HomeControl+ User Manual

Connect to your home from anywhere in the world.

Software version 2.0

RINS1710-1

Pyronix®

www.pyronix.com

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Two Way Wireless High Security

The HomeControl+ Panel is a wireless alarm system designed with you in mind. Installation is quick and easy, with minimal maintenance.

Protecting your home with a vast array of unique features and utilising innovative two-way wireless technology, the HomeControl+ Panel's devices are constantly communicating, using our High Security Wireless Encryption Protocol.

Where other conventional wireless systems can be 'asleep' for up to five minutes after each activation, you can be assured that your security is never compromised as the HomeControl+ is always alert.

Engineered to be secure, reliable and easy to use, it includes the following features:

Battery Monitoring/Saving

Advanced technology preserves the battery life of each wireless device.

The HomeControl+ Panel also informs you a month 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+ 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 HomeControl+ Panel via three colour LEDs:

System set: A RED LED will illuminate.

System unset: 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 Hold-Up alarms.

Up to 32 wireless keyfobs can be added to your HomeControl+ 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 HomeControl+ Panel individually. The keyfob also allows you to individually set or unset every area, giving you total control of your system.

User Automation Outputs

The HomeControl+ Panel gives you the option to operate up to 20 devices (such as: gates, lights, sprinklers.), via your keypad or remotely via your keyfob or HomeControl+ App.

HomeControl+ App and SMS notifications

Your HomeControl+ 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.

Operating the HomeControl+ Panel

Default Master Manager Code: 2222

Setting/Unsetting Methods:

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

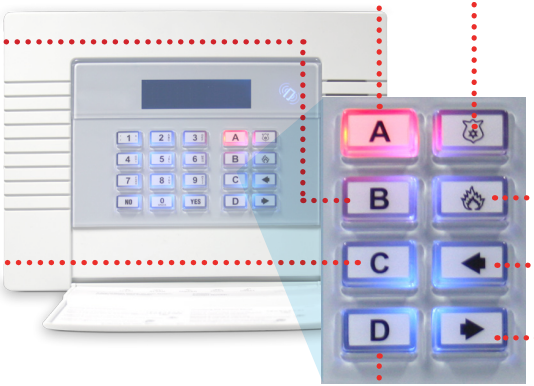
How to navigate through the menus/Button Operations

Press to quick exit menu/selects Area A.

Press to move backwards to the previous main menu item/selects Area B.

Press to move back to the previous option in a sub-menu/ displays additional information in the log/selects Area C.

Scrolls forwards in the log/selects Area D/to allow entry of the Master Manager code.



Used to trigger Hold Up (HU) alarms - only if enabled by your engineer.

Used for fire alarms - only if enabled by your engineer.

Directional buttons: press to move from one option into another while in a sub-menu/ move through text.

How to navigate through the menus/Button Operation

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

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

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.

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 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 HomeControl+ Panel or 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:

If you require a Hold-Up (HU) alarm, press and hold both the 1 and 7 keys or hold the police key for 3 seconds and a 'HU' alarm will be generated.

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

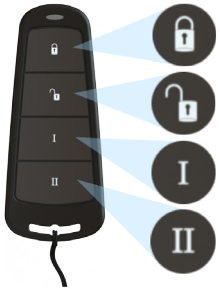
Fire Alarm from keypad:

If you want to add a fire alarm, press and hold the fire key for three seconds and a fire alarm will be generated.

Note: The fire alarm feature must be enabled by your engineer.

Using the Keyfob - The Buttons:

The wireless keyfob has four buttons that can be programed to 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.

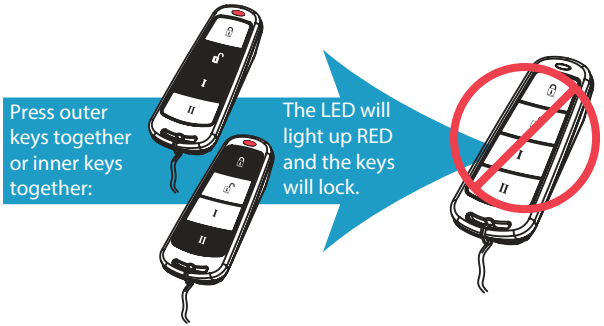
Programed for 'Unset Area': one or more areas will be unset when pressed.

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).
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:

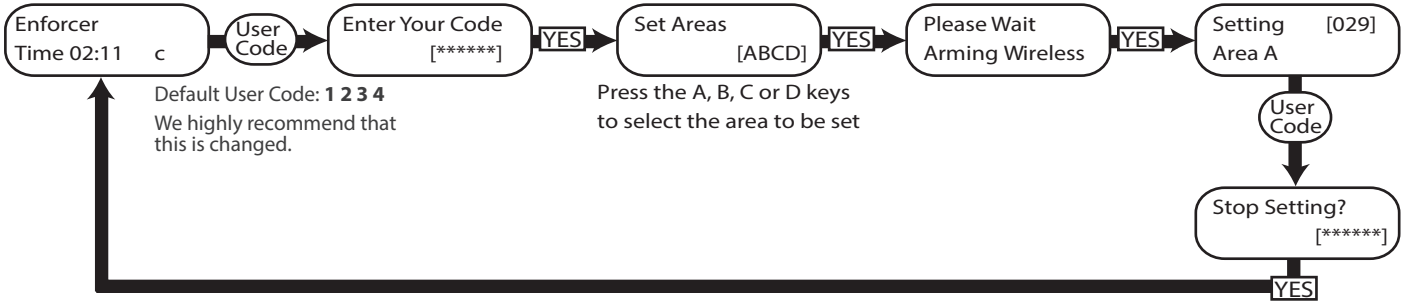
If you have chosen to program one of the keyfob buttons as 'Set Area', you can then opt to 'quick set' that area. When you press the button to set the area, the HomeControl+ Panel will begin to count down your exit time (depending on what exit mode has been programed by your engineer). Once this 'setting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

The unset LED on the HomeControl+ 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 HomeControl+ panel

There are four ways that you can set your HomeControl+ System.

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

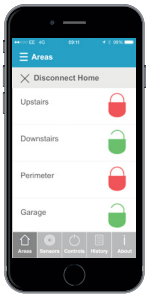


2. Present your tag and select any areas that are to be set, then press the YES button (presenting a tag takes you straight to the 'Set Areas' screen in the diagram above)

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.

