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A. Operating the PCX 46 App

Default Master Manager Code: 1234 Default Engineer Code: 9999



Arming/Disarming Methods:

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

Button Operations

- \blacksquare = Exit engineer 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.
- \mathbf{D} = Moves forward in the log / Selects area D.
- **0 1 2 3 =** Selects area 0, 1, 2, 3
- I Solution → Solut
- \blacksquare = 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

- \mathbf{x} = "NO" Press to move forward when in Engineer or Master Manger mode
- **B** = "BACK" Press to move backward when in Engineer or Master Manger mode
- = "YES" Press to enter in a submenu or option when in Engineer or Master Manger mode
- ▶ = Press to move from one option into another option while in a submenu
- **A** = Press to quick exit the Engineer 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 "LEARN WIRELESS DEVICE?". The sub-menus are indicated with small letters and they also end with a question mark, for example "Control Inputs?". Programmable options are indicated with small letters and do not finish with question mark (?) but Yes/No or other options are offered, for example "Bypass PA/Fire"

In order to navigate in the menu system one has to answer the questions in the main and sub menus. For example, if the question is "LEARN WIRELESS DEVICES?". Pressing \checkmark will bring you in the sub-menu "Control Inputs?". Pressing \checkmark (YES) will take you to the programmable options of this submenu. Pressing \checkmark 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.



B. Entering Engineers Menu



Default Engineer Code: 9999

NOTE: The Engineer can only disarm if it was armed initially with the engineer code.

1. Engineers Menu: Date + Time



2. Engineers Menu: Learn Wireless Devices





NOTE: This function can only be used if a PCX-RIX32-WE (Enforcer wireless expander) is installed on the PCX 46 App. **NOTE**: Keyfobs are learnt and programmed from the Master Manager Menu

3. Engineers Menu: Program Inputs





4. Engineers Menu: Program EOL?





*Indicates the value of the Single End of Line resistor

5. Engineers Menu: Install RIXs



6. Engineers Menu: Program Outputs







Program Output Types

Options

[0000] Not Used	[0021] Exi
[0001] Fire	[0022] Fin
[0002] PA Any	[0023] ST
[0003] Burglary Any	[0024] Un
[0004] Final Arm All	[0025] Ke
[0005] Open After Alarm	[0026] Arı
[0007] Tamper Any	[0027] Pu
[0008] Duress Any	[0028] Po
[0009] PA Device Any	[0031] En
[0010] Gas	[0032] Exi
[0011] Arm Fail	[0033] En
[0012] Entry Deviation	[0034] Lig
[0013] System Ready Any	[0035] Fol
[0014] Bell Any	[0036] Sh
[0016] Strobe Any	[0037] Re
[0017] Bypass Rearm Any	[0038] Re
[0018] Burglary Any	[0039] PIF
[0019] Ready All	[0040] PIF
[0020] Exit Starts All	[0041] AC

it Starts Any al Arm Any B If Arm Fail able To Arm eyswitch Disarm m With Bypass Ised Burglar Any wer Fault itry it itry/Exit hts llow Input unt Fault store 1 estore 2 R Latch 1 R Latch 2 Mains Good

[0042] PIR LED Enable [0043] Follow Test [0044] Off During Test [0048] Walk Test [0049] Detector Masked [0050] Follow 24 Hr [0051] Line/GSM Fault [0052] AC Mains Fail [0053] Battery Fault [0054] Low Volts [0055] Global Fault 1 [0056] Global Fault 2 [0057] German Relay [0058] Guard Code Used [0059] Engineer Access [0060] Follow Power Up [0063] Test UK STU [0064] Pre RM Service [0065] Follow NAT

[0066] ATE Pin not used [0067] Follow Chime [0170-0199] User Defined 1-30 [0202] PA A [0203] Burglary A [0204] Final Arm A [0207] Tamper A [0208] Duress A [0209] PA Device A [0210] Fire Reset A [0213] System Ready A [0214] Bell A [0216] Strobe A [0217] Bypass on Rearm A [0218] Burglary A [0219] Ready A [0220] Exit Starts A [0222-0240] Area B

[0242-0260] Area C [0262-0280] Area D [0282-0300] Area 0 [0302-0320] Area 1 [0322-0340] Area 2 [0342-0360] Area 3 [0620-0639] Logic Gates 0 - 20 [1001-1046] Inputs 01-46



