

## A real life example of how to ...



## ... change Backlight Colours !!!

### GTDesigner2

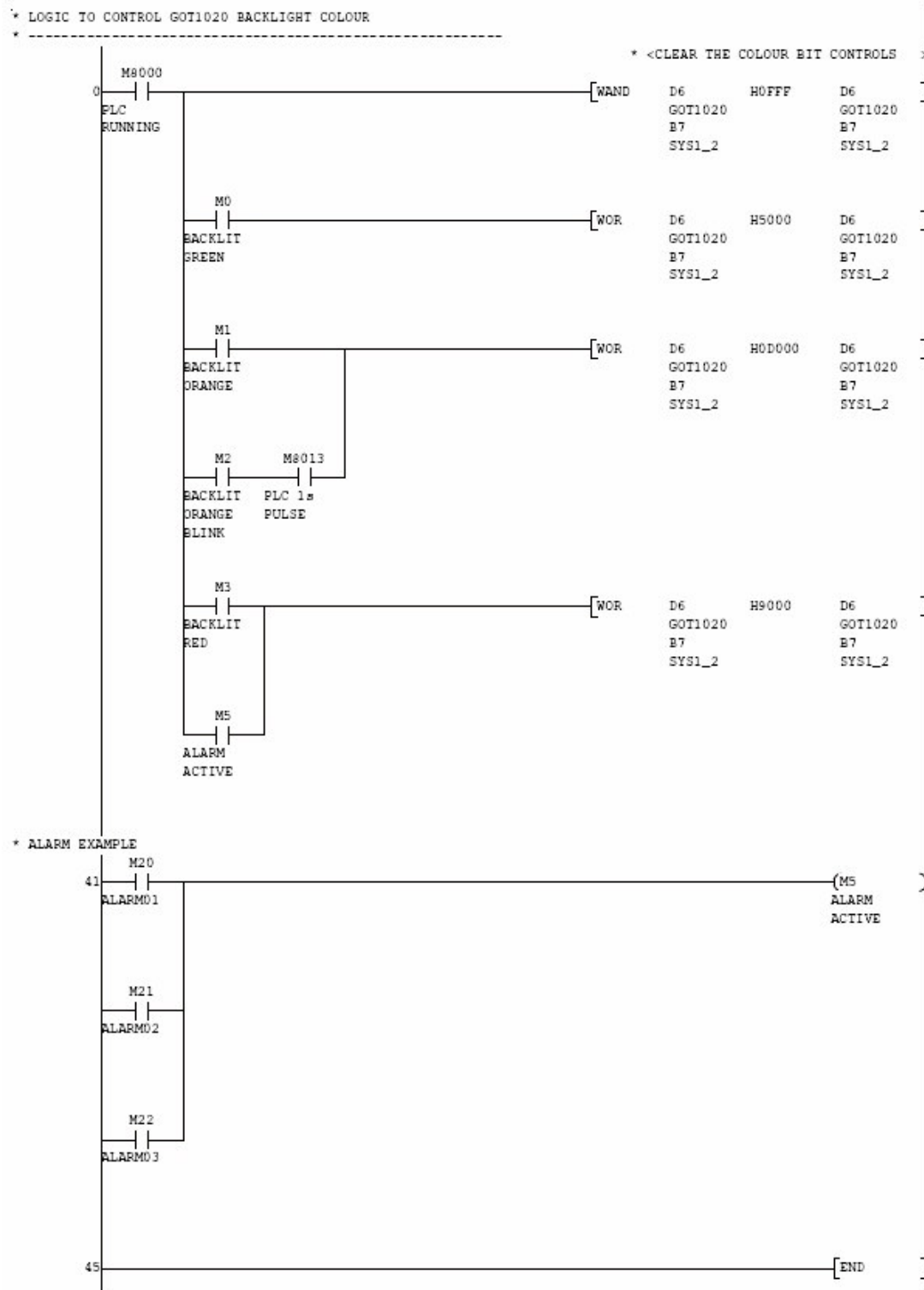
- Select the "Common > System Environment" from the menu bar.
- Double click on the "System Information" tab under System Environment.
- Enter a Data Register for the head of the "Read Device" Signals.
- The Backlight Control is in the "External I/O Function Output Information" so this needs to be ticked.
- The next register following on from the assigned head "Read Device" is automatically assigned.

(Double check that the register isn't already used in your PLC Program or Touch Screen project).

The screenshot shows the GT Designer2 interface. The 'System Environment' menu is open, and the 'System Information' tab is selected. The 'Read Device' section is visible, showing 'System Signal 1-1' set to D5 and 'External I/O Function Output Information' checked. The 'Write Device' section shows 'System Signal 2-1' set to D8.

## GX Developer (PLC)

- To change the backlight colour the PLC program needs to manipulate b0 to b5 of the defined "External I/O Function Output Information" register. More information is in the GOT1000 Designer Manual. Below is an example of code that achieves this.



... it's VERY effective !!!