

# PM-9G

## Power Supply and Battery Charger Product Installation Document



### CAUTION 1: STATIC SENSITIVE EQUIPMENT

THIS EQUIPMENT IS SENSITIVE TO STATIC ELECTRICITY. IT MAY BE DAMAGED IF NOT PROPERLY HANDLED. USE AN ESD (ELECTROSTATIC DISCHARGE). TRANSPORT THIS UNIT IN A STATIC-SHIELDING BAG. FAILURE TO OBSERVE THIS REQUIREMENT COULD CAUSE LATENT DAMAGE TO THE EQUIPMENT WHICH MIGHT NOT MANIFEST ITSELF UNTIL AFTER THE EQUIPMENT IS PLACED IN SERVICE.



### CAUTION 2: DISCONNECT ALL POWER

REMOVE ALL SOURCES OF POWER BEFORE REMOVING OR INSTALLING ANY UNITS.

## Section 1: Description

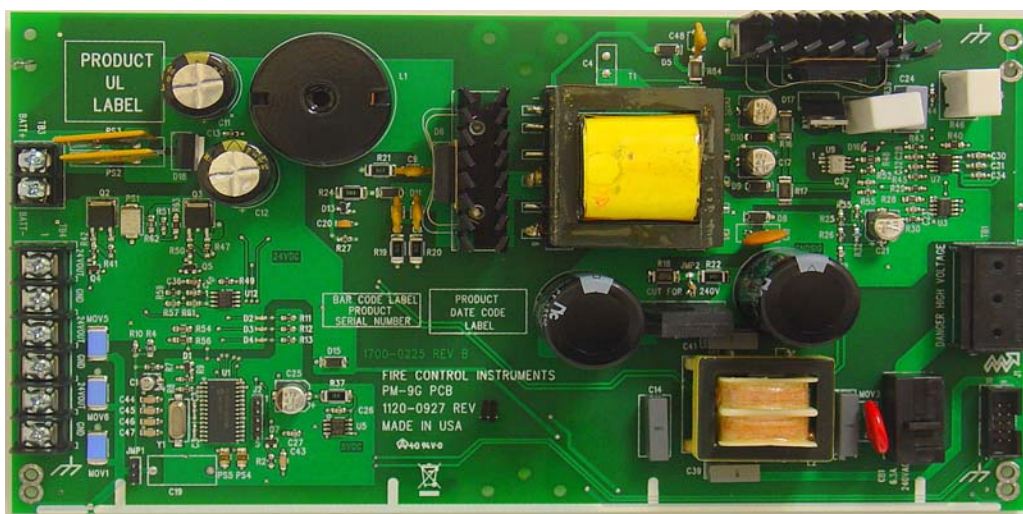
The PM-9G power supply provides 24 VDC at 9 amperes (max.) and is designed for use with the Gamewell-FCI, E3 Series® Expandable Emergency Evacuation and the combined in-building Fire Alarm and Mass Notification Systems. It is used to provide power to the following system applications:

- E3 Series Broadband System
- Autonomous Control Unit (ACU) for the Mass Notification System
- E3 Series Releasing (Pre-action/Deluge or Agent Releasing)

It can be used to maintain and supervise batteries up to 55 A/H in size (with an external battery cabinet). The PM-9G supplies system power and communicates with the main panel via an I<sup>2</sup>C for status and diagnostics. This power supply can be used with the ILI-E3 Series, ILI95-E3 Series or the ANX sub-assemblies. Figure 1.1 illustrates the PM-9G power supply sub-assembly



**NOTE:** Use the ANX for Fire applications only.



**Figure 1.1 PM-9G Power Supply Sub-Assembly**

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# 1.1 Mass Notification System (MNS)

Use the PM-9G (Power Supply) as the main power supply circuit for the Mass Notification System. The Gamewell-FCI, Mass Notification System (MNS) is a Combination In-Building Fire Alarm and Mass Notification System. It comprises the E3 Series Broadband Emergency Voice Evacuation and the E3 Series Broadband Networked Fire Alarm Systems. This design allows a wide range of configurations to form an integrated, distributed fire alarm system in combination with the audio evacuation for both Fire and Mass Notification functions as desired. The design also allows for its use as a dedicated standalone Mass Notification System without the fire alarm service. The network communication conveys all Fire Alarm and Mass Notification control functions, audio evacuation, voice paging, and fire fighter communications over a single pair of wires or fiber-optic cable. The modular design offers several configurations to accommodate the following audio components:

- Autonomous Control Unit (ACU), (Main Command Center)
- Local Operating Console (LOC), (Remote Command Center)
- E3 Series Broadband Voice Evacuation System

Table 1.1.1 lists the E3 Series sub-assemblies that can be used in the Gamewell-FCI, MNS (Mass Notification System).

