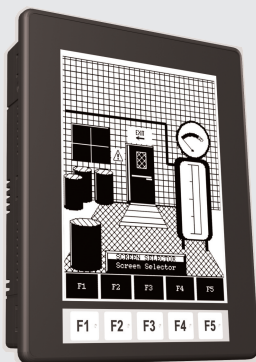


Quick Start Guide

C-more 6" Micro-Graphic Panels, Accessories & Replacement Parts



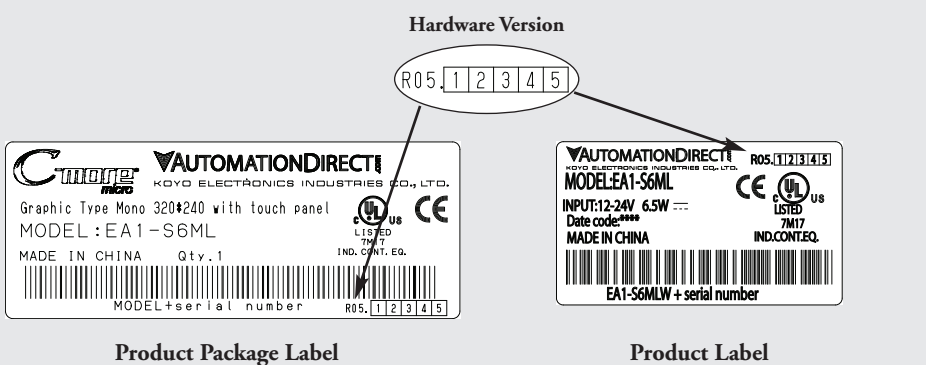
EA1-S6ML
shown in Landscape (Horizontal) mode



EA1-S6MLW
shown in Portrait (Vertical) mode

***NOTE: C-more Micro-Graphic panels with the letter "W" in the part number designate units with 5 selectable background colors of White, Pink1, Pink2, Pink3 and Red. Part numbers without the letter "W" are provided with 5 selectable background colors of Green, Red, Amber, Yellow and Lime.**

***NOTE: Software and Firmware Version 2.0 or later is required with models EA1-S6ML and EA1-S6MLW. Available for free download at www.automationdirect.com.**



***NOTE: C-more 6" Micro-Graphic panels with hardware version R05 and higher must use firmware version 3.20 or higher**

General Description

The **C-more 6"** Micro-Graphic panel has a 5.7-inch STN LCD monochrome 320 x 240 dot display. Model EA1-S6ML has five selectable LED-driven backlight colors including Green, Red, Amber, Yellow and Lime. Model EA1-S6MLW has five selectable LED-driven backlight colors including White, Pink1, Pink2, Pink3 and Red. Both models feature five user-defined function keys, each key with a user-defined red LED indicator. The panels can display up to 40 lines by 80 characters of static text and up to 40 lines by 40 characters of dynamic text with embedded variables and phrases mixed with graphics at landscape orientation. Portrait orientation can display 60 characters and 53 lines of static text and 40 lines by 40 characters of dynamic text. Each model is rated UL for use on a flat surface of Type 1, 4X enclosure (indoor use only). The **C-more 6"** Micro-Graphic panels are powered from a 12-24 VDC power supply or can operate in low-power mode when powered from the serial communications port of select AutomationDirect PLCs.

Other features include:

- 1792 KB memory
- Built in RJ12 serial communications port (RS-232)
- Built in 15-pin serial communications port (RS-232/422/485)
- Adjustable contrast
- 2 optional keypad bezels, 20-button landscape and 21-button portrait mount
- Optional replaceable clear screen overlay
- Built in Alarm Control setup that activates beep, backlight flash, customized alarm banner, and red LED blinking
- Up to 999 screens, limited only by memory usage
- 0 to 50 °C (32 to 122 °F) operating temperature range
- UL, cUL & CE agency approvals (see below for details)
- 2-year warranty from date of purchase

Programming Software & Programming Cable (sold separately)

Programming Software



EA-MG-PGMSW

***NOTE: Free download of the C-more Micro-Graphic programming software at the [AutomationDirect](http://AutomationDirect.com) web site.**

USB to RS232 Programming Cable Assembly



EA-MG-PGM-CBL

Agency Approvals

UL/CUL/CSA/CE Certification Numbers				
Name	UL/CUL	UL508	CSA	CE
C-more Micro-Graphic Panels & Accessories	E157382	E157382	234884	EN61131-2
				ISO-9000
				Yes



Safety Information



WARNING: To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.

If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call us at 1-800-633-0405 or 770-844-4200.

