



# ALPHA® 7000 SERIES

## Focus on the process

Whether your business is call centers or manufacturing, when you focus on the process, you're focused on productivity & prevention. To ensure continued productivity & preventive safety, to relay real-time communication, manage quality control or boost employee morale - count on the ALPHA® 7000 Series.

For maximum visual impact and flexibility, the multi-line 7000 series, comes in a variety of lengths (from 28"– 65"), offers character heights up to 7.2" and can be programmed to display your choice of font, color, and presentation style.

ALPHA® displays can be addressed individually or collectively and offer a variety of flexible connectivity options:

**STANDARD:** *Simple point to point RS232 communications*  
*Multi-drop RS485 connections*

**OPTIONAL:** *Communications via standard on-site paging systems*  
*RF Modem solutions*  
*Ethernet LAN connections*



## Standard Features

- Easy networking
- Character size: 1.5" – 7.2"
- Length options available
- One year USA Factory Warranty
- Stores & displays over 80 messages
- Flexibility of 1-4 line message
- 15 stimulating presentation styles
- Keyboard programmable from 30 ft.
- 3 Brilliant colors & 3 rainbow effects
- 6 Character fonts
- Create your own graphics & logos

# ALPHA® 7000 Specifications

Sizes	7080	7120	7160	7200
<b>Case Dimensions:</b> (With power supply)	28.3"L x 5.6"D x 10"H (71.9 cmL x 14.2 cmD x 25.4 cmH)	40.3"L x 5.6"D x 10"H (102.4 cmL x 14.2 cmD x 25.4 cmH)	52.3"L x 5.6"D x 10"H (132.9 cmL x 14.2 cmD x 25.4 cmH)	64.3"L x 5.6"D x 10"H (163.3 cmL x 14.2 cmD x 25.4 cmH)
<b>Approximate Weight:</b>	15 lbs. (6.82 kg.)	20 lbs. (9.09 kg.)	26 lbs. (11.8 kg.)	32 lbs. (14.5 kg.)
<b>Display Dimensions:</b>	24"L x 7.2"H (60.9 cmL x 18.3 cmH)	36"L x 7.2"H (91.4 cmL x 18.3 cmH)	48"L x 7.2"H (121.9 cmL x 18.3 cmH)	60"L x 7.2"H (152.4 cmL x 18.3 cmH)
<b>Display Array</b>	80 x 24 pixels	120 x 24 pixels	160 x 24 pixels	200 x 24 pixels
<b>Characters Displayed in:</b>	minimum/typical/maximum	minimum/typical/maximum	minimum/typical/maximum	minimum/typical/maximum
<b>One-Line:</b>	6/8/10	10/12/15	14/16/20	18/20/25
<b>Two-Line:</b>	26/26/40	40/40/60	52/52/80	66/66/100
<b>Three-Line:</b>	39/39/60	60/60/90	78/78/120	99/99/150
<b>Four-Line:</b>	64/64/80	96/96/120	128/128/160	160/160/200
<b>Text Memory</b>	50,000 Characters typical	50,000 Characters typical	50,000 Characters typical	50,000 Characters typical
<b>Graphic Memory:</b>	40,000 = 80 Full screen graphics	40,000 = 50 Full screen graphics	40,000 = 40 Full screen graphics	40,000 = 30 Full screen graphics

<b>Pixel Size (Diameter):</b>	0.2" (.5 cm)
<b>Pixel (LED) Color:</b>	Each dot can be red, green, or amber;
<b>Center-to-Center Pixel Spacing (Pitch):</b>	0.3" (0.8 cm)
<b>Character Size</b> (One-line format): (Two-line format): (Three-line format): (Four-line format):	7.2" (18.3 cm) 3.0" (7.6 cm) 2.1" (5.3 cm) 1.5" (3.9 cm)
<b>Character Set:</b>	International Character Set, Block (sans serif), decorative (serif), upper/lower case, slim, wide, double wide
<b>Memory Retention:</b>	26 days typical
<b>Message Capacity:</b>	81 different messages can be stored and displayed
<b>Message Operating Modes:</b>	<ul style="list-style-type: none"> <li>– 19 consisting of: Automode™, Hold, Roll (6 directions), Rotate, Sparkle-On, Twinkle, Interlock, Wipe (six directions) Flash and Scroll</li> <li>– Continuous message entry with automatic centering in any mode</li> <li>– User programmable logos and graphics</li> <li>– Five variable speed controls</li> </ul>
<b>Real-Time Clock:</b>	Date and time, 12 or 24 hour format, maintains accurate time without power for up to 30 days typical

<b>Serial Computer Interface:</b>	RS232 and RS485 (multi-drop networking for up to 255 displays) <i>Options</i> –Wireless Interface –Ethernet LAN interface
<b>Power:</b>	120 VAC ± 10% - 180 watts max for all models. (an optional 230 VAC model also available)
<b>Maximum Power Cord Length:</b>	10 ft. (3m)
<b>Keyboard:</b>	Handheld, Eurostyle, IR remote
<b>Case Material:</b>	Extruded aluminum
<b>Limited Warranty:</b>	One-year parts and labor, factory servicing
<b>Agency Approvals:</b>	120 VAC Model: Listed to ANSI/UL 1950-Second Edition (US) and CAN/CSA-22.2 No.950-M89 (Canada) 230 VAC Models: Complies with EN 60950:1992 (Europe) and AS/NZS 3260-1993 (Australia) – FCC Part 15 Class A – CE Marked
<b>Operating Temperature:</b>	32° to 120°F, 0° to 49°C
<b>Humidity Range:</b>	0% to 95% non-condensing
<b>Mounting:</b>	Hardware to accommodate ceiling, wall, or counter mounting
<b>Enclosure</b>	No Nema rating (standard) –Option: Designed to NEMA 2 specifications