

**Overview**

This custom DACPI (**Daylight Compensation PhotoCell Interface**), as well as the standard DACPI, allows GRAFIK Eye 3000 and 4000 Series Systems to automatically select preset lighting scenes in response to available daylight for optimum light levels and energy savings. Either DACPI works in conjunction with Lutron's PhotoCell (MW-PS). Alternately, a 0-10 volt signal from photo measurement equipment (by others) may be used in place of the Lutron PhotoCell.

The custom DACPI (GRX-DACPI-CF) can be used with either the GRAFIK Eye 3000 or 4000 Series Systems and allows for all of the standard functions of the GRX-DACPI, however scene selections on the custom DACPI correspond to alternate functions. This new function allows scene selections to assign active Banks as well as enable/disable the custom DACPI.

**Operation & Programming**

The custom DACPI unit will be set-up to listen to a "virtual" GRAFIK Eye, which will occupy Address A8. There is **no** A8 in the system, but by using timeclock events or Accessory controls that operate A8, the intended changes will occur. An NTGRX-4B, NTGRX-2B-SL, or a GRX-PRG may be used to control the DACPI. The DACPI must be properly setup to operate correctly.

**Step One:**

Enter Programming mode with the GRAFIK Eye control unit.  
Set the GRAFIK Eye control unit's address to **A8**.  
Exit Programming mode.

**Step Two:**

Enter Programming mode with the Accessory Control which will be used to control the DACPI.  
Set the Accessory control to "talk" to the GRAFIK Eye control unit addressed **A8**.  
Exit Programming mode.

**Step Three:**

Enter Programming mode with the GRAFIK Eye Control Unit addressed **A8**.  
Change the address from A8 to another address not being used by another Control unit.  
Exit Programming mode.

**Step Four:**

Enter Programming mode with the GRX-DACPI-CF.  
Add all GRAFIK Eye Control Units that you want the DACPI to "talk" to.  
Exit Programming mode.

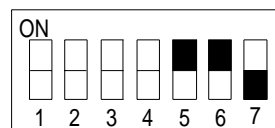
Reference the GRAFIK Eye Installer's Guide for detailed information on programming Control Units.

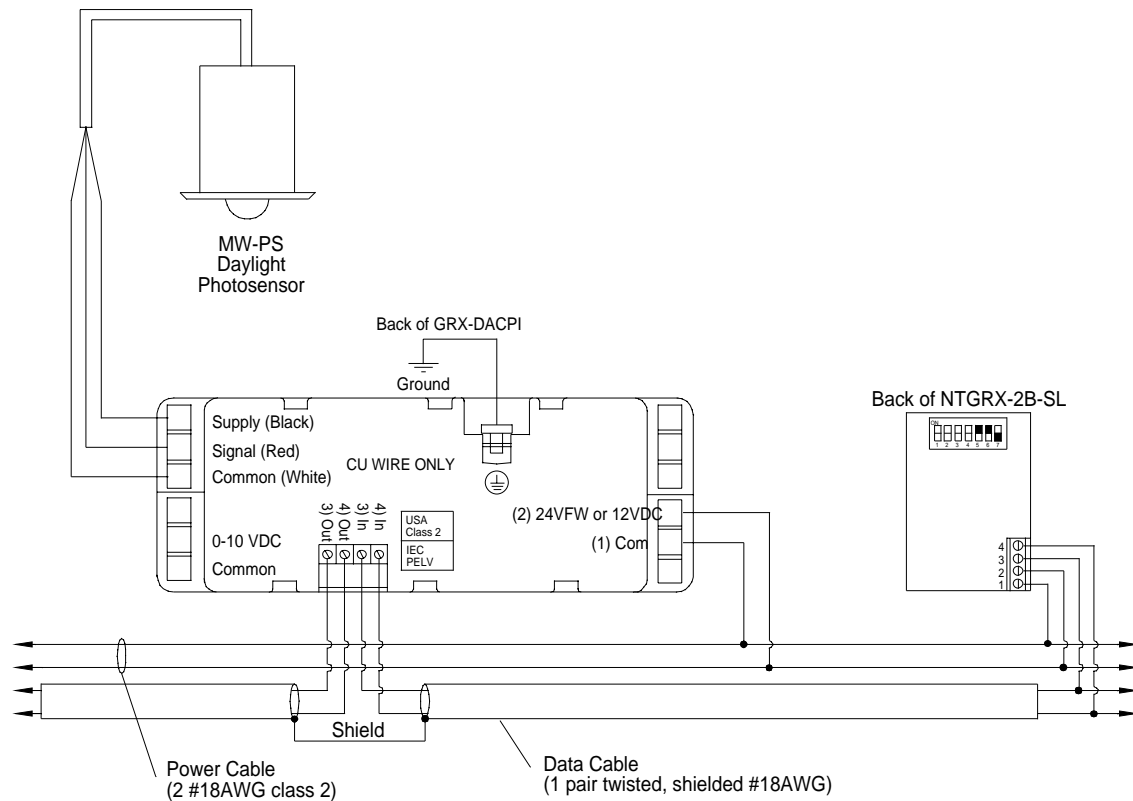
**NTGRX-2B-SL**

The NTGRX-2B-SL can be used to enable and disable the custom DACPI. Set the dip switches of the NTGRX-2B-SL for Scenes 9 and 10. The top button of the NTGRX-2B-SL will activate Scene 9 which enables the custom DACPI. The bottom button will activate Scene 10 which disables the custom DACPI. Since there is no Address A8 in the system, the LEDs on each of the two buttons will **not** light.