7. Engineers Menu: Install Keypads/Readers





8. Engineers Menu: Program Timers





9. Engineers Menu: Change Codes





10. Engineers Menu: Volume Control





11. Engineers Menu: System Options

11.1 Engineers Menu: System Options->Options





11.2 Engineers Menu: System Options -> System Displays / Exit Options





12. Engineers Menu: View Event Logs



If a device on the PCX 46 App system is not installed correctly or has been lost from the bus, a device fail will be present. An example of each fault is as follows:

- Failure on the panel = "Control Panel, Battery Fault"
- Keypad address 3 (0-5 available) failure = "Device 3, Device Fail Kpd"
- Internal/External Tag Readers address 2 (1-5 available) failure = "Device 2, Device Fail Trd"
- Remote Input Expander address 0 (0-3 available) = "RIX-00, Device Fail ZEM"
- Remote Output Expanders address 0 (0-1 available) = "ROX-00, Device Fail ROX"

If a 'location name' is entered for a device, the location will be displayed on the keypad instead of the address, for example instead of "Device 3" for the Keypad will display "Entrance Corridor".



13. Engineers Menu: Engineer Tests





14. Engineers Menu: Diagnostics

14.1 Engineers Menu: Diagnostics->Wireless Devices





14.2 Engineers Menu: Diagnostics->Wired Devices & Communications





14.3 Engineers Menu: Diagnostics->Communications (if DIGI-GSM / DIGI-GPRS installed)



14.4 Engineers Menu: Diagnostics->Communications (if Digi-1200 (PSTN) installed)





14.5 Engineers Menu: Diagnostics->Communications (if DIGI-LAN installed)





15. Engineers Menu: Engineer Restore Options





16. Engineers Menu: Communications



App Set-Up

This function enables or disables communication with the PyronixCloud and HomeControl+ App. Refer to the User Manual for more information.

Network Set-Up

Programs the DIGI-GPRS, DIGI-LAN or DIGI-WiFi (for future use) to the PCX 46 *App* system.

Digi Modem Signalling

Enables the PCX 46 App Panel to signal either Contact ID IP or SIA 3 IP, or using the PSTN modem it can signal Contact ID or SIA Levels 1 & 3. All IP details and ARC setup are programmed in this menu.

SMS Signalling

Enables the **PCX 46** *App* Panel to signal via SMS messaging as well as SMS remote control.







Cloud Password: A password is required to allow remote access to the PyronixCloud.

App Password: A password is required to allow remote access to the HomeControl+ App.

NOTE: When creating passwords, please ensure that the password uses a variety of upper case, lower case, numbers and symbols to ensure the best security possible.







16.2 Engineer Menu: Communications-> Network Setup





16.3 Engineer Menu: Communications-> Digi Modem Signalling (ARC)



16.3.1 Engineer Menu: Communications-> Digi Modem Signalling, and ARC Sign-Up (Security Level: Standard)



each test call.





16.4 Engineer Menu: Communications-> SMS Signalling



NOTE 2: If 'Test Calls' is selected as 'Yes', the following menu strings will be displayed: 'Start Time Hours' and 'Set Time Minutes': The time the test call begins.

'Interval Days', 'Interval Hours' and 'Interval Minutes': The interval time between each test call.