Autonomous Control Unit (ACU) (Main Command Center)	E3 LOC Remote Command Center	E3 Broadband System (Distributed System)
AM-50 Series Amplifiers	AOM-TELF/AOM-2SF	AM-50 Series Amplifiers
ANU-48 (Remote Annunciator)	ASM-16 (Addressable Switch Module)	ANU-48 (Remote Annunciator)
ASM-16 (Addressable Switch Module)	INI-VG Series, (First/Second/Third Generation) (Intelligent Network Interface Voice Gateway)	ASM-16 (Addressable Switch Module)
ILI-MB-E3 (Intelligent Loop Interface-Main Board)	INCC-MIC (Microphone)	ILI-MB-E3 (Intelligent Loop Interface-Main Board)
ILI-S-E3 (Intelligent Loop Interface-Expansion Board)	NGA (Network Graphic Annunciator)	ILI-S-E3 (Intelligent Loop Interface-Expansion Board)
ILI95-MB-E3 (Intelligent Loop Interface-Main Board)	INCC-TEL (Telephone)	ILI95-MB-E3 (Intelligent Loop Interface-Main Board)
ILI95-S-E3 (Intelligent Loop Interface95-Expansion Board)		ILI95-S-E3 (Intelligent Loop Interface95-Expansion Board)
INCC-MIC (Microphone)		INCC-MIC (Microphone)
INCC-TEL (Telephone)		INCC-TEL (Telephone)
INI-VG Series, (First/Second/Third Generation) (Intelligent Network Interface Voice Gateway)		INI-VGC, (First/Second/Third Generation) (Intelligent Network Interface Voice Gateway)
NGA (Network Graphic Annunciator)		INI-VGX, (First/Second/Third Generation) (Intelligent Network Interface Voice Gateway)
PM-9/PM-9G (Power Supply)		NGA (Network Graphic Annunciator)
RPT-E3 (Communication Circuit)		PM-9/PM-9G (Power Supply)
	RPT-E3 (Communication Circuit)	
<b>Note 1:</b> In the E3 Series, Mass Notification System, the LCD-E3 Display panel is not used.		

**Table 1.1.1 E3 Series Modules Used in the MNS System**

## 1.1.1 Mass Notification System - Documentation

The following MNS System information is available in the Gamewell-FCI, *Mass Notification System (MNS) Installation/Operation Manual, Part Number:LS10013-000GF-E*.

- System Configurations
- Cabinets Installations
- Class 2 Power-Limited Requirements
- Wiring
- System Operation
- Testing/Maintenance

## Section 2: Installation

### 2.1 Standards

This product is intended to be installed in accordance with the following standards.

#### National Fire Protection Association

- |           |                               |            |                          |
|-----------|-------------------------------|------------|--------------------------|
| • AHJ     | Authority Having Jurisdiction | • NFPA 72  | National Fire Alarm Code |
| • NFPA 70 | National Electrical Code      | • NFPA 101 | Life Safety Code         |

#### UL Standards UL 864 9th and 10th Edition

- Per the UL Continuing Certification Program, UL 864 9th edition fire alarm control equipment will retain certification after the roll-out of UL 10th edition (12/2/2018).
- Installations of UL 864 10th Edition certified equipment are permitted to use UL864 9th Edition certified equipment when approved by the local Authority Having Jurisdiction (AHJ).

For product compliance, refer to the UL/ULC listing cards located on the UL online certification directory.

<https://iq.ulprospector.com>

#### Underwriters Laboratories® Standard

- UL-2572 MNS Mass Notification, Second Edition

### 2.2 Installation Requirements

All components of the E3 Series® and Mass Notification Systems should be located per the following requirements:

- Installations are to be indoors only, in dry locations, protected from rain, water, and rapid changes in temperature that could cause condensation. Equipment must be securely mounted on rigid, permanent walls.
- Operating temperature shall not exceed the range of 32° to 120° F (0 to 49° C).
- Operating humidity not to exceed 93% non-condensing at 90° F (32° C).
- There should be adequate space around the installation to allow easy access for operation and servicing.
- All sub-assemblies and components are to be located in compliance with the local code, the national code and the manufacturer's recommendations.
- All installation field wiring shall be in compliance with local and national codes.
- Use the Architects and Engineering Specifications for detailed information on your Facility's Configuration.
- Installers must be Gamewell-FCI Factory Certified to program this product. For additional information on this product, contact the Gamewell-FCI Customer Support to schedule the Factory Certified Training.