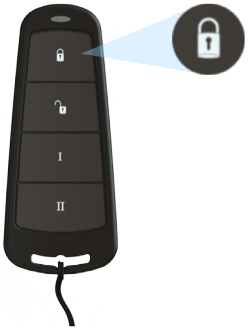
3. Open the HomeControl+ App on your mobile device and sign into your system with your user code and password details. Then touch the green (unset) padlock icons to turn them to red padlock icons and set those areas.

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



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

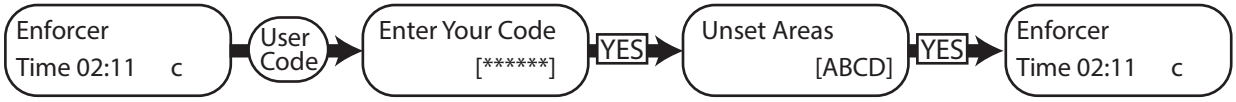
NOTE: The keyfob buttons can be programed in the Master Manager 'CHANGE CODES' menu by going to 'Delete/Change User' and selecting keyfob from the list of users.



Unsetting your HomeControl+ panel

There are four ways that you can unset your HomeControl+ System.

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



Default User Code: **1 2 3 4**
We highly recommend that this is changed.

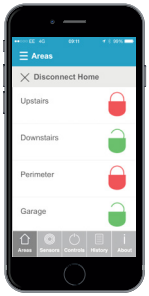
Press the A, B, C or D keys to select the area to be unset

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.

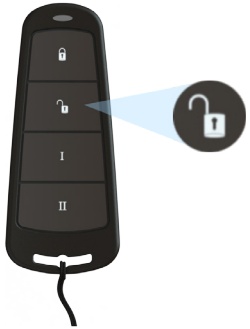
3. Open the HomeControl+ App on your mobile device and sign into your system with your user code and password details. Then touch the red (set) padlock icons to turn them to green padlock icons and unset those areas.

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



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

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

It is possible to set and unset your HomeControl+ 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:

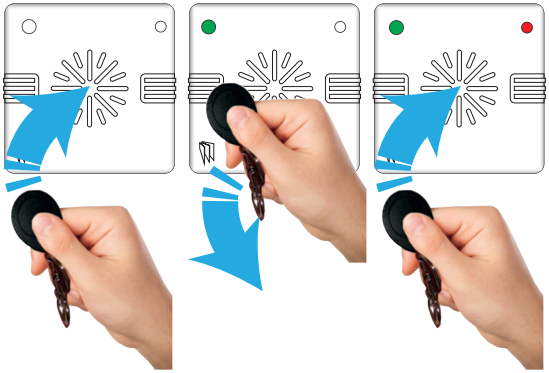
i. Present a valid tag to the reader and then remove it.
ii. The status will be shown (the alarm symbol will illuminate to indicate that the system is set on the internal reader, or the RED LED on the external reader).
iii. Present the same tag again within 10 seconds and the system will be unset and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

Access Control/Entry Control:

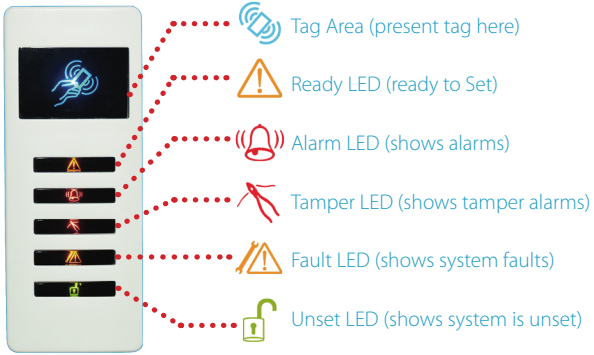
The readers can also be used for opening doors only, without the ability to set or unset. Please contact your installer for more information on this feature.

NOTE: If the HomeControl+ 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



SMS Commands

If you have the GPRS version of the HomeControl+ 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 HomeControl+ will send an 'incorrect command' message back to you.

Setting via SMS text command

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

Unsetting via SMS text command

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

Setting with inputs omitted via SMS text command

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

Omitting inputs via SMS text command

Example SMS command send:	**Description:**	**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 to be written as Garage-Door in the panel and the respective command will be Garage-Door.**
123456 Omit 6 123456 Omit Garage	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.	Input Omit; Area A Input 06 Input Omit; Area A Garage	

Checking the system status vis SMS text command

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

Operating the User Automation Outputs via SMS text commands

Example SMS command send:	Description:	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 to be written as Garage-Door in the panel and the respective command will be Garage-Door.
123456 Output 1 On	123456 = User Code. User Output 1 turns on.	OUTPUT 1 ON	**NOTE: The user automation outputs can be also activated via the keypad or the keyfob.**
123456 Output Garage-Door On	123456 = User Code output Garage-Door on = Turns output named as Garage-Door on.	OUTPUT Garage-Door ON	
123456 Output Garage-Door Off	123456 = User Code output Garage-Door off = Turns output named as Garage-Door off.	OUTPUT Garage-Door OFF	

Checking the User Automation Outputs status via SMS text commands

Example SMS command send:	Description:	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 to be written as Garage-Door in the panel and the respective command will be Garage-Door.
123456 Output 1 Status	123456 = User Code. User Output 1 status check.	OUTPUT 1 ON or OUPUT 1 OFF	
123456 Output Garage-Door Status	123456 = User Code. Output Garage-Door status check.	OUTPUT Garage-Door ON or OUTPUT Garage-Door OFF	

Changing a Mobile Number via SMS text commands

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

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 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.
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.
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.
Check Credit	This function is to allow the use of network USSD codes to check the credit remaining on the installed SIM card.
Block UDL 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.

