PL-1000

COMPACT ANALOGUE SINGLE LOOP CONTRL PANEL EXPANDABLE TO TWO LOOPS

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

PL-1000 control panel includes Honeywell's Advanced (AP) protocol which maximizes the speed and efficiency of alarm detection, as well as providing maximum information to the installer. The 4.3" (480x272 pixel) Touch Screen 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-LIB01). 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 are reduced to a minimum since the user interface allow in few steps to commission and tests 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.
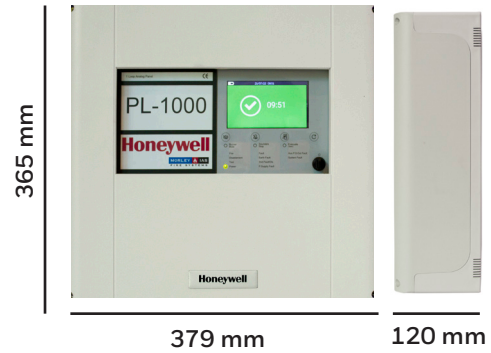

Morley-IAS Plus
PL-1000

FEATURES

- 4,3'' / 109,2 cm Touch-screen graphical color display, 480 x 272 pixel with back illumination and back-lit membrane buttons
- Multiple language selections
- Intuitive colour event indication tab system for improved situational awareness

- Simple DOT Matrix Cause and Effect rule builder.
- Quick configuration of the unit from the same display
- On-screen 16 Virtual Zonal LED indicator to increase situational awareness.
- Certified to EN54-2, EN54-4; LVD 62.368-1:2014+A11

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MORLEY IAS
FIRE SYSTEMS

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
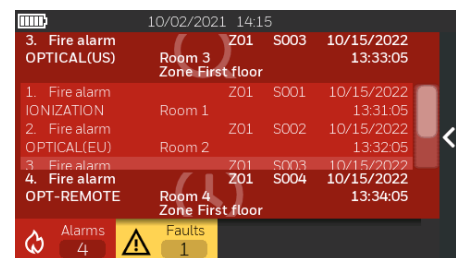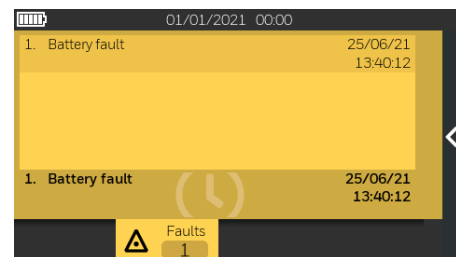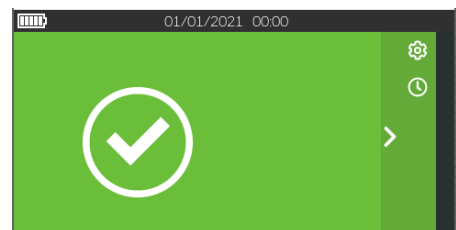- 7Ah or 12AH back-up batteries (not included)

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 COLORED 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-LIB01	Optional loop module PL-LIB01 adds an additional loop to PL-1000, expanding the system up two loops

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FIRE SYSTEMS