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**NOTE: COLD WATER/EARTH GROUND STANDARD:**

Per Article 760 of the National Electrical Code, the following terminal blocks must be connected to an Earth Ground connection:

- Terminal TB3-3 on the ILI-MB-E3/ILI95-MB-E3
- Terminal TB3-3 on the INI-VG Series (First/Second Generation)
- Terminal TB1-5 on the INI-VG Series (Third Generation)

Failure to make a proper earth ground connection from a metallic cold water pipe or driven ground rod to this terminal will result in loss of lightning protection, reduce the tolerance of the system to transients, and will adversely affect the operation of the system. Panel neutral or conduit ground is not acceptable; minimum wire size is 14 AWG.

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### 2.3 PM-9G Installation

1. Remove the PM-9G power supply sub-assembly from its static-shield bag, observing proper static protection measures.
2. Remove the inner chassis from the enclosure and set aside.
3. Visually inspect the unit for damage.

If any components are damaged, notify the shipping carrier immediately. Report missing components to Gamewell-FCI Customer Service.

4. Use the Hardware Kit provided with the unit.
5. The PM-9G sub-assembly can be installed in several types of configurations in the E3 Series cabinets.

To determine the PM-9G installation that you require, refer to the following documents:

- *E3 Series Cabinets B, C, D, Retrofit, DR-C4/DR-D4 and EQ Cabinets Installation Instructions, P/N: LS10082-000GF-E*
- *E3 Series, Remote Annunciator Display and Retrofit Cabinets Installation Instructions, P/N: LS10083-000GF-E*
- *Mass Notification System (MNS) Installation/Operation Manual, P/N: LS10013-000GF-E*

## 2.4 PM-9G Installation Assembly Options

Table 2.4.1 lists the cabinet configurations that the PM-9G can be installed. To determine which configuration to install the PM-9G module, identify the System your facility uses. Then, locate the configuration in the Cabinet Assembly Options column. To locate the Section that describes how to install the PM-9G in the appropriate configuration, refer to the Installation Instructions column.

For example, if your facility uses an E3 Series System, and your facility purchased the Cabinet B backbox, refer to Figure 2.4.1.1 for instructions on how to install the PM-9G to the Cabinet B Backbox.

Cabinet Assembly Options	Part Number	Cabinet Dimensions	Figure
<b>E3 Series System Installation Options</b>			
Cabinet B Backbox	E3BB-BB/RB	19 3/8"W x 19 3/8"H x 4 1/2"D (49W x 49H x 11D cm)	Figure 2.4.1.1
B-Slim Cabinet Backbox	E3BB-RBSLIM	14"W x 20"H x 4 1/2"D (35.5W x 50.8H x 11D cm)	Figure 2.4.1.1
Cabinet C, E3 INX-C Plate	E3-INX-CPLATE	19 3/8"W x 30"H x 4 1/2"D (49W x 76H x 11D cm)	Figure 2.4.1.2
Cabinet C, E3 INCC-C Plate	E3-INCC-CPLATE	19 3/8"W x 30"H x 4 1/2"D (49W x 76H x 11D cm)	Figure 2.4.1.2
Cabinet C, E3-ILI-C Plate (RPT-E3-UPT Connected to ILI-MB-E3/ILI95-MB-E3)	E3-ILI-CPLATE	19 3/8"W x 30"H x 4 1/2"D (49W x 76H x 11D cm)	Figure 2.4.1.2
Cabinet C, E3-ILI-C Plate (RPT-E3-UPT Connected to ANX-MR-FO)	E3-ILI-CPLATE	19 3/8"W x 30"H x 4 1/2"D (49W x 76H x 11D cm)	Figure 2.4.1.2
Cabinet D, E3-INX-D Plate	E3-INX-D PLATE	19 3/8"W x 41"H x 4 1/2"D (49W x 104H x 11D cm)	Figure 2.4.1.2
Cabinet D, E3-INCC-D Plate	E3-INCC-D PLATE	19 3/8"W x 41"H x 4 1/2"D (49W x 104H x 11D cm)	Figure 2.4.1.2
<b>E3 Series Fire/MNS System Installation Options</b>			
Cabinet C (ACU) E3 INCC-CAB-C Plate	E3-INCC-CPLATE	19 3/8"W x 30"H x 4 1/2"D (49W x 76H x 11 D cm)	Figure 2.4.1.2
Cabinet C, E3-INX-CAB-C Plate	E3-INX-CPLATE	19 3/8"W x 30"H x 4 1/2"D (49W x 76H x 11D cm)	Figure 2.4.1.2
Cabinet D, (ACU), E3-INCC-CAB-D	E3-INCC-D PLATE	19 3/8"W x 41"H x 4 1/2"D (49W x 104H x 11D cm)	Figure 2.4.1.2
<b>Retrofit Installation Options</b>			
600XL Retrofit Cabinet C Backbox	600XL-RETROFIT (E3-ILI-CPLATE)	22"W x 30"H x 5.5"D (55.8W x 76.2H x 13.9D cm)	Figure 2.4.1.1
7200 Cabinet B E3-ILI-C Plate	E3-ILI-CPLATE	21"W x 28 1/2"H x 4"D (53.34W x 72.39H x 10.16D cm)	Figure 2.4.1.2
7200 Cabinet C, E3-INCC-D Plate	E3-INCC-D PLATE	21"W x 38"H x 4"D (53.34W x 95.52H x 10.16D cm)	Figure 2.4.1.2