This publication is based on information available at the time it was printed. At AutomationDirect.com we constantly strive to improve our products and services, so we reserve the right to make changes to the products and/or publications at any time without notice and without obligation. This publication may also discuss features that may not be available in certain revisions of the product.

Before you begin...

Minimum items required to create a working system:

- **C-more 6"** Micro-Graphic panel
- **C-more** Micro-Graphic Programming Software EA-MG-PGMSW (Downloadable version available from the [AutomationDirect](http://AutomationDirect.com) web site at no charge.)
- **C-more** Micro-Graphic USB to RS232 Programming Cable Assembly EA-MG-PGM-CBL, used to connect between a PC and the Micro-Graphic panel's built-in serial port. The panel will operate in Low-Power mode when powered by the PC and the screen brightness is diminished.
- Power source – An external 12-24 VDC power source is required for normal High-Power operation. Recommended power supplies are AutomationDirect part numbers PSC-24-015 or PSC-24-030.
- Personal computer – to run the **C-more** Micro-Graphic programming software
- Communications Cable (serial) – to connect the **C-more** Micro-Graphic panel to your controller

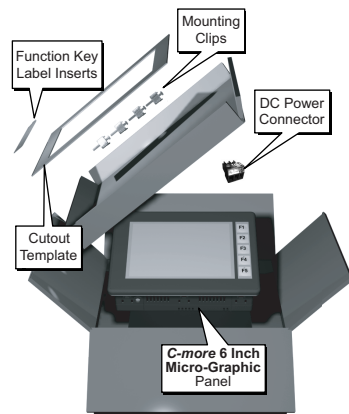
1 Unpack and Inspect

- Unpack the **C-more** Micro-Graphic panel from its shipping carton. Included in the carton are the following:

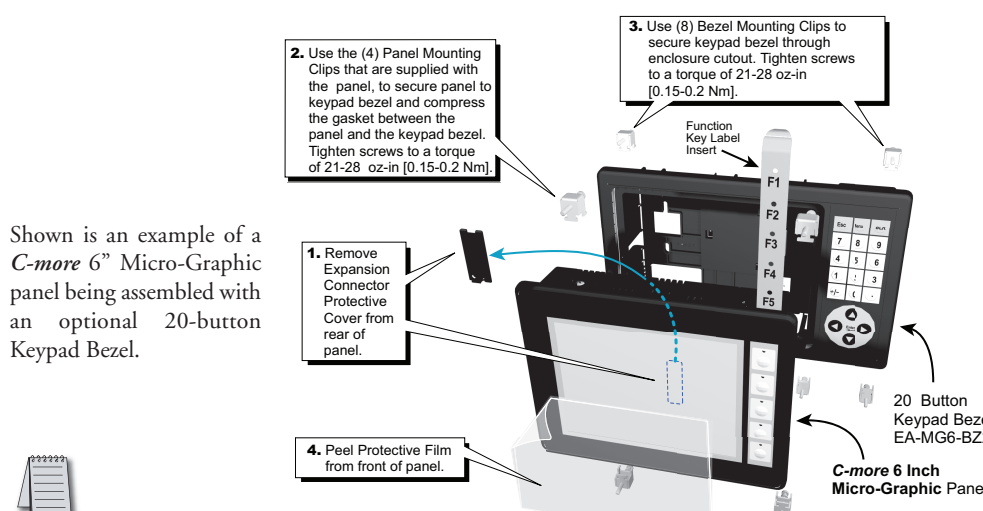
- **C-more 6"** Micro-Graphic panel
- cutout template
- mounting clips
- gasket
- function key label inserts
- Quick Start Guide
- DC Power Connector

- Unpack any accessories that have been ordered, such as: Keypad Bezel, DC Power Supply, programming cable, communications cable, etc.

- Inspect all equipment for completeness. If anything is missing or damaged, immediately call the [AutomationDirect](http://AutomationDirect.com) returns department @ 1-800-633-0405.



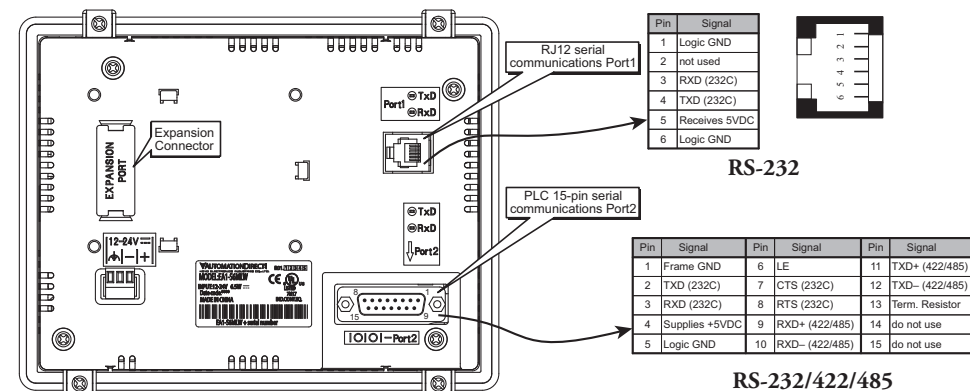
2 Install Optional Hardware Accessories (sold separately)



