AlphaEclipse™ 2500 Series

AlphaEclipse™ 2500 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

- Visibility from 7-to over 700-feet
- Over 20 standard sizes available
- Industry leader in delivery time
- Simple messaging via PC

- Thin aluminum case, only 8" deep
- Agency approval ANSI/UL, C-ETL-US
- ADA-compliant characters

- Energy efficient
- Long life LEDs: 100,000 hours
- Display up-to-the-minute specials, targeting drive-by traffic

AlphaEclipse™ 2500 Series Specifications

Rows	Columns	Case H x W	Char. Height Per Line	3" Char's Per line	Max Current (Amps)	Weight
16	96	13" x 49"	7.2"/1 3"/2 2.25"/2	16/2	2	60lbs.
16	128	13" x 64"		21/2	3	80lbs.
16	160	13" x 78"		26/2	3.5	100lbs.
16	192	13" x 92"		32/2	4	120lbs.
32	96	20" x 49"	14.4"/1 9"/1 7"/2 4.5"/3 3"/4 2.25"/5	16/4	4	90lbs.
32	128	20" x 64"		21/4	5.5	110lbs.
32	160	20" x 78"		26/4	7	130lbs.
32	192	20" x 92"		32/4	8	150lbs.
48	96	27.5" x 49"	14.4"/1 9"/2 7"/3 4.5"/4 3"/6 2.25"/8	16/6	6	105lbs.
48	128	27.5" x 64"		21/6	8	125lbs.
48	160	27.5" x 78"		26/6	10	145lbs.
48	192	27.5" x 92"		32/6	12	165lbs.

Rows	Columns	Case H x W	Char. Height Per Line	3" Char's Per line	Max Current (Amps)	Weight
64	96	34.5" x 49"	14.4"/1 9"/3 7"/4 4.5"/5 3"/8 2.25"/10	16/8	8	150lbs.
64	128	34.5" x 64"		21/8	11	170lbs.
64	160	34.5" x 78"		26/8	13.5	190lbs.
64	192	34.5" x 92"		32/8	16	210lbs.
80	96	41.5" x 49"	14.4"/2 9"/3 7"/5 4.5"/7 3"/10 2.25"/13	16/10	10	180lbs.
80	128	41.5" x 64"		21/10	13.5	200lbs.
80	160	41.5" x 78"		26/10	17	220lbs.
80	192	41.5" x 92"		32/10	20	240lbs.

Approximate weight & dimensions – call distributor for architectural drawings

Pixel (LED) Color:	Red or amber
Pixel Pitch:	.45 Inch, single LED
Pixel Luminance:	Viewable in direct sunlight
Pixel Wavelength:	Red—626nm Amber—592nm
Character Set:	International character set, block (sans serif), decorative (serif), upper/lower case, slim, wide, double wide, programmable character sets
Message Capacity:	81 different messages can be stored and scheduled to be displayed according to time and date
Message Presentation:	—25 unique presentation styles —Automatic centering in any mode —User programmable logos and graphics —Programmable hold times up to 6 minutes —Calendar scheduling
Built-In Animations:	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)
User Animations:	.BMP and .GIF file formats
Temperature Accuracy:	±2° F Typical (with optional temperature probe)
Clock/Date:	Date in multiple formats and time in 12/24-hour formats
Battery:	Lithium battery for message and time/date retention during power interruptions for at least 1 year

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