Honeywell | Fire Safety

Morley PL-1000

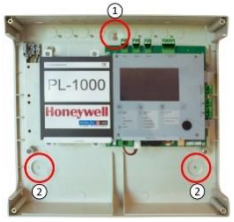
Batteries type Yuasa NP12-12FR
2 x 12 V DC / 12 Ah (example) or 7 Ah

Loop Module PL-LIB01S

The PL-LIB01S kit includes:

	8 x plastic spacer
	1 x 20 pole ribbon cable

Panel Installation

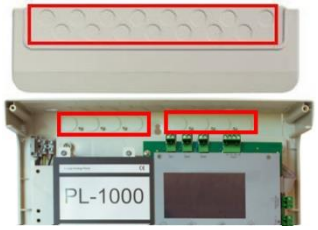


STEP 1
Hold the panel backbox horizontally (align using a spirit level) on the mounting surface and mark the 3 mounting holes.

STEP 2
Drill the wall on the three fixing points and utilize the accessories included with the panel (3,5 x 25 mm) to secure the panel on the wall.

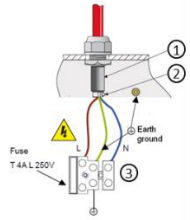
STEP 3
Put the screw in the hole ①, align the screw on the cover with the keyhole on the back, then insert the screws on the holes ② to complete panel installation.

Cable Entries



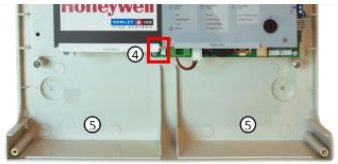
- Upper 15 cable glands Ø 21 mm
- Back 8 cable glands Ø 21 mm
- Cable entry easy to break

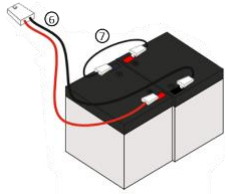
Mains Connections



1. Remove the outer sheath of the cable ① to provide enough slack, approx. 80 mm, for the cables to help during connection.
2. Form a loop with each conductor before presenting it on its terminal where it is to be connected. Guide the conductor L and N ② in such a way that there is a separation from the safety ground.
3. Connect the L and N conductors directly to the terminal block ③ (left and right terminal respectively). The safety ground conductor must be connected to the panel terminal.

Battery Connections

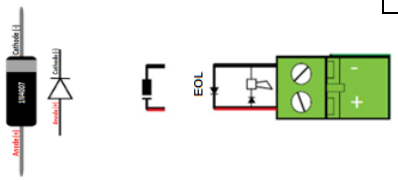




1. Install the batteries inside the back box on the bottom ⑤.
2. The batteries shall be positioned in such a way their terminal is close enough to allow the connection of the short connection cable ⑦.
3. Connect the batteries using the supplied cable:
   - Connect the red and black (+ / -) cable plug to the main board ④.
   - Connect batteries with the short cable ⑦

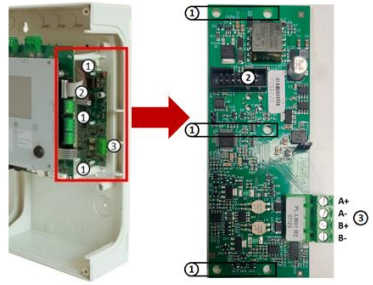
Main Board Connections

Sounder circuit
End of line diode cathode marker on positive terminal.



Ref.	Description
1	24 V +
2	24 V –
3	SND1 +
4	SND1 –
5	SND2 +
6	SND2 –
7	Loop 1 A+
8	Loop 1 A –
9	Loop 1 B+
10	Loop 1 B-
11	Digital IN 1+ Remote Silence Sounders
12	Digital IN 2+ Remote Reset
13	GND
14	Fault Relay Common
15	Fault Relay Normally Closed
16	Fault Relay Normally Open
17	Alarm Relay Common
18	Alarm Relay Normally Closed
19	Alarm Relay Normally Open

Expansion Loop Card Connection



Installation
1. Put the plastic spacers ① into the predisposed holes ① on the back box
2. Connect the ribbon cable ② on the Loop Module PL-LB01S.
3. Install the Loop Module onto the plastic spacer ①.
4. Connect the ribbon cable ② to the main board.

