

| AlphaEclipse™ 2500 Series Outdoor LED Display |



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 | 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. | 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. |
| 16 | 128 | 13" x 64" | | 21/2 | 3 | 80lbs. | 64 | 128 | 34.5" x 64" | | 21/8 | 11 | 170lbs. |
| 16 | 160 | 13" x 78" | | 26/2 | 3.5 | 100lbs. | 64 | 160 | 34.5" x 78" | | 26/8 | 13.5 | 190lbs. |
| 16 | 192 | 13" x 92" | | 32/2 | 4 | 120lbs. | 64 | 192 | 34.5" x 92" | | 32/8 | 16 | 210lbs. |
| 32 | 96 | 20" x 49" | 14.4"/1 9"/1 7"/2 4.5"/3 3"/4 2.25"/5 | 16/4 | 4 | 90lbs. | 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. |
| 32 | 128 | 20" x 64" | | 21/4 | 5.5 | 110lbs. | 80 | 128 | 41.5" x 64" | | 21/10 | 13.5 | 200lbs. |
| 32 | 160 | 20" x 78" | | 26/4 | 7 | 130lbs. | 80 | 160 | 41.5" x 78" | | 26/10 | 17 | 220lbs. |
| 32 | 192 | 20" x 92" | | 32/4 | 8 | 150lbs. | 80 | 192 | 41.5" x 92" | | 32/10 | 20 | 240lbs. |
| 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. | | | | | | | |

Approximate weight & dimensions - call distributor for architectural drawings.
Due to continuing product innovations, all specifications are subject to change without notice.

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| Pixel (LED) Color: | Red or amber |
| Pixel Pitch: | .45 Inch, single LED |
| Pixel Luminance: | Viewable in direct sunlight |
| Viewability: | 90° |
| 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 |

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| 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: | Five-year limited factory depot parts warranty |
| Agency Approvals: | FCC Part 15, Class A ANSI/UL 60950-1 CAN/CSA C22.2 60950-1-03 C-ETL-US listing mark and CE Marking |
| Operating Temperature: | -40° to 122°F / -40° to 50°C |
| Mounting: | Steel mounting angle Design facilitates welding, bolting, or riveting techniques |
| Enclosure: | Fully front-serviceable aluminum, 8 inches deep, steel mounting brackets |
| Energy Efficient: | Consume up to less than 1/40 the power of incandescents |