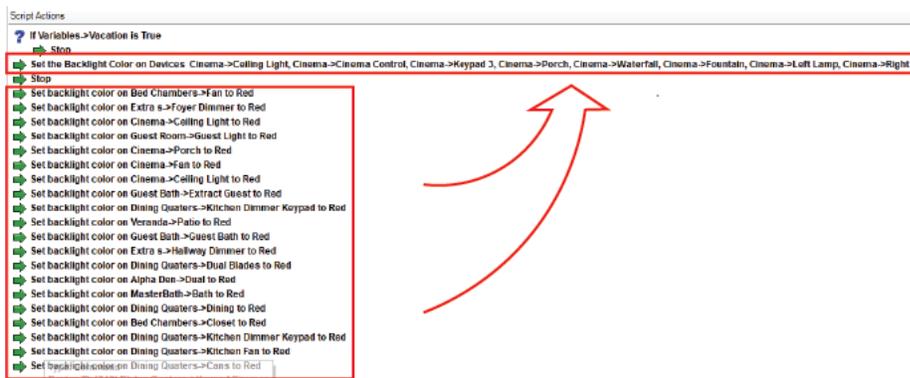




# Programming Tips and Tricks

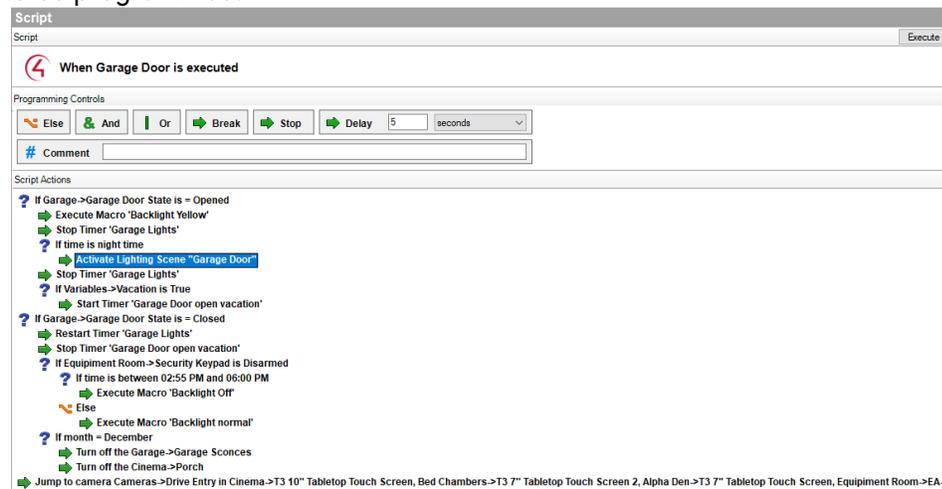
## USING THE LED WIZARD TO SET CUSTOM BACKLIGHT COLORS

Use the LED Wizard driver (<https://drivers.control4.com/solr/drivers/browse?q=led+wizard>) to make backlighting on Control4 lighting more informative. We use a yellow backlight if the garage door is open. Red if the security system is armed. Green or blue can be normal states. This screenshot highlights how powerful the wizard is. The 3rd line replaces everything below the stop commands.



## Example: Set backlight to yellow when the garage door is open

Here is one macro that is activated every time the garage door opens. Using macros makes accessing programming easier and in one location rather than chasing down all the individual events that need to be programmed.





## Example: Set a backlight during peak power rates

Here's one turning off the backlights on the devices during peak power rates as well as some other changes to help the house be more efficient.

**Script**  
Script Execute

**When scheduled event 'SRP Peak Hours' executes**

Programming Controls  
 Else And Or Break Stop Delay 5 seconds  
 # Comment

Script Actions

- Stop
- Send Push Notification "SRP peak hours"
- Activate Lighting Scene "Srp Peak Hour"
- delay 2 seconds
- If Room Cinema Room Power is ON
  - Set the speed on Cinema->Fan to High
- If Room Bed Chambers Room Power is ON
  - Set the speed on Bed Chambers->Fan to High
- If Room Alpha Den Room Power is ON
  - Execute Macro 'Keypad backlights off'
  - Set countdown to Off mins on Garage->Hot Water
  - Execute Macro 'Off Touch Screen Power'

Below is the associated programming for the macro. Now you will see it is again just one line of programming so I could have not used a macro here. However, it was more efficient this way if you ever need to make a change—if you change the macro it updates in all the locations you used the macro. So, if I add more devices or need to make changes, I can do it here in this one macro and have it applied throughout my entire project.

**Script**  
Script Execute

**When keypad backlights off is executed**

Programming Controls  
 Else And Or Break Stop Delay 5 seconds  
 # Comment

Script Actions

- Set the Backlight Color on Devices Cinema->Ceiling Light, Cinema->Cinema Control, Cinema->Keypad 3, Cinema->Porch, Cinema->Waterfall, Cinema->Fountain, Cinema->Left Lamp, Cinema->Right L
- Stop
- Set backlight color on Cinema->Ceiling Light to Black
- Set backlight color on Cinema->Fan to Black
- Set backlight color on Cinema->Porch to Black
- Set backlight color on Guest Room->Guest Light to Black
- Set backlight color on Bed Chambers->Fan to Black
- Set backlight color on Bed Chambers->Closet to Black
- Set backlight color on Alpha Den->Dual to Black
- Set backlight color on Veranda->Patio to Black
- Set backlight color on Dining Quaters->Dining to Black
- Set backlight color on Dining Quaters->Dual Blades to Black
- Set backlight color on Dining Quaters->Cans to Black
- Set backlight color on Dining Quaters->Kitchen Dimmer Keypad to Black
- Set backlight color on Dining Quaters->Kitchen Fan to Black
- Set backlight color on MasterBath->Bath to Black
- Set backlight color on MasterBath->Extract Fan to Black
- Set backlight color on Guest Bath->Guest Bath to Black
- Set backlight color on Guest Bath->Extract Guest to Black
- Set backlight color on Extra s->Hallway Dimmer to Black
- Set backlight color on Extra s->Foyer Dimmer to Black

Thank You,  
Matthew Lowe  
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