***NOTE: Mounting clips for the panel or keypad bezel are included with each product**

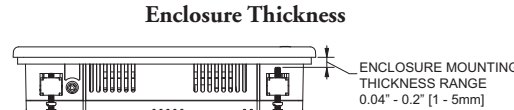
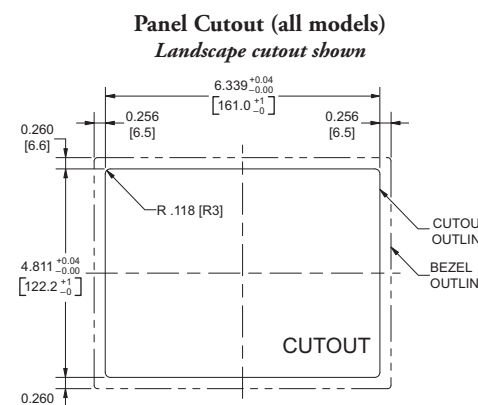
3 Become Familiar with Available Communication Ports

The **C-more 6"** Micro-Graphic panels include a built-in RJ12 serial communications port (RS-232) used to communicate with a PC during project development and later as a PLC communications interface. There is also a second 15-pin RS-232/RS-422/RS-485 port for communications to a PLC.



Install C-more 6" Micro-Graphic Panel

The **C-more 6"** Micro-Graphic panel can be mounted through a cutout in an enclosure by using the template provided with the panel, or using the dimensions shown. The optional keypad bezels also include templates. The enclosure mounting thickness range for the panels and the keypad bezels is 0.04"-0.2" [1-5 mm]. Mounting screw torque is 21-28 oz-in [0.15-0.2 Nm].



5 Install the Software and Develop a Project

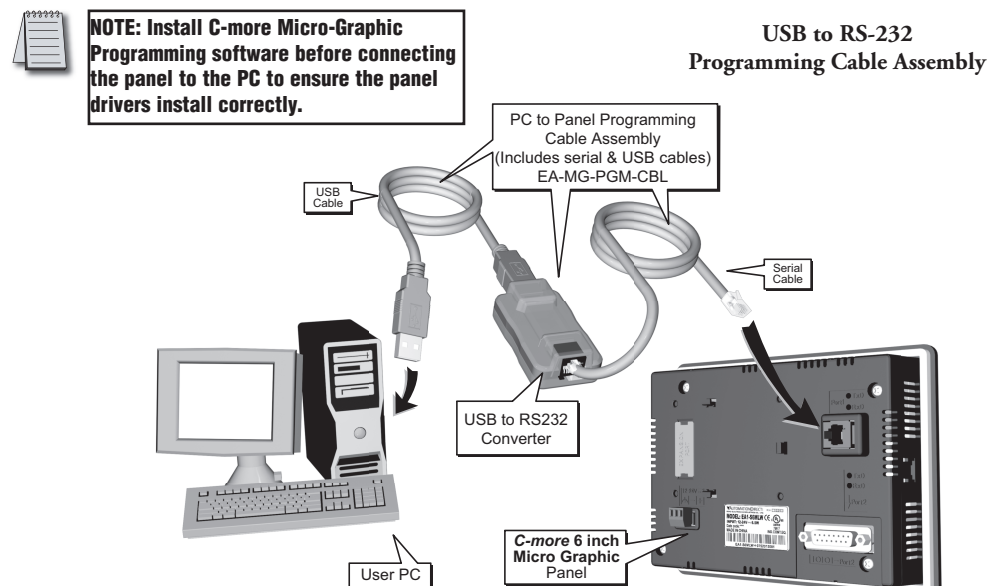
***NOTE: Software and Firmware Version 2.0 or later is required with models EA1-S6ML and EA1-S6MLW. Available for free download at www.automationdirect.com.**

Following are the minimum system requirements for running **C-more** Micro-Graphic Programming Software, EA-MG-PGMSW, on a PC:

