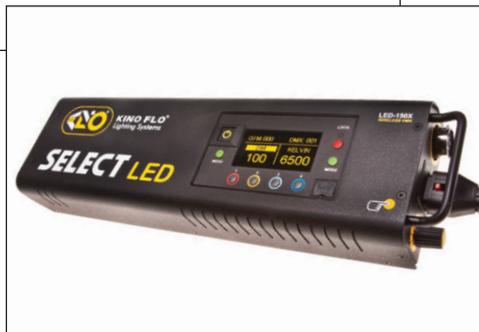# Operation Manual
Select 30/20 LED

KINO FLO®
Lighting Systems

Select 30 & 20 LED Systems

SYS-S30-120U Select 30 LED DMX System, Univ 120U
SYS-S30-230U Select 30 LED DMX System, Univ 230U

SYS-S20-120U Select 20 LED DMX System, Univ 120U
SYS-S20-230U Select 20 LED DMX System, Univ 230U

Each Select LED System consists of:
- 1 LED Fixture
- 1 Mounting Plate
- 1 Extension Cable
- 1 LED Controller

Select LED System Components

CFX-SL30 Select 30 LED Fixture

CFX-SL20 Select 20 LED Fixture

MTP-BW41 Kino 41K Mount Wing w/ Baby Receiver (16mm)

X12-25 Select 150 Extension, 25ft

LED-150X-120U
Select 150 LED DMX Controller, Univ 120U

LED-150X-230U
Select 150 LED DMX Controller, Univ 230U

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Select 30 LED DMX Kits

**Select 30 LED
DMX Kit w/ Soft Case**

KIT-S30B-120U
Select 30 LED DMX Kit, Univ 120U w/ Soft Case

KIT-S30B-230U
Select 30 LED DMX Kit, Univ 230U w/ Soft Case

Kit Contents:	Dimensions:
1 Select 30 LED Fixture	42.5 x 7.5 x 16.5"
1 Select 150 LED DMX Controller	(108 x 19 x 42cm)
1 MTP-BW41 Mount	
w/ Baby Receiver (16mm)	**Weight:**
1 Extension, 25ft	26 lb
1 Soft Case	(12kg)

**Select 30 LED
DMX Kit w/ Flight Case**

KIT-S30-120U
Select 30 LED DMX Kit, Univ 120U w/ Flight Case

KIT-S30-230U
Select 30 LED DMX Kit, Univ 230U w/ Flight Case

Kit Contents:	Dimensions:
1 Select 30 LED Fixture	46 x 11 x 16.5"
1 Select 150 LED DMX Controller	(117 x 28 x 42cm)
1 MTP-BW41 Mount	
w/ Baby Receiver (16mm)	**Weight:**
1 Extension, 25ft	46.5 lb
1 Flight Case	(21kg)

**Gaffer 30 LED DMX Kit
(2-Unit)**

KIT-S32-120U
Gaffer 30 LED DMX Kit, Univ 120U (