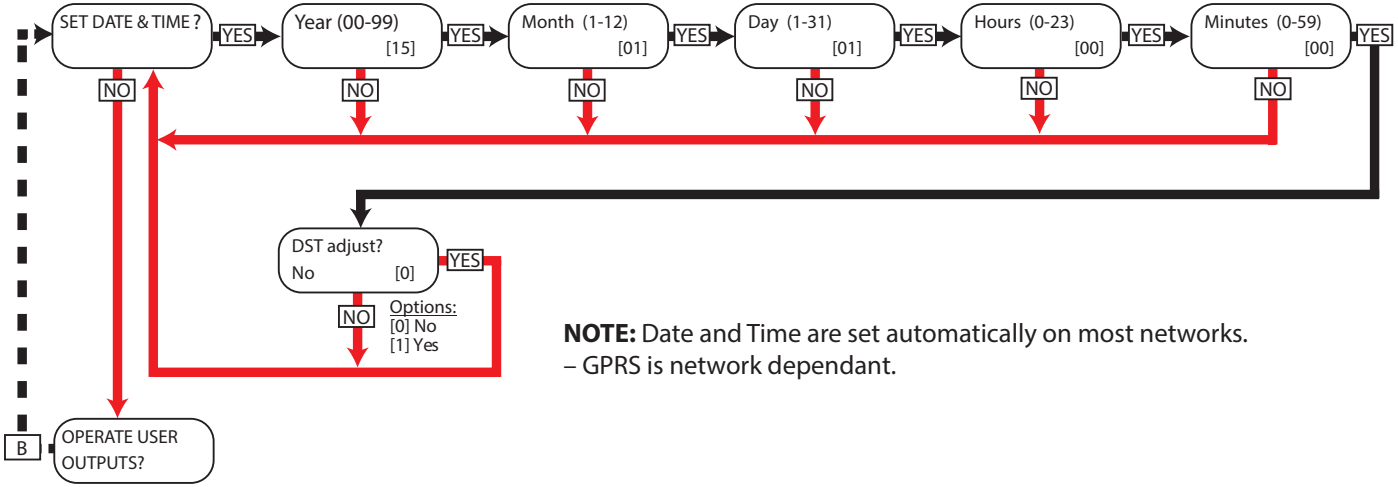
NOTE 1: Pressing the [A] key will exit the master manager menu at any main menu option above.

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

Entering the Master Manager menu

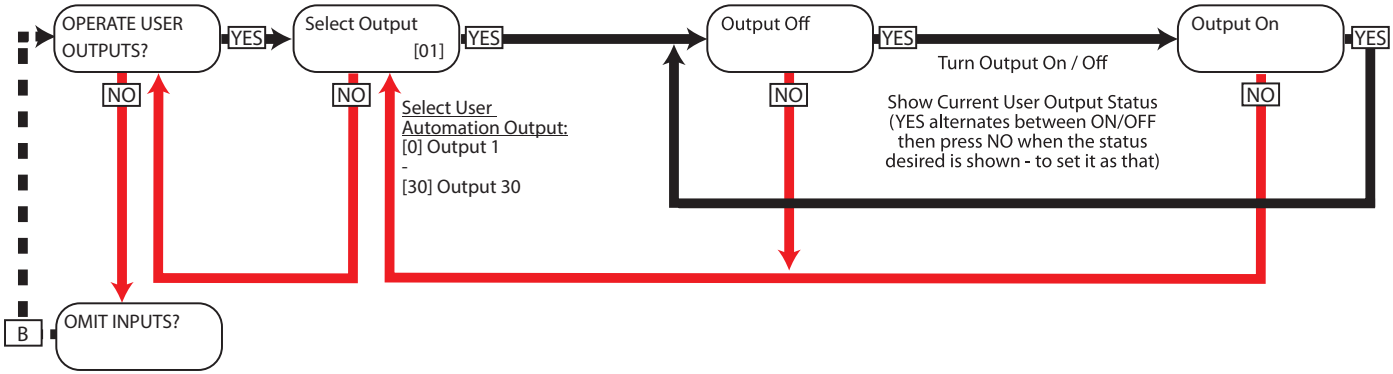
Default Master Manager code: 2222
We recommend that this is changed

Master Manager menu: Date and Time

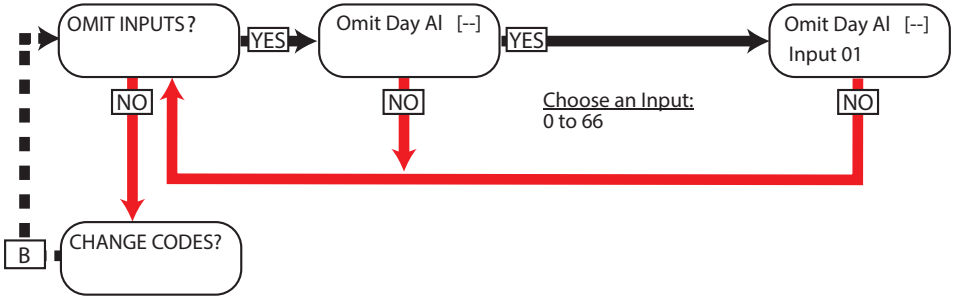


NOTE: Date and Time are set automatically on most networks.
– GPRS is network dependant.

