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# Operation Manual

## Image L80 & L40 LED DMX

(True Match® Firmware 3.0)



**Image L80 LED Yoke Mount**



**Image L40 LED Pole-Op**



**KINO FLO**  
Lighting Systems

# Image L80 & L40 LED Fixtures

## Image LED Yoke Mount



### **IMG-L80U**

Image L80 LED DMX Yoke Mount, Univ



### **IMG-L40U**

Image L40 LED DMX Yoke Mount, Univ

## Image LED Pole-Op



### **IMG-L80PU**

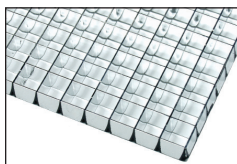
Image L80 LED DMX Pole-Op, Univ



### **IMG-L40PU**

Image L40 LED DMX Pole-Op, Univ

## Included w/ all Image Models

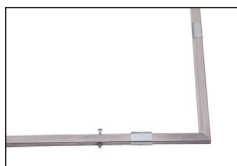


### **LVR-I80-S**

Image L80 Silver Louver (Included)

### **LVR-I40-S**

Image L40 Silver Louver (Included)



### **GFR-I80**

Image L80 Gel Frame (Included)

### **GFR-I40**

Image L40 Gel Frame (Included)

# Image Yoke Mount Kits



**Image L80 LED  
DMX Kit**

## **KIT-IL80U**

Image L80 LED DMX Kit, Univ

### **Kit Contents:**

1 Image L80 LED DMX  
1 Jr. Pin  
1 Ship Case

### **Dimensions:**

58 x 9.5 x 36.5"  
(147.5 x 24 x 93cm)

### **Weight:**

75.5 lb  
(34.5kg)



**Image L40 LED  
DMX Kit**

## **KIT-IL40U**

Image L40 LED DMX Kit, Univ

### **Kit Contents:**

1 Image L40 LED DMX  
1 Jr. Pin  
1 Ship Case

### **Dimensions:**

58 x 9.5 x 25.5"  
(147.5 x 24 x 65cm)

### **Weight:**

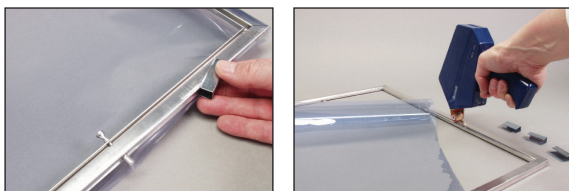
56 lb  
(25.5kg)

## Inserting Gel Frame



The gel frame is secured to the fixture by 4 spring-loaded pins. Align the pins of the gel frame with the oval receptacle holes on the edge of the fixture. Pull back the pins and release into the receptacles to properly secure the gel frame.

## Applying Gel to Frame



A) The Gel Frame comes with gel clips. Cut the gel or diffusion to size and use the clips to fasten to the frame.

Note: It is recommended to attach one clip on all four sides and two clips near all four corners of the Gel Frame.

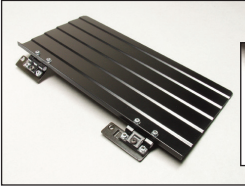
B) Another method is to apply transfer tape directly to the gel frame. The clips are not necessary when taping the gel.

## Inserting Louver

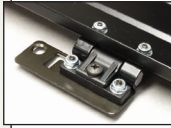


Place the long edge of the Louver into the lower channel containing a set of leaf springs. Press down on the Louver and slip the upper edge of the louver into the upper channel of the fixture. To remove, reverse the procedure.

# Mounting Barndoors



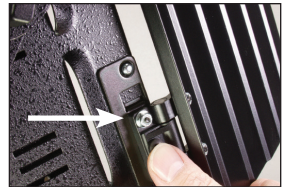
Side Door (x2)



Top/ Bottom Door  
(x2)

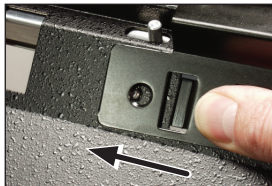
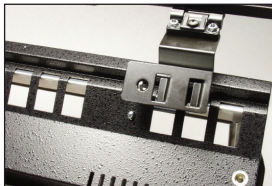


## Side Doors



- 1) Align the hinge bracket tabs with the two square receptacles on the side of the fixture.
- 2) Press the tabs of both brackets into the square receptacles.
- 3) Slide the two brackets up until the silver lock pin snaps into place.
- 4) To release the barndoor, press the lock pin down and slide the bracket in reverse.

