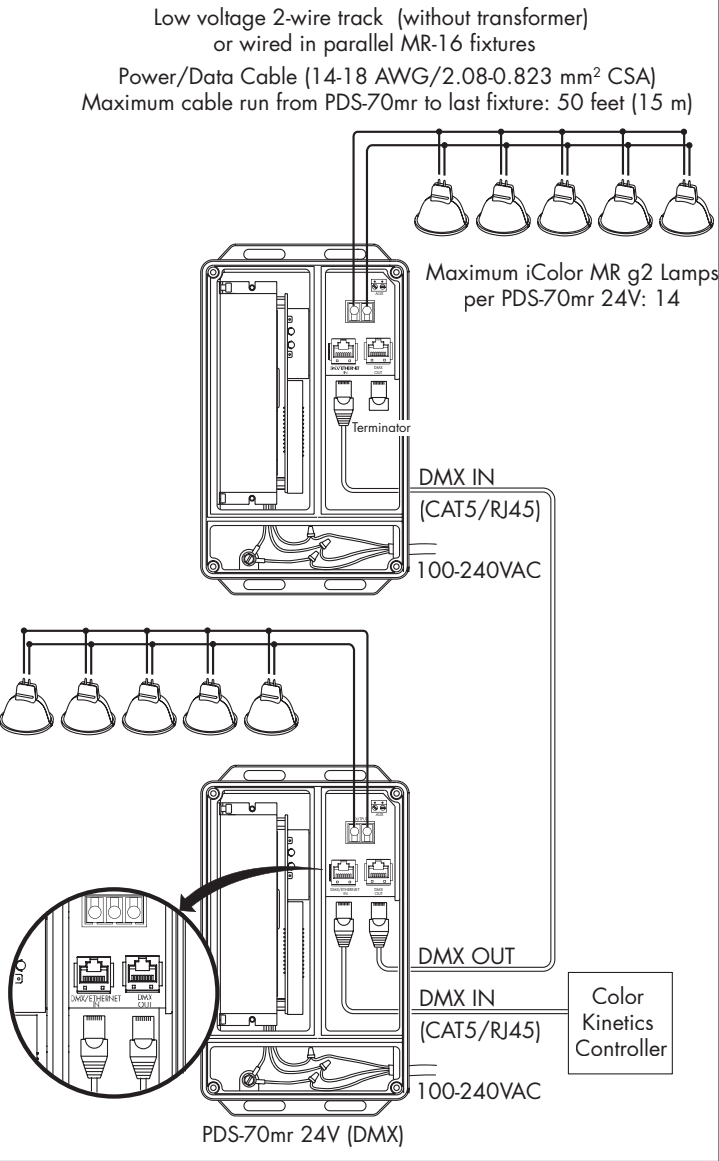


The preprogrammed PDS-70mr can be used to synchronize preprogramed shows in large, multiple PDS-70mr installations by daisy chaining data from the DMX OUT port to the DATA IN port on a PDS-70mr with DMX control. For complete instructions, list of effects, and wiring diagrams for the Preprogrammed power/data supply, refer to the PDS-70mr User Guide and wiring diagrams located at www.colorkinetics.com/support.