- Operating System - Windows® XP Home / Professional Edition Service Pack 2, Windows® 2000 with Service Pack 4, Windows® Vista (32 or 64 bit), Windows® 7 (32 or 64 bit) or Windows 8 (32 or 64 bit)
- Keyboard and Mouse or compatible pointing device
- Super VGA color video adapter and monitor with at least 800 x 600 pixels resolution (1024 x 768 pixels recommended) 64K color minimum
- 150 MB free hard-disk space
- CD-ROM or DVD drive for installing software from the CD, or internet access to download free programming software
- USB port to use with an EA-MG-PGM-CBL, USB to RS232 Programming Cable Assembly for project transfer from the programming software to the panel

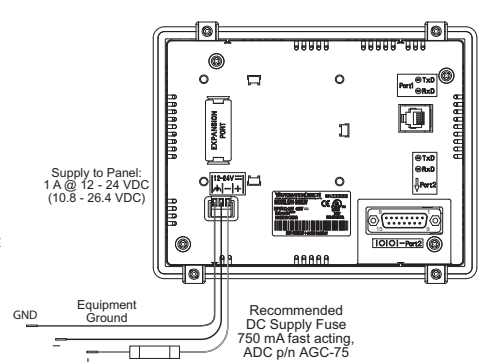
6 Connect C-more Micro-Graphic Panel to Computer

Use an EA-MG-PGM-CBL, USB to RS-232 Programming Cable Assembly, from a USB port type A on the project development PC, through the supplied converter, to the RJ12 RS-232 programming/PLC serial communications port on the **C-more** Micro-Graphic panel as shown below.



7 Provide Power to the C-more 6" Micro-Graphic Panel

- 1) The panel should be powered by a 1 Amp @ 12-24 VDC class 2 power source in normal operation.
- 2) The **C-more 6"** Micro-Graphic panel is powered during programming from the PC through the USB to RS-232 Programming Cable Assembly, EA-MG-PGM-CBL. When powered from the PC, the panel will operate in Low-Power mode.
- 3) Optionally, the **C-more 6"** Micro-Graphic panel can be powered in Low-Power mode from most AutomationDirect PLC's RJ12 serial communications port by using a DV-1000CBL communications cable, or a DV-1000CBL DSub/RJ12 Adapter connected to an AutomationDirect PLC's 15-pin HD communications port (DL06, D2-250-1 & D2-260) PLCs. See Chapter 6: PLC Communications in the Hardware User Manual (EA6-USER-M) for additional details.



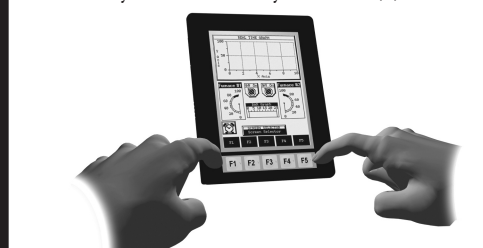
Required Wire Specification	
Supported temperature	Over 60 °C
Wire Material	Copper
Wire Size	16 - 22 AWG

***NOTE: When the panel is powered through Port1 from a connected PLC or PC, the screen brightness is diminished because the panel is running in Low-Power Mode. For full brightness, connect an external 12-24 VDC power source to the panel's power connection. Low-Power Mode should be used during initial programming only. Connect an external 12-24 VDC power source when the panel is installed in its application.**

***NOTE: Recommended DC power supply to power the C-more Micro-Graphic Panel, [AutomationDirect](http://AutomationDirect.com) Part No. PSC-24-015 or PSC-24-030.**

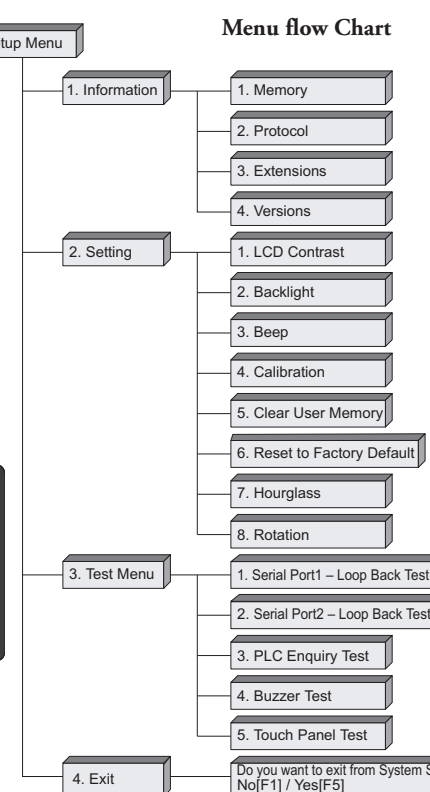
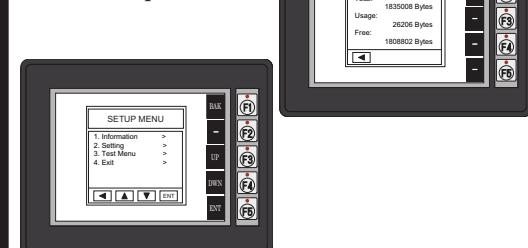
8 Accessing the C-more Micro-Graphic Panel Setup Screens

To access the Setup Menu of the panel's setup screens, press the the BAK [F1] and ENT [F5] function keys simultaneously for three (3) seconds.