17. Engineers Menu: Alarm Responses





18. Engineers Menu: Options Up/Downloading

18.1 Engineers Menu: Options Up/Downloading (via DIGI-1200 (PSTN))





18.2 Engineers Menu: Options Up/Downloading (via RS232 lead)



18.3 Engineers Menu: Options Up/Downloading (via Cloud)

18.3.1 Engineer Menu: Options Up/Downloading (Via Cloud) - Security Level: Standard











19. Engineers Menu: Software Revision



20. Engineers Menu: Factory Default





C. Exiting the Engineers Menu





D. Stand Alone Keypad Menu





E. Appendix 1: Alarm Event Type Table

			Event Types	Event Types			
Alarm Events	SIA 3 Contact for CID			for SMS			
		ID	Signalling	Signalling			
			✓ = Enable,	× = Disable			
Alarm Events in EVENT TYPE 1							
Final Arm	CL	3401	× ×				
System Auto Armed	CA	3403	~	×			
System Rearm	CP	3463	\checkmark	×			
	Alarm	Events in EV	ENT TYPE 2				
Forced Arm	CF	3401	×	×			
System Auto	OA	1403	×	×			
Disarmed							
Auto Arm cancelled	CE	3405	×	×			
by user							
	Alarm	Events in EV	ENT TYPE 3				
Special Disarm	OP	1401	×	×			
Access Exit Request	DX	1425	×	×			
	Alarm Events in EVENT TYPE 4						
Arm Fail	CI	1454	×	×			
	Alarm Events in EVENT TYPE 5						
Fire Input Active	FA	1110	~	×			
Burglary Alarm	BA	1130	~	×			
Perimeter Alarm		1131	✓	×			
Interior Alarm	BA	1132	✓	×			
Flood Active	WA	1154	\checkmark	×			
24h Alarm	BA	1133	\checkmark	×			
Entry Delay Alarm	BA	1134	\checkmark	×			
Tamper Alarm	TA	1137	\checkmark	×			
Expander Device	TA	1137	\checkmark	×			
Tamper							
Case Tamper	TA	1137	✓	×			
Tamper on Sensor	TA	1144	✓	×			
Gas Alarm	GA	1151	\checkmark	×			
Keybox Alarm		1250	\checkmark	×			
Bell Tamper	TA	1321	\checkmark	×			
Radio Jamming	XQ	1344	\checkmark	×			
Radio supervision	UY	1381	\checkmark	×			
failure							
Radio low battery	XT	1384	\checkmark	×			
No Input Activity -	NA	1680	\checkmark	×			
sent							

Alarm Events in EVENT TYPE 6 (recommended to use with SMS format only)						
Medical Alarm Send	MA	1100	×	✓		
Once						
Fire Alarm Send	FA	1110	×	\checkmark		
Once						
PA Alarm Send Once	PA	1120	×	✓		
Silent PA Alarm	HA	1122	×	\checkmark		
Input send Once						
Burglary Alarm	BA	1130	×	\checkmark		
Send Once						
Perimeter Alarm		1131	×	\checkmark		
Send Once						
Interior Alarm Send	BA	1132	×	\checkmark		
Once						
24h Alarm Send	BA	1133	×	√		
Once						
Entry Delay Alarm	BA	1134	×	\checkmark		
Send Once						
Tamper Alarm Send	TA	1137	×	✓		
Once						
Gas Alarm Send	GA	1151	×	\checkmark		
Once						
Keybox Alarm Send		1250	×	✓		
Once						
Alarm Events in EVENT TYPE 7						
Alarm Silenced	OR	1406	×	×		
	Alarm	Events in EV	ENT TYPE 8			
Confirmed Output	BV	1139	×	×		
	Alarm	Events in EV	ENT TYPE 9			
CCTV Line fail (Line	LT	1351	 ✓ 	×		
fail input)						
CCTV Line OK (Line	LR	3351	✓	×		
fail input)						
Telecom Line OK	LR	3351	✓	×		
(modem)						
Alarm Events in EVENT TYPE 10						
RS 485 Fault	IA	1300	\checkmark	\checkmark		
Low Volts	AT	1302	✓	✓		
Battery Critical	YT	1302	✓	\checkmark		
Battery Load Fail	ΥT	1309	\checkmark	\checkmark		
Battery Missing	YT	1311	✓	✓		



Battery Restore	YR	3311	✓	✓			
Modem Failed		1330	\checkmark	✓			
Expansion Device	ET	1333	\checkmark	✓			
Fail							
Expansion Device	ER	3333	\checkmark	✓			
Restored							
DIGI Fail Comms		1350	√	✓			
STU comms failure		1350	√	✓			
on STU input							
indication.							
Telecom line fault	LT	1351	\checkmark	✓			
(modem)							
Bypass Device Fault	UB	1572	\checkmark	✓			
at Rearm							
	Alarm	Events in EVE	NT TYPE 11				
System Restart		1305	\checkmark	×			
Reset To Factory		1305	\checkmark	×			
Default							
Deleted Code	JX	1306	✓	×			
Changed Code	JV	1306	\checkmark	×			
Site Changed	YG	1306	\checkmark	×			
Code Added	JV	1306	\checkmark	×			
Engineer reset		1313	\checkmark	×			
needed							
Engineer Reset	RN	3313	\checkmark	×			
Logs Cleared		1621	\checkmark	×			
Logs nearly full		1623	\checkmark	×			
Clock Set To	JT	1625	√	×			
PC - Clock set to	JT	1625	√	×			
	Alarm	Events in EVE	NT TYPE 12				
Disarm System	OP	1401	√	×			
	Alarm	Events in EVE	NT TYPE 13				
Engineer Access	LB	1627	\checkmark	×			
Engineer Exit	LX	1628	\checkmark	×			
	Alarm Events in EVENT TYPE 14						
Door Left Open	DL	1426	\checkmark	×			
Door Forced	DF		\checkmark	×			
	Alarm	Events in EVE	NT TYPE 16				
Invalid Tag	JA	1421	\checkmark	×			
	Alarm	Events in EVE	NT TYPE 17				
Input Special Log	UA	1146	×	×			
Switcher Opened							

