

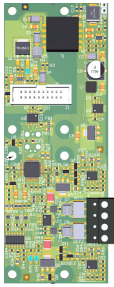




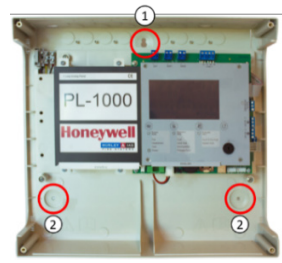





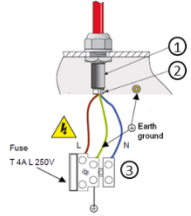
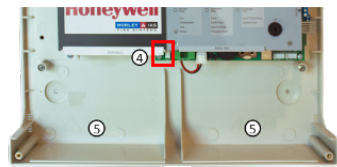
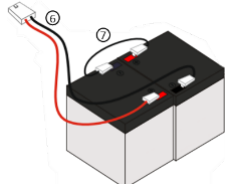

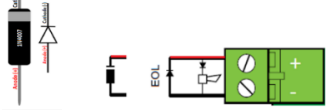
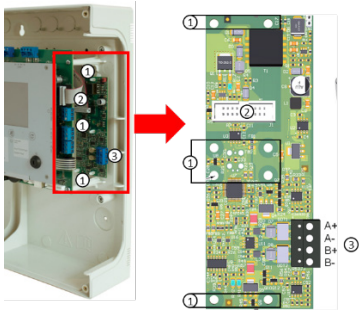


Morley PL-1000	Loop Module PL-LIB-01	Panel Installation		Cable Entries																																						
 <p>Batteries type Yuasa NP12-12FR 2 x 12 V / 12 Ah (example)</p> 	 <p>The PL-LIB-01 kit includes:</p> <table border="1"> <tr> <td></td> <td>8 x plastic spacer</td> </tr> <tr> <td></td> <td>1 x 20 pole ribbon cable</td> </tr> </table>		8 x plastic spacer		1 x 20 pole ribbon cable	 <p>STEP 1 Hold the panel backbox horizontally (align using a spirit level) on the mounting surface and mark the 3 mounting holes.</p>  <p>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 o the wall.</p> <p>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.</p>		 <ul style="list-style-type: none"> • Upper 15 cable glands Ø 21 mm • Back 8 cable glands Ø 21 mm • Cable entry easy to break 																																		
	8 x plastic spacer																																									
	1 x 20 pole ribbon cable																																									
<p>Mains Connections</p>   <ol style="list-style-type: none"> 1. Remove the outer sheath of the cable ① to provide enough slack, approx. 80 mm, for the cables to help during connection. 2. From 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. 	<p>Battery Connections</p>   <ol style="list-style-type: none"> 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: <ul style="list-style-type: none"> • Connect the red and black (+ / -) cable plug to the main board ④. • Connect batteries with the short cable ⑦. 	<p>Main Board Connections</p>  <table border="1"> <tr><td>1</td><td>24 V +</td></tr> <tr><td>2</td><td>24 V -</td></tr> <tr><td>3</td><td>SND1 +</td></tr> <tr><td>4</td><td>SND1 -</td></tr> <tr><td>5</td><td>SND2 +</td></tr> <tr><td>6</td><td>SND2 -</td></tr> <tr><td>7</td><td>Loop 1 A+</td></tr> <tr><td>8</td><td>Loop 1 A -</td></tr> <tr><td>9</td><td>Loop 1 B+</td></tr> <tr><td>10</td><td>Loop 1 B-</td></tr> <tr><td>11</td><td>Digital IN 1+ Remote Silence Sounders</td></tr> <tr><td>12</td><td>Digital IN 2+ Remote Reset</td></tr> <tr><td>13</td><td>GND</td></tr> <tr><td>14</td><td>Fault Relay Common</td></tr> <tr><td>15</td><td>Fault Relay Normally Closed</td></tr> <tr><td>16</td><td>Fault Relay Normally Open</td></tr> <tr><td>17</td><td>Alarm Relay Common</td></tr> <tr><td>18</td><td>Alarm Relay Normally Closed</td></tr> <tr><td>19</td><td>Alarm Relay Normally Open</td></tr> </table> <p>Sounder circuit End of line diode cathode marker on positive terminal.</p> 		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	<p>Expansion Loop Card Connection</p>  <p>Installation</p> <ol style="list-style-type: none"> 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-LB-01 3. Install the Loop Module onto the plastic spacer ① 4. Connect the ribbon cable ② to the main board <p>2nd Loop Connection ③ Loop 2 → A+ Loop 2 → A - Loop 2 → B+ Loop 2 → B-</p>
1	24 V +																																									
2	24 V -																																									
3	SND1 +																																									
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<p>Additional and updated Informations 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.</p>																																										

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 (blinking)	System fault
		Yellow (fixed)	The user has acknowledged the event by buzzer silence
	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

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- On the touch screen display press the arrow on the right and then press the gear icon at the top right
-
- Insert password level 2, press enter then press on program icon, insert password level 3 and press enter to confirm.
-
- Select Panel configuration to change the language using the arrow down icon. Once completed, press the left arrow to come back to the previous screen.
-
- Select Autoprogram, press the Lens icon to search for devices, at the end of the process save devices detected with check mark. Press the left arrow to come back to the previous screen. Please note: Default zone assigning: Sensors = Z1, MCP = Z2, Input modules = Z3, Output modules = Z4.
-
- 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.
-
- 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.