ALPHA™ SERIES: 4080 RGB MNS-0

Emergency Notification Solutions from Adaptive

Adaptive Display Solutions electronic message centers should be a component of any multi-modal emergency notification plan.

Having your campus-wide alert systems work together by incorporating our products helps to ensure that in a crisis, everyone receives emergency notification – including areas where noise levels are high, acoustics are poor, or mobile phones are not permitted or accessible.

Adaptive is a leading provider to the rapidly growing MNS market. We display critical alerts and messages via highly visible, full-color LED displays that are rated for both indoor and semi-outdoor applications listed to UL1638 Standard for Safety to Visual Signaling Appliances.

Adaptive

Manufacturing quality LED display solutions in the United States for over 35 years.

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Deploying Adaptive LED-based displays is an excellent way to create a network-centric system that can enhance the effectiveness of your existing emergency communications platform. Our Mass Notification System (MNS) products comply with the NFPA 72 guidelines.

Building and Emergency Systems Managers, along with Safety and Security Professionals at College and University campuses, K-12 schools, Healthcare and Government facilities, and other high-flow traffic and high security areas rely on solutions from Adaptive for their Mass Notification needs.

Combining the elements for a Unified Communication System

All Adaptive full-color LED message centers are built with a flexible architecture that can be integrated with a variety of emergency notification and life safety platforms, including Emergency Communication Systems (ECS), Mass Notification Systems (MNS) and network-centric, crisis communication platforms. Pre-programmed or on-demand messages can be sent to the display the instant an emergency or crisis event is triggered. Additional functionality, such as group messaging by zone or building, is also available through our indoor, semi-outdoor and fully weather-proof outdoor rated products.

MNS Features

Characters	2 lines of 13 characters per line
Communications Interface	RS-485 and Ethernet
Connections	Power and RS-485 via screw terminal / Ethernet via plug
Compliance	UL 1638, NFPA 72, FCC Class A
Mounting	Low profile wall mount, 1/2" all-thread ceiling mount
Front Lens Cover	Polycarbonate
Hardened Electronics	Components for the semi-outdoor unit have a wider temp range
External Case	Gasketed to prevent water intrusion
Selective Conformal Coating of Electronics	For humid environments
Warranty	2 Years

MNS Specifications

Adaptive Part Number	1776851024
Display Matrix	80 Columns x 16 Rows
Pixel Pitch	0.3" (7.62mm)
Brightness	Typical 1300 NITS
Display Colors	Full Color (RGB)
Case Dimensions	25" x 3.1" x 7.2" (L x D x H)
Display Area	25" x 4.8" (L x H)
Character Size	4.8" (121.92mm) or 2.1" (53.34mm)
Weight	12.5 lbs.
Operating Temperature	-30° C to 50°C
Storage Temperature	-40° C to 85°C
Humidity Range	Designed for Semi-Outdoor Sheltered Use
Input Voltage	16 to 33VDC (24VDC Typical); can accept battery operation
Current draw (@16VDC in)	All pixels white: 2.2A Max, Typical Message: 0.8A

FULL FEATURED

- Supports integration with leading fire control panel manufacturers and network-based emergency notification providers through open communications protocol.
- Pre-programed, first responder and priority messaging
- Scrolling and flashing text
- Messaging by groups or zones
- Reliable and energy efficient.
- High visibility and readability out to 150 feet (50 Meters)+
- Display date, time, weather and other general messages during non-critical situations
- Support for secure encrypted network protocol
- Rated UL 1638, NFPA72, FCC Class A

EMERGENCY DISPLAY BENEFITS

- Communicate clearly in environments with high noise levels, poor ambient lighting, or bad acoustics.
- Provide visual messaging for the hearing impaired.
- Offer primary or supplemental visual crisis emergency notification that complies with NFPA72 code 24.4.3.18 (use of Textual and Graphical Visible Appliances).
- Provides emergency lighting when white LED's are illuminated in partial or full mode.

MULTIPLE DISPLAY OPTIONS

Display messages on bright LEDs with wide viewing angles for optimum visibility and readability from 150 feet (50 meters)+ away.

In addition to our indoor and semi-outdoor rated MNS products, Adaptive offers fully-sealed, outdoor-rated graphics compatible displays like our popular A Series.

* Additional sizes available: contact us for 120W x 16H or 160W x 16H information

*Available with "Alpha" or "Ooh!Media" Player (update via USB available with Ooh!Media Player)