## Top and Bottom Doors



- 1) Align the two hinge bracket tabs with the two square vents closest to the silver lock pins.
- 2) Press the brackets down into the vent and slide them over to engage the lock pins with the hole in the bracket.
- 3) To remove the barndoor, press down on the two lock pins and slide the brackets back.
- 4) Adjust the hinge tension with a Phillips head screwdriver.

# Image Yoke Mount



The Yoke has a 1/2" hole to accept industry standard mounting hardware.

The **Image L80 LED Yoke Mount** can hang from a grid by a junior pipe hanger using a Junior Pin Assembly for Yoke (**MTP-I80**), sold separately.



The **Image L40 LED Yoke Mount** can also hang from a grid by a junior pipe hanger using a Junior Pin Assembly for Yoke (**MTP-I80**) or hang from a baby pipe hanger using a Baby Receiver Assembly for Yoke (**MTP-I40**), both sold separately.

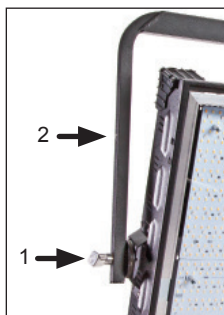
Note: Because of weight capacity, the **MTP-I40** can only be used on the Image L40 LED Yoke Fixture.



**MTP-I80** Junior Pin Assembly for Yoke (28mm)



**MTP-I40** Baby Receiver Assembly for Yoke (16mm)



The Yoke Mount is also designed with two holes to allow the yoke bracket to be placed in one of two positions. The additional option is useful when hanging the units in a studio with a low ceiling.

Warning: Use only 10-32 x 3/8" screws (supplied) to assemble yoke. Note that threads on the fixture are self-locking and may seem tight. Replacement screws: Part No. 2020058

Recommended torque setting:

**USA: 18 lb-in**

**Metric: 2 Nm**

# Image Pole-Op



The **Image L80 and L40 LED Pole-Op** fixtures include a yoke with an attached junior pin.

They can be hung from a grid with a junior pipe hanger.



Junior pin attached to Pole-Op Yoke

## Pole Operation



The **Blue cup** alters the **Pan** (left or right).

The **White cup** alters the **Tilt** (up or down).



### Warning!

Do not pull yoke to adjust tilt. Turn the white knob counter clockwise to angle the yoke 90°.

(ParaBeam shown for illustration purposes only.)





# Fixture Power



## AC Input

The Image LED is powered AC and includes an IEC connection.

A locking power cord is included with the fixture. To remove the plug, move the red tab to release. The fixture has a built-in power supply with universal input from 100-240VAC.

## Ambient Operating Temperature

The Image LED is designed to operate at temperatures from 14°F to 104°F (-10°C to 40°C).