From the Setup Menu, information about the panel can be obtained, settings can be adjusted, and panel functions can be tested.

Examples



9 Choose C-more 6" Micro-Graphic Panel to PLC Protocols & Cables

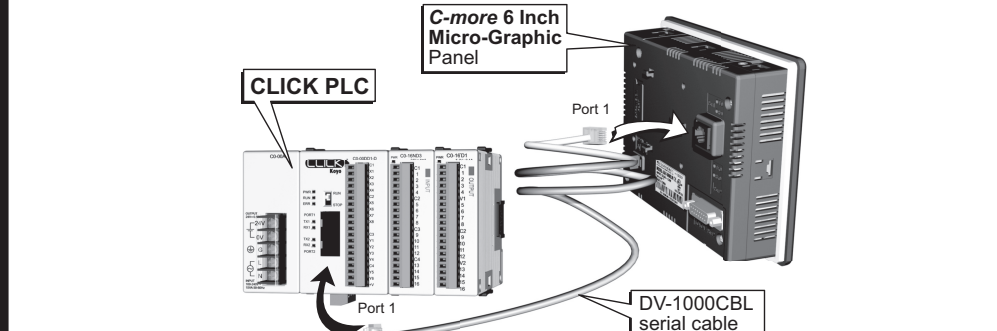
PLC Drivers	
Serial - port1 or port2	Serial - port2 only
AutomationDirect Productivity3000	Allen-Bradley DF1 Full Duplex
AutomationDirect CLICK	Allen-Bradley DF1 Half Duplex
AutomationDirect Do-more	Allen-Bradley PLC5 DF1
AutomationDirect K-sequence	Allen-Bradley DH485
AutomationDirect DirectNET	GE SNXP (9030, 9070, Micro 90, VersaMax Micro)
AutomationDirect SIO	Mitsubishi FX
AutomationDirect GS Drives	Mitsubishi Q and QnA
AutomationDirect Modbus	Omron Host Link (C200 Adapter, C500)
Modicon Modbus RTU	Omron FINS Serial (CJ1, CS1)
Entivity Modbus RTU	Siemens PPI (S7-200 CPU)
	AutomationDirect SOLO temperature Controller
	AutomationDirect GS Drivers

Cable Description	Cable Part No.	Cable Description	Cable Part No.
Cables used with serial Port1		Cables used with serial Port2	
AutomationDirect Productivity Series, Do-more, CLICK, Direct LOGIC PLC RJ-12 port, DL06, DL106, DL206, D3-350, D4-450 & H2-WinPLC (RS-232C)	DV-1000CBL	AutomationDirect Productivity Series Do-more, CLICK, Direct LOGIC PLC RJ-12 port, DL06, DL106, DL206, D3-350, D4-450 & H2-WinPLC (RS-232C)	EA-2CBL
Note: The PLC can provide 5 VDC through this cable. No external 12-24 VDC source is required, however, screen brightness is diminished and the alarm beep will not function.		Direct LOGIC (VGA Style) 15-pin port, DL06, D2-250 (250-1), D2-260 (RS-232C)	EA-2CBL-1
Direct LOGIC DL405 PLC 15-pin D-sub port, DL405 (RS-232C)	D4-1000CBL	Direct LOGIC PLC RJ-11 port, D3-340 (RS-232C)	EA-3CBL
Direct LOGIC (VGA Style) 15-pin port, DL06, D2-250 (250-1), D2-260 (RS-232C)	FA-15HD	Direct LOGIC DL406 PLC 15-pin D-sub port, DL406 (RS-232C)	EA-4CBL-1
Use with DV-1000CBL cable.		Direct LOGIC PLD 25-pin D-sub port, DL406, D3-350, DL305 DCU and all DCM's (RS-232C)	EA-4CBL-2
Direct LOGIC PLC 15-pin D-sub port, DL405 (RS-232C)	FA-CABKIT	Allen-Bradley MicroLogix 1000, 1100, 1200 & 1500 (RS-232C)	EA-MLOGIX-CBL
Direct LOGIC PLC RJ-11 port, D3-340 (RS-232C)	OP-3CBL-1	Allen-Bradley SLC 5-03/04/05, ControlLogix, CompactLogix, FlexLogix DF1 port (RS-232C)	EA-SLC-232-CBL
		Allen-Bradley PLC-5 DF1 port (RS-232C)	EA-PLC5-232-CBL
		Allen-Bradley MicroLogix, SLC 5-01/02/03, DH485 port (RS-232C)	EA-DH485-CBL
		GE 9030, 9070, Micro 90, VersaMax Micro (Port2) 15-pin D-sub port (RS-422A)	EA-90-30-CBL
		MITSUBISHI FX Series 25-pin port (RS-422A)	EA-MITSU-CBL
		MITSUBISHI FX Series 8-pin mini-DIN (RS-422A)	EA-MITSU-CBL-1
		OMRON Host Link (C200 Adapter, C500) (RS-232C)	EA-OMRON-CBL