Master Manager menu: Operate User Automation Outputs

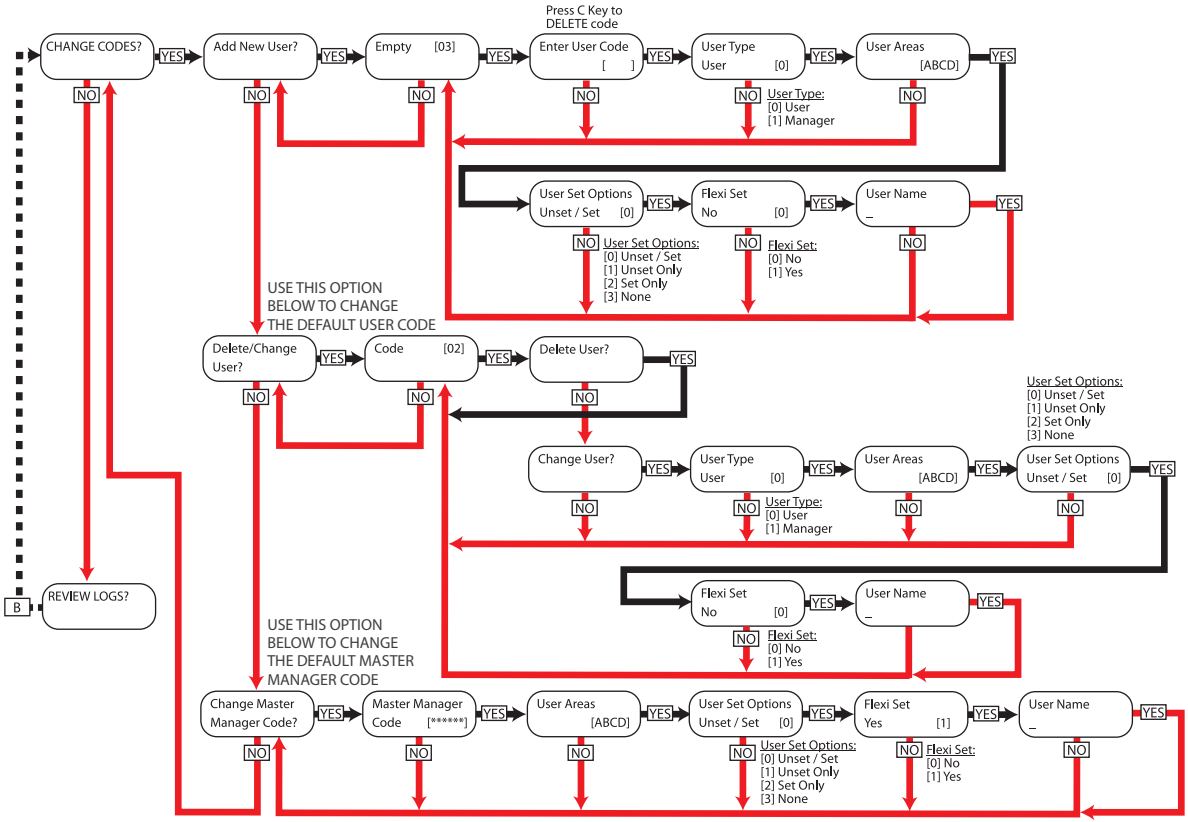


Master Manager menu: Omit Inputs

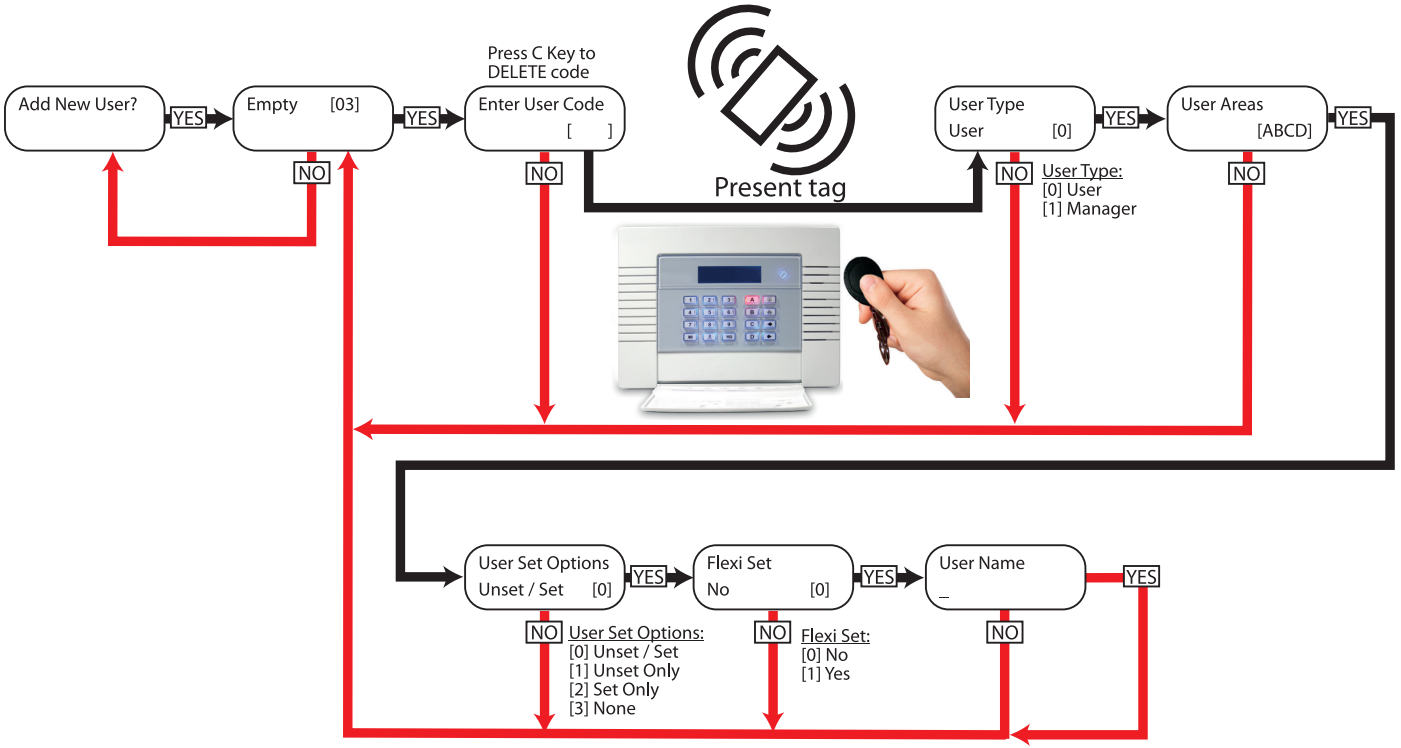


Master Manager menu: Change Codes

Change Codes: Configure User Codes

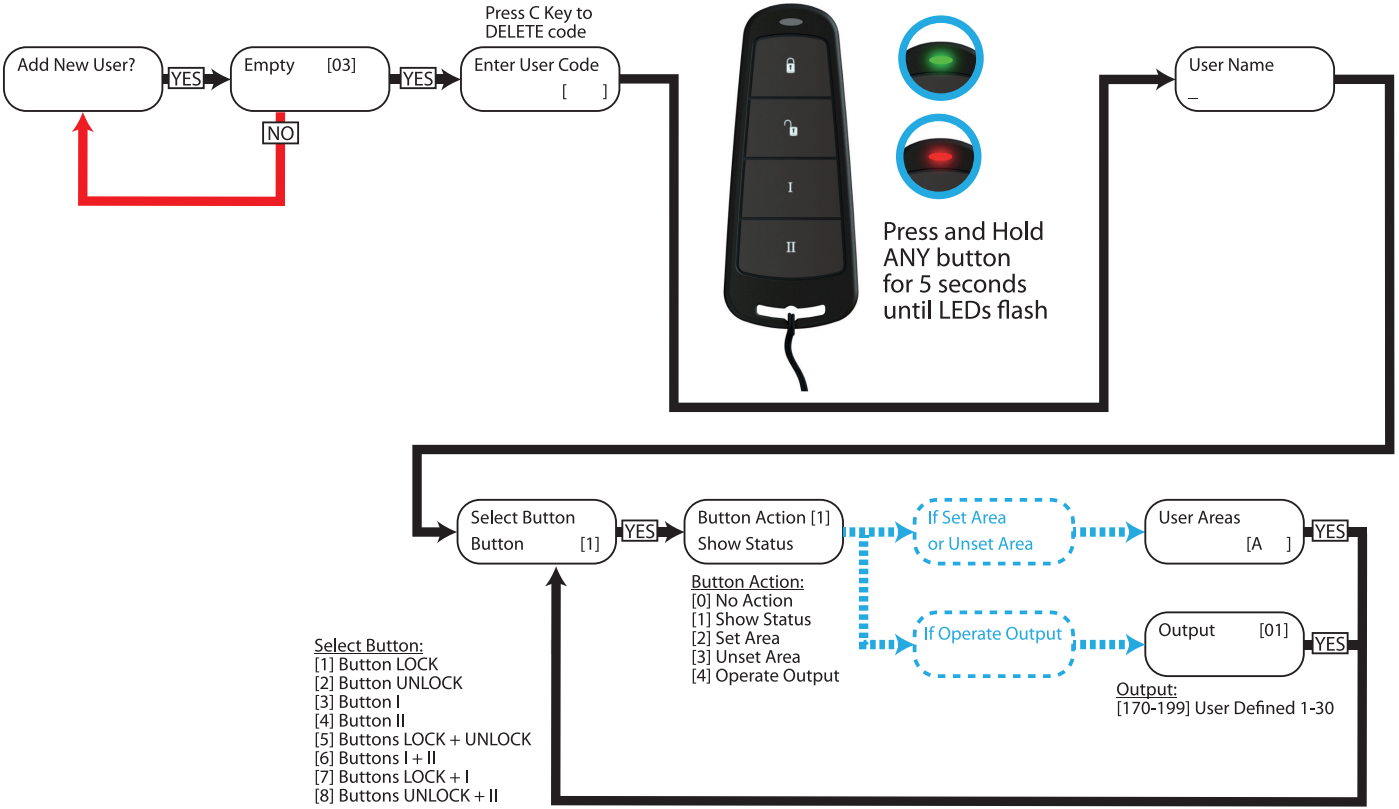


Change Codes: Configure Proximity Tags