Input Special Log Switcher ClosedUR3146**Share Events in EVENT TYPE 19Input Special Log OpenedUA1146**Input Special Log ClosedUR3146**Input Special Log ClosedUR3146**Sub Area DisarmedOG1402-*Sub Area SilencedOG1402-*Sub Area SilencedOG1402-*Sub Area Input DisarmedOG1402-*Sub Area Input SilencedOG1402-*Sub Area Input SilencedOG1402-*Sub Area Input SilencedOG1402-*Sub Area Input SilencedOG1402-*Sub Area Input Sub Area Input Sub Area InputOG1402-*Sub Area Input Sub Area Input Sub Area Input CG3402-*Sub Area Input ArmedCG3402-*Sub Area Input Sub Area AlarmAlarm Events in EVENT TYPE 23*Sub Area AlarmBA1130-*Sub Area AlarmBA1130-*Sub Area AlarmBH3130-*Sub Area AlarmBH3130-*Sub Area AlarmBH3133-*Sub Area AlarmBH3133-*Sub Area AlarmBH3133		Alarm I	Events in EVE	NT TYPE 18				
Switcher ClosedAlarm Events in EVENT TYPE 19Input Special Log OpenedUA1146×Input Special Log ClosedUR3146×Input Special Log ClosedUR3146×Sub Area DisarmedOG1402✓Sub Area SilencedOG1402✓Sub Area Input DisarmedOG1402✓Sub Area Input SilencedOG1402✓Sub Area Input SilencedOG1402✓Sub Area Input SilencedOG1402✓Sub Area Input Shunt ClosedOG1402✓Sub Area Input Shunt OpenedCG3402✓Sub Area Input Shunt OpenedCG3402✓Sub Area Armed Shunt OpenedCG3402✓Sub Area Alarm Shunt OpenedBA1130✓Sub Area Alarm Shunt OpenedBA1130✓Sub Area Alarm Shunt OpenedBA3132✓Sub Area Alarm Shunt OpenedBH3132✓Sub Area Alarm Shunt OpenedBH3133✓Sub Area Alarm Shunt OpenedSiSiSiSub Area Alarm Shunt O	Input Special Log	UR	3146	×	×			
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Alarm Events in EVENT TYPE 22Sub Area ArmedCG3402✓×Sub Area Input ArmedCG3402✓×Armed3402✓××Alarm Events in EVENT TYPE 23Sub Area AlarmBA1130✓×Alarm Events in EVENT TYPE 24Input Walk Tested1607××Alarm Events in EVENT TYPE 25vBurglary RestoreBH3130✓×Perimeter Restore3131✓×Interior Alarm RestoreBH3133✓×Entry Delay Alarm RestoreBH3137✓×Tamper RestoreTR3137✓×Tamper RestoreTR3137✓×Gas RestoreGH3151✓×Interior Sensor 	Shunt Closed		1402	✓	×			
Sub Area ArmedCG3402✓×Sub Area InputCG3402✓×Armed3402✓×Shunt Opened3402✓×Shunt Opened3402✓×Sub Area AlarmBA1130✓×Duration Sub Area AlarmBA1130✓×Marm Events in EVENT TYPE 231607××Input Walk Tested1607××Burglary RestoreBH3130✓×Burglary RestoreBH3131✓×Interior AlarmBH3132✓×RestoreBH3133✓×24h Alarm RestoreBH3133✓×Tamper RestoreTH3137✓×Case Tamper RestoreTR3137✓×Gas RestoreGH3151✓×Interior Sensor RestoreTH3130✓×Indiper On Sensor RestoreTH3137✓×Interior SensorTH3144✓×Interior SensorTH3151✓×Interior SensorTH3151✓×Interior SensorTH3151✓×Interior SensorTH3151✓×Interior SensorTH3151✓×Interior SensorTH3151✓×Interior SensorTH3150✓<		Alarm I	Events in EVE	NT TYPE 22				
Sub Area Input ArmedCG3402✓×Armed3402✓×Shunt Opened3402✓×Alarm Events in EVENT TYPE 23Sub Area AlarmBA1130✓×Alarm Events in EVENT TYPE 24Input Walk Tested1607××Alarm Events in EVENT TYPE 25vBurglary RestoreBH3130✓×Perimeter RestoreBH3132✓×Interior AlarmBH3132✓×RestoreBH3133✓×24h Alarm RestoreBH3133✓×Entry Delay AlarmBH3134✓×RestoreTH3137✓×Case Tamper RestoreTR3137✓×Gas RestoreGH3151✓×Interior Nensor RestoreTH3130✓×	Sub Area Armed	CG	3402	✓	×			
Shunt Opened3402✓×Alarm Events in EVENT TYPE 23Sub Area AlarmBA1130✓×Alarm Events in EVENT TYPE 24Input Walk Tested1607××Alarm Events in EVENT TYPE 25vBurglary RestoreBH3130✓×Perimeter RestoreBH3131✓×Interior AlarmBH3132✓×RestoreBH3133✓×24h Alarm RestoreBH3133✓×Tamper RestoreBH3133✓×Tamper RestoreTH3137✓×Tamper RestoreTH3137✓×Gas RestoreGH3151✓×Gas RestoreGH3151✓×Interior RestoreTH3300✓×	Sub Area Input Armed	CG	3402	\checkmark	×			