***NOTE: For the latest list of available PLC drivers and PLC cables go to www.automationdirect.com.**

10 Connect C-more 6" Micro-Graphic Panel to PLC

Connect the serial communications cable between the **C-more** Micro-Graphic panel and the PLC. The panel can be connected to the PLC via the panel's built-in RJ12 serial communications port (RS-232) or 15-pin serial communications port with either RS-232, RS-422 or RS-485 communications.



***NOTE: When the panel is powered through Port1 from a connected PLC or PC, the screen brightness is diminished because the panel is running in Low-Power Mode. For full brightness, connect an external 12-24 VDC power source to the panel's power connection. Low-Power Mode should be used during initial programming only. Connect an external 12-24 VDC power source when the panel is installed in its application.**

Additional Help and Support

- For product support, specifications, and installation troubleshooting, a Hardware User Manual can be downloaded from the On-line Documentation area of the [AutomationDirect](http://AutomationDirect.com) web site or purchased through the [AutomationDirect](http://AutomationDirect.com) Sales team @ 1-800-633-0405 as part number EA1-MG6-USER-M.
- For software programming help, refer to the **C-more** Micro-Graphic Programming Software on-line embedded help.
- Refer to demos of the product at: www.CmoreMicro.com/software/software_demo.html
- For additional technical support and questions, call our Technical Support team @ 1-800-633-0405 or 770-844-4200.

