1-4 Loop Analogue Addressable Control Panels (XP95 & Protocols) - EN54 Approved

Key Features

From 1-4 loops

LPCB approved to EN54 parts 2 and 4

Full Apollo compatibility

Automatic recognition of Apollo outstations

Extensive mode change options by day/night and special group allocation

Windows-based, full upload/download PC software package

500mA output per loop with highly stable voltage platform, even under mains-failed conditions

Fully networkable with other Excel Series and Saxon range panels, graphics package and **Integra** network repeaters

Powerful processing and extensive panel and loop I/O capability

User-friendly controls and a clear, unambiguous screen

Membrane facia with tactile switches

Complies with EMC and LVD Directives

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Introduction

The Excel Series analogue addressable panels are a powerful yet user-friendly series of control panels. They are designed to a high standard with LPCB approval to EN54, parts 2 & 4. Each panel in this modular series has considerable processing ability but is easy to install, programme and operate. This is supported by comprehensive support documentation. Panels are housed in steel enclosures and are finished in hardwearing epoxy paint.

This panel is ideally suited to installations which require very complex sounder and control/shutdown functions. The panels are programmable to meet individual site requirements by means of a cause & effect matrix. This is downloaded from a PC, using the Cause & Effect Edit Programme. Text may be edited via a keyboard or downloaded from a PC.

The Excel Series has a 4 line x 20 character backlit LCD display, showing the first and most recent event. Other events may be reviewed using the More Messages facility. User controls are accessed by means of keyswitch-enabled membrane controls, with password protection for engineer purposes. Each panel has a high level of processing power and each loop has its own processor. The panel allows up to 126 addresses per loop. All addresses on a loop may be used for output functions, with 3 independently programmable output bits per address.

By using Apollo Excel Series detectors, the system may be configured to automatically switch between heat and smoke detection at selected times of day or week. Additional facilities are also provided for temporary switching between smoke and heat detection to suit short-term changes in environmental conditions.

Up to 248 user-definable panel inputs and relay/two-stage alarm outputs can be provided via expansions boards. Many useful testing and service functions are also provided. All events may be recorded on the optional printer and zonal indications are included as standard. There is a complete range of compatible accessories available to support the Excel Series panels to meet most customer requirements. The addition of a network card to the panel will allow monitoring, indication and control of the functions of a networked installation, allowing signals to be distributed around a large site.

Technical Specifications

Mains voltage	230V AC +10% -6%
Mains failed fault battery current	1L - 145mA 2L - 170mA 3L - 195mA 4L - 220mA
Mains failed alarm battery current	1L - 260mA 2L - 285mA 3L - 310mA 4L - 335mA
Max. battery charging current	1.5A
Alarm circuits	2 @ 1A per circuit
Auxiliary supply	20V-28V @ 500mA
Weight (excluding batteries)	15kg
Dimensions	480mm high x 410mm wide x 144mm deep

Part Numbers

2500/110   Excel Series 1 loop control panel
2500/111   Excel Series 2 loop control panel
2500/112   Excel Series 3 loop control panel
2500/113   Excel Series 4 loop control panel