2nd Loop Connection ③
Loop 2 ➔ A+
Loop 2 ➔ A -
Loop 2 ➔ B+
Loop 2 ➔ B-

Additional and updated Information
The described features, specifications and product related information in this manual correspond to the date of issue (refer to date on the front page) and may differ due to modifications and/or amended Standards and Regulations of the System design, Installation and Commissioning. For further Information refer to documentation M-169.1-SERIE-PL-EN Version 2024.

Fire Alarm Control Panel PL-1000

Quick Start Guide

M-169.2-SERIE-PL-EN Version 2024 / 02.2024

Honeywell House
Skimped Hill Lane
BRACKNELL
Berkshire, RG12 1EB
UK

Honeywell | Morley IAS Fire Systems

Honeywell | MORLEY IAS FIRE SYSTEMS | Fire Safety

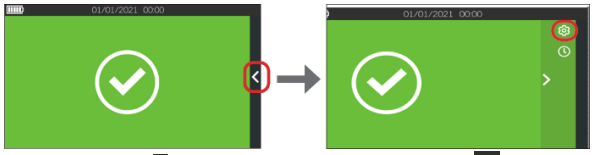
Panels Display Controls, Buttons and Password

STATUS ICON	CONDITION / CONTROL	COLOR	DESCRIPTION
	FIRE	Red (blinking)	A fire condition has been detected (buzzer active)
		Red (fixed)	The user has acknowledged the event by buzzer silence
	DISABLEMENT	Yellow (blinking)	A device or zone is disabled
	TEST	Yellow (blinking)	A zone is in test mode
	POWER	Green (fixed)	The system is switched on and the power is supplied via the mains
	FAULT	Yellow (blinking)	General fault, buzzer is active
		Yellow (fixed)	The user has acknowledged the event by buzzer silence
	EARTH FAULT	Yellow (blinking)	Earth fault condition is present
		Yellow (fixed)	The user has acknowledged the event by buzzer silence
	SOUNDER FAULT / DISABLEMENT	Yellow (blinking)	Sounder fault condition is present
		Yellow (fixed)	Sounders circuits are disabled
	POWER SUPPLY FAULT	Yellow (blinking)	Mains fault
		Yellow (fixed)	Batteries fault
		Yellow (slow blinking 1sec On 1sec Off)	Battery charger fault or Battery resistance fault condition is present
	AUXILIARY POWER SUPPLY OUT FAULT	Yellow (blinking)	24 Vcc user fault condition is present
		Yellow (fixed)	The user has acknowledged the event by buzzer silence
	SYSTEM FAULT	Yellow (fixed)	System fault
	BUZZER MUTE	Yellow (blinking)	Buzzer is active
		Yellow (fixed)	Buzzer has been muted
	SOUNDERS STOP	Yellow (fixed)	Sounder outputs has been silenced
	EVACUATE	Yellow (fixed)	Evacuation is activated