The DACPI can still be used for manual scene selection.

NTGRX-2B-SL  
Set up for Scene 9 and 10.  
Scene 9: DACPI Enabled  
Scene 10: DACPI Disabled





## Scene Selection Accessories (i.e. NTGRX-4B)

Scene selection controls can be used to perform the custom functions. A four scene selection control can be configured to simply select a particular Bank of scenes or to select the Bank and enable the custom DACPI. Since there is no Address A8 in the system, the LEDs on the Accessory controls will **not** light.

### Overview: NTGRX-4B

Dip Switches set for Scenes 1 to 4. Select DACPI's bank and enables DACPI.

Select Scene 1: Selects Bank 1 on the DACPI.

Select Scene 2: Selects Bank 2 on the DACPI.

Select Scene 3: Selects Bank 3 on the DACPI.

Select Scene 4: Selects Bank 4 on the DACPI.

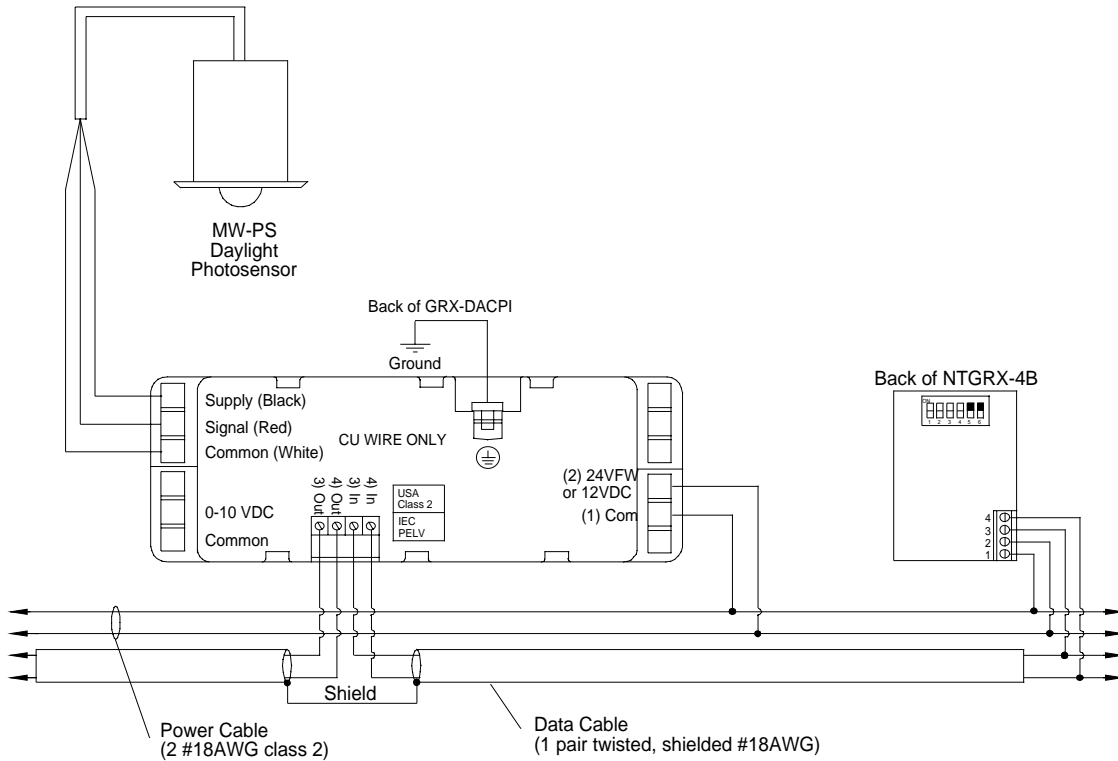
Dip Switches set for Scenes 5 to 8. Selects DACPI's bank and leaves Enable/Disable unaffected.

Select Scene 5: Selects Bank 1 on the DACPI.

Select Scene 6: Selects Bank 2 on the DACPI.

