

## MGT Mini Panel Displays

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The products in this document are no longer actively sold or promoted by CTC. Product information is listed here solely for the reference of our existing customers who have already purchased and installed these products.

When space and cost are at a premium, look to CTC's MGT series for the answer. These mini touchpanels are easily installed into very small spaces. They connect to CTC automation controllers (Model 5200 and up) over a standard serial cable -- much easier than wiring up an operator pushbutton / display box. And because the touchpanel is programmable, it is much more flexible and offers the operator a greater range of display information. All of the MGT panels offer both graphic and text displays that can be oriented in either a vertical or horizontal position.

The MGT0 and MGT1 offer bright high resolution displays with the ability to select three different programmable LED backlight colors (red, orange, green). The background lighting can also be set to flash. For example you might use green for normal operation, orange for set-up, red for alert, and flashing-red for warning.

The MGT2 and MGT3 offer larger full color displays that improve the operator experience especially in applications where more complex information needs to be entered or displayed.

### Key Features:

- Incredibly small package
- Low Cost
- Easy connection to Blue Fusion controllers (Models 5200 and 5300 only)
- IP65 Sealing
- Fixed and TrueType fonts
- Multi-language support
- Pre-built libraries of display and data entry widgets such as buttons, lights, switches, read outs, etc.
- User designed graphics
- Scrolling messages
- Charting Functions
- Recipe Functions
- Alarm Manager (not available on the MGT0)

## MGT Model Selection Guide

Model      MGT0-1030      MGT1-1040      MGT2-1050      MGT3-2060



Shown with optional grey bezel



<b>Screen type</b>	3-color	3-color	256-color	4096-color
<b>Resolution</b>	128 x 64	240 x 96	320 x 240	320 x 240
<b>Displayable characters</b>	72	216	768	768
<b>Backlight</b>	3-color LED: green, orange, red (solid or flashing)	3-color LED: green, orange, red (solid or flashing)	white LED	CFL
<b>Touchpanel</b>	Resistive			
<b>Touch select resolution</b>	8 x 8 pixels			
<b>CTC controller link1</b>	RS-232 (9.6 to 115 kBps)			RS-232 (9.6 to 115 kBps); Ethernet option
<b>Overall dimensions [inch (mm)]</b>	4.3 x 2.8 x 1.1 (110 x 72 x 28)	5.7 x 2.8 x 1.2 (144 x 72 x 30)	5.6 x 4.4 x 1.3 (142 x 112 x 34)	6.4 x 5.1 x 1.5 (163 x 129 x 39)
<b>Behind panel depth [inch (mm)]</b>	0.9 (24)	1.0 (26)	1.1 (30)	1.4 (35)
<b>Project memory [Flash (MB)]</b>	0.4	1.4	6.5	10 plus optional SD card
<b>Front panel sealing</b>	IP65			
<b>Approvals</b>	CE, UL		CE	
<b>Operating temp (°C)</b>	0 to 50			

**Storage  
temp (°C)**

-20 to 60

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**Note**

1. MGT panels are supported by CTC controller models of 5200 and greater.