C-more 6" Micro-Graphic Panel Specifications

Specifications		
Description:	320 x 240 dots LCD display (Landscape Mode), five user defined keypad function buttons, and five user defined LED's	
Display:	<ul style="list-style-type: none"> Type 5.7" STN monochrome LCD, graphical characters Resolution 320 (W) x 240 (H) dots (Landscape Mode) 240 (W) x 320 (H) dots (Portrait Mode) Color 2 colors (normal / inverse) 	
Display Brightness (Reference)	Low Power Mode*	High Power Mode
	Red → 10 nits Green → 11 nits White → 13 nits	Red → 50 nits Green → 125 nits White → 150 nits
Viewing Area Size	4.614" (W) x 3.480" (H) [117.2 mm x 88.4 mm]	
Active Area Size	4.535" (W) x 3.400" (H) [115.2 mm x 86.4 mm]	
Contrast	Adjusted from the panel's built-in configuration setup menu	
Viewing Angle	3, 9 o'clock axis → 45 degrees 6 o'clock axis → 40 degrees 12 o'clock axis → 20 degrees	
Backlight:	LED	
Type	Model EA1-S6ML: 5 user defined colors: Red, Green, Amber, Lime, and Yellow	
Color	Model EA1-S6MLW: 5 user defined colors: White, Pink1, Pink2, Pink3, and Red	
User Replaceable	No	
Touch Screen:	Analog touch panel	
Type	82 gram force (0.8 N) maximum	
Operation	Minimum of 1,000,000 cycles	
Life		
Features:		
User Memory	1792 kBytes	
Number of Screens	Up to 999 – limited by project memory usage	
Beep (Internal)	Yes	
Keypad Function Buttons	Five user defined function key buttons with the ability to custom label with an overlay. Minimum of 500,000 cycles	
Keypad Function Button LEDs	Each function key button includes a red LED that can be user programmed.	
Serial Communications	Built-in RJ12 serial communications port (RS-232) and 15-pin D-sub serial communications port (RS-232, RS-485 / 422).	
Expansion Connection	Yes – used with optional Keypad Bezels, EA-MG6-BZ2 & EA-MG6-BZ2P	
Screen Objects:	Push Button, Switch, Indicator Button, Indicator Light, Graphic Indicator Light, Numeric Display, Numeric Entry, Inc/Dec Value, Bar Graph, Bitmap Button, Static Bitmap, Dynamic Bitmap, Recipe Button, Static Text, Lookup Text, Dynamic Text, Screen Change Push Button, Screen Selector, Adjust Contrast, Function, Key Configuration Object, Real Time Graphics Line Graph, Analog Meter.	
Functional Devices	Lines, Rectangles, Circles and Frames	
Static Shapes	Fixed fonts: 6x6, 6x8, 8x16, 16x16, 32x16, 32x32, and Windows fonts	
Displayable Fonts		
Electrical:		
Input Voltage Range	Low Power Mode* 5.0 VDC (4.75 – 5.25 VDC)	High Power Mode 12/24 VDC (10.2 – 26.4 VDC)
Input Power	Supplied through the panel's RJ12 serial communications port connection when used with most AutomationDirect PLCs having a RJ12 communication port or from a PC USB.	Supplied from an external class 2, 12-24 VDC power source
Power Consumption	1.05 W @ 5 VDC (210 mA)	6.5 W @ 10.2 VDC (630 mA)
Recommended Fuse	No fuse required when directly connected to a PLC or PC with recommended cable.	Type AGC fast acting glass fuse, 750 mA, 250 VAC, AOC p/n AGC-75
Maximum Inrush Current	1 A for 500 µs	10 A for 500 µs
Acceptable External Power Drop Duration	Maximum 1 ms	
Environmental:		
Operating Temperature	0 to 50 °C (32 to 122 °F) Maximum surrounding air temperature rating 50 °C	
Storage Temperature	-20 to +60 °C (-4 to +140 °F)	
Humidity	5–95% RH (non-condensing)	
Environmental Air	For use in Pollution Degree 2 environment	
Vibration	IEC60068-2-6 (Test Fc), 5-9 Hz: 3.5 mm amplitude, 9-150 Hz: 1.0G, sweeping, at a rate of 1 octave/min. (±10%), 10 sweep cycles per axis on each of 3 mutually perpendicular axes	
Shock	IEC60068-2-27 (Test Ea), 15 G peak, 11 ms duration, three shocks in each direction per axis, on 3 mutually perpendicular axes (total of 18 shocks)	
Noise Immunity	NEMA ICS3-304 RFI, (145 MHz, 440 MHz 10 W @ 10 cm) Impulse 1000 V @ 1 µs pulse	
Enclosure	For use on a flat surface of Type 1, 4X enclosure (for indoor use only)	
Agency Approvals	CE (EN61131-2), UL508, CUL Canadian C22.2 No. 142-M95, UL File E157382, CSA File 234884	
Physical:		
Dimensions	6.850" (W) x 5.331" (H) x 2.130" (D) [174.0 mm x 135.4 mm x 54.1 mm] (Landscape Mode) 5.331" (W) x 6.850" (H) x 2.130" (D) [135.4 mm x 174.0 mm x 54.1 mm] (Portrait Mode)	
Enclosure Mounting Thickness Range	0.04" – 0.2" [1 – 5 mm]	
Mounting Clip Screw Torque Range	21 – 28 oz-in [0.15 – 0.2 Nm]	
Depth from bezel rear with options Module	1.894" [47.1 mm]	
Weight	30.69 oz. (870 g)	

*NOTE: When the 6" panel is powered through Port1 from a connected PLC or PC, the screen brightness is diminished because the panel is running in Low-Power Mode. For full brightness, connect an external 12-24 VDC power source to the 6" panel's power connection. Low-Power Mode should be used during initial programming only. Connect an external 12-24 VDC power source when the panel is installed in its application.

Customizing the Function Keys Label Insert

Step 1 - Remove existing function key label insert using a small tool such as jeweler's screw driver.

Step 2 - Remove the protective film from the blank key label insert.

Step 3 - If desired, print and apply self adhesive labels to the blank insert.

Step 4 - Install the new insert into the slot in the side of the panel and lock tab into place.

C-more Micro-Graphic Panel Dimensions

EA1-S6ML & EA1-S6MLW Panel Dimensions

Units: inches [mm]

NOTE: Panel shown in Landscape (Horizontal) orientation

Units: inches [mm]

Mounting Clip Screw Torque

Units: inches [mm]

Enclosure Mounting Thickness

Units: inches [mm]

Communication Port Adapters

D-SUB 15-pin 90-degree Communication Port Adapter (EA-ADPTR-4)

The EA-ADPTR-4 adapter plugs into the 15-pin serial port on the rear of the 6" panel to allow a PLC communication cable to be plugged in at a 90 degree angle to reduce panel depth requirements. 15-pin straight through pin-out. UL Recognized.

Units: inches [mm]

D-SUB 15-pin to Terminal Block Adapter (EA-COMCON-3)

The EA-COMCON-3 adapter plugs into the 15-pin serial port on the rear of the 6" panel to allow wire terminal connections for an RS-422/RS-485/DH-485 PLC communication cable. UL Recognized.