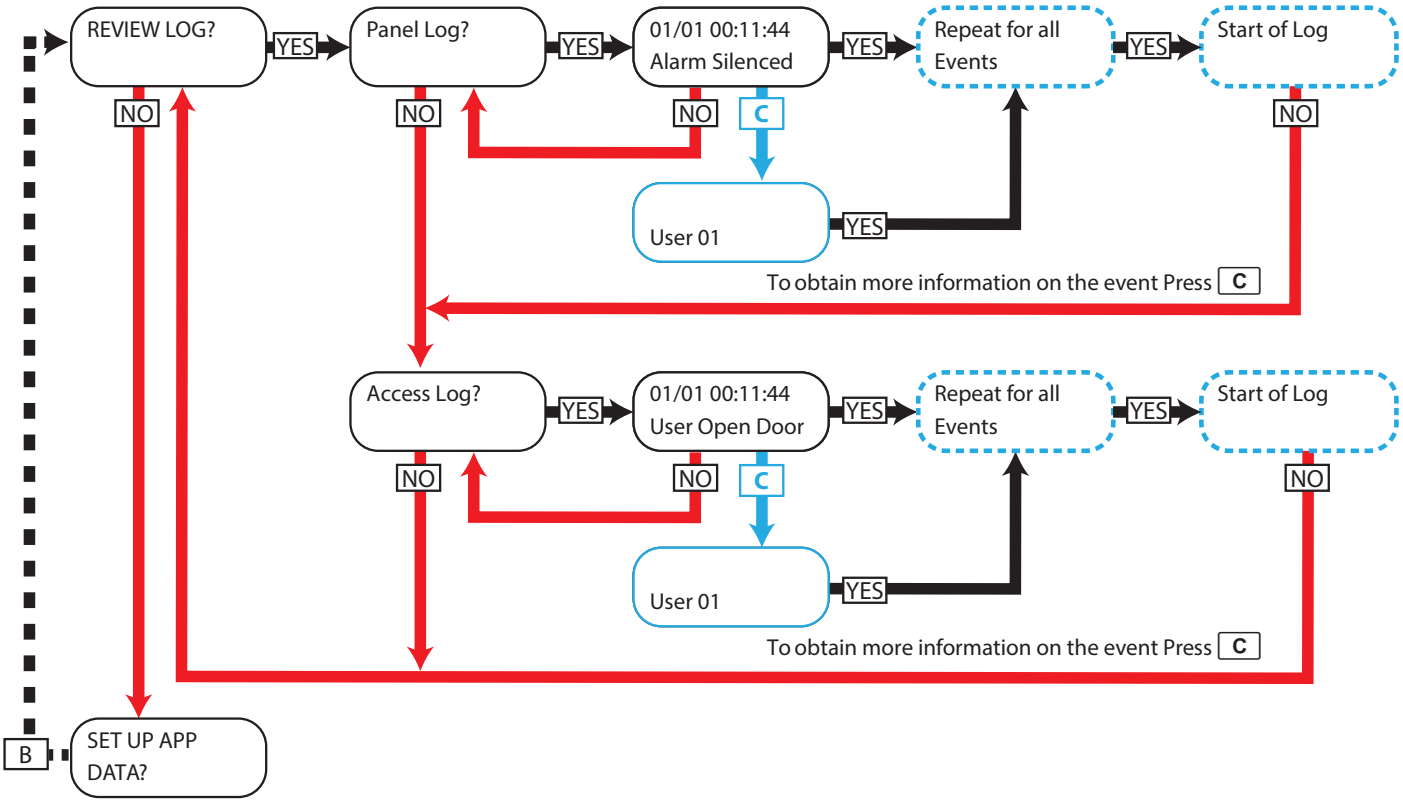


Flexi Set: If selected as 'Yes' you will be able to choose the area you wish to set after you have entered your user code or presented a valid tag.
If selected as 'No', the HomeControl+ panel will automatically set all areas the panel/code is assigned to.