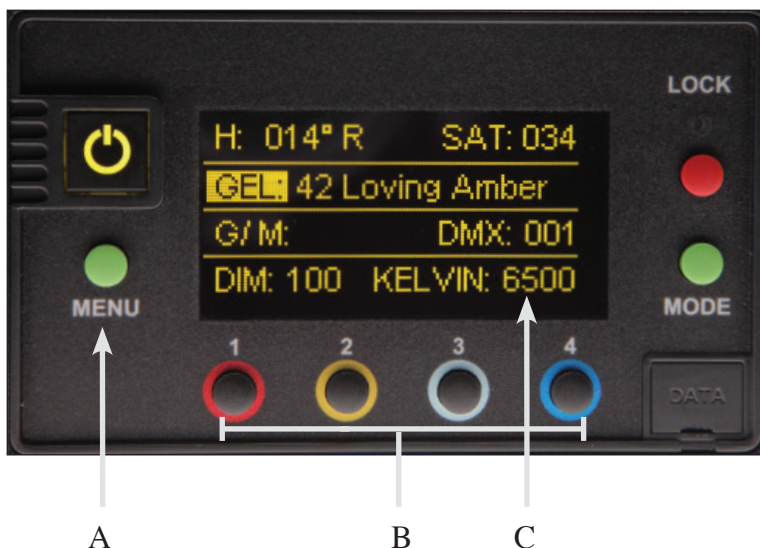
# Control Panel - White Mode



- A) On /Off:** **On** = Green light displayed. **Off** = Red light displayed. The display and all menu settings can be operated while the power button is in the Off position, as long as power is applied to the controller. The On /Off button only controls the light source.
- B) Menu:** Provides access to menu options such as General settings, Reset, DMX and DMX Wireless settings. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (**White, Gels & Hue, RGB, FX**).
- C) Preset Buttons:** Factory defaults left to right are: 2700K, 3200K, 5000K and 6500K. G/M default value is 000. User can also use these preset buttons to store custom Kelvin and G/M settings.
- D) Display:** Provides access to Dim, Kelvin, G/M, and DMX channel.  
Factory reset will show: Dim = 10%, Kelvin = 2700K, G/M = 000, DMX = 001.
- E) Lock:** Press the **Lock** button to disable all buttons and Control knob.  
Press for 3 seconds to restore displayed presets to default factory settings.
- F) Mode:** Press to navigate from Dim to Kelvin and G/M settings.  
When in sub-menus, pressing Mode always returns you to main display.  
When DMX is applied, use Mode to access DMX channel on main display.  
Shortcut: Long press will bring you back one step.
- G) Data Port:** Mini B USB for firmware updates.
- H) Control Knob:** Manually adjusts Dim, Kelvin, G/M levels and DMX address.  
Press the Control knob to toggle between **Fine** and **Coarse** increments or when selecting options within menus.

**DMX Note:** Each LED Fixture has an **"AUTO TERMINATE"** feature. The last fixture that does not have an XLR cable attached to the DMX "Out" port will automatically terminate.

# Control Panel - Gels/Hue Mode



## Gels/Hue Mode

### A) Menu:

Provides access to menu options such as General settings (**Gels/Hue Mode**), Reset, DMX and DMX Wireless settings. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (**White, Gels & Hue, RGB, FX**).

### B) Preset Buttons:

Factory defaults left to right are: 2700K, 3200K, 5000K and 6500K. G/M default value is 000. User can also use these preset buttons to store custom Kelvin between 2500K and 9900K and custom G/M, Gel, Hue and Saturation settings.

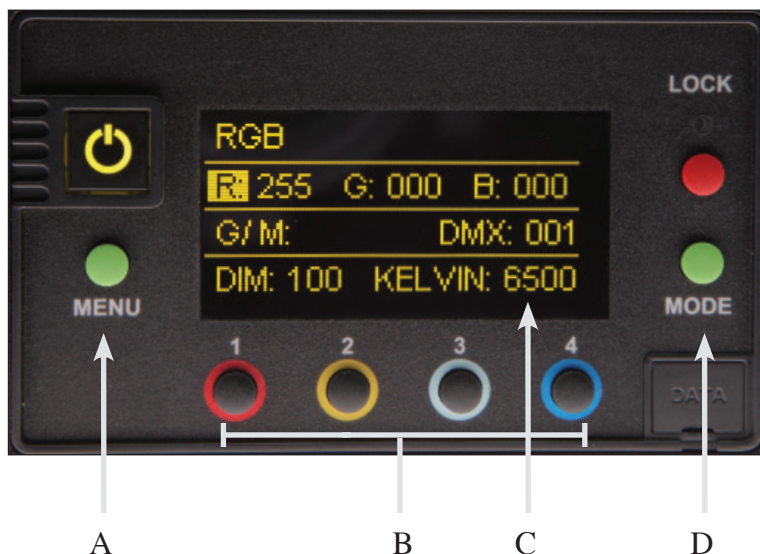
### C) Display:

Provides access to Dim, Kelvin, G/M, Gel, Hue/Saturation and DMX channel. Factory reset will show: Dim = 10%, Kelvin = 2700K, G/M = 000, DMX = 001.

