

TR-NGA

Network Graphic Annunciator

The TR-NGA is a programmable touch-screen remote annunciator used with the GEN2 Series Fire, Mass Notification and Voice Evacuation Systems.

INSTALLATION

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

- GEN2 Series Expandable Emergency Evacuation System
- GEN2 Series Combined Fire and Mass Notification System
- GEN2 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 TR-NGA mounts in the following enclosures or it can be remotely located:

- GEN2 Series Fire Command Center
- GEN2 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 TR-INI-VGC or TR-RPTE3- UTP which eliminates the need for a separate ARCNET interface. The TR-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.



TR-NGA

FEATURES & BENEFITS

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| <ul style="list-style-type: none"> • 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 touchscreen interface • Supports 625K baud ARCNET communications | <ul style="list-style-type: none"> • Offers a 1/4" VGA display multipurpose touchscreen provides the following options: <ul style="list-style-type: none"> - 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 | <ul style="list-style-type: none"> • Mounts in the following command center mounting spaces or enclosures: <ul style="list-style-type: none"> - GEN2 Series Expandable Emergency Evacuation System - GEN2 Series Broadband Voice Evacuation Systems - GEN2 Series Combined Fire & Mass Notification System • Offers a user-friendly design |
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Note: Specifications are subject to change without notice.

TR-NGA LEDs

The TR-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
- System Trouble
- Ground Fault
- Alarm
- Supervisory

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

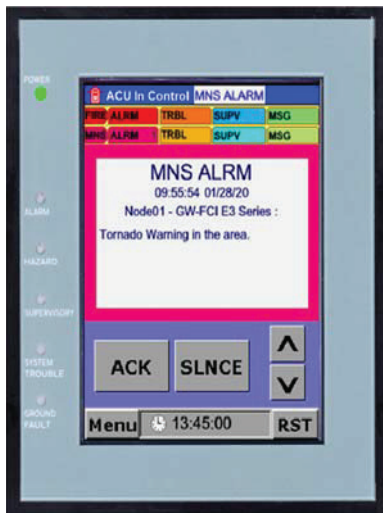


Figure 1 TR-NGA Screen with MNS Alarm Event

TR-NGA Reset Screens Buttons

There are two TR-NGA Reset screen buttons.

The Fire and MNS Reset buttons operate independently of each other.

- Fire Only Reset button
- Fire/MNS Reset button

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 TR-NGA, System Reset screen that displays an Inactive Fire/MNS Event.

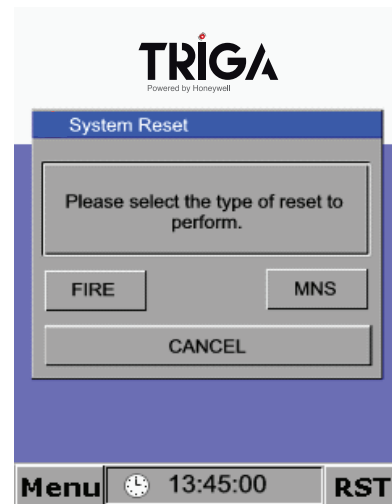


Figure 2 TR-NGA Reset Screen for Inactive Fire/MNS Buttons

TR-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



Technical Specifications

SPECIFICATIONS

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

Operating Current: 84 mA

Alarm Current: 84 mA

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

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

STANDARDS

The TR-NGA is designed to comply with the following standards:

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

ORDERING INFORMATION

TR-NGA: Network graphic annunciator

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.

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