**Table 2.4.1 PM-9G Installation Assembly Options**

## 2.4.1 PM-9G Typical Installation

In an E3 Series cabinet configuration, the PCA PM-9G orientation sub-assembly is mounted directly onto the backbox or mounting plate. It is usually placed below the ILI-MB-E3/ILI95-MB-E3 modules.

### PM-9G Installed to a Backbox

1. Position and align the PM-9G below the ILI-MB-E3/ILI95-MB-E3 module.
2. Mount the PM-9G to the studs in the backbox.
3. Insert six screws (#4-40 x 3/8") in the six-hole mounting pattern and secure the six screws to the backbox as shown in Location 1 in the figure below.

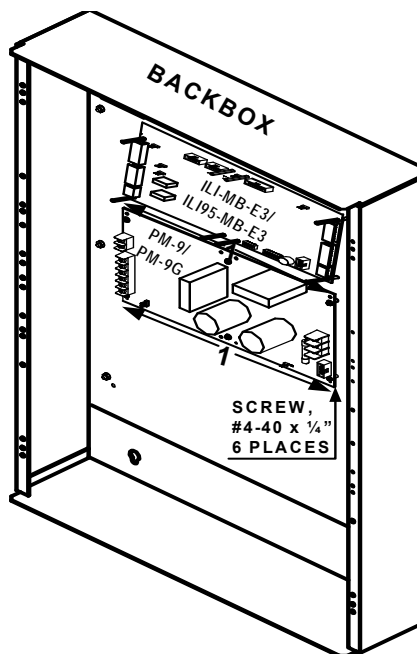


Figure 2.4.1.1 PM-9G Installed to a Backbox

### PM-9G Installed to a Mounting Plate

1. Position and align the PM-9G below the ILI-MB-E3/ILI95-MB-E3 module.
2. Mount the PM-9G to the mounting plate.
3. Insert six screws (#4-40 x 3/8") in the six-hole mounting pattern and secure the six screws to the mounting plate as shown in Location 1 in the figure below.

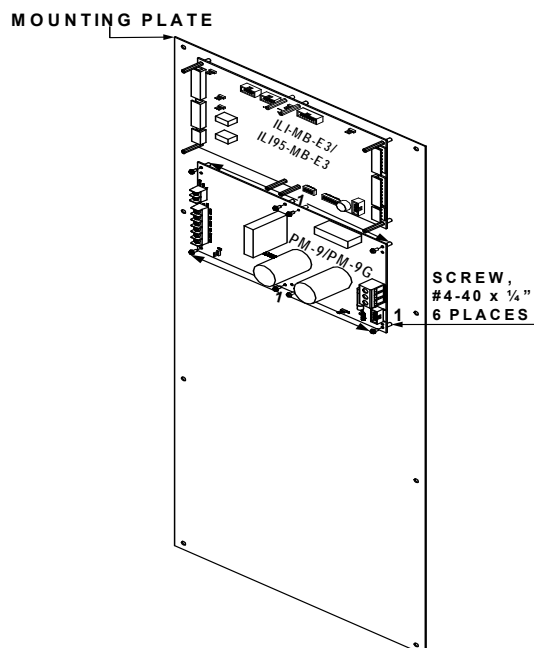


Figure 2.4.1.2 PM-9G Installed to a Mounting Plate

## 2.4.2 Specifications

The following list the electrical specifications for the PM-9G.