Alarm Events in EVENT TYPE 23Sub Area AlarmBA1130✓×Alarm Events in EVENT TYPE 24Input Walk Tested1607××Alarm Events in EVENT TYPE 25vBurglary RestoreBH3130✓×Perimeter RestoreBH3131✓×Interior AlarmBH3132✓×RestoreBH3133✓×Interior Alarm RestoreBH3133✓×Tamper RestoreBH3133✓×Case TamperTH3137✓×Tamper On SensorTH3144✓×Gas RestoreGH3151✓×ID line short restoreTR3300✓×	Shunt Opened		3402	\checkmark	×			
Sub Area AlarmBA1130✓×Alarm Events in EVENT TYPE 24Input Walk Tested1607××Alarm Events in EVENT TYPE 25vBurglary RestoreBH3130✓×Perimeter RestoreBH3131✓×Interior AlarmBH3132✓×RestoreBH3133✓×24h Alarm RestoreBH3133✓×Entry Delay AlarmBH3134✓×RestoreTH3137✓×Tamper RestoreTH3137✓×Gase Tamper RestoreTH3144✓×Gas RestoreGH3151✓×ID line short restoreTR3300✓×	Alarm Events in EVENT TYPE 23							
Alarm Events in EVENT TYPE 24Input Walk Tested1607××Alarm Events in EVENT TYPE 25vBurglary RestoreBH3130✓×Perimeter Restore3131✓×Interior AlarmBH3132✓×RestoreBH3133✓×24h Alarm RestoreBH3133✓×Entry Delay AlarmBH3134✓×RestoreTH3137✓×Case TamperTR3137✓×Restore××Gas RestoreGH3151✓×Keybox RestoreTR3300✓×	Sub Area Alarm	BA	1130	✓	×			
Input Walk Tested1607**Alarm Events in EVENT TYPE 25vBurglary RestoreBH3130'*Perimeter Restore3131'*Interior AlarmBH3132'*Restore*24h Alarm RestoreBH3133'*Entry Delay AlarmBH3134'*Restore*Tamper RestoreTH3137'*Case TamperTR3144'*Restore*Gas RestoreGH3151'*iD line short restoreTR3300'*	Alarm Events in EVENT TYPE 24							
Alarm Events in EVENT TYPE 25vBurglary RestoreBH3130✓×Perimeter Restore3131✓×Interior Alarm RestoreBH3132✓×24h Alarm RestoreBH3133✓×Entry Delay Alarm RestoreBH3137✓×Tamper RestoreTH3137✓×Case Tamper RestoreTR3137✓×Gas RestoreGH3151✓×Interior Sensor RestoreTH3300✓×	Input Walk Tested		1607	×	×			
Burglary RestoreBH3130✓×Perimeter Restore3131✓×Interior Alarm RestoreBH3132✓×24h Alarm RestoreBH3133✓×24h Alarm RestoreBH3133✓×Entry Delay Alarm RestoreBH3137✓×Tamper RestoreTH3137✓×Case Tamper RestoreTR3137✓×Tamper On Sensor Gas RestoreTH3144✓×Gas RestoreGH3151✓×iD line short restoreTR3300✓×	Alarm Events in EVENT TYPE 25v							
Perimeter Restore3131✓×Interior Alarm RestoreBH3132✓×24h Alarm RestoreBH3133✓×Entry Delay Alarm RestoreBH3134✓×Tamper RestoreTH3137✓×Case Tamper RestoreTR3137✓×Tamper On Sensor RestoreTH3144✓×Gas RestoreGH3151✓×ID line short restoreTR3300✓×	Burglary Restore	BH	3130	✓	×			
Interior Alarm RestoreBH3132✓×24h Alarm RestoreBH3133✓×Entry Delay Alarm RestoreBH3134✓×Tamper RestoreTH3137✓×Case Tamper RestoreTR3137✓×Tamper On Sensor RestoreTH3144✓×Gas RestoreGH3151✓×ID line short restoreTR3300✓×	Perimeter Restore		3131	\checkmark	×			
24h Alarm RestoreBH3133✓×Entry Delay Alarm RestoreBH3134✓×Tamper RestoreTH3137✓×Case Tamper RestoreTR3137✓×Case Tamper RestoreTR3137✓×Case Tamper RestoreTR3137✓×Case Tamper Gas RestoreTH3144✓×Gas RestoreGH3151✓×Keybox Restore3250✓×iD line short restoreTR3300✓×	Interior Alarm Restore	BH	3132	\checkmark	×			
Entry Delay Alarm RestoreBH3134Image: Constraint of the state	24h Alarm Restore	BH	3133	\checkmark	×			
Tamper RestoreTH3137✓×Case TamperTR3137✓×RestoreTH3144✓×Tamper On SensorTH3144✓×RestoreGas RestoreGH3151✓×Gas RestoreGH3151✓×ID line short restoreTR3300✓×	Entry Delay Alarm Restore	BH	3134	\checkmark	×			
Case Tamper RestoreTR3137✓×Tamper On Sensor RestoreTH3144✓×Gas RestoreGH3151✓×Keybox Restore3250✓×iD line short restoreTR3300✓×	Tamper Restore	TH	3137	✓	×			
Tamper On Sensor RestoreTH3144✓×Gas RestoreGH3151✓×Keybox Restore3250✓×iD line short restoreTR3300✓	Case Tamper Restore	TR	3137	\checkmark	×			
Gas RestoreGH3151✓×Keybox Restore3250✓×iD line short restoreTR3300✓×	Tamper On Sensor Restore	TH	3144	\checkmark	×			
Keybox Restore3250✓×iD line short restoreTR3300✓×	Gas Restore	GH	3151	✓	×			
iD line short restore TR 3300 ✓ ×	Keybox Restore	-	3250	\checkmark	×			
	iD line short restore	TR	3300	√	×			



