



## AlphaEclipse™

The new AlphaEclipse™ outdoor LED displays are an affordable state-of-the-art way to communicate promotional programs and community news to your targeted audience. Used in conjunction with our messaging software, these highly visible displays can be used in a variety of applications: schools, banks, shopping centers, churches and auto dealerships, just to name a few.

Advances in outdoor LED technology provide you with a virtually maintenance-free product. Superbrite LEDs last for over 100,000 hours of continuous operation significantly outlasting comparable incandescent displays. They also consume less than 1/40 the power of incandescent displays giving you a significant savings in electricity costs.

Advertise important messages at a moments notice. Standard computer software is included to turn your PC into a convenient programming tool. Optional wireless devices enable easy installation - no need to excavate for control wiring. In remote locations, optional telephone modems enable you to communicate with displays.



### Standard Features

- Long life LEDs rated at 100,000 hours
- Character size: 11 and 22 inch
- 24 Models available
- One year USA factory warranty
- Stores & displays over 81 messages
- Flexibility of 1 or 2 line messages
- Front serviceable
- 6 Character fonts
- Create your own graphics & logos
- Light weight, high tech, durable extruded aluminum case

# AlphaEclipse™ Specifications

	One Line - 6 Model Lengths						Two Line - 6 Model Lengths						
<b>Case Length:</b>	8'2" 2.5 m	10' 3 m	11'10" 3.6 m	13'8" 4.2 m	15'6" 4.7 m	17'4" 5.3 m	8'2" 2.5 m	10' 3 m	11'10" 3.6 m	13'8" 4.2 m	15'6" 4.7 m	17'4" 5.3 m	
<b>Characters Per Line (minimum):</b>	–One-line	10	13	16	18	21	24	6	8	9	11	13	14
	–Two-line	N/A	N/A	N/A	N/A	N/A	N/A	10	13	16	18	21	24
<b>Display Array:</b> <i>(One-line model has 8 rows of pixels)</i> <i>(Two-line model has 16 rows of pixels)</i>	64	80	96	112	128	144	64	80	96	112	128	144	
<b>Case Weight:</b>	130 lbs.	150 lbs.	180 lbs.	205 lbs.	225 lbs.	245 lbs.	170 lbs.	205 lbs.	235 lbs.	265 lbs.	300 lbs.	330 lbs.	
<b>Case Depth:</b>	6.6" (16.8 cm)						6.6" (16.8 cm)						
<b>Case Height:</b>	1'4" (43.7 cm)						2'3" (71.6 cm)						

<b>Pixel Size (4 LEDs):</b>	.75"
<b>Pixel (LED) Color:</b>	Red or amber monochrome
<b>Pixel Luminance:</b>	Each pixel is rated 2900 mcd typical
<b>Pixel Wavelength:</b>	Red = 626 nm Amber = 590 nm
<b>Angle Viewing:</b>	±15° (30° cone) to 50% of straight-on brightness optional: ±35° (70° cone) to 50% of straight-on brightness
<b>Center-to-Center Pixel Spacing (Pitch):</b>	1.37" (3.556 cm)
<b>Character Size</b> <b>(One-line format):</b> <b>(Two-line format):</b>	11" (27.94 cm) 22" (55.88 cm)
<b>Character Set:</b>	International character set, block (sans serif), decorative (serif), upper/lower case, slim, wide, double wide, programmable character sets
<b>Message Capacity:</b>	81 different messages can be stored and scheduled to be displayed according to time and date
<b>Message Presentation Modes:</b>	– 25 consisting of: Automode™, Hold, Roll (6 directions), Rotate, Sparkle-On, Twinkle, Interlock, Wipe (6 directions), Spray-On, Cycle Up, Starburst, Switch, Flash, Snow and Scroll – Continuous message entry with automatic centering in any mode – User programmable logos and graphics – Five variable speed controls – Programmable hold speeds
<b>Built-In Animations:</b> <b>(Functional on units with display array of 80 or greater)</b>	Cherry Bomb Exploding, Don't Drink and Drive, Fireworks, Slot Machine, No Smoking, Running Animal, Moving Auto, Welcome (in script), Thank You (in script), Happy Birthday, Happy Anniversary, Champagne Bottle, Balloons and Birthday Cake

<b>Clock/Date:</b>	Date in multiple formats and time in 12 or 24-hour formats
<b>Battery:</b>	–Lithium battery for message and time/date retention during power outages –9 year life
<b>Serial Communication Interface:</b>	Standard RS232 and RS485 optional: -Wireless transceiver -Modem
<b>Special Features:</b>	– Optional remote temperature sensing probe assembly – DIP switch selectable serial addressing – Internal AC power switch for servicing – Internal thermostatically controlled fans for cooling and heating – Automatic overheating protection – Serially uploadable FLASH EPROM memory for upgrading firmware – Auto dimming for nighttime and overheating
<b>Communications:</b>	Alpha® Communications Protocol
<b>Power:</b>	120 VAC ± 10% - 60 Hz (240 VAC model also available)
<b>Case Material:</b>	Extruded aluminum, aluminum sheet, stainless steel
<b>Limited Warranty:</b>	Two-year limited factory depot parts warranty
<b>Agency Approvals:</b>	FCC Part 15 ANSI/UL 1950 CAN/CSA C22.2 950 ETL and C-ETL listing marks
<b>Operating Temperature:</b>	-40° to 131°F (cold start) / -40° to 55°C
<b>Mounting:</b>	2 Rails provided
<b>Enclosure:</b>	Fully front-serviceable