ALPHA™ 4000 Specifications

Sizes	4080C	4120C/R	4160C/R	4200C/R	4240C/R
Case Dimensions Power supply 5.5"D	28.2" L x 7.7" H	40.1" L x 7.7" H	52.1" L x 7.7" H	64.1" L x 7.7"H	76.1" L x 7.7" H
Weight	13 lbs. (5.8 kg.)	18.5 lbs. (8.4 kg.)	24.5 lbs. (11.2 kg.)	31 lbs. (14.1.8 kg.)	37.5 lbs. (17 kg.)
Display Dimensions	24" L x 4.8" H 60.9cm x 12.2cm	36" L x 4.8" H 91.4cm x 12.2cm	48" L x 4.8" H 121.9cm x 12.2cm	60" L x 4.8" H 152.4cm x 12.2cm	72"L x 4.8" H 182.8cm x 12.2cm
Display Array	80 x 16 pixels	120 x 16 pixels	160 x 16 pixels	200 x 16 pixels	240 x 16 pixels
Character Display **1 line of 4.8"** **2 lines of 2.1"**	Min / Typical / Max 6 8 10 26 26 40	Min / Typical / Max 10 12 15 40 40 60	Min / Typical / Max 14 16 20 52 52 80	Min / Typical / Max 18 20 25 66 66 100	Min / Typical / Max 20 24 30 80 80 120
Display Memory	28,000 characters	28,000 characters	28,000 characters	28,000 characters	28,000 characters

Pixel Size (Diameter):	.02" (0.5 cm)	**Serial Computer Interface:**	RS232 and RS485 (multi-drop networking for up to 255 displays *Options* - Ethernet LAN interface - Communications Protocol
Pixel (LED) Color:	Each dot can be red, green or amber and three rainbow effects (4120R, 4160R 4200R are red only)	**Keyboard:**	Handheld, IR remote operated.
Center-to-Center Pixel Spacing (Pitch):	.3" (0.8 cm)	**Software Packages:**	AlphaNET *plus* Windows™
Character Size (One-line) (Two-line)	4.8" (12.2 cm) 2.1" (4.3 cm)	**Power Cord Length:**	10' (3 m)
Character Set:	International Character Set, Block (sans serif), decorative (serif), upper/lower case, slim, wide,	**Power:**	120VAC +/- 10% - 180 watts max for all models except 4120R, 4160R and 4200R (120 watts) Optional 230VAC
Memory Retention:	One month typical	**Case Material:**	Extruded aluminum
Message Capacity:	81 different messages can be stored and displayed	**Limited Warranty:**	One-year parts and labor, USA factory servicing
Message Operating Modes:	-25 consisting of: Automode, Hold, Roll (6 directions), Rotate, Sparkle-on, Twinkle, Interlock, Spray-On, Switch, Wipe (6 directions), Starburst, Flash, Snow, Scroll, Condensed Rotate -Continuous message entry with automatic centering in any mode -User programmable logos and graphics -Five hold speeds	**Agency Approvals:**	120 VAC Model: Listed to ANSI/UL 1950-2nd Edition (US) and CAN/CSA 22.2 No. 950-M89 (Canada) 230 VAC Model: Complies with EN 60950: 1992 (Europe) and AS/NZS 3260-1993 (Australia/New Zealand)
Built-in Animations:	Cherry Bomb Exploding, Don't Drink and Drive, Fireworks, Slot Machine, No Smoking, Running Animal, Moving Auto, Welcome (script) and Thank You (script)	**Operating Temperature:** **Humidity Range:**	32F° to 120F° ; 0° C- 49° C 0% to 95% non-condensing
Real-Time Clock:	Day and time, 12 or 24 hour format, maintains accurate time without power for up to 30 days typical	**Mounting:**	Hardware to accommodate ceiling, wall or counter mounting

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