



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

**E3 SERIES® Combination FIRE and MASS NOTIFICATION SYSTEM (LOC) Operation Instructions for FIRE Overrides MASS NOTIFICATION**

**NORMAL STANDBY CONDITION:**

The "AC POWER ON" light is lit. The time displays on the NGA display. All other lights & sounding devices are OFF. The ASM switch module displays a green LED by Switch 14 and displays a red LED by Switch 16.

**FIRE ALARM, CO OR MNS ALARM CONDITIONS:**

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 obtain MNS System Control, do the following:

1. Press Switch 16 if no other LOC or the ACU does not have control (green LED lit by Switch 14).
2. After you obtain the MNS control (green LED lit by Switch 16), to initiate the MNS alarm, select any recorded message or the MNS page.
3. 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.

**NOTE:** The ACU overrides all 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.



**MASS NOTIFICATION Overrides FIRE**



**E3 SERIES® Combination FIRE and MASS NOTIFICATION SYSTEM (LOC) Operation Instructions for MASS NOTIFICATION Overrides FIRE**

**NORMAL STANDBY CONDITION:**

The "AC POWER ON" light is lit. The time displays on the NGA display. All other lights & sounding devices are OFF. The ASM Switch module displays a green LED by Switch 14 and a red LED by Switch 16.

**MASS NOTIFICATION ALARM CONDITION:**

To obtain MNS System control, do the following.

1. Press Switch 16 if the ACU or other LOC does not have control, (green LED lit by Switch 14).
2. After you obtain MNS control (green LED lit by Switch 16), to initiate the MNS alarm, select any recorded message or the MNS page enable.
3. On the NGA display, the following occurs.
  - Identifies the source of the MNS alarm event.
  - Activates the red alarm LED and the panel sounding device.
  - MNS overrides any existing Fire A/V signaling.

**NOTE:** The ACU overrides all local 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.
- Activates the 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.**

**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. "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.

## LOC TRANSFER OF CONTROL

Activation and Control of the MNS functions are 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.

To transfer control to an LOC, do the following:

1. Press the configured 'Control' switch on the ASM-16.
2. On the ASM-16, the red LED turns on.
3. After the Operator presses the 'Control' switch, on the ASM-16, the red LED turns off and the green LED turns on to signal control of the MNS System.
4. The LOC-In-Control has up to 60 seconds for control of the MNS System before one of the following occurs:
  - 60 seconds times-out due to inactivity.
  - ACU overrides the LOC-In-Control.
5. After the LOC relinquishes control, on the ASM-16, the green LED turns off and the red LED turns on.

## INACTIVE LOC REQUESTING TRANSFER OF CONTROL FROM AN ACTIVE LOC

Transfer of Control to an inactive LOC from an active LOC occurs by either of the following:

- The Operator at the active LOC presses the configured 'Control' switch to relinquish control.
- The LOC-In-Control times-out due to in-activity.

For an Operator at an inactive LOC to request transfer of control from an active LOC, do the following:

1. At the inactive LOC, press the configured 'Control' switch on the ASM-16.
2. On the ASM-16, the red LED turns on indicating either of the following:
  - Another LOC is In-Control
  - ACU is In-Control
3. After the inactive LOC requests control, on the ASM-16, a blinking red LED turns on at the ACU, active LOC, and all other inactive LOCs (not requesting control).  
The blinking red LED signals to the Operator at an active LOC that another inactive LOC requests control.
4. The red LED continues to blink red until one of the following conditions occur:
  - The LOC-In-Control transfers control to the LOC requesting control.
  - ACU takes control.
5. At the LOC-In-Control, press the configured 'Control' switch on the ASM-16 to release control.
6. At the LOC-In-Control, the following occurs:
  - On the ASM-16, the green LED turns off and the red LED turns on.
  - The 60 second control timer times-out and transfers control to the LOC requesting control.
7. At the LOC requesting control, on the ASM-16, the green LED turns on and the red LED turns off.
8. The LOC-In-Control has up to 60 seconds for control of the MNS System before either occurs:
  - 60 seconds times-out due to inactivity
  - ACU overrides the LOC-In-Control
9. After the LOC relinquishes control, on the ASM-16, the green LED turns off and the red LED turns on.

## 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 turns 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, 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 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 | Description | Comments                                           |
|-------------|-------------|----------------------------------------------------|
| 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 the LED functions required by the Facilities Management and approved by the AHJ.

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

## SERVICE CALLS:

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

---



---



---



---



---



---

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