

## ALPHA 4000 RGB MNS SERIES



## 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.



**ALPHA-AMERICAN**  
• PROGRAMMABLE SIGNS •

*"COMMUNICATING AT THE SPEED OF LIGHT"*

800-223-4636 or 858-273-3036

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	Alpha 4080 MNS	Alpha 4120 MNS	Alpha 4160 MNS
<b>Case Dimensions (W x H x D)</b>	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
<b>Approximate Weight</b>	8 lbs. 3.6 kg	11 lbs. 5.0 kg	14 lbs. 6.4 kg
<b>Resolution / Display Array</b>	80 Columns x 16 Rows	120 Columns x 16 Rows	160 Columns x 16 Rows
<b>Display Array</b>	80 x 16 pixels	120 x 16 pixels	160 x 16 pixels
<b>Characters / Lines</b>	11 Characters / 1 line 13 Characters / 2 lines	15 Characters / 1 line 20 Characters / 2 lines	20 Characters / 1 line 26 Characters / 2 lines
<b>Input Voltage</b>	PoE per IEEE 802.3 at (PoE+)	PoE per IEEE 802.3at Type 3 (Microsoft Version)	PoE per IEEE 802.3bt Type 3 (Microsoft Version)
<b>Power Draw</b>	20W	30W	40W
<b>Character Size</b>	4.8" (121.92mm) or 2.1"(53.34mm)		
<b>LED Spacing (Pitch)</b>	7.42 mm		
<b>Brightness</b>	Typical 1300 NITS		
<b>Display Colors</b>	RGB 4096 Colors		
<b>Operating Temperature</b>	-30° C to 50° C		
<b>Storage Temperature</b>	-40° C to 85° C		
<b>Humidity Range</b>	5-95% Non-Condensing		
<b>Communication Interface</b>	Power over Ethernet		
<b>Connection</b>	Ethernet		
<b>Computer Interface</b>	TCP/IP Connectivity, Supports DHCP & Static Addressing		
<b>File Capabilities</b>	AlphaNet .gifs, jpeg, bmp; Ooh!Media also Includes .png, avi, mpg, wmv		
<b>Compliance</b>	UL 1638, NFPA 72, FCC Class A		
<b>Mounting</b>	Wall Mounting (Standard) with Available Ceiling Mount (Optional)		
<b>Front Lens Cover</b>	Polycarbonate		
<b>External Case</b>	Designed for Semi-Outdoor Shelter Use		
<b>Warranty</b>	Two Years Parts and Factory Labor		
<b>Software</b>	No Foreign Firmware or Software		
<b>Technical Support</b>	Phone and On-Line from Alpha-American Programmable Signs Support Team		



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