

Add excitement to your communications...  
...with light, color and *movement*



The 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
- Cafeterias
- Waiting rooms
- Production areas
- Conference rooms
- Libraries

The displays can be programmed individually or collectively, using a hand-held IR keyboard or messaging software on a PC

## Features

- Character size: 2.1-4.8 inch
- Stores and displays over 80 messages
- Flexibility of 1 or 2 line messages
- Keyboard programmable from 30 ft.
- 3 Brilliant colors and 3 rainbow effects
- 5 Character fonts



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Sizes	4080C	4120C/R	4160C/R	4200C/R	4240C/R
Case Dimensions: (With power supply)	28.2"L x 5.5"D x 7.7"H (71.6 cmL x 14.0 cmD x19.6 cmH)	40.1"L x 5.5"D x 7.7"H (101.9 cmL x 14.0 cmD x19.6 cmH)	52.1"L x 5.5"D x 7.7"H (132.3 cmL x 14.0 cmD x 19.6 cmH)	64.1"L x 5.5"D x 7.7"H (162.8 cmL x 14.0 cmD x 19.6 cmH)	76.1"L x 5.5"D x 7.7"H (193.3 cmL x 14.0 cmD x 19.6 cmH)
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 cmL x 12.2 cmH)	36"L x 4.8"H (91.4 cmL x 12.2 cmH)	48"L x 4.8"H (121.9 cmL x 12.2 cmH)	60"L x 4.8"H (152.4 cmL x 12.2 cmH)	72"L x 4.8"H (182.8 L x 12.2 cmH)
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:	8	12	16	20	24
Two-Line:	13	20	26	33	40
Display Memory	28,000 characters	28,000 characters	28,000 characters	28,000 characters	28,000 characters

Pixel Size (Diameter):	0.2" (.05 cm)
Pixel (LED) Color:	4000C Series – Red, green or amber 4000R Series – Red only
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:	81 different messages can be stored and displayed
Message Presentation Modes:	<ul style="list-style-type: none"> <li>– 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</li> <li>– Continuous message entry with automatic centering in any mode</li> <li>– User programmable logos and graphics</li> <li>– Five variable speed controls</li> </ul>
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

Networking Options:	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)
Maximum Power Cord Length:	10 ft. (3 m)
Keyboard:	Handheld, Eurostyle, IR remote
Case Material:	Extruded aluminum
Limited Warranty:	One-year parts and labor, factory servicing
Agency Approvals:	120 VAC Model: Listed to ANSI/UL 1950-Second Edition (US) and CAN/CSA-22.2 No.950-M89 (Canada) 230 VAC Models: Complies with EN 60950:1992 (Europe) and AS/NZS 3260-1993 (Australia) – FCC Part 15 Class A – CE Marked
Operating Temperature: Humidity Range:	32° to 120°F, 0° to 50°C 0% to 95% non-condensing
Mounting:	Hardware to accommodate ceiling, wall, or counter mounting
Enclosure:	No NEMA rating (standard) – Option: Designed to NEMA 12 specification