Change Codes: Learn / Configure Keyfobs

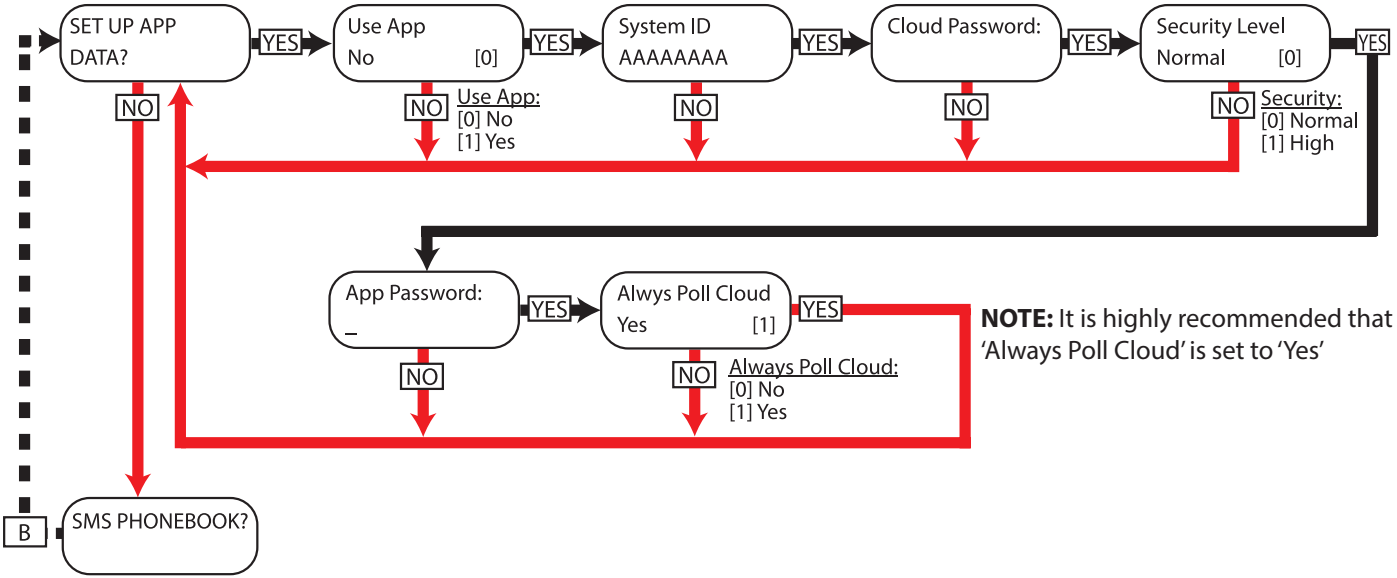


Master Manager menu: Review Logs



Master Manager menu: Set Up App Data

Security Level: Normal



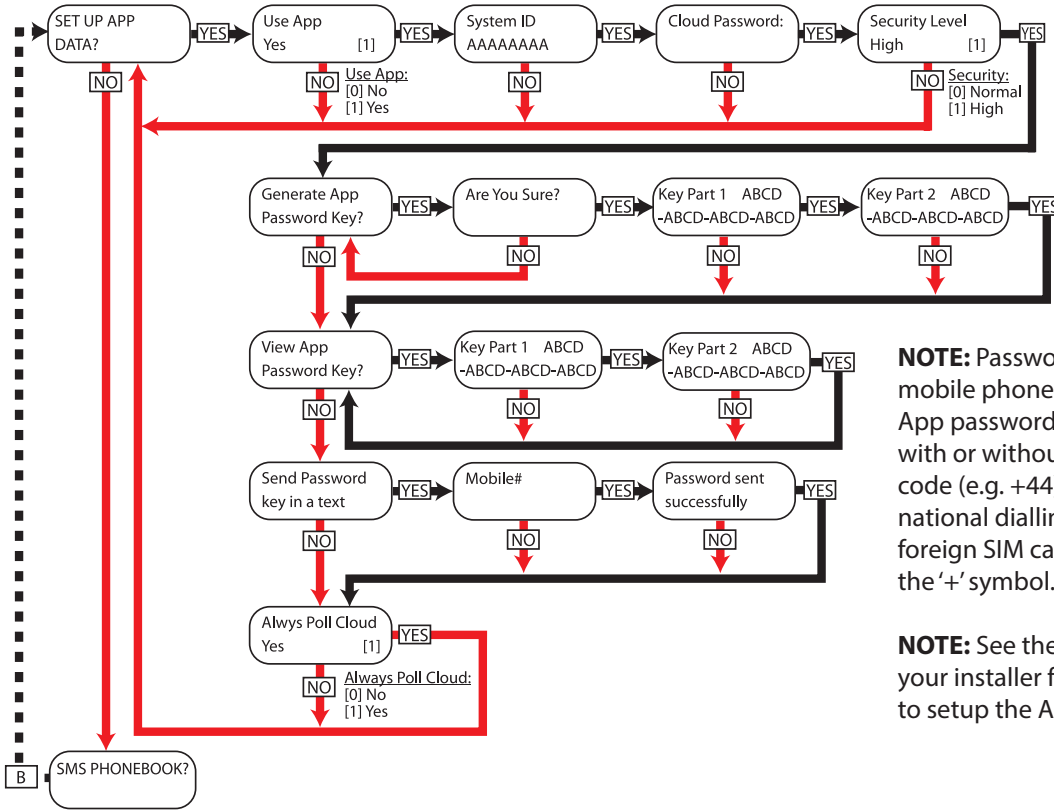
NOTE: It is highly recommended that 'Always Poll Cloud' is set to 'Yes'

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

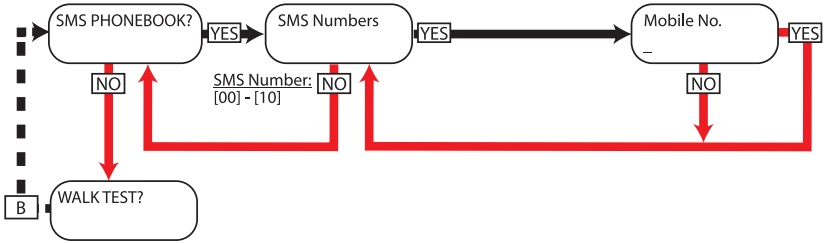
Security Level: High



NOTE: 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.

