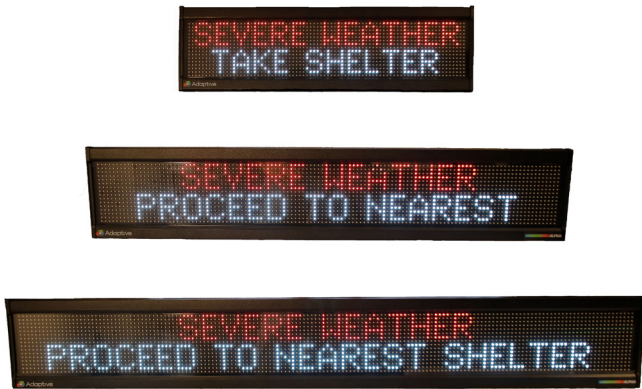


ALPHA™ 4000 RGB MNS-O SERIES



ALPHA™



Emergency Notification Solutions

Adaptive Display Solutions electronic message centers should be a component of any multi-model 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.

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*

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).*
- *May provide lighting when white LED's are illuminated in partial or full display mode.*

Specification	Alpha 4080 MNS	Alpha 4120 MNS	Alpha 4160 MNS
*Case Dimensions: (W x H x D)	25.2" x 7.4" x 3.2" 640mm x 188mm x 81mm	37.2" x 7.4" x 3.2" 945mm x 188mm x 81mm	49.2" x 7.4" x 3.2" 1250mm x 188mm x 81mm
Approximate Weight	8 lbs. 3.6 kg.	11 lbs. 5.0 kg.	14 lbs. 6.4 kg.
Resolution / Display Array	80 Columns x 16 Rows	120 Columns x 16 Rows	160 Columns x 16 Rows
Display Array	80 x 16 pixels	120 x 16 pixels	160 x 16 pixels
Lines	1 2	1 2	1 2
Characters / Line	10 13	15 20	20 26
Input Voltage	PoE per IEEE 802.3at (PoE+)	PoE per IEEE 802.3at Type3 (Microsemi Version)	PoE per IEEE 802.3bt Type3 (Microsemi Version)
Power Draw	20W	30W	40W
Character Size	4.8" (121.92mm) or 2.1"(53.34mm)		
LED Spacing (Pitch)	7.62mm		
Brightness	Typical 1300 NITS		
Display Colors	RGB 4096 Colors		
Operating Temperature	-30° C to 50° C		
Storage Temperature	-40° C to 85° C		
Humidity Range	5-95% Non-Condensing		
Communication Interface	Power over Ethernet		
Connection	Ethernet		
Computer Interface	TCP/IP Connectivity, Supports DHCP & Static Addressing		
File Capabilities	AlphaNet .gifs, jpeg, bmp; Ooh!Media also Includes .png, avi, mpg, wmv		
Compliance	UL 1638, NFPA 72, FCC Class A		
Mounting	Wall Mounting (Standard) with Available Ceiling Mount (Optional)		
Front Lens Cover	Polycarbonate		
External Case	Designed for Semi-Outdoor Shelter Use		
Warranty	Two Years Parts and Factory Labor		
Software	No Foreign Firmware or Software		
TechnicalSupport	Phone and On-Line from Adaptive Technical Support Team		

Adaptive Micro Systems has over 35 years of experience manufacturing quality LED signage solutions. We design innovative products that are simple to maintain and easy to operate. By designing, manufacturing and testing all products in our advanced U.S. facility, Adaptive maintains complete control of our quality products.



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