<b>Input Voltage:</b>	240VAC @ 50/60Hz
<b>AC Input Current:</b>	2.7 amps max. @ 240VAC, 50/60 Hz
<b>Output Voltage:</b>	24 VDC FWR
<b>Output Current:</b>	9 amperes Alarm max. continuous
<b>Output Current:</b>	5 amperes Standby max. continuous (Note 1)
<b>Supervisory Current:</b>	0.027 amp
<b>Alarm Current:</b>	0.050 amp
<b>Operating Temperature:</b>	32° to 120° F (0° to 49° C)
<b>Relative Humidity:</b>	0 to 93%, non-condensing at 90° F (32° C)
<b>Supervised</b>	
<b>Non Power-Limited</b>	

**NOTE 1:** Continuous standby loads in excess of .560 Amps up to 5 Amps may require Generator Backup or load shedding during an AC power failure. For additional information, refer to the Standby Battery Calculation Chart in the following documents:

- E3 Series Fire System UL Listing Document, P/N: LS10080-051GF-E

- Mass Notification System (MNS) Installation/Operation Manual, P/N: LS10013-000GF-E

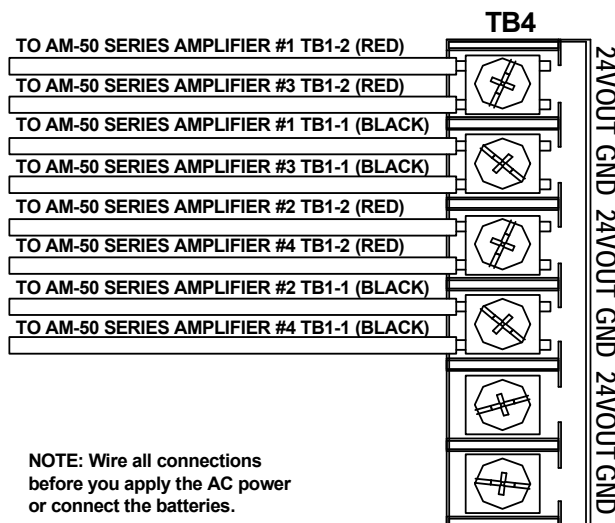
## Section 3: Wiring

1. Remove all sources of power.
2. Install the 10-conductor ribbon cable (supplied) from the INI-VGX (First/Second/Third Generation) connector J4, ILI95-E3/ILI-E3 Series or ANX connector J1 into the PM-9G connector J1.
3. Wire the AC power connections, but do not apply the power until all the wiring is completed and checked. Wiring must comply with local and national codes.
4. Connect the battery wires to the battery terminal block TB3, but do not apply battery power until all the wiring is completed and checked.
5. If the PM-9G is used as a power source for the E3 Series Broadband INX, INX CAB-B, INX CAB-C or INX CAB-D cabinet enclosure, refer to the instructions in Step 5A.

If the PM-9G is located in the same cabinet as the ILI-E3 Series or ANX, refer to instructions in Step 5B.

### 5.A. For use with the E3 Broadband INX, INX CAB-B, INX CAB-C and INX CAB-D:

- 5.A.1. Determine the number of AM-50 Series amplifier modules that will be connected to the PM-9G and pre-wire a pair of wires of adequate length, including the service loop, for each module as shown in Figure 3.1.



**Figure 3.1 Output to the Terminal Wiring for the INX, INX CAB-B, INX CAB-C, or INX CAB-D Installation**

- 5.A.2 If the INI-VGX (First/Second/Third Generation) and the AM-50 Series amplifiers modules have not been installed on the sub-chassis, Gamewell-FCI recommends that you install the INI-VGX and the AM-50 Series amplifiers modules before the sub-chassis is re-mounted in any of the following cabinets:

- INX
- INX CAB-B
- INX CAB-C
- INX CAB-D

- 5.A.3. Re-install the sub-chassis.