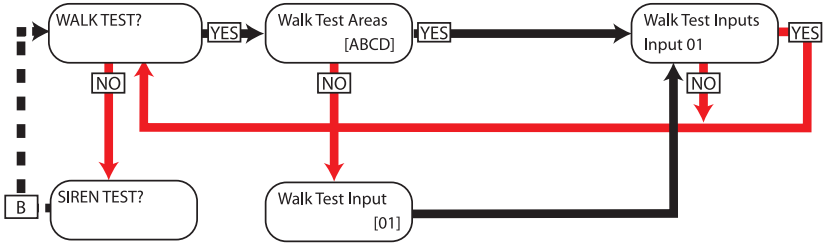
NOTE: See the App Setup guide or contact your installer for more information on how to setup the App.

Master Manager menu: SMS Phonebook

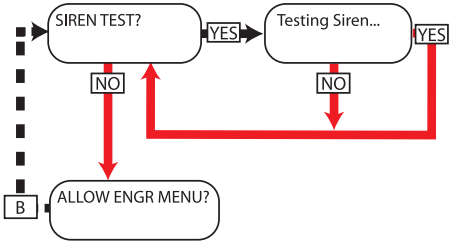


NOTE: UK numbers can be entered with or without an international dialling code (e.g. +44). If you need to enter an international dialling code to send the key to a foreign SIM card –use the **A** key to enter the '+' symbol.

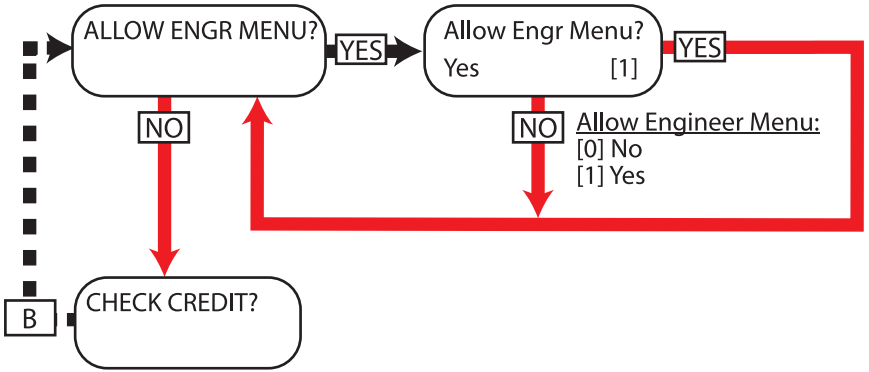
Master Manager menu: Walk Test



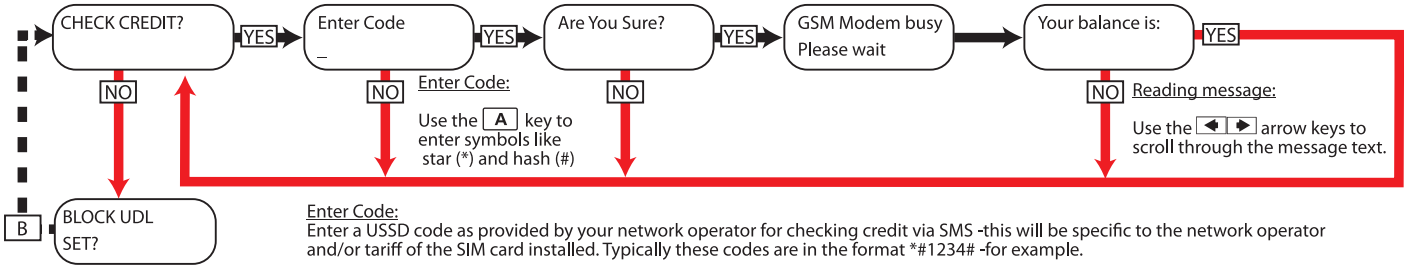
Master Manager menu: Siren Test



Master Manager menu: Allow Engineer Menu

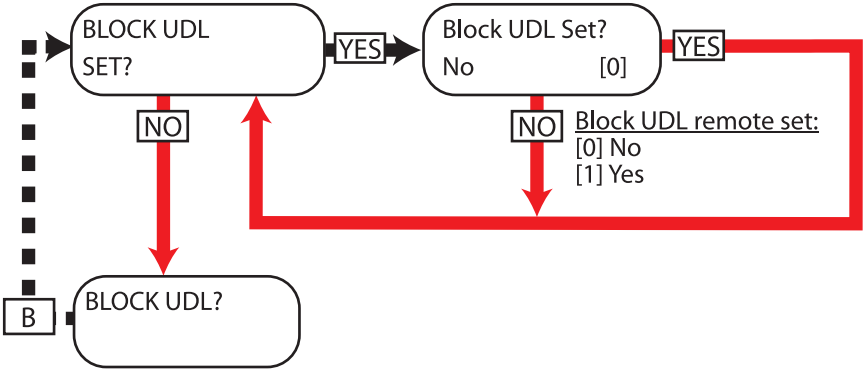


Master Manager menu: Check Credit



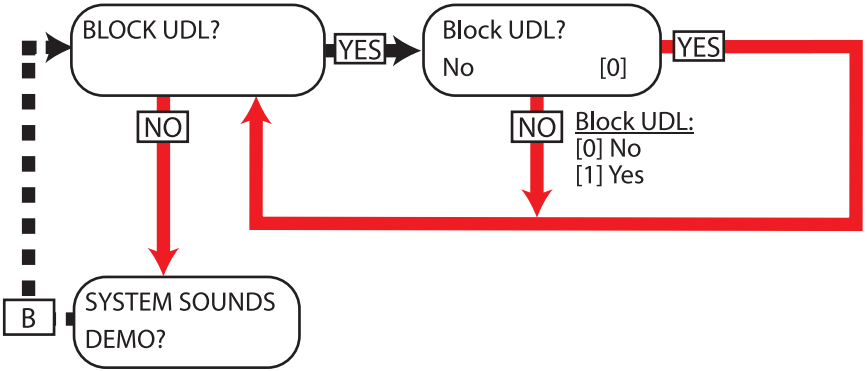
Enter Code:
Enter a USSD code as provided by your network operator for checking credit via SMS -this will be specific to the network operator and/or tariff of the SIM card installed. Typically these codes are in the format *#1234# -for example.