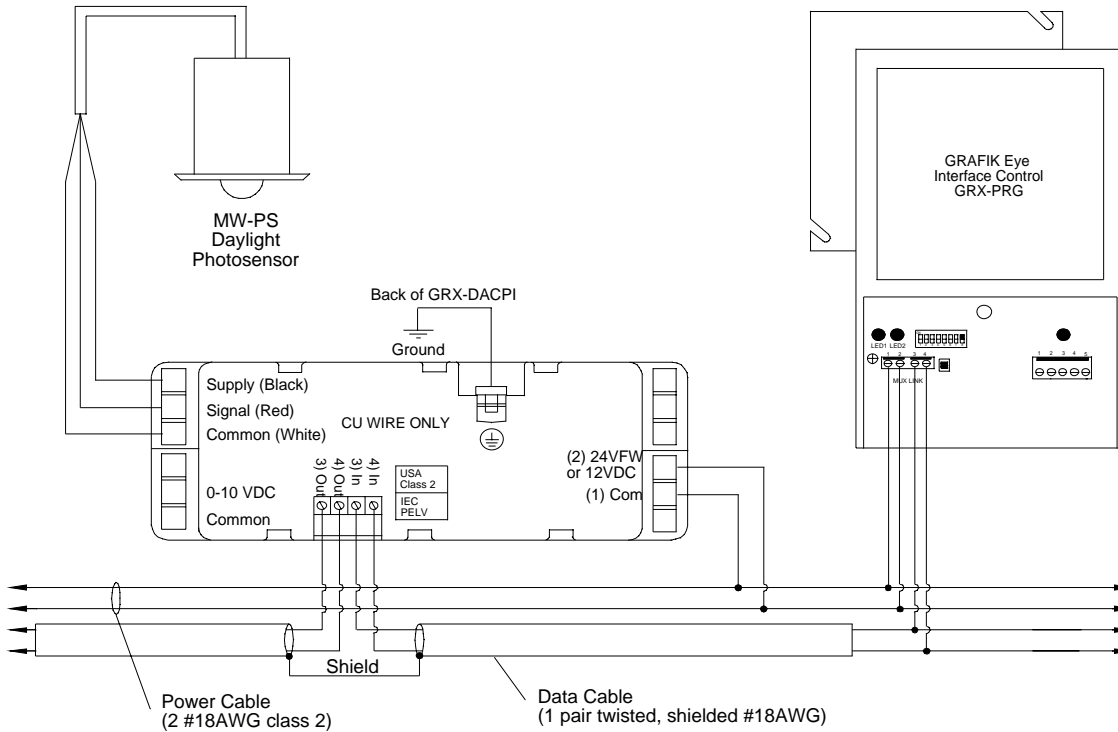
Select Scene 7: Selects Bank 3 on the DACPI.

Select Scene 8: Selects Bank 4 on the DACPI.



## GRX-PRG (For Timeclock Function)

The scene selections discussed in the Scene Selection Accessories Section can also be made through an Astronomic Timeclock. If GRAFIK Eye LIAISON software is being used with a GRX-PRG, these scene selections can be made as part of the timeclock schedule. Therefore, the decision of what Bank to select and when to enable/disable the custom DACPI can be automated.



## Additional Information

### World Headquarters

Lutron Electronics Co., Inc.  
7200 Suter Road  
Coopersburg, PA 18036-1299 U.S.A.  
**TOLL FREE:** (800) 523-9466 (U.S.A., Canada, and the Caribbean)  
Tel: (610) 282-3800; International 1610 282-3800  
Fax: (610) 282-3090; International 1610 282-3090

### European Headquarters

Lutron EA LTD  
Lutron House  
6 Sovereign Close  
Wapping  
London, E1 9HW England  
**FREEPHONE:** 0800 282107 (U.K.)  
Tel: (0171) 702-0657; International 44-171-702-0657  
Fax: (0171) 480-6899; International 44-171-480-6899

### Hong Kong Office

Tel: 2593-1119; International 852-2593-1119  
Fax: 2593-1197; International 852-2593-1197

### Singapore Office

Tel: 487-2820; International 65-487-2820  
Fax: 487-2825; International 65-487-2825

### Japan Office

Lutron Asuka Corporation K.K.  
Kowa Shibakoen Bldg. 2nd Floor  
1-1-11 Shibakoen  
Minato-ku, Tokyo 105-0011, Japan  
**TOLL FREE:** (0120) 083417 (Japan)  
Tel: International 81 3 5405 7333  
Fax: International 81 3 5405 7496

### Worldwide Technical and Sales Assistance

If you need technical assistance, call the toll-free **Lutron Technical Assistance Hotline**. Please provide exact model number when calling. (800) 523-9466 (U.S.A., Canada and the Caribbean)  
Other countries call:  
Tel: (610) 282-3800; International: 1 610 282-3800  
Fax: (610) 282-3090; International: 1 610 282-1243  
Our address on the Web is [www.lutron.com](http://www.lutron.com)

Lutron and GRAFIK Eye are registered trademarks of Lutron Electronics Co., Inc.