



## FIRE Overrides MASS NOTIFICATION SYSTEM PRIORITY:(Select One)

### E3 SERIES® Combination FIRE and MASS NOTIFICATION SYSTEM (ACU) Operation Instructions for FIRE Overrides MASS NOTIFICATION

#### NORMAL STANDBY CONDITION:

The "AC POWER ON" light is lit. The time displays on the panel display. All other lights & sounding devices are OFF.

#### FIRE ALARM OR CO ALARM CONDITION:

In the event of an alarm condition, immediately notify Authorized Personnel.

**FOR FIRE ALARMS:** On the NGA, the following occurs:

- The red "ALARM" light flashes.
- Identifies the source of the alarm.
- Activates Fire Alarm A/V signaling devices.

**FOR CO ALARMS:** On the NGA, the following occurs:

- Backlight flashes on the NGA display.
- Identifies the source of the alarm.
- Activates the Alarm signals.
- Sounds the panel sounding device.

#### FOLLOW PROPER EMERGENCY PROCEDURES TO NOTIFY THE FIRE DEPT., EVACUATE THE BUILDING ETC.

**FOR A MASS NOTIFICATION CONDITION:** When no fire condition exists, to initiate Mass Notification, select any recorded message or the MNS page enable. On the NGA, the following occurs:

- Identifies the source of the MNS Alarm Event.
- Activates the red "ALARM" LED.
- Sounds the panel sounding device.

**NOTE:** The ACU overrides all LOC control with the activation of any ACU control function.

#### TO ACKNOWLEDGE FIRE, CO OR MNS ALARMS:

1. Press the "ALARM ACKNOWLEDGE" button to silence the sounder and stop the flashing of the ALARM LED (remains illuminated).

**NOTE:** You must Acknowledge each ALARM activation individually. To view multiple events, scroll the display.

#### TO SILENCE FIRE OR CO ALARM SIGNALING:

When instructed by Authorized Personnel, the audible Fire Alarm signals may be silenced.

1. Press the "SIGNAL SILENCE" switch.
2. A message, "SYSTEM SILENCED," appears on the display.

**NOTE:** Mass Notification messages are not silenceable. Manually turn off the active message to silence. A reminder tone will sound every 30 seconds until you reset MNS.

#### TO RESET FIRE OR CO ALARMS:

1. After the alarm condition is resolved, an Authorized Personnel may reset the system.

**NOTE:** Restore all initiating devices to normal or the system will not reset.

2. To access the Reset screen, press **RST** on the touchscreen.
3. Press the **FIRE RESET** button or Cancel.

**NOTE:** For Fire Overrides MNS, the **FIRE** event must be reset first. Then, reset the MNS condition.

#### TO RESET AN MNS Condition:

1. Reset the Fire event (if a Fire event exists).
2. Reset the **MNS** condition.
3. To access the Reset screen, press **RST** on the touchscreen.
4. Press the **MNS RESET** button or Cancel.

#### LIVE VOICE PAGING DURING A FIRE CONDITION:

1. Press the Page enable ASM button # 10 indicated by the green LED.
2. To activate the audio paging, press the push-to-talk microphone button.
3. Page automatically overrides recorded messages and signal silence.

**NOTE:** THIS SYSTEM MUST BE TESTED REGULARLY IN ACCORDANCE WITH LOCAL AND STATE FIRE CODES.



12 Clintonville Road Northford, CT 06472-1610 USA  
203-484-7161 • FAX 203-484-7118 • www.gamewell-fci.com

## MASS NOTIFICATION Overrides FIRE



### E3 SERIES® Combination FIRE and MASS NOTIFICATION SYSTEM (ACU) Operation Instructions for MASS NOTIFICATION Overrides FIRE

#### NORMAL STANDBY CONDITION:

The "AC POWER ON" light is lit. The time displays on the panel display. All other lights & sounding devices are OFF.

#### MASS NOTIFICATION ALARM CONDITION:

To initiate Mass Notification, select any recorded message or the MNS page enable.

On the NGA display, the following occurs:

- Identifies the source of the MNS Alarm Event.
- Activates the red "ALARM" LED.
- Sounds the panel sounding device.
- Overrides any existing Fire A/V signaling devices.

**NOTE:** The ACU overrides all LOC control with the activation of any ACU control function.

#### FIRE ALARM OR CO ALARM CONDITION:

In the event of an alarm condition, immediately notify Authorized Personnel.

**FOR FIRE ALARMS:** On the NGA display, the following occurs:

- The red "ALARM" light flashes.
- Identifies the source of the FIRE Alarm Event.
- Activates the Fire Alarm A/V signaling devices.

**FOR CO ALARMS:** The following occurs on the NGA.

- Backlight flashes on the NGA display.
- Identifies the source of the CO Alarm Event.
- Activates the Alarm signals.
- Sounds the panel sounding device.

#### TO ACKNOWLEDGE FIRE, CO OR MNS ALARMS:

1. To silence the sounder and stop the flashing of the ALARM LED (remains illuminated), press the "ALARM ACKNOWLEDGE" button.

