

## | AlphaEclipse™ 3500 Series Outdoor LED Display |



## AlphaEclipse™ 3500 Series

AlphaEclipse™ 3500 series LED displays are an all weather, affordable, state-of-the-art way to communicate promotional programs and community news to your targeted audience. Together with our AlphaNET PC 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 networking includes an RS232/RS485 interface and optional Ethernet, wireless transceiver, telephone modem or fiber-optic connections.



### Standard Features

- Long life LEDs rated at 100,000 hours
- Flexibility of 1-4 line messages
- Front-serviceable
- Light weight, high tech, durable extruded aluminum case
- Two-year limited factory depot parts warranty
- Programmable hold times - up to 6 minutes
- Create your own graphics & logos

# AlphaEclipse™ 3500 Series Specifications

Rows	Columns	Case HxW	Char. Height Per Line	10" Char's Per line	Max Current (Amps)	Weight	Rows	Columns	Case HxW	Char. Height Per line	10" Char's Per line	*Max Current (Amps)	Weight
8	32	1'7" x 4'6"	11"/1	5/1	1.5	90lbs.	24	64	3'5" x 8'3"	33"/1 14"/2 10"/3 7"/4	10/3	6.5	440lbs.
8	64	1'7" x 8'2"		10/1	2.5	140lbs.	24	80	3'5" x 10'1"		13/3	7.6	465lbs.
8	80	1'7" x 10'		13/1	2.9	160lbs.	24	96	3'5" x 11'11"		16/3	8.7	485lbs.
8	96	1'7" x 11'10"		16/1	3.3	190lbs.	24	112	3'5" x 13'9"		18/3	10.6	515lbs.
8	112	1'7" x 13'8"		18/1	3.8	220lbs.	24	128	3'5" x 15'7"		21/3	11.8	535lbs.
8	128	1'7" x 15'6"		21/1	4.2	240lbs.	24	144	3'5" x 17'5"		24/3	13.7	575lbs.
8	144	1'7" x 17'4"		24/1	4.6	260lbs.	32	64	4'4" x 8'3"		44"/1 21"/2 14"/3 10"/4 7"/5	10/4	8.3
16	64	2'6" x 8'2"	10/2	4.3	185lbs.	32	80	4'4" x 10'1"	13/4	10.1		505lbs.	
16	80	2'6" x 10'	13/2	5.4	220lbs.	32	96	4'4" x 11'11"	16/4	11.6		535lbs.	
16	96	2'6" x 11'10"	16/2	6.2	250lbs.	32	112	4'4" x 13'9"	18/4	14.0		560lbs.	
16	112	2'6" x 13'8"	18/2	7.2	285lbs.	32	128	4'4" x 15'7"	21/4	15.6		590lbs.	
16	128	2'6" x 15'6"	21/2	8.0	320lbs.	32	144	4'4" x 17'5"	24/4	18.2		635lbs.	
16	144	2'6" x 17'4"	24/2	8.7	355lbs.								

Approximate dimensions – call distributor for architectural drawings

<b>Pixel (LED) Color:</b>	Red or amber
<b>Pixel Pitch:</b>	1.38 Inch, four LEDs
<b>Pixel Luminance:</b>	Viewable in direct sunlight
<b>Pixel Wavelength:</b>	Red–626nm Amber–592nm
<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:</b>	–25 unique presentation styles –Automatic centering in any mode –User programmable logos and graphics –Programmable hold times up to 6 minutes –Calendar scheduling
<b>Built-In Animations:</b>	Cherry bomb exploding, Don't drink and drive, Fireworks, Slot machine, No Smoking, Running animal, Moving auto, Welcome (in script) and Thank you (in script)
<b>User Animations:</b>	.BMP and .GIF file formats
<b>Temperature Accuracy:</b>	±2° F Typical (with optional temperature probe)
<b>Clock/Date:</b>	Date in multiple formats and time in 12/24-hour formats
<b>Battery:</b>	Lithium battery for message and time/date retention during power interruptions for at least 1 year

<b>Serial Communication:</b>	Standard RS232 and RS485
<b>Interface:</b>	Options: On site wireless or modem. Factory tested, configured and installed inside case
<b>RAM Capacity:</b>	1 MEG
<b>Special Features:</b>	–External temperature probe (optional) –Internal AC power switch for servicing –Internal thermostatically controlled fans for cooling –Serially uploadable FLASH EPROM memory for upgrading firmware
<b>Communications:</b>	Alpha® Communication Protocol
<b>Power:</b>	120 VAC ± 10% - 60 Hz (240 VAC model also available)
<b>Case Material:</b>	NEMA type 3R, aluminum cabinet
<b>Limited Warranty:</b>	Two-year limited factory depot parts warranty
<b>Agency Approvals:</b>	FCC Part 15, Class A ANSI/UL 60950: 3rd Edition, 2000 CAN/CSA C22.2 60950-00, 3rd Edition 2000 C-ETL-US listing mark
<b>Operating Temperature:</b>	-40° to 122°F / -40° to 50°C
<b>Mounting:</b>	Single and double pole, wall and monument
<b>Enclosure:</b>	Fully front-serviceable aluminum, 8 inches deep, steel mounting brackets
<b>Energy Efficient:</b>	Consume up to less than 1/40 the power of incandescents