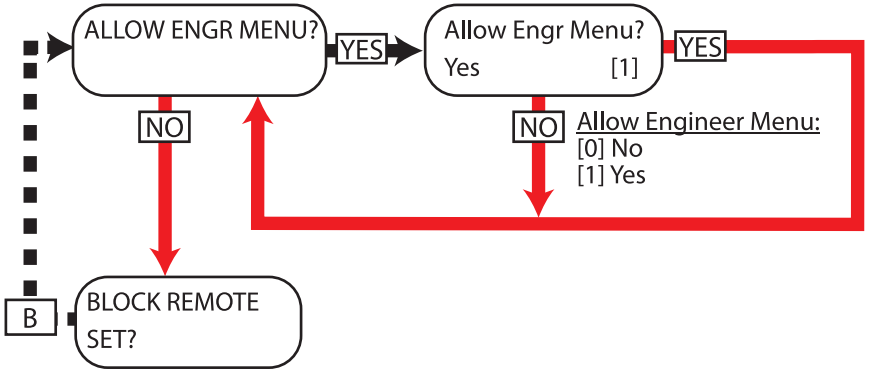
# Master Manager menu: Siren Test



# Master Manager menu: Dial Out Menu

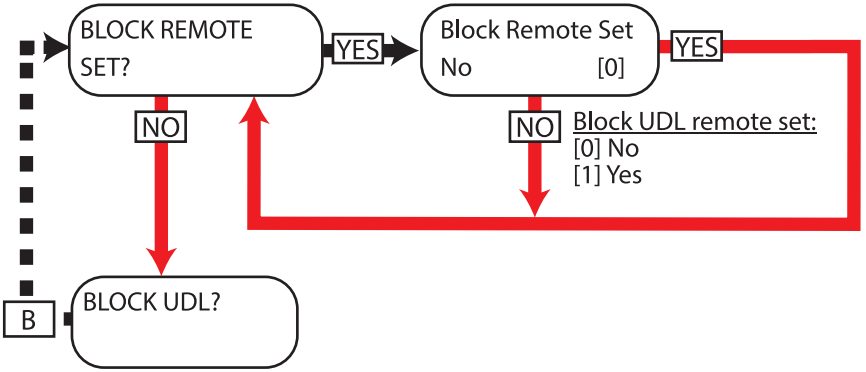



# Master Manager menu: Allow Engineer Menu



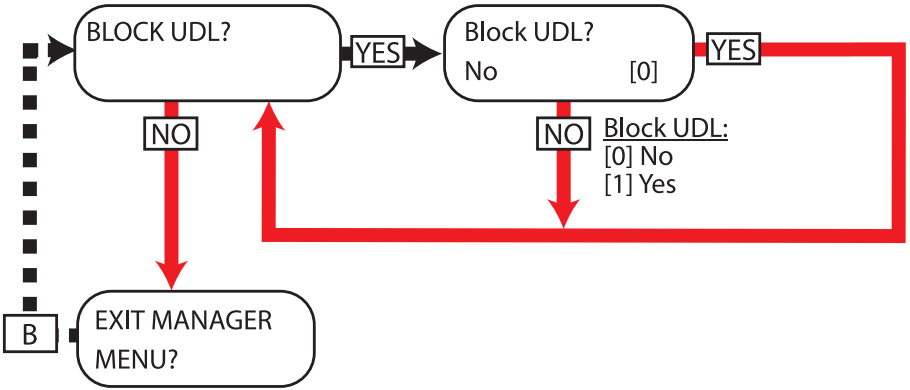

This function can be used to disable the engineer menu so that your installation engineer cannot change settings unless you first allow access.

# Master Manager menu: Block Remote Set



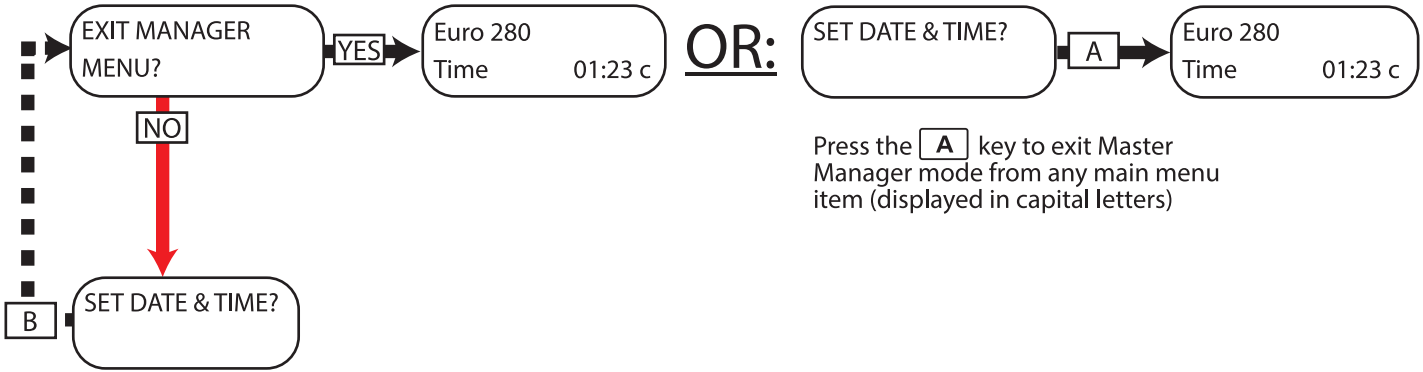

This function will block any attempt made to set or unset via the UDL software (if enabled /set to [1] ).

# 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: Exit Master Manager menu




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

# 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: | **II** |
| Other Comments: | |

# User Tables

| User | Name | Code/Tag |
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| User | Name | Code/Tag |
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# 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).

# Notes

# 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+A1:2014**
**EN50131-5-3:2005+A1:2008**
**Security Grade 2 & 3**
**Environmental Class II**

Pyronix

Secure Holdings, Pyronix House, Braithwell Way, Hellaby, Rotherham, S66 8QY, United Kingdom.