C-more 6" Micro Panels Overview

Overview

C-more 6" Micro panels offer full color TFT touch screen capability and customizable graphics.

In addition to the simple panel configuration software, a very helpful feature is the built-in project simulator. The project simulator allows you to view your project on the PC screen as it would appear on the panel and to test all your screens before downloading the project to the panel. You can simulate your entire project at any stage of development. With version 2.50 or later, simulate the function keys and keypad bezel.

Getting started

Installing the software and configuring the **C-more** 6" Micro panel is simple. You will need the following to successfully connect and configure a project for the panel:

- **C-more** Micro panel
- **C-more** Micro Programming Software EA-MG-PGMSW (Downloadable version available from the **AutomationDirect** web site at no charge.)
- **C-more** Micro USB to RS232 Programming Cable Assembly EA-MG-PGM-CBL, used to connect between a PC and the Micro panel's built-in serial port
- Power source – either powered from the RJ12 serial comm port on most **AutomationDirect** PLCs, **C-more** DC Power Adapter EA-MG-P1, or Serial Port with DC Power Adapter EA-MG-SP1
- Personal computer – to run the **C-more** Micro programming software
- Communications Cable (serial) – to connect the **C-more** Micro panel to your controller
- Adding the EA-ECOM module allows programming and PLC communication via an Ethernet connection (EA3 series only)

Drivers for your Controller

C-more 6" Micro panels have the following drivers available for connection to Productivity Series, CLICK, **Direct**LOGIC and many other devices:

- AutomationDirect Productivity Series – serial / Ethernet*
- AutomationDirect Do-more – serial / Ethernet*
- AutomationDirect CLICK (Modbus)– serial / Ethernet*
- **Direct**LOGIC K-sequence, **Direct**LOGIC **Direct**NET, **Direct**LOGIC Modbus (Koyo Addressing) **Direct**LOGIC ECOM Ethernet*
- Modbus RTU Modbus TCP/IP*
- Allen Bradley DF1 Full Duplex, Allen Bradley DF1 Half Duplex, Allen Bradley PLC5 DF1, AB DH485
- Omron Host Link (C200 Adapter, C500) Omron FINS serial (CJ1, CS1)
- GE SNPX (90/30, 90/70, Micro 90, VersaMax Micro)
- Mitsubishi Melsec FX
- Siemens PPI
- Entivity Modbus RTU
- AutomatiionDirect GS Drives
- AutomationDirect SOLO Temperature Controllers
- Mitsubishi Q/QnA

with EA-ECOM Ethernet module (EA3 series only)

EA1-T6CL

$432.00

Shown in Landscape (Horizontal) mode

EA3-T6CL

$299.00

Shown in Portrait (Vertical) mode

NOTE: EA1-T6CL requires Software and Firmware Version 2.50 or later. EA3-T6CL requires Software and Firmware Version 3.60 or later. Available for free download at www.automationdirect.com.

Features

Bitmaps
- 320 X 240 pixel graphical display supports bitmaps
- Use bitmap images of pushbuttons, switches, indicators, your company logo
- Use provided library of bitmaps
- Create your own library of bitmaps

Text - 40 lines
- 40 lines by 80 characters of static text in Landscape Orientation
- 53 lines by 60 characters of static text in Portrait Orientation
- Look up text, scroll up to 128 characters
- 40 lines by 40 characters of dynamic text, embedded variables, on/off phrases, scroll up to 40 characters
- Scroll text object with up to 128 characters

Beep
- Beep to indicate an alarm
- Beep for a special message
- Beep to verify when button is pressed

Bar graphs
- Line, vertical, horizontal, skinny, fat, multiple

Data entry
- Pop-up numeric key pad on the screen
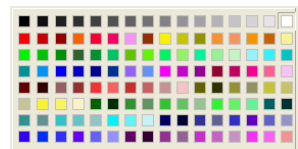- Increment/decrement a value by touching arrows

Recipes
Each recipe button transfers up to 99 values from PLC source registers to PLC destination registers and/or from the recipe table to PLC destination registers.

32K Colors
The 6" panels have a palette of 32K colors available to make full use of color for objects and bitmaps as well as backgrounds.