**NOTE:** You must Acknowledge each ALARM activation individually. To view multiple events, scroll the display.

#### TO SILENCE ALARM SIGNALING:

**NOTE:** Mass Notification messages are not silenceable. Manually turn off the active message to silence. A reminder tone will sound every 30 seconds until you reset MNS.

#### TO SILENCE FIRE OR CO ALARM SIGNALING:

When instructed by Authorized Personnel, the audible Fire alarm signals may be silenced.

1. Press the "SIGNAL SILENCE" switch.
2. A message, "SYSTEM SILENCED," appears on the display.

#### TO RESET AN MNS CONDITION:

1. Reset the **MNS** condition.
2. Reset the **Fire** event (if a fire event exists).
3. To access the Reset screen, press **RST** on the touchscreen.
4. Press the **MNS RESET** button or Cancel.

#### TO RESET FIRE OR CO ALARMS:

1. After you reset the MNS condition and resolve the alarm condition, an Authorized Personnel may reset the system.

**NOTE:** Restore all initiating devices to normal or the system will not reset.

2. To access the Reset screen, press **RST** on the touchscreen.
3. Press the **FIRE RESET** button or Cancel.

**NOTE:** For MNS Overrides Fire, the MNS event must be reset first. Then, reset the Fire condition.

#### LIVE VOICE PAGING DURING AN MNS CONDITION:

1. Press the Page enable ASM button # 9 indicated by the green LED.
2. To activate the audio paging, press the push-to-talk microphone button.
3. Page automatically overrides recorded messages and signal silence. MNS Paging initiates an MNS ALARM event.

P/N LS10037-000GF-E:A 03/21/13 ECN 12-0250

## ACU TRANSFER OF CONTROL

Activation and Control of the MNS functions is required to be restricted to only one location at one time. During an MNS event, the location of the Active Control displays on all NGA display locations. The ACU can override any LOC-In-Control and can seize control at anytime.

If an MNS state is already in effect and the Control status resides in an LOC, the Operator at the ACU may override the LOC by the activation of any ASM-16 button dedicated to any Mass Notification function.

To Transfer Control to the ACU, the Operator does the following:

1. Press any configured switch on the ASM-16 to relinquish control from an LOC.
2. On the ASM-16, the red LED (next to the configured switch) turns off and the green LED turns on.
3. After the green LED (next to the configured switch) turns on, the Operator can take control of the ACU.

## RESET PAGE

To reset the Page or MIC, do the following:

1. Press Switch 9 on the ASM-16.
2. On Switch 9, the red and green LEDs turn on.
3. Key the MIC, on the ASM-16, the green LED turns off and the yellow and red LEDs turn on.
4. Release the MIC, on the ASM-16, the yellow LED turns off and the red LED remains on.
5. To reset the Page, do either of the following:
  - Press Switch 9 on the ASM-16.
  - Wait until the preconfigured Time-Out occurs.
6. After the page is reset, on the ASM-16, the red LED turns off and the green LED turns on.

## NGA LED INDICATORS

The NGA operates its LEDs by active conditions initiated by the System. The following lists the NGA LED Indicators and Functions.

Description	LED	Function
Power On	Green	Lights steady green when powered ON.
Alarm	Red	Blinks red until you press <b>ACK</b> button. Then lights steady red until you clear all Alarm Events.
Supervisory	Yellow	Blinks yellow until you press <b>ACK</b> button. Then lights steady yellow until you clear all Supervisory Events.
System Trouble	Yellow	Blinks yellow until you press <b>ACK</b> button. Then lights steady yellow until you clear all System Trouble Events.
Ground Fault	Yellow	Lights steady yellow when a ground fault is present.

The following lists the NGA Diagnostic LED Indicators:

Designation	Label	Description
LED1	REC	Network is reconfiguring.
LED2	MRC	This node is initiating a network reconfiguration.
LED3	DUP	Duplicate node address or switch error.
LED4	TX	The sub-assembly is transmitting network data.
LED5	RX	The sub-assembly is receiving network data.
LED6	RST	Firmware Fault
LED7	DG	Trouble condition

## NGA TOUCHSCREEN TABS AND BUTTONS

For additional information on the NGA's touchscreen tabs and buttons, refer to the following documents:

- *Mass Notification System (MNS) Installation/Operation Manual, P/N: LS10013-000GF-E*
- *NGA Installation Instructions, P/N: 9000-0568*

## ASM-16 LED INDICATORS

There are three (3) LEDs for each of the sixteen (16) switches on the ASM-16 module, totaling 48 LEDs. The standard LEDs and descriptions are listed as follows:

- Red LED Control Not available
- Green LED Control Available
- Yellow LED Control Fault

The ASM-16 slide-in labels identify the switch and LED functions required by the Facilities Management and approved by the AHJ.

For additional information on Mass Notification, refer to the *Mass Notification System (MNS) Installation/Operation Manual, P/N: LS10013-000GF-E*.

## SERVICE CALLS:

NOTE: THIS EQUIPMENT IS TO BE SERVICED BY ONLY AUTHORIZED PERSONNEL. FOR SERVICE, CALL:

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For ready reference, the ACU Operating Instructions must be framed and placed adjacent to the control unit.