

ALPHAPremiere 9000 LED Sign Specifications

Sizes	9080C	9120C	9160C	9200C	9240C
Case Dimensions: (with power supply)	28"L x 2.2"D x 12"H (71.1 cmL x 5.5 cmD x 30.4 cmH)	40"L x 2.2"D x 12"H (101.6 cmL x 5.5 cmD x 30.4 cmH)	52"L x 2.2"D x 12"H (101.6 cmL x 5.5 cmD x 30.4 cmH)	64"L x 2.2"D x 12"H (162.5 cmL x 5.5 cmD x 30.4 cmH)	76"L x 2.2"D x 12"H (193 cmL x 5.5 cmD x 30.4 cmH)
Approximate weight:	18 lbs. (8.19 kg.)	23 lbs. (10.4 kg.)	31 lbs. (11.8 kg.)	36 lbs. (16.3 kg.)	41 lbs. (18.6 kg.)
Display dimensions:	24"L x 9.6"H (60.9 cmL x 24.4 cmH)	36"L x 9.6"H (91.4 cmL x 24.4 cmH)	48"L x 9.6"H (121.9 cmL x 24.4 cmH)	60"L x 9.6"H (152.4 cmL x 24.4 cmH)	72"L x 9.6"H (182.9 cmL x 24.4 cmH)
Display array:	80 x 32 pixels	120 x 32 pixels	160 x 32 pixels	200 x 32 pixels	240 x 32 pixels
Characters/line:					
1 line: 9.6" / 24.38 cm	9	13	17	22	26
2 line: 4.5" / 11.43 cm	9	13	17	22	26
3 line: 3" / 7.6 cm	9	13	17	22	26
4 line: 2.1" / 5.3 cm	13	20	26	33	40
5 line: 1.5" / 3.8 cm	16	24	32	40	48

Pixel Size (Diameter):	0.2" (.5 cm)
Pixel (LED) Color:	8 colors (in shades of red, green and amber)
Center-to-Center Pixel Spacing (Pitch):	0.3" (0.8 cm)
Character Set:	<ul style="list-style-type: none"> - International character set, block (sans serif), decorative (serif), upper/lower case, slim, wide, double wide, double high and shadow - Programmable character set
Message Capacity:	<ul style="list-style-type: none"> - 64K RAM standard, expandable to 512K - 81 text messages can be stored and scheduled to be displayed according to the time and date - Supports 8 color graphic files
Message Presentation Modes:	<ul style="list-style-type: none"> - 25 consisting of: Automode™, Hold, Flash, Interlock, Modes: Roll (6 directions), Rotate left, Sparkle-On, Switch, Spray-on, Slide across, Starburst, Snow, Scroll, Twinkle, Wipe (6 directions) and cycle color - Continuous message entry with automatic centering in any mode - User programmable logos and graphics - 6 speed controls - Programmable hold times up to 6 minutes
Serial Computer Interface:	<ul style="list-style-type: none"> - 1200 to 38.4 kbps - Standard: RS232 and RS485 ports - Optional: 10 Base-T Ethernet port (replaces RS232 port) <i>Note: RS232 or Ethernet port communication can be echoed on RS485 port</i>
Communication Protocol:	Alpha® Communications protocol
Speakers/Audio:	<ul style="list-style-type: none"> - Internal speakers - Serial and manual volume control - 16 different triggerable sound files with up to 32 notes in each

Battery:	Lithium battery for message and time/date retention during power outages of up to 6 months
Special Features:	<ul style="list-style-type: none"> - LED diagnostic/status indicators; RS232 transmit, RS232 receive, RS485 transmit, RS485 receive, sign status and flash programming status - External reset button accessible from end cap - DIP switch selectable serial addressing and communication options - Automatic overheating protection - Serial uploadable FLASH EPROM memory for upgrading firmware - Handheld IR available for limited diagnostics only
Power:	<ul style="list-style-type: none"> - 100-240 VAC, 50/60Hz ±10% - 360 Watts maximum for models 9080C, 9120C, and 9160C - 500 Watts maximum for models 9200C and 9240C - Different IEC power cords for specific type plugs
Case Material:	Extruded aluminum
Limited Warranty:	Two-year parts and labor, factory servicing
Agency Approvals	<p><i>North America – US Emissions:</i> FCC Part 15, Class A US Safety: ANSI/UL 1950, Third Edition Canada Emissions: Industry Canada ICES-003, Class A Canada Safety: CAN/CSA C22.2 No. 950-95, 3rd Edition Europe–Emissions: EN 55022 (CISPR 22), Class A Immunity: EN 55024 Harmonics/Flicker: IEC 61000-3-2, IEC 61000-3-3 Safety: IEC 60950: 1991 (plus amendments); EN 60950: 1992 + A1, A2, A3, A4, and A11 CE Marking on all models</p> <p><i>Australia/New Zealand – Safety: AS/NZS 3260: 1996</i></p>

External Speaker Jack:	Mini-RCA jack for powered stereo PC speaker connection
Clock/Date:	Date in multiple formats and time in 12 or 24 hour formats

Operating Temperature:	32° to 120°F, 0° to 50°C
Humidity Range:	0% to 95% non-condensing
Mounting:	Hardware to accommodate ceiling, wall, or counter mount