### D) Mode:

Press to navigate from Dim to Kelvin, G/M, Gel, Hue and Saturation settings. When on the Gel function, pushing the Control knob in/out will apply the gel or remove the gel. When in sub-menus, pressing Mode always returns you to main display. When DMX is applied, use Mode to access DMX channel on main display. Shortcut Tip: Long press will bring you back one step.

# Control Panel - RGB Mode



## RGB Mode

### A) Menu:

Provides access to menu options such as General settings (**RGB Mode**), Reset, DMX and DMX Wireless settings. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (**White, Gels & Hue, RGB, FX**).

### B) Preset Buttons:

Factory defaults left to right are: 2700K, 3200K, 5000K and 6500K. G/M default value is 000. User can also use these preset buttons to store custom Kelvin between 2500K and 9900K and custom G/M, and RGB settings.

### C) Display:

Provides access to Dim, Kelvin, G/M, RGB and DMX channel.

Factory reset will show: Dim = 10%, Kelvin = 2700K, G/M = 000, DMX = 001.

### D) Mode:

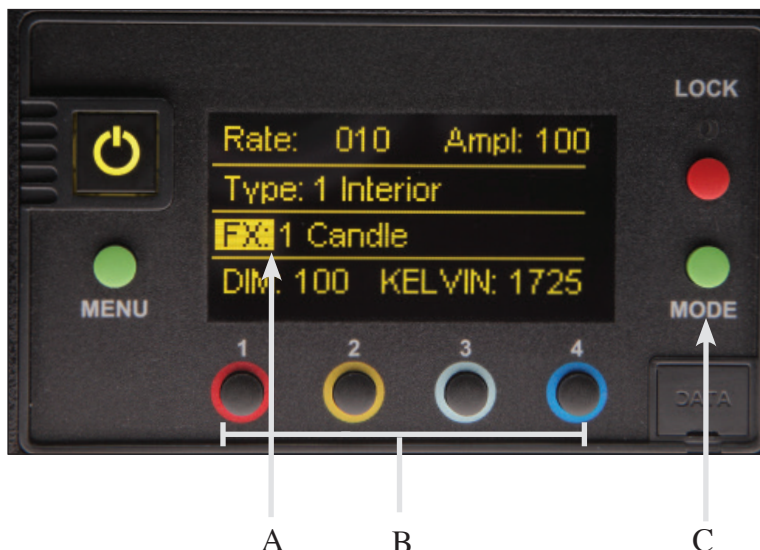
Press to navigate from Dim to Kelvin, G/M, RGB settings.

When in sub-menus, pressing Mode always returns you to main display.

When DMX is applied, use Mode to access DMX channel on main display.

Shortcut: Long press will bring you back one step.

# Control Panel - FX (Effects)



## FX (Effects) Mode

FX mode provides access to effects including Candle, Fire, TV, Police, Lightning, Paparazzi, Pulse and Scroll. Candle mode used as an example:

### A) FX Option:

Choose the desired FX Mode by rotating the control knob. When on the desired effect, there will be several pre-programmed effects as well as control parameters that can be altered.

### B) Preset Buttons:

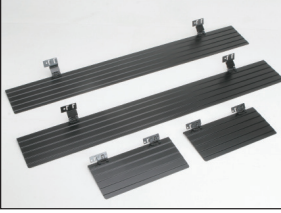
In FX Mode, **Kelvin** custom settings and any control functions displayed such as **Rate** and **Amplitude (Ampl)** can be saved as a preset. Chosen values can be assigned to any preset button by holding down the desired button for 3 seconds. The Kelvin display will flash once the setting is registered.

To restore presets to default factory settings, choose **Reset** under **General** settings and Clear Presets. This method will reset all buttons in all Modes. Shortcut: If only want to clear presets for **Candle Mode**, hold **Lock** button for 3 seconds while Candle mode is displayed.