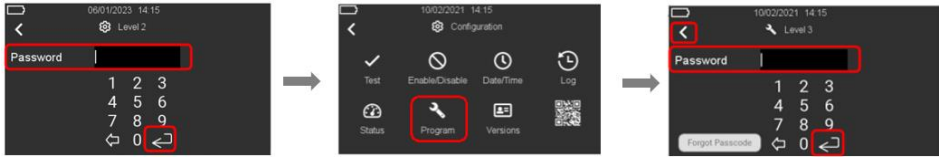
PUSH BUTTON	DESCRIPTION	FUNCTION
	RESET PANEL	Pressing the 'Reset Panel' button will reset the panel to return it to normal condition after an event
	BUZZER MUTE	Pressing the 'Buzzer Mute' button or tapping on the touch screen, will silence the active panel buzzer
	SILENCE SOUNDERS	Pressing the 'Silence Sounders' button will silence all Alarm sounders
	EVACUATE	Pressing the 'Evacuate' button and later confirm the evacuation in the pop-up window, will start all the panel sounders output activation for the output configured for evacuation in the Cause and Effect I/O Matrix
	LEVEL 2 KEY	In "O" position (default), Level 2 access is not granted. Inserting the key and turning it into "I" position, enables panels Level 2 Functions

FUNCTION	EN 54 LEVEL	FACTORY DEFAULT PASSWORD
Alarm, disabled, and faults display - Alarm and faults recognition - Disabled Zone/Point display	Level 1	None
Enable/Disable menu - Test menu - Utility Menu	Level 2	2222
Programming menu	Level 3	33333333

Quick Programming Procedure with Default General Alarm Functionality

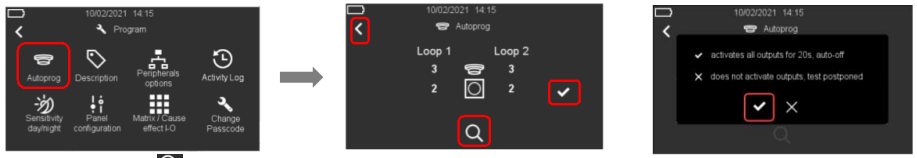


1. On the touch screen display press the arrow on the right and then press the gear icon at the top right:

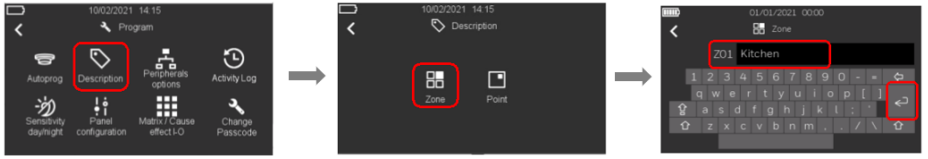


2. Insert password level 2, press enter then press on Program icon, insert password level 3 and press enter.

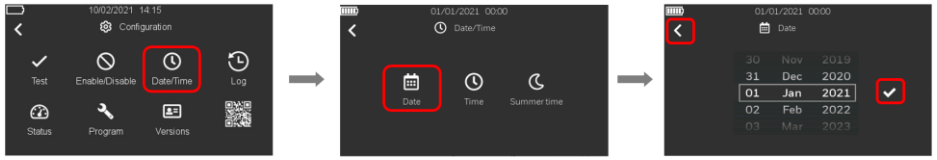
3. Select Panel configuration to change the Language, Date format, and Delays mains fault value using the arrow down icon. Once completed, press the left arrow to come back to the previous screen.



4. Select Autoprog, press to search sensors and modules on the loop(s). After scan, press ✓ to proceed. A dialog box is displayed to start the output test. Press ✓ to run it. This step is mandatory for proper operation of the loop.
Please note: Selecting ✓ will activate all connected loop sounders for about 20 seconds. If × is selected, the outputs will not activate, and a fault will be displayed, which can be cleared only by completing the output test. To do this, auto-learn again. The output test is mandatory and MUST be initiated after each auto-learn.
Please note: Default zone assigning: Sensors = Z1, MCP = Z2, Input modules = Z3, Output modules = Z4.



5. Select Description to change both Zone and Point labels. This example refers to Zones: Press Zone icon, type the label using the virtual keyboard and confirm with enter. Same applies to Points.



6. Come back to Configuration menu using the left arrow and set Date and Time. The example shares how to change Date: select Date icon, scroll up and down the day, month and year values then confirm with check mark. To change Time, follow the same process.