

Control Panels: Wireless

Control Panels: PCX

PCX 46

PCX 76i (Grade 3)

PCX 162i (Grade 3)

PCX 280i (Grade 3)

PCX 76i IP (Grade 3)

PCX 280i IP (Grade 3)

Control Panels: Matrix

Detectors: Confirmed

Detectors: Anti Mask

Detectors: Dual Tech

Detectors: KX Analogue PIR

Detectors: KX Digital PIR

Detectors: Ceiling PIR

Detectors: Analogue PIR

Detectors: Pet Immune

Detectors: External

Detectors: Breakglass

External Sounders: Invincibell

External Sounders: Deltabell

External Sounders: Belle

External Sounders: Decibell

Speech Diallers

IP Communication

Network

IP Monitoring

Accessories



PCX 162i (Grade 3)

8-162 Inertia Input Control Panel

The 162i control panel is suitable for almost every application; commercial, industrial or residential, provides you with reliable proven technology with outstanding flexibility and above all, you can rest assured that the range fully complies with all the latest industry regulations.

- 12 master area
- 15 Prox reader sub-areas
- Up to 162 fully programmable inputs
- Inputs can be programmed individually for shock sensors
- Up to 204 programmable outputs
- Up to 2000 memory event log
- Contact ID, SIA Level 3, Ademco fast, UDL via modem
- Contact ID, Fast Format SIA Level 3
- Fully electrical remote diagnostics
- Up/download capability via modem
- Proximity reader used to arm/disarm door entry control and access control
- Fully programmable auto-arm/disarm timer
- Up to 32 wireless inputs using Enforcer wireless devices














COMMERCIAL / RESIDENTIAL / INDUSTRIAL


Product Features

Features	Description
MSX	Memory Extension Card (MSX 162i)
Independent areas	Any input can be allocated to one or more areas (12)
Sub-Areas	Using proximity readers, the sub-areas can be armed/disarmed independently from main areas (15)
On-board inputs	The number of the inputs 'on-board' the PCX (8)
Maximum Inputs	Fully programmable inputs including inertia inputs (fast zones) (162)
Maximum wireless inputs	Fully programmable wireless inputs using Enforcer wireless devices (32)
Input loop configuration	Inputs can be individually programmed as SEOL, DEOL or double pole
Onboard outputs	The number of the outputs 'on-board' the PCX (4)
Maximum outputs	Maximum number of outputs (204)
User codes	Maximum number of user codes (200)
Communications	Contact ID, SIA Level 3, Ademco fast & UDL via modem
Arm points	LCD Keypads, internal and external proximity readers (16)
Internal & external proximity reader	Allows the user to arm/disarm door entry control and access control
Full electrical diagnostics	All the calibrated diagnostics can be read at the keypad and from the UDL software via modem or IP connection

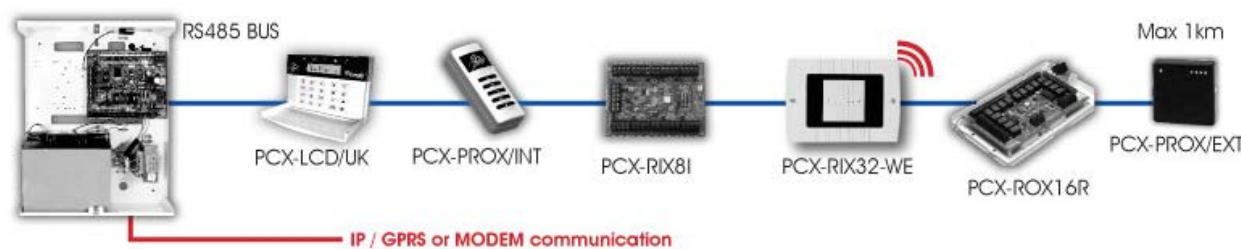


Accessories

Product	Description		Product	Description	
PCX-LCD/UK	Additional LCD RKPs with integral proximity reader		PCX-RIX8+PSU	8 input expander module (RIX) c/w 1.5 amp intelligent PSU with 4 PGMs	
PCX-FLUSHLCD	Flushmount LCD keypad in Chrome finished housing		PCX-ROX16R	16 x 3A Relay output module (ROX)	
PCX-PROX/INT	Internal proximity reader		PCX-ROX16RPSU	16 Relay output module with 1.5amp intelligent PSU	
PCX-PROX/EXT	External proximity reader IP65 rated		PCX-RS232L	RS232 - PC Link cable allows local programming	
PCX-PTAG	Pack of 5 prox tags		PCX-DIGI+ARM	Digi modem card with ARM capability (additional software required) UDL software and manuals	
PCX-RIX8i	8 input expander (fast zones)		RS485/Repeater	Extends the length of the RS485 bus by 1km	
PCX-RIX32-WE	32 input wireless expander		GPRS module	Enables dual path signalling complete with antenna	



Bus Diagram



Technical Specification

INPUTS	
Input current loop	1.9mA
Normal input loop timers	100-300mS (programmable)
Input wire resistance	<1k5
Input loop configuration	DEOL, SEOL, Double Pole

INPUT ACTIVATION RESISTANCE (WIRED INPUTS)	
Normal	0k5 to 1k4
Intruder	1k5 to 5k9
Tamper	<0k5 or >17k
Fault	6k to 8k1
Masking	8k2 to 17k

POWER SUPPLY	
Power Input	22V AC
Low voltage battery cutoff	10V DC
Max capacity power output	2.5A (1.5A continuous)
Max power for external devices	(1.5A continuous)
Transformer	Primary: 230V AC, 50Hz, 20W Secondary: 17V AC, 1.25A

CURRENT CONSUMPTION	
PCB alone	90mA
PCX-LCD/UK LCD keypad	50mA (backlight on)
PCX-PROX/INT/EXT reader	50mA
PCX-ROX16R	90mA in quiescent state

PGM OUTPUTS	
PGM 1 - 4 (at 4 Input Expander)	100mA each
PGM 1 (at keypad)	100mA
PGM 1&2 (at Prox Reader)	100mA
PGM 1-16 (at 16 Output Expander)	Relays rated at 3 AMP each
PGM 3 -Bell / PGM4 - Strobe	800mA, fused
PGM 1 & 2 Relays	3 AMP Rated

DIGITAL COMMUNICATOR	
Digital Communicator	Analogue line/modem
Lightning protection	6.75kV/125Amps



PCX-RIX8i	50mA
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BATTERY	
Capacity	7.0Ah or 17Ah
Protection on battery terminals	Short & reverse
Charge under intelligent control	750mA

FUSE PROTECTION	
All on-board fuse	800mA
Battery fuse	3.15A

ENVIRONMENTAL	
Operating temperature	-10
Storage Temperature	-20

 **Information**

COMPLIANCE (click image to download certificate)	
CE	
EN Europe	

PACKING INFORMATION	
Min Pack	1
Warranty	2 years
Designed	UK

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Pyronix Limited, Secure House, Braithwell Way, Hellaby, Rotherham, S66 8QY, United Kingdom
T +44 (0)1709 700 100 | F +44 (0)1709 701 042

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