Guardall PX-18/34

The Guardall PX is a fully featured range of alarm control panels with an extensive array of features for ease of installation and operation. Simple user friendly keypads offer clear displays and large keybuttons. Diagnostics and remote servicing are a standard feature of these control panels. 10 on board diagnostic circuits can be expanded to a maximum of 18 or 34 circuits. 20 (40) users, 4 (8) areas and up to 4 (8) keypads complete the PX range's list of capabilities.

End-User Benefits

Clear and simple keypads provide easy operation of the PX range. In-built diagnostics will warn you of any problems and allow you to have the peace of mind that your system will always be in the best of health. The range caters for all your needs and can be increased in size to meet your expanding requirements, with simple to use operation and all of the capabilities associated with top of the range alarm control panels.

Installer Benefits

Easy installation on a single four wire bus without the need for screened cable. Full diagnostics providing accurate readings on the status of the system including detectors and concentrator voltage and current. Simple system upgrading using common components across the full PX range. Easy programming for the full range of features making installation quick and efficient, automatic detection of the system hardware and full remote control and remote diagnostic capability make the PX range easy to install and maintain, meeting all your business needs for today and the future.

Guardall · PXRANGE

Guardall PX-18/34

ORDERING INFORMATION PX-18/34

W73786	PX18 control panel	
W73797	PX34 control panel	
W73807	LCD 2 line	
W73811	LCD 2 line with prox	
W73809	LCD 2 line with 2 circuits	
W73816	LCD 2 line with prox and 2 circuits	
W73846	Electronic key kit	
W73820	Prox fobs (pack of two)	
W72993	Electronic keys (pack of two)	

W73736	Diagnostic concentrator	Plastic
W73735	Diagnostic concentrator	Metal
W73818	Smart concentrator (1.5A PSU in metal case)	
W73737	Output module	8 relays
W73738	Output module	8 Transistor
W73739	Output module	8 Transistor / 4 relay
W73740	Serial module	
W73869	Bus isolator	
W73813	Mimic module	
W73822	Access module	
W73847	Smart Access (1.5A PSU in metal case)	
W73824	SmartDial Super PX	
W73825	SmartDial Speech PX	
W73821	Proxpoint	
W73819	PX programming kit	

SPECIFICATION CONTROL PANEL

	PX-18	PX-34
External power source	230V +10% -6%, 50Hz	230V +10% -6%, 50Hz
Input current rating (a.c.)	130mA	160mA
Output voltage (d.c.)	14V ± 0.3V	14V ± 0.3V
Standby Battery	1 x 7Ah	1 x 17Ah or 1 x 12Ah or 1 x 7Ah
Maximum recharge time	24 hours	24 hours
Temperature range	-10°C to +50°C	-10°C to +50°C
Humidity	10% to 90% relative humidity	10% to 90% relative humidity
Power supply rating	1A	1.5A diagnostic
Panel quiescent current	90mA	110mA
Sounder Output	2A Relay (voltage free)	2A Relay (voltage free)
Strobe Output	1.0A (open collector)	2A Relay (voltage free)
Diagnostic Accuracy	Typically 99% accuracy	Typically 99% accuracy

SPECIFICATION PX KEYPAD

Input voltage (d.c.)	10.5V min – 15V max	
Quiescent current	25mA +30mA backlight	

XiB CONCENTRATOR

Input voltage (d.c.)	10.5V min – 15V max	
Quiescent current	25mA	
Input circuit current	1.7mA	
Diagnostic Accuracy	Typically 99% accuracy	

XiB SERIAL MODULE

Input voltage (d.c.)	10.5V min – 15V max	
Quiescent current	25mA	

XiB OUTPUT MODULE

Input voltage (d.c.)	10.5V min – 15V max	
Quiescent current	25mA +20mA per relay	

Guardall PX Range

PRODUCT FEATURES-

➤ 20 users, 4 areas, 4 keypads with 10 on board diagnostic circuits which can be expanded to 18 on the PX18.

➤ 40 users, 8 areas, 8 keypads with 10 on board diagnostic circuits which can be expanded to 34 on the PX34. 1.5A PSU has diagnostics for battery voltage and charge current.

➤ Using extensive communication capability the PX control panel can be remote controlled giving all the functionality of the PX but from a remote site.

➤ New faster eXtended interface Bus (XiB).

➤ Fully compliant with all current regulations.

➤ Voltage/current readings offer unsurpassed accuracy (typically 99%) and can be taken at the keypad or remotely, giving essential information about the system. Readings are available for the concentrators and detectors, providing the operator with an essential health check on the system.

➤ Automatic detection of the system hardware with auto install feature.

➤ The PX capability for diagnostics and full remote functions means that PX servicing can be carried out from a remote site. All the information can be stored on a PC and used to verify the condition of the system to provide early warning of any potential danger signs.

➤ Communications using SmartDial Super PX, Windsor modems and SmartDial Speech PX.

➤ Simple operation of the PX using Guardall's electronic key or proximity tag for setting and unsetting.

➤ If your system requirements change then the PX offers a simple route to a larger system without the need to change any of your existing peripherals.

➤ Access integration for door control, proximity and card readers.

➤ PX is a multiple area system with easy setting/unsetting of areas and multiple areas. Areas can be assigned to groups which allow for complete flexibility and control of large buildings or complex systems.

➤ Output devices locatable anywhere on the XiB.

➤ Keypads are simple to use with large displays in the 2 line version. Large buttons for easy operation and a removable reversable right or left handed flap to protect the buttons. Backlighting is provided for the display and buttons.

➤ Serial module for direct and remote up/down load with PCs. Also local or remote printing.

➤ 250 events timed to 2 second intervals.

➤ 1.75km cable length on the XiB Bus.

FM 977
FM 1005