Units: inches [mm]

USB to RS232 Programming Cable Assembly

USB to RS232 Converter Specifications	
Part Number:	EA-MG-PGM-CBL
Description:	6-ft. cable assembly to connect personal computer to any C-more Micro-Graphic panel for setup and programming. (Note: This cable assembly uses the PC's USB port and converts the signals to serial transmissions. The USB port supplies 5 VDC to the Micro-Graphic panel for configuration operations.) Assembly includes standard USB A-type connector to B-type connector cable, custom converter, and an RS232C cable (DV-1000CBL) with RJ12 modular connector on each end.
Hardware:	<ul style="list-style-type: none"> USB Interface USB Specification Rev. 1.1 Connector: USB Type B jack to accept USB Type B cable plug Serial Interface RS232 (EIA-232-E) Connector: RJ12 phone jack 6p to accept RJ12 cable plug Baud Rate 115.2 kbps Maximum Input Voltage 5 VDC (Supplied thru serial interface cable.) Power Consumption 50 mA (Does not include power to panel and/or bezel.)
Accessory Cables:	<ul style="list-style-type: none"> USB Cable USB Type A plug to PC on one end, USB Type B plug to converter on other end, 0.30 m [1 foot] length (* Note) Serial Cable DV-1000CBL cable with RJ12 phone plug connectors on both ends, 2.0 m [6.56 feet] length (* Note)
Physical:	<ul style="list-style-type: none"> Dimensions 2.559" (W) x 1.417" (H) x 0.886" (D) [65.0 mm x 36.0 mm x 22.5 mm] Weight 1.06 oz. [30 g]
Environmental: Same as C-more Micro-Graphic panel specifications.	
* Note: Maximum cable length for either the USB or serial cable should not exceed 2.0 m [6.56 feet] in length.	

Converter Status Indicators

LED Status Indicators: TXD, RXD, PWR

Converter Dimensions

Units: inches [mm]

20-Button Landscape (Horizontal) Keypad Bezel

EA-MG6-BZ2 Keypad Bezel

Units: inches [mm]

EA-MG6-BZ2 Cutout Dimensions

Units: inches [mm]

EA-MG6-BZ2 Keypad Bezel Dimensions

Units: inches [mm]

Panel Thickness

Units: inches [mm]

NOTE: Mounting clips for the panel or keypad bezel are included with each product

Units: inches [mm]

Four directional cursor buttons, numeric buttons and ESC, MENU, CLEAR and ENTER buttons.

Replacement Parts

Part Number	Description
EA-MG-BZ2-BRK	Replacement mounting clip for C-more Micro-Graphic panel and keypad bezels (pk of 8)
EA-MG-DC-CON	Replacement DC power connector (pk of 5)
EA-MG6-S6ML-GSK	Replacement mounting gasket for C-more Micro-Graphic panels
EA-MG6-BZ2-GSK	Replacement mounting gasket for C-more Micro-Graphic keypad bezels EA-MG6-BZ2 and EA-MG6-BZ2P
EA-MG-S6ML-FKL	Replacement function key label insert for C-more Micro-Graphic panels (pk of 5; 3 blank, 1 F1-F5 for landscape, 1 F1-F5 for portrait)

Panel Mounting Clips
Part No. EA-MG-BZ2-BRK

(pk of 8)

DC Power Connector
Part No. EA-MG-DC-CON

(pk of 5)

Panel Gasket
Part No. EA-MG6-S6ML-GSK

Keypad Bezel Gasket
Part No. EA-MG6-BZ2-GSK

Function Keys Label Inserts
Part No. EA-MG6-S6ML-FKL

(pk of 5; 3 blank, 1 F1-F5 for landscape, 1 F1-F5 for portrait)

21 Button Landscape (Horizontal) Keypad Bezel

EA-MG6-BZ2P Keypad Bezel

Units: inches [mm]

EA-MG6-BZ2P Cutout Dimensions

Units: inches [mm]

EA-MG6-BZ2P Keypad Bezel Dimensions

Units: inches [mm]

Panel Thickness

Units: inches [mm]

NOTE: Mounting clips for the panel or keypad bezel are included with each product

Units: inches [mm]

Four directional cursor buttons, numeric buttons, and ESC, MENU, CLEAR and two ENTER buttons.

Clear Screen Overlay

EA-6-COV2

Units: inches [mm]

Step 1

Remove the overlay from the package

Step 2

Remove the paper backing from the overlay

Step 3

Align the overlay with the screen and press the adhesive firmly into place

Step 4

Remove the protective film*

***NOTE: The protective cover ships with a thin protective sheet on the face of the cover that needs to be carefully removed. If your panel is not clear, the protective sheet may not have been removed.**