**NOTE:** The PM-9G power supply can be used in several types of system configurations. Depending on the system configuration that you use, there are several wiring options. For information on wiring the PM-9G, AM-50 Series amplifiers, INI-VGX (First/Second/Third Generation) modules, refer to the following documents:

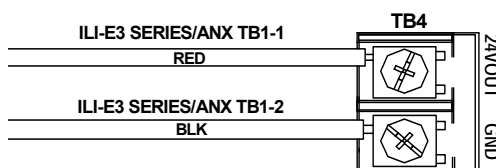
- AM-50 Series Installation Instructions, P/N: 9000-0544
- INI-VG Series Installation Instructions, P/N: 9000-0549
- INI-VG Series (Third Generation) Installation Instructions, P/N: LS10218-000GF-E
- E3 Series Fire System (Expandable Emergency Evacuation System) UL Listing Document, P/N: LS10080-051-GF-E
- Mass Notification System (MNS) Installation/Operation Manual, P/N:LS10013-000GF-E.

### 5.B. For use with the ILI-E3 Series or ANX:

**NOTE:** Use the ANX for Fire applications only.

- 5.B.1. Connect from the PM-9G, TB4-1 to the ILI-E3 Series or ANX Terminals: TB1-1 or TB1-3.

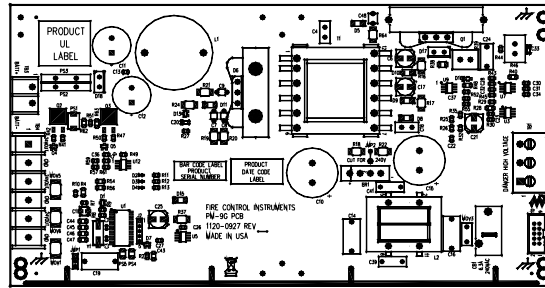
- 5.B.2. Connect from the PM-9G, TB4-2 to the ILI-E3 Series or ANX Terminals: TB1-2 or TB1-4.



**Figure 3.2 Output Terminal Wiring for the ILI-E3 Series and ANX Installation**

## Section 3 Wiring (Continued)

Figure 3.3 illustrates the PM-9G sub-assembly. Table 3.1 lists the PM-9G wiring connections.



**Figure 3.3 PM-9G Board Sub-Assembly**

Designation	Description	Comments
TB1-1	HOT/BLK	Connect to hot, 240 VAC, 50Hz/60Hz - Non Power-limited
TB1-2	GND/GRN	Connect to ground and isolated earth ground - Non Power-limited
TB1-3	NEU/WHT	Connect to neutral 240 VAC, 50Hz/60Hz
TB3-1	BATT+	Battery positive input - Non Power-limited
TB3-2	BATT -	Battery negative input - Non Power-limited
TB4-1	24VOUT	+24 VDC FWR Output to AM-50 Series amplifiers, ILI95-E3/ILI-E3 Series or ANX, TB1-2: used to power two AM-50 Series amplifiers, the ILI95-E3/ILI-E3 Series or ANX
TB4-2	GND	GND (-) Output to AM-50 Series amplifiers, ILI95-E3/ILI-E3 Series or ANX, TB1-1: used to power two AM-50 Series amplifiers, ILI95-E3/ILI-E3 Series or ANX
TB4-3	24VOUT	+24 VDC FWR Output to AM-50 Series amplifiers, ILI95-E3/ILI-E3 Series or ANX, TB1-2: used to power the 2nd pair of AM-50 Series amplifiers, ILI95-E3/ILI-E3 Series, ANX or INI-VG Series. (See Note 3)
TB4-4	GND	GND (-) Output to AM-50 Series amplifiers, ILI95-E3/ILI-E3 Series or ANX: TB1-1: to second pair of AM-50 Series amplifiers, ILI95-E3/ILI-E3 Series, ANX or INI-VG Series.
TB4-5	24VOUT	+24 VDC FWR Output to other sub-assemblies: INI-VG Series (First/Second/Third Generation), ILI95-E3/ILI-E3 Series or ANX
TB4-6	GND	GND (-) Output to INI-VG Series, ILI95-E3/ILI-E3 Series or ANX
JMP1		IN for GND Fault Detection (See Note 1)
J1		10-PIN Ribbon Cable Connect to the ILI95-MB-E3, ILI-MB-E3 or ANX Connector J1, INI-VGX (First/Second/Third Generation), or INI-VGE (First/Second/Third Generation) Connector J4 (See Note 3)
JMP2		Factory use
LED 2	Green	Lights to indicate AC power
LED 3	Yellow	Lights to indicate no or low battery fault
LED 4	Yellow	Lights to indicate ground fault
<b>NOTES</b>		
<b>NOTE:</b> AC "Brown Out" condition indicated by the following:		
- LED 2 (green) OFF - LED 3 (yellow) LIT - LED 4 (yellow) LIT		
<b>Note 1:</b> Must be IN (Enabled) when J1 is connected to an INI-VG Series node. Must be OUT (Disabled) when J1 is connected to an ILI-MB-E3 or an ILI95-MB-E3 node.		
<b>Note 1:</b> Connect J1 to the INI-VG Series J4 when the PM-9G is supplying power to both the INI-VG Series and the ILI-MB-E3 or the ILI95-MB-E3 node types (See Note 1).		
<b>Note 1:</b> The term, INI-VG Series, refers to: INI-VGC, INI-VGE, INI-VGX (First/Second/Third Generation).		

