

NGA

Network Graphic Annunciator

The NGA is a programmable touch-screen remote annunciator used with the E3 Series® Fire, Mass Notification and Voice Evacuation Systems.

GENERAL

The Gamewell-FCI, NGA LCD Graphic Annunciator is a powerful, software programmable, touch-screen, remote annunciator. It is used with the following Gamewell-FCI systems:

- E3 Series® Expandable Emergency Evacuation System
- E3 Series Combined Fire and Mass Notification System
- E3 Series Broadband Voice Evacuation System

The bright, back-lit 1/4" VGA (Video Graphic Display) is supplemented with an intuitive, easy-to-use touch-screen interface that provides the following features:

- Up to 512 user-defined messages may be configured.
- Messages may be up to 77 characters in length.
- Display font and color may be selected for each message.

The NGA mounts in the following enclosures or it can be remotely located:

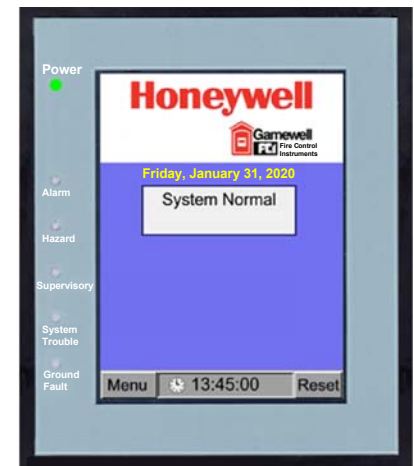
- E3 Series Fire Command Center
- E3 Series Broadband Voice Command Center
- ACU Main Command Center
- E3 LOC Remote Command Center

It occupies one standard slot in the cabinet and directly connects to the INI-VGC or RPT-E3-UTP which eliminates the need for a separate ARCNET interface. The NGA occupies one node on the Broadband network.

The back-lit LCD display indicates events stored in the System Event Log, the status of analog addressable monitor, control points, and provides diagnostic fault codes/messages.

ORDERING INFORMATION

1100-0505: Network graphic annunciator



NGA

FEATURES AND BENEFITS

- Listed under UL® Standard 864, 10th Edition
- Listed under UL Standard UL2572, 2nd Edition for Mass Notification
- Includes an RS-232 interface
- Provides a software programmable touch-screen interface
- Supports 625K baud ARCNET communications
- Offers a 1/4" VGA display multipurpose touchscreen provides the following options:
 - Up to 512 user-defined messages may be configured
 - Messages can be up to 77 characters in length
 - Display font and color may be selected for each message
- Mounts in the following command center mounting spaces or enclosures:
 - E3 Series Expandable Emergency Evacuation System
 - E3 Series Broadband Voice Evacuation Systems
 - E3 Series Combined Fire & Mass Notification System
- Offers a user-friendly design

NGA LEDs

The NGA is programmed to activate LEDs when the system initiates active conditions. Additional LEDs located on the display panel perimeter indicate the following conditions.

- Power On
- Alarm
- System Trouble
- Supervisory
- Ground Fault

Figure 1 illustrates the NGA screen that displays an MNS Alarm Event condition.



Figure 1 NGA Screen with MNS Alarm Event

NGA Touchscreen Tabs and Buttons

The attractive, state-of-the-art display is user-friendly, easy-to-read and affords the end-user with the means to perform numerous functions via the touch-screen feature which is software programmable. The following list the switch and system maintenance functions.

- MNS Alarm
- MNS Supervisory
- Fire Reset
- MNS Reset
- Fire Alarm
- Fire Trouble
- Fire Supervisory
- Alarm Acknowledge
- Text Message
- Signal Silence
- Menu
- Scroll Up
- Scroll Down

NGA Reset Screens Buttons

There are two NGA Reset screen buttons.

- Fire Only Reset button
- Fire/MNS Reset button

The Fire and MNS Reset buttons operate independently of each other. When both Fire and MNS Alarm conditions exist, the highest priority condition must be reset first, then followed by the lower priority condition.

Figure 2 illustrates the NGA, System Reset screen that displays an Inactive Fire/MNS Event.

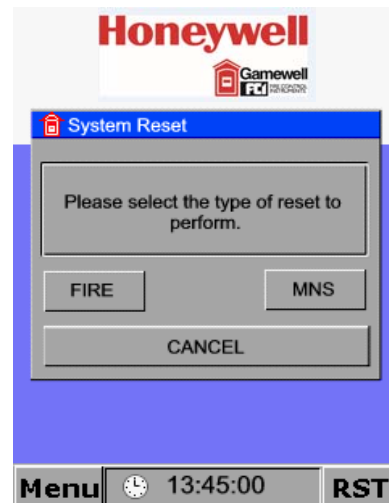


Figure 2 NGA Reset Screen for Inactive Fire/MNS Buttons

NGA TECHNICAL SPECIFICATIONS

SPECIFICATIONS

Operating Voltage: 24 VDC from the PM-9/PM-9G power supply

Operating Current: 0.200 amp (See Note)

Alarm Current: 0.200 amp

Operating Temperature: 32° to 120° F
(0° to 49° C)

Relative Humidity: 0 to 93%
(non-condensing) at 90° F (32° C)

Note: Normal operating current. During power failure, current drops to 0.045 amp, since the back light is extinguished.

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

STANDARDS

The NGA is designed to comply with the following standards:

UL Standards: UL Standard 864, 10th Edition
UL Standard 2572, 2nd Edition
for Mass Notification

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.

UL Listed: S1869
S1949
864, 10th Edition
2572, 2nd Edition for Mass
Notification

FM Approved: 3017416

MEA FDNY: COA 6077

CSFM: 7165-1703:0125

City of Chicago Approved:

Class 1, Class 2, High Rise

City of Denver Approved

ISO 9001 Certification

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

Country of origin: U.S.A.

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