PL-1000

COMPACT ANALOGUE SINGLE LOOP CONTROL PANEL EXPANDABLE TO TWO LOOPS

Analogue addressable control panel that is compact, powerful, easy to install and configure. Reducing commissioning time to a minimum

Morley-IAS Plus
PL-1000

PL-1000 control panel includes Honeywell's Advanced (AP) protocol which maximises the speed and efficiency of alarm detection, as well as providing maximum information to the installer. The 4.3" (480x272 pixel) touchscreen provides an intuitive user interface via its menus with quick and easy system operation. The PL-1000 control panel allows full system configuration from the screen itself.

The PL-1000 is a single loop addressable panel expandable to two loops with an optional loop card (PL-LIB01S). Each loop supports 159 detectors and 159 input / output modules.

The analogue addressable PL-1000 is designed for small to medium sized installations. The PL-1000 is very easy to install and configure. The system is designed to manage both traditional wired field devices and Agile™ wireless equipment. Installation and commissioning time is reduced to a minimum since the user interface allows, in few steps, to commission and test field devices.

Due to its size and power, it is the ideal analogue addressable control panel for small to medium sites where maximum information is required from the installed devices. The control panel allows the identification of each of the intelligent sensors in order to verify the state of the system before carrying out any evacuation or transmission to the alarm receiving station, or to the building management system.

FEATURES

- 4.3" / 109.2 cm touchscreen graphical color display, 480 x 272 pixel resolution with back illumination and back-lit membrane buttons
- Multiple language selections
- Intuitive colour event indication tab for an overview of system status at a glance
- Simple DOT Matrix Cause & Effect rule builder
- Quick configuration of the unit from the same display
- On-screen 16 Virtual Zonal LED indicators with event color coding to increase situational awareness

- Single loop, expandable to 2 loops. 318 addresses per loop (159 detector + 159 Modules)
- Certified to EN54-2, EN54-4; EN54-13; LVD 62.368-1:2014+A11
- Morley-IAS Advanced Protocol and enhanced Agile™ wireless features, including on-screen device battery and signal strengths
- Includes serial communication ports for TPP including Connected Life Safety Services (CLSS) and repeaters

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MECHANICAL SPECIFICATIONS

- Dimensions in mm: 379 x 356 x 120 (width x height x depth)
- Weight: 1.760 grams
- Upper cable entry x15 cable glands 21mmø
- Back cable entry x8 cable glands 21mmø
- Central entry prepared for 60mm universal flush box
- External connections: Removable terminals for cables from 0.5mm2 to 2.5mm2
- Front cover colour: RAL 9002

365 mm

379 mm   120 mm

Front view   Side view   Top view   Back view

ELECTRICAL SPECIFICATIONS

- External power supply 100- 240Vac +/- 15% tolerance 50/60Hz
- Maximum power consumption: 65W
- 2 Supervised sounder outputs each providing a maximum of 250mA
- 1 AUX supply, 24v max. load 500 mA
- 1 Alarm relay with C/NC/NA terminals
- 1 Fault relay with C/NC/NA terminals
- Max. 1.500 m distance depending on the cable section and current consumption in alarm
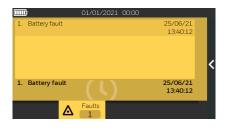- 7Ah or 12AH back-up batteries (not included)

ENVIRONMENTAL SPECIFICATIONS

- Climate classification -K5 (IEC 721-2-3)
- Temperature range 0ºC to 40ºC
- Relative humidity: 5% to 95% non-condensing
- Control panel protection rating: IP30 (EN60529)

INTUITIVE COLOURED EVENT TABS

PRODUCT RANGE

PART NUMBER	DESCRIPTION
PL-1000	Morley-IAS Plus compact addressable fire panel with single loop – supporting up to 318 addressable devices
PL-LIB01S	Optional loop module PL-LIB01Sadds an additional loop to PL-1000, expanding the system up two loops

Honeywell Morley-IAS
https://www.morley-ias.co.uk/

This document is not intended for installation purposes. Design features are subject to change or modification without notice.

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