

**ALPHA™**  
**PERSONAL PRIORITY DISPLAY**  
**SPECIFICATIONS**

<b>Case Dimensions:</b>	13.7"L x 1.84"D x 3.5"H (34.8 cmL x 4.7 cmD x 8.9 cmH)	<b>Special Features:</b>	Front access buttons for manually setting: – Time and date – Display on/off – Serial (networking) address – Clearing memory
<b>Display Weight:</b>	21 oz. (0.6 kg.)		
<b>AC Adaptor Weight:</b>	19 oz. (0.54 kg.)		
<b>Display Dimensions:</b>	12"L x 1.7"H (30.5 cmL x 4.3 cmH)	<b>Optional Features:</b>	– 32K memory upgrade – Real time clock upgrade (maintains accurate time without power for 10 days typical) (32K and real time clock upgrades are special order and require longer lead time) – Handheld, IR remote keyboard can be ordered for manual programming
<b>Characters Displayed:</b>	Minimum of 40 standard width (2 lines of 20)		
<b>Display Memory:</b>	6,000 characters typical		
<b>Pixels per Line:</b>	120 x 7		
<b>Number of Display Lines:</b>	2		
<b>Pixel Size (Diameter):</b>	0.07" (1.78 mm)		
<b>Pixel (LED) Color:</b>	Red or green versions available	<b>Communications:</b>	ALPHA Communications Protocol compatibility
<b>Typical Forward Pixel Luminance:</b>	Each pixel is rated at 1 mcd typical	<b>Power:</b>	120 VAC ± 10% - 60 Hz (230 VAC ± 10% - 50 Hz version also available)
<b>Peak Wavelength:</b>	Red = 630 nm Green = 565 nm	<b>Power Cord Length:</b>	10 ft. (3m)
<b>Angle Viewing:</b>	±25° (50° cone) to 50% of straight-on brightness	<b>Power Consumption:</b>	35 W
<b>Center-to-Center Pixel Spacing (Pitch):</b>	0.1" (0.25 cm)	<b>Case Material:</b>	ABS
<b>Character Size:</b>	0.7" (1.78 cm)	<b>Lens Material:</b>	Acrylic
<b>Character Fonts:</b>	Serif - upper/lower case, std./double wide Sans Serif - upper/lower case, std./double wide Small Sans Serif - std./double wide	<b>Limited Warranty:</b>	One-year parts and labor, factory servicing
<b>Operating Temperature:</b>	0°C to 50°C, 32° F to 120°F	<b>Agency Approvals:</b>	Safety: • EN60950 • 120V power supply is UL listed/CSA certified • 230V power supply is VDE/TUV certified and carries the CE mark.
<b>Memory Retention:</b>	10 days typical		EMI: • FCC Class B (120V) • EN55022B, EN50082-1 (230V)
<b>Message Capacity:</b>	81 different messages can be stored and displayed		Marks: • CE
<b>Message Operating Modes:</b>	– 25 consisting of: Automode, hold, inter-lock, roll (6 directions), rotate, sparkle-on, twinkle, spray-on, slide across, switch, wipe (6 directions), starburst, flash, snow, scroll – Continuous message entry with automatic centering in any mode – User programmable logos and graphics – Five variable speed controls	<b>Standard Product Packaging Includes:</b>	– ALPHA Personal Priority Display – AC Adaptor – Mounting brackets – User manual
<b>Time of Day Clock:</b>	Day and time, 12 or 24 hour format		
<b>Serial Computer Interface:</b>	RS232 (TTL) and RS485 (multi-drop networking for up to 255 displays; 32 displays without repeater)		

Specifications subject to change without notice.