### C) Mode:

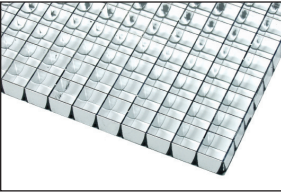
Press to navigate from Dim to Kelvin and FX settings.  
Shortcut: Long press will bring you back one step.

# Accessories



**BRD-I80** Image L80 Barndoors (Set of 4)

**BRD-I40** Image L40 Barndoors (Set of 4)



**LVR-I80-S** Image L80 Louver/Silver

**LVR-I40-S** Image L40 Louver/Silver



**KAS-I80-I** Image L80 Ship Case

**KAS-I40-I** Image L40 Ship Case



**7010016** Image L80 Pole-Op Assembly

**7010015** Image L40 Pole-Op Assembly



**MTP-I80** Junior Pin Assembly for Yoke (28mm)



**MTP-I40** Baby Receiver Assembly for Yoke (16mm)

# Fixture Specifications



**Image L80 LED  
DMX Yoke**

**IMG-L80U** Image L80 LED DMX Yoke Mount, Univ

**AC Input Voltage:** 100~240VAC 50/60Hz, 400W  
**Amperage VAC:** 4.0A at 120VAC, 2.0A at 230VAC  
**Kelvin Range:** 2700K~6500K (White Mode)  
 2500K~9900K (Color Mode)  
**Dimming Range:** 100%~1%  
**Weight:** 41.5 lb (19kg)  
**Dimensions:** 54 x 6.5 x 28"  
 (138.5 x 16.5 x 71cm)



**Image L80 LED DMX  
Pole-Op**

**IMG-L80PU** Image L80 LED DMX Pole-Op, Univ

**AC Input Voltage:** 100~240VAC 50/60Hz, 400W  
**Amperage VAC:** 4.0A at 120VAC, 2.0A at 230VAC  
**Kelvin Range:** 2700K~6500K (White Mode)  
 2500K~9900K (Color Mode)  
**Dimming Range:** 100%~1%  
**Weight:** 45.5 lb (21kg)  
**Dimensions:** 54.5 x 6.5 x 28"  
 (138.5 x 16.5 x 71cm)



**Image L40 LED  
DMX Yoke**

**IMG-L40U** Image L40 LED DMX Yoke Mount, Univ

**AC Input Voltage:** 100~240VAC 50/60Hz, 200W  
**Amperage VAC:** 2.0A at 120VAC, 1.0A at 230VAC  
**Kelvin Range:** 2700K~6500K (White Mode)  
 2500K~9900K (Color Mode)  
**Dimming Range:** 100%~1%  
**Weight:** 25 lb (11.5kg)  
**Dimensions:** 54 x 6.5 x 17"  
 (137 x 16.5 x 43cm)



**Image L40 LED DMX  
Pole-Op**

**IMG-L40PU** Image L40 LED DMX Pole-Op, Univ

**AC Input Voltage:** 100~240VAC 50/60Hz, 200W  
**Amperage VAC:** 2.0A at 120VAC, 1.0A at 230VAC  
**Kelvin Range:** 2700K~6500K (White Mode)  
 2500K~9900K (Color Mode)  
**Dimming Range:** 100%~1%  
**Weight:** 27 lb (12kg)  
**Dimensions:** 54.5 x 6.5 x 17"  
 (138.5 x 16.5 x 43cm)

**FCC Part 15 Verification:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

**FCC Part 15 Declaration of Conformity:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



KINO FLO, INC  
**Image L80 & L40 LED**  
ID: XRSCRMXTIMO101  
IC: 8879A-CRMXT101

For full operation manual, latest Warranty information and Certifications,  
see Kino Flo website at [www.kinoflo.com](http://www.kinoflo.com).



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**Environmental: Disposal of Old Electrical & Electronic Equipment.**

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. This product is made of recyclable materials and should be disposed of in accordance with governmental regulations.