Fuse fail restore	IR	3300	\checkmark	×	Duress Code	HA	1121	\checkmark	\checkmark
Bell Tamper Restore	YH	3321	\checkmark	×	Silent PA Alarm	HA	1122	\checkmark	\checkmark
Radio Jamming	XH	3344	\checkmark	×	Input				
restore					Silent PA Alarm	HH	3122	\checkmark	\checkmark
Radio Supervision	UJ	3381	\checkmark	×	Input Restore				
restore.					Wrong Code Entry	JA	1461	\checkmark	\checkmark
Radio low battery	XR	3384	\checkmark	×		Alarm E	vents in EVE	NT TYPE 29	
restore					Medical Alarm	MA	1100	×	×
	Alarm I	Events in EVEN	IT TYPE 26	•	Medical Alarm	MH	3100	×	×
Test Call	RP	1602	×	×	Restore				
	Alarm I	Events in EVEN	IT TYPE 27			Alarm E	vents in EVE	NT TYPE 30	
Mains Fail Alarm	AT	1301	\checkmark	×	Input Force Armed		1570	×	×
Mains Fail Alarm	AR	3301	\checkmark	×	Input Bypassed at	BB	1570	×	×
Restore					Rearm				
	Alarm I	Events in EVEN	NT TYPE 28		Input Bypassed	BB	1570	×	×
Fire Alarm	FA	1110	\checkmark	✓	Fire Input Bypassed	FB	1571	×	×
Fire Restore	FH	3110	\checkmark	✓	24h Input Bypassed	BB	1572	×	×
2 key PA	PA	1120	\checkmark	✓		Alarm E	vents in EVE	NT TYPE 31	
2 key PA restore	PR	3120	\checkmark	✓	Stopped Arming	OP	1406	×	×
PA Alarm	PA	1120	\checkmark	\checkmark	Abort		1406	×	×
PA Restore	PH	3120	\checkmark	\checkmark	PC dialled the papel		1412	×	×
					i e dialica die pullei				1

