

# ALPHA™ 4000 SERIES



# ALPHA™

Alpha™ 4000 Series displays highly visible moving messages.

The Alpha™ 4000 Series two-line moving message display system adds excitement and high visibility to any of your communication programs.

Look to LED electronic displays to create awareness of important announcements, schedule changes, upcoming events, safety messages, birthdays and other information.



#### Typical installation locations:

- Hallways and lobbies
- Conference rooms
- Production areas
- Waiting rooms
- Retail stores
- Libraries
- Cafeterias

#### Features:

- Character size: 2.1 - 4.8 inches
- One year USA factory warranty
- Stores & displays up to 96 messages
- Flexibility of 1 or 2 line messages
- Keyboard programmable from 30 ft.
- 3 Brilliant colors & 3 rainbow effects
- 5 character fonts
- Create your own graphics & logos

#### Ease of use.



Messages can be easily entered using a hand-held IR keyboard. Within seconds, the user can create exciting visual announcements.

#### Easy networking.



In applications requiring multiple units to communicate important information, Alpha displays can be connected to a PC to form a powerful integrated visual information network throughout your building.

Sizes	4080C	4120C	4160C	4200C	4240C
*Case Dimensions: (With Power supply)	28.2"L x 5.5"D x 7.7"H (71.6 cm L x 14.0 cm D x 19.6 cm H)	40.2"L x 5.5"D x 7.7"H (101.9 cm L x 14.0 cm D x 19.6 cm H)	52.1"L x 5.5"D x 7.7"H (132.3 cm L x 14.0 cm D x 19.6 cm H)	64.1"L x 5.5"D x 7.7"H (162.8 cm L x 14.0 cm D x 19.6 cm H)	76.1"L x 5.5" D x 7.7"H (193.3 cm L x 14.0 cm D x 19.6 cm H)
Approximate Weight:	13 lbs. (5.8 kg.)	18.5 lbs. (8.4 kg.)	24.5 lbs. (11.2 kg.)	31 lbs. (14.1 kg.)	37.5 lbs. (17 kg.)
Display Dimensions:	24"L x 4.8"H (60.9 cm L x 12.2 cm H)	38"L x 4.8"H (91.4 cm L x 12.2 cm H)	48"L x 4.8"H (121.9 cm L x 12.2 cm H)	60"L x 4.8"H (152.4 cm L x 12.2 cm H)	72"L x 4.8"H (182.8 L x 12.2 cm H)
Display Array:	80 x 16 pixels	120 x 16 pixels	160 x 16 pixels	200 x 16 pixels	240 x 16 pixels
Characters/Line (typical): One-Line: Two-Line:	8 13	12 20	16 26	20 33	24 40
Display Memory:	28,000 characters	28,000 characters	28,000 characters	28,000 characters	28,000 characters

Display Specifications	
Pixel Size (Diameter):	0.2" (.5 cm)
Pixel (LED) Color:	4000C Series – Red, green or amber
Center-to-Center Pixel Spacing (Pitch):	0.3" (0.8 cm)
Character Size (One-line format): (Two-line format):	4.8" (12.2 cm) 2.1" (5.3 cm)
Character Set:	International Character Set, Block (sans serif), decorative (serif), upper/lower case, slim, wide, double wide
Memory Retention:	One month typical
Message Capacity:	96 different messages can be stored and displayed
Message Operating Modes:	– 25 consisting of: Automode™, Hold, Roll (6 directions), Rotate, Sparkle-On, Twinkle, Interlock, Wipe (six directions) Spray-On, Slide Across, Starburst, Switch, Flash, Snow, Scroll – Continuous message entry with automatic centering in any mode – User programmable logos and graphics – Five variable speed controls
Built-In Animations:	Cherry Bomb Exploding, Don't Drink and Drive, Fireworks, Slot Machine, No Smoking, Running Animal, Moving Auto, Welcome (in script), Thank You (in script)
Real-Time Clock:	Date and time, 12 or 24 hour format, maintains accurate time without power for up to 30 days typical

Network and Power Specifications	
Serial Computer Interface:	RS232 and RS485 (multi-drop networking for up to 255 displays) Options – Wireless Interface – Ethernet LAN interface
Power:	120 VAC ± 10% - 180 watts max for all models except 4120R, 4160R and 4200R (120 watts) (230 VAC models also available)
Power Cord Length:	10 Ft. (3m)
Keyboard:	Handheld, Eurostyle, IR remote
Agency Approvals:	– ETL/ETLc – FCC Part 15 Class A
Operating Temperature:	32° to 120°F, 0° to 50°C
Humidity Range:	0% to 95% non-condensing

General Specifications	
Case Material:	Extruded aluminum
Enclosure:	No NEMA rating (standard) – Option: Designed to NEMA 12 specifications
Mounting:	Hardware to accommodate ceiling or wall mounting
Limited Warranty:	One-year parts and labor, factory servicing

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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