



AlphaPremiere™ 4000

In today's world, quick and effective communication is essential. To achieve this, you need the right display using the right technology. Adaptive's network ready LED message displays have revolutionized the way companies communicate with their customers and employees.

Ideal for applications such as:

- Call centers
- Industry
- Cinema
- Public services
- Transportation

The AlphaPremiere 4000 Series features everything you want in a display:

- Extra flat case
- Optional built-in Ethernet interface
- Standard RS232 and RS485 interface
- Audible notification of messages updates
- Flexibility in screen layouts



Standard Features

- 50 to 120mm character size (2.1" to 4.8")
- Optional built-in Ethernet networking interface
- Fast data updates, Baud rates up to 38.4 Kbauds
- 8 colors (shades of red, green and amber)
- Built in speakers with volume control
- External speaker jack
- 100,000 hour LED rating
- Calendar time/date message scheduling
- Two year parts and labor warranty, factory servicing

AlphaPremiere™ 4000 Specifications

Sizes	4080	4120	4160	4200	4240
Case dimensions LxHxD: (with power supply*)	711 x 203 x 127 mm (28" x 8" x 5")	1016 x 203 x 127 mm (40" x 8" x 5")	1321 x 203 x 127 mm (52" x 8" x 5")	1626 x 203 x 127 mm (64" x 8" x 5")	1930 x 203 x 127 mm (76" x 8" x 5")
Approximate weight:	5.9 kg.	8.6 kg.	11.3 kg.	14.1 kg.	16.8 kg.
Display dimensions:	610 mm x 120 mm (24" x 4.8")	910 mm x 120 mm (36" x 4.8")	1220 mm x 120 mm (48" x 4.8")	1520 mm x 120 mm (60" x 4.8")	1830 mm x 120 mm (72" x 4.8")
Display array:	80 x 16 pixels	120 x 16 pixels	160 x 16 pixels	200 x 16 pixels	240 x 16 pixels
Characters/line (min.):					
1 line	8	12	16	22	26
2 lines	13	20	26	33	40

* Case depth without power supply: 70mm

Pixel Diameter:	5 mm (0.2")
Colors:	8 (in shades of red, green and amber)
Pitch (Center-to-Center Pixel Spacing) :	7.62 mm (0.3")
Character Set:	International Character set, Block (Sans Serif), decorative (Serif), upper/lower case, slim, wide
Message Capacity:	64Ko RAM standard, expandable to 512Ko. 81 messages can be stored and scheduled to be displayed according to the time and date
Message Presentation Modes:	25 consisting of: Automode™, Hold, Flach, Interlock Roll (6 directions, Rotate left, Sparkle-On, Swith, Spray-on, Slide across, Starbust, Snow, Scroll, Twinkle, Wipe (6 directions) and cycle color Continuous message entry with automatic centering in any mode 6 speed controls
Serial Computer Interface:	Standard RS232/RS485 ports (1.2 to 38.4 Kbauds) Optional 10baseT Ethernet port (replaces RS232 port) Note : RS232 or Ethernet port communication can be echoed on RS485 port
Power:	100-240 VAC, 50/60Hz ±10% 200 Watts max. for models 4120C and 4160C 360 Watts max. for models 4200C and 4240C Different IEC power cords for specific type plugs
Communication Protocol:	Alpha® communications protocol
Speakers/audio:	Internal speakers Serial and manual volume control 16 different triggerable sound files with up to 32 notes in each

External Speaker Jack:	Mini-RCA jack for powered stereo PC speaker connection
Clock/Date:	Date in multiple formats and time in 12 or 24 hour format
Battery:	Lithium battery for message and time/date retention during power outages of up to 6 months
Special Features:	Led diagnostic/status indicators; RS232 transmit/receive, RS485 transmit/receive, sign status and flash programming status External reset button accessible from end cap DIP switch selectable serial addressing and communication options Automatic overheating protection Serial uploadable FLASH EPROM memory for upgrading firmware Handheld IR available for limited diagnostics only
Case Material:	Extruded aluminium
Agency Approvals:	North America: US Emissions: FCC Part 15 Class A US Safety: ANSI/UL 1950, Third Edition Canada Emissions: Industry Canada ICES-003, Class A Canada Safety: CAN/CSA-C22.2 No. 950-95, 3rd Edition CE Europe: Emissions: EN 55022 (CISPR 22), Class A Immunity: EN55024 Harmonics/Flicker: IEC61000-3-2, IEC61000-3-3 Sécurité: IEC 60950 : 1991 (plus amendments) EN60950 : 1992 + A1, A2, A3, A4 et A11 Australia/New Zealand: Sécurité AS/NZS 3260: 1996
Operating Temperature:	0° to 50°C (32° to 120°F)
Humidity Range:	0% - 95% non-condensing
Mounting:	Hardware to accomodate ceiling, wall, or counter mount

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