Up to 999 Screens
C-more Micro supports up to 999 screens. Screen quantity is limited by memory usage which is determined by the total bitmaps, objects, etc. that are used.

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C-more 6" TFT Micro Panels		
Part Number	**Description**	**Price**
EA3-T6CL	**C-more** Micro touch screen operator interface, 5.7 inch, TFT color LCD, 320 x 240 pixel display, 32K colors, LED backlight, 5 user defined function keys, RS-232 (RJ12) port, RS-232 / RS-485 / 422 (15-pin D-sub) port, USB B port, display supports landscape/portrait mode(s), NEMA 4/4X, IP65, indoor use only.	$299.00
EA1-T6CL	**C-more** Micro touch screen operator interface, 5.7 inch, TFT color LCD, 320 x 240 pixel display, 32K colors, LED backlight, 5 user defined function keys, RS-232 / RS-485 / 422 (15-pin D-sub) port, USB B port, display supports landscape/portrait mode(s), NEMA 4/4X, IP65, indoor use only.	$432.00
USB-CBL-AB3	The **C-more** Micro TFT panel requires a USB A-to-B type cable to connect a personal computer to the panel for programming. (Note: The TFT panel includes a built-in USB to serial converter and the USB driver will appear as a COM port to the PC when properly installed. The USB port supplies 5VDC to the TFT panel so that no external power supply is required for programming.)	$7.50
USB-CBL-AB6		$9.50
USB-CBL-AB10		$18.00
USB-CBL-AB15		$22.50

Note: Software and Firmware Version 3.60 or later is required with model EA3-T6CL. Available for free download at www.automationdirect.com.

Note: Software and Firmware Version 2.5 or later is required with model EA1-T6CL. Available for free download at www.automationdirect.com.

C-more Micro Programming Software		
Part Number	**Description**	**Price**
EA-MG-PGMSW	**C-more** Micro Windows-based programming software for **C-more** EA1 and EA3 series panels. Package includes software CD. Requires USB port connection from PC to C-more Micro panel. Cables sold separately. Downloadable version available from the Web site at no charge.	$25.00

C-more 6" Micro Panel Accessories		
Part Number	**Description**	**Price**
EA-ADPTR-4	DSUB PLC serial communications port adapter, 15-pin 90-degree. Compatible with C-more EA7 series, EA9-T6CL(-R) and C-more Micro 4 or 6-inch panels.	$39.00
EA-COMCON-3	DSUB port adapter, 15-pin to 6-terminal RS-422/485, right angle connector, plugs into the 15-pin serial port on rear of touch panel to allow wire terminal connections for an RS-422/485 communication cable. Compatible with C-more EA7 series, EA9-T6CL(-R), and C-more Micro 4 or 6-inch panels.	$42.00
EA-6-COV2	Optional clear screen overlay used to protect **C-more** 6" Micro displays from minor scratches and wear. Package contains 3 clear screen overlays.	$37.00

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EA1-T6CL Panel Accessories		
Part Number	**Description**	**Price**
EA-MG6-BZ2	For Landscape (Horizontal) Mounted EA1-T6CL Panels. 20-button keypad bezel with numeric keypad for *C-more* EA1-T6CL, 4 arrow adjust keys, and ESCAPE, MENU, CLEAR and ENTER buttons. Helps to reduce screen wear in heavy-duty applications where operators can use the keypad to enter numeric data. Designed for easy drop-in of the Micro panels.	$107.00
EA-MG6-BZ2P	For Portrait (Vertical) Mounted EA1-T6CL Panels. 21-button keypad bezel with numeric keypad for *C-more* EA1-T6CL, 4 arrow adjust keys, and ESCAPE, MENU, CLEAR and (2) ENTER buttons. Helps to reduce screen wear in heavy-duty applications where operators can use the keypad to enter numeric data. Designed for easy drop-in of the Micro panels.	$79.00

EA3-T6CL Panel Accessories		
Part Number	**Description**	**Price**
EA-ECOM	C-more Micro communication expansion module, Ethernet (RJ45) port for programming and PLC communications at 10/100 Mbps. For use with EA3 series panels.	$50.00