Master Manager menu: Block UDL Set



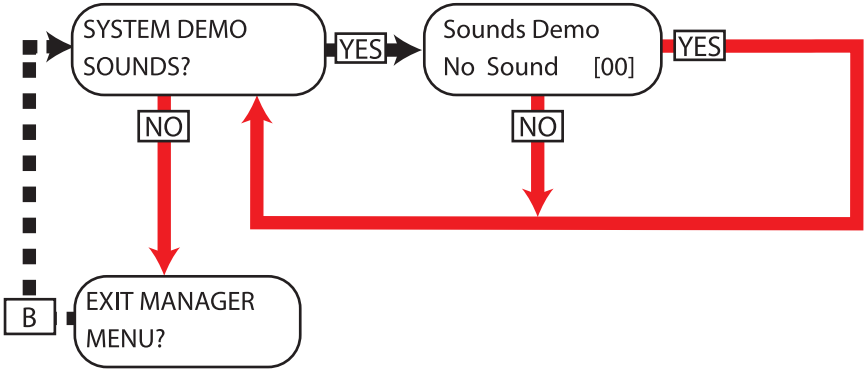
This function will block any attempt made to set or unset via the UDL software if enabled.

Master Manager menu: Block UDL



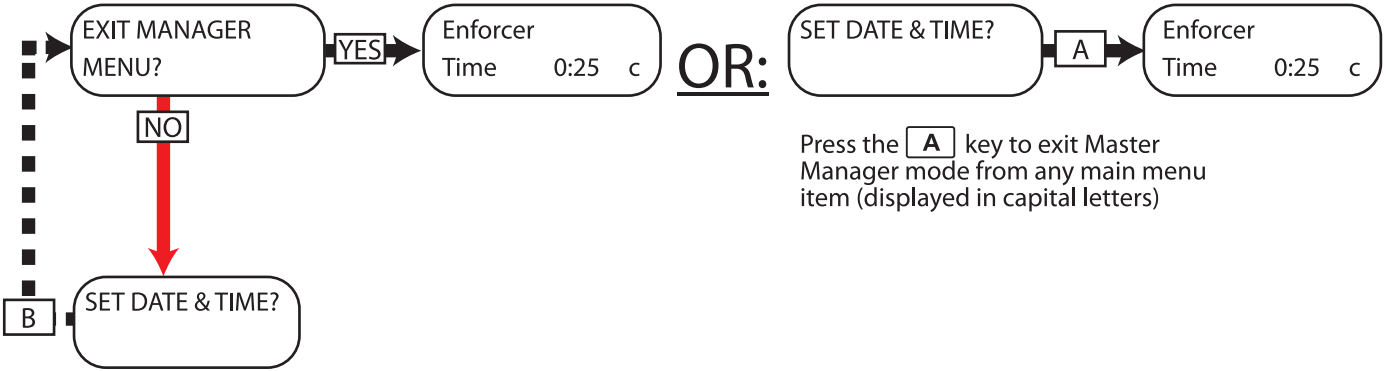
This function will block any attempt made to dial into the control panel to upload and download information if enabled.

Master Manager menu: System Sounds Demo



Sound Demo Options:
[00] No Sound
[01] Chime Single
[02] Chime Follow
[03] Exit
[04] Exit Fault
[05] Entry
[06] Tech Fault
[07] Tamper
[08] Alarm
[09] HU
[10] Fire

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

Input tables

Wireless Inputs	Input Name	Input Areas	Description	Wired Inputs	Input Name	Input Areas	Description
1				33 (I/O Board Z33)			
2				34 (I/O Board Z34)			
3				35 (ZEM 0)			
4				36 (ZEM 0)			
5				37 (ZEM 0)			
6				38 (ZEM 0)			
7				39 (ZEM 0)			
8				40 (ZEM 0)			
9				41 (ZEM 0)			
10				42 (ZEM 0)			
11				43 (ZEM 1)			
12				44 (ZEM 1)			
13				45 (ZEM 1)			
14				46 (ZEM 1)			
15				47 (ZEM 1)			
16				48 (ZEM 1)			
17				49 (ZEM 1)			
18				50 (ZEM 1)			
19				51 (ZEM 2)			
20				52 (ZEM 2)			
21				53 (ZEM 2)			
22				54 (ZEM 2)			
23				55 (ZEM 2)			
24				56 (ZEM 2)			
25				57 (ZEM 2)			
26				58 (ZEM 2)			
27				59 (ZEM 3)			
28				60 (ZEM 3)			
29				61 (ZEM 3)			
30				62 (ZEM 3)			
31				63 (ZEM 3)			
32				64 (ZEM 3)			
				65 (ZEM 3)			
				66 (ZEM 3)			

User Tables

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

Outputs Table

Wired Outputs	Latched / Timed	Type	Action
PGM (Onboard)			
STRB (Onboard)			
BELL (Onboard)			
User Output 1 (Output Module Address 0)			
User Output 2 (Output Module Address 0)			
User Output 3 (Output Module Address 0)			
User Output 4 (Output Module Address 0)			
User Output 5 (Output Module Address 0)			
User Output 6 (Output Module Address 0)			
User Output 7 (Output Module Address 0)			
User Output 8 (Output Module Address 0)			
User Output 9 (Output Module Address 0)			
User Output 10 (Output Module Address 0)			
User Output 11 (Output Module Address 0)			
User Output 12 (Output Module Address 0)			
User Output 13 (Output Module Address 0)			
User Output 14 (Output Module Address 0)			
User Output 15 (Output Module Address 0)			
User Output 16 (Output Module Address 0)			

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

EN50131-1:2006+A1:2009
EN50131-3:2009
EN50131-6:2008
EN50131-5-3:2005+A1:2008
Security Grade 2
Environmental Class II

CE

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