**Table 3.1 PM-9G Terminals, Jumpers and LEDs Wiring Designations**

## Section 3: Wiring (Continued)

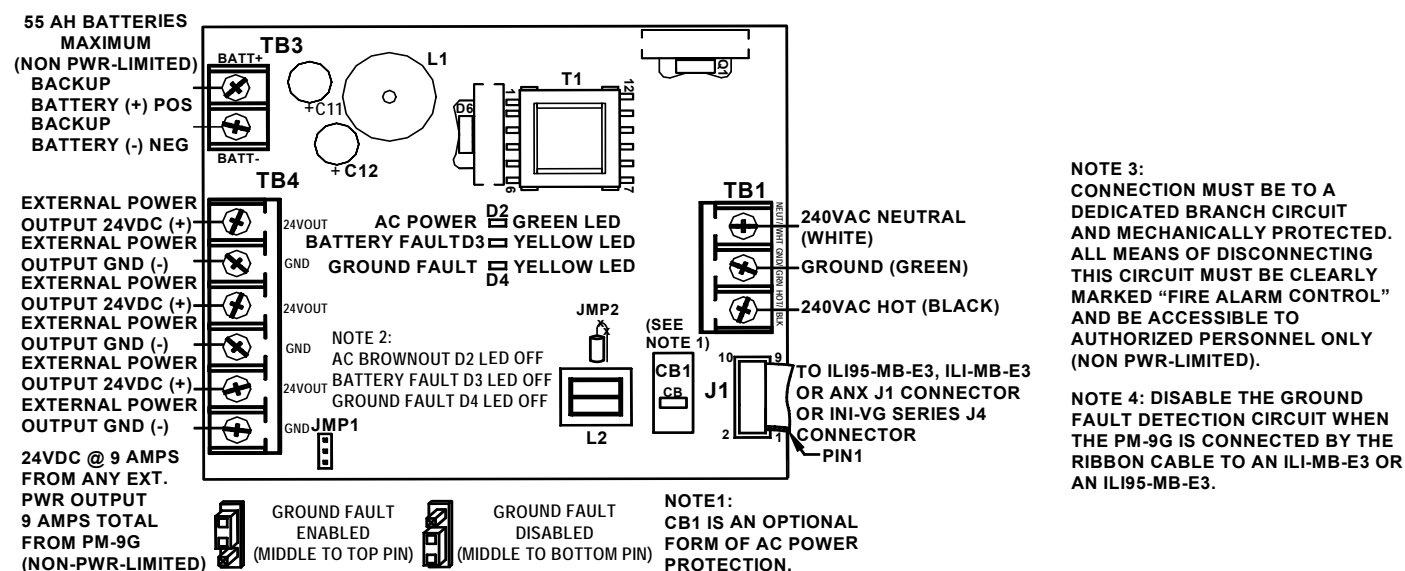
Table 3.2 lists the details for the Ground Fault supervision and settings.

Designation	Description	Comments
Ground Fault Supervision	Jumper Settings	CAMWorks Settings
ILI-MB-E3, ILI95-MB-E3, ANX	W9 shorted on ILI, JMP1 OPEN on PM-9G	ILI Supervision of PM-9G enabled.
INI-VGX (First/Second/Third Generation)	JMP1 shorted on PM-9G, W9 OPEN on ILI	INI-VGX Supervision of PM-9G enabled

**Note 1:** Only one node connected to a PM-9G (by Ribbon Cable) must have "Supervision of the PM-9G" Enabled in CAMWorks™. All additional Nodes powered from a common PM-9G are to have their Ground Fault jumpers open or disabled and the supervision of the PM-9G disabled in CAMWorks™.

### Table 3.2 Ground Fault Supervision

Figure 3.4 illustrates the wiring connections for the PM-9G.