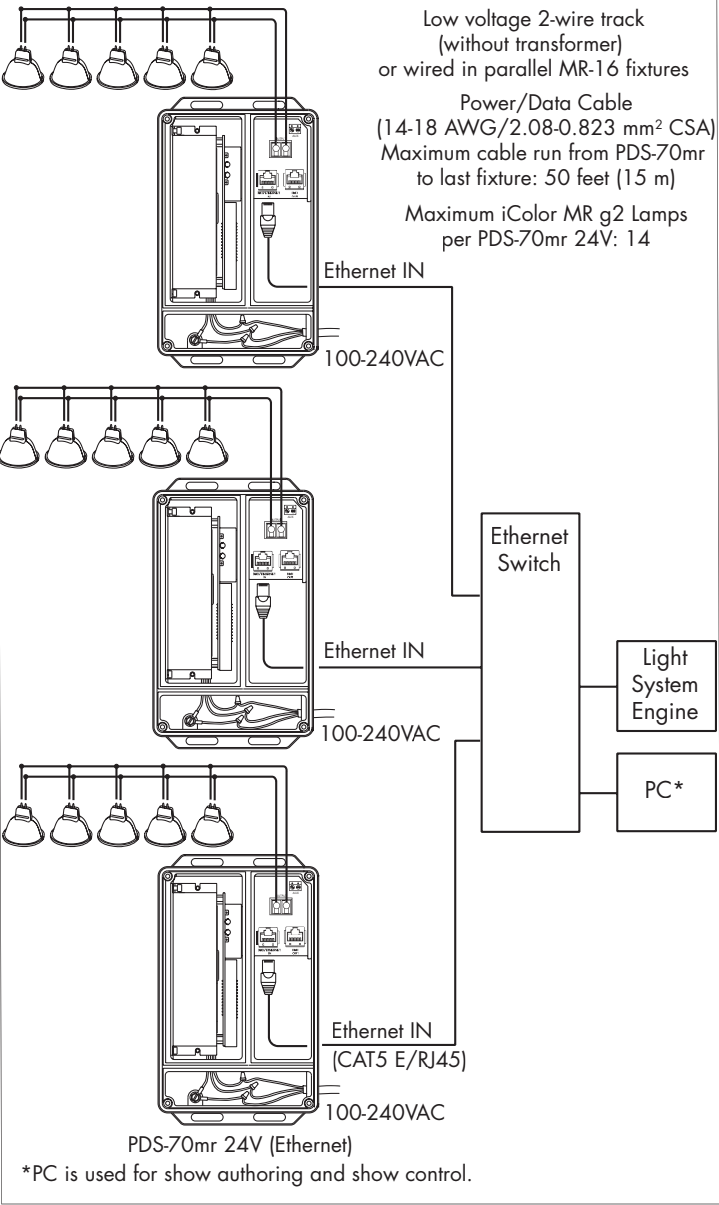
Fig. 3: DMX Control



The PDS-70mr with DMX control receives data from and external DMX controller. Color Kinetics offers a full line of DMX controllers including the ColorDial preprogrammed controller or the iPlayer 2 storage and playback control. Custom effects and light shows can be created using one of Color Kinetics light show authoring softwares–Light System Composer or ColorPlay.

For the full line of Color Kinetics controllers and software visit www.colorkinetics.com. For complete instructions and wiring diagrams for the DMX power/data supply, refer to the PDS-70mr User Guide and wiring diagrams located at www.colorkinetics.com/support.

Fig. 4: Ethernet Control



The PDS-70mr with Ethernet control receives data from Color Kinetics Light System Manager. Light System Manager combines the Light System Engine storage and playback device with Light System Composer show authoring software. For more information on the Light System Manager, visit www.colorkinetics.com.

For complete instructions and wiring diagrams for the Ethernet power/data supply, refer to the PDS-70mr User Guide and wiring diagrams located at www.colorkinetics.com/support.

ADDRESSING iCOLOR MR g2

How the iColor MR g2 is addressed depends on the method of control and the PDS-70mr 24V power/data supply that you choose.

PDS-70mr 24V DMX: Using the serial number recorded on the iColor MR g2 light, set a DMX address for each light via the PDS-70mr with one of the following Color Kinetics addressing tools: Serial Addressing Software (SAS) or ZAPI 1.5.

Recording the serial number prior to installation, lets you address the lights after installation. Follow the user guide for the tool you choose for complete instructions. SAS is available for download from www.colorkinetics.com/support.

PDS-70mr 24V Ethernet: The Ethernet version of the PDS-70mr 24V is used in conjunction with Color Kinetics Light System Manager. The Light System Manager includes Light System Composer software and Light System Engine hardware. With Light System Manager, you can discover and address the lights after installation.

PDS-70mr 24V Preprogrammed: With the exception of the Chasing Rainbow, when using the preprogrammed PDS-70mr 24V no addressing is required.

Temperature Monitoring

For protection from extreme temperatures, the iColor MR g2 has been designed with a temperature monitoring feature. If operating temperatures rise to an unsafe level, a compensation circuit is triggered and the iColor MR g2 operation is interrupted causing the lights to turn dull red. Allow lights to cool, at least 30 minutes, then power-cycle to return to full intensity.

To prevent additional power shut-downs, determine the cause of the overheating and correct the problem before power-cycling.

If any problems occur during usage, unplug the product immediately and call or email:

Color Kinetics Technical Support Group:

1-888-FULL RGB or 617-423-9999 or

www.colorkinetics.com/support

iCOLOR MR g2 SPECIFICATIONS

SOURCE	10 half watt colored LEDs
HOUSING	Die-cast zinc, approx. 1.8" (4.6 cm) MOL, 2" (5 cm) DIA.
BASE	GX5.3
CONNECTORS	2-pin terminal for use with Color Kinetics PDS-70mr 24V
POWER CONSUMPTION	5W Max. at full intensity (full RGB)
POWER REQUIREMENT	24VDC
POWER SUPPLY	PDS-70mr 24V (ITEM# 109-000018-00 Series)
TEMPERATURE	
 AMBIENT	-4°F to 104°F (-20°C to 40°C)
 LAMP SURFACE	167°F (75°C)