NOTE: Avoid enabling event types 5 and 6 together as this will cause double reporting.

Event type 6: The events in this event type is sent only once in one arming period and this is why it is recommended that this type is used for SMS reporting



F. Compliance

The PCX control panel is compliant to: EN50131-3:2009, EN50131-6:2008, EN50131-1:2006+A1:2009, EN50130-4:2011, EN50136-1:2012 EN50136-2:2013.

The PCX 46 large control panel is compliant to Security Grade 3 and Environmental Class II. The PCX 46 small control panel is compliant to Security Grade 2 and Environmental Class II.

GRADE 2 option A,B,C and D with DIGI-LAN (SP5) or DIGI-GSM (SP2) and DP1 (DIGI-LAN or DIGI-GSM with DIGI-1200) The use of the DIGI-GPRS (SP5) or DIGI-LAN (SP5) options "Grade 3 option A, B and D are supported."

NOTE: Reduction of range not supported.

All Wireless devices comply with the following EU requirements: ATS = Alarm Transmission System. WD = Warning Device

EMC Directive	2014/30/EU	Only the following are certified:-
Low Voltage Directive	2014/35/EU	KX10DP-WE, KX12DT-WE, KX10DTP-WE, KX15DC-WE, KX25LR-WE, KX12DQ-WE DIGI-LAN KF4-WE, DIGI-GPRS, MC2-WE, DELTABELL-WE, DIGI-1200
R&TTE Directive	1999/5/EC	App HomeControl+ not certified IMQ-Security Systems.

And meet the following standards where relevant:

EN 61000-6-3:2007+A1:2011	EMC. Generic emission standard. Residential, commercial and light industry
EN 50131-1:2006+A1:2009	Alarm systems - Intrusion and hold up systems
EN 50130-4:2011	Immunity requirements for components of fire, intruder and social alarm systems
EN 60950-1:2006+A12:2011	Information technology equipment. Safety. General requirements
EN 50131-5-3:2005+A1:2008	Grade 2. Interconnections for equipment using radio frequency techniques
ETSI EN 301489-3:2000	EMC. Radio equipment. Part 3: Short range devices (SRD) 9kHz to 40 GHz
ETSI EN 300 220	EMC. Receiver Class 1, Environmental Category 1
CEPT/ERC	Recommendation 70-03 Annex 1

Compliant operation is only guaranteed when installed and operated according to the relevant installation and user manuals.



G. Compliance

Notification Equipment	Grade 2 / Options					
	А	В	С	D		
Remotely powered audible WD (siren)	2	Optional	Optional	Optional		
Self-powered audible WD	Optional	1	Optional	Optional		
Main ATS	ATS 2	ATS 2	ATS 2	ATS 3		
Additional ATS	Optional	Optional	ATS 1	Optional		

GRADE 2 option A,B,C and D with DIGI-LAN (SP5) or DIGI-GSM (SP2) and DP1 (DIGI-LAN or DIGI-GSM with DIGI-1200) The use of the DIGI-GPRS (SP5) or DIGI-LAN (SP5) options "Grade 3 option A, B and D are supported."

App HomeControl+ not certified IMQ-Security Systems.

Access Levels

- Level 1: Access by any person; for example the general public.
- Level 2: User access by an operator; for example customers (systems users).
- Level 3: User access by an engineer; for example alarm company personnel.
- Level 4: User access by the manufacturer of the equipment.

NOTE: Alarm, tamper and fault indications will automatically be cleared within 3 minutes. If a user has finished viewing the information they can terminate the display instantly by pressing the \square key.

Access at levels 2, 3 and 4 may be achieved providing authorisation, equivalent to 1,000,000 key differs is achieved.

Please note: Technical functions (e.g. gas, fire and flooding) are not security graded and fall outside the scope of EN50131-1 and EN50131-3 Compliance labelling should be removed or adjusted if non-compliant configurations are used.













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