### Figure 3.4 PM-9G Wiring Connections



## Section 4: Reference Documentation

Table 4.1 lists the UL-Controlled documentation assigned to the E3 Series Systems. If you require detailed installation instructions on cabinetry, wiring and specifications, you can download the following UL-Controlled documents from the ESD site on the Gamewell-FCI Website ([www.gamewell-fci-esd.com](http://www.gamewell-fci-esd.com)).

Part Number	Title
UL Listing Document	
LS10005-051GF-E	S3 Series (Small Addressable Fire Alarm Control Panel) UL Listing Document
LS10080-051GF-E	E3 Series Fire System (Expandable Emergency Evacuation System) UL Listing Document
Manuals	
9000-0575	E3 Series Broadband Installation/Operation Manual
9000-0577	E3 Series Classic Installation/Operation Manual
LS10013-000GF-E	E3 Series Combined Fire and MNS Installation/Operation Manual
Installation Instructions	
9000-0491	LCD-7100 (Remote Serial Annunciator) Installation Instructions
9000-0544	AM-50 Series (50 Watt Amplifiers) Installation Instructions
9000-0545	INX, INX CAB-B, INX CAB-C and INX CAB-D Installation Instructions
9000-0546	INCC Intelligent Network Interface Installation Instructions
9000-0548	PM-9 (Power Supply) Installation Instructions
9000-0549	INI-VG Series (Intelligent Network Interface-Voice Gateway) Installation Instructions
9000-0550	ASM-16 (Addressable Switch Module) Installation Instructions
9000-0564	ANU-48 (Remote LED Driver Annunciator) Installation Instructions
9000-0568	NGA (Network Graphic Annunciator) Installation Instructions
9000-0569	ILI-S-E3 (Intelligent Loop Interface - Expansion Board) Installation Instructions
9000-0579	ILI-MB-E3 (Intelligent Loop Interface - Main Board) Installation Instructions
9000-0580	RPT-E3-UTP (Repeater-E3 Unshielded Twisted-Pair) Installation Instructions
9000-0581	DACT-E3 (Digital Alarm Communicator Transmitter) Installation Instructions
9000-0582	LCD-E3 (Liquid Crystal Display-E3) Installation Instructions
9001-0017	ILI95-MB-E3 (Intelligent Loop Interface-95 - Main Board) Installation Instructions
9001-0018	ILI95-S-E3 (Intelligent Loop Interface-95 - Expansion Board) Installation Instructions
9001-0064	ANX (Addressable Node Expander) Installation Instructions
9001-0065	E3BB-FLUSH-LCD-CAB A2 Remote Flush Annunciator Installation Instructions
9001-0066	RAN-7100 (Remote Alphanumeric Annunciator) Installation Instructions
LS10044-000GF-E	SLC-PM/SLC95-PM (Signaling Line Circuit-Personality Modules Installation Instructions
LS10046-000GF-E	FML-E3/FSL-E3 (Fiber-Optic Multi-Mode/Fiber-Optic Single-Mode) Installation Instructions
LS10058-000GF-E	FLPS-7 (Power Supply) Installation Instructions
LS10082-000GF-E	E3 Series Cabinets B, C, D, Retrofit, DR-C4/DR-D4 and EQ Cabinets Installation Instructions
LS10083-000GF-E	E3 Series, Remote Annunciator Display and Retrofit Cabinets Installation Instructions
LS10218-000GF-E	INI-VG Series (Intelligent Network Transponder-Voice Gateway-Third Generation) Instructions
LS10222-000GF-E	NGA (Network Graphic Annunciator-Second Generation) Installation Instructions
Addendum	
9000-0427-L8	Compatibility Addendum to Gamewell-FCI Installation/Operation Manuals UL File S1869 Vol. 8C
Supplement and Frame and Posts	
LS10138-151GF-E	E3 Series Releasing System Supplement
9000-0583	E3 Series for the LCD-E3 Operating Instructions
LS10056-000GF-E	S3 Series (Small Addressable Fire Alarm Control Panel System), Operating Instructions
LS10121-000GF-E	E3 Series for the LCD-SLP Operating Instructions

**Table 4.1 Reference Documentation**

### Honeywell Gamewell-FCI

12 Clintonville Road  
Northford, CT 06472-1610  
203.484.7161  
[www.gamewell-fci.com](http://www.gamewell-fci.com)

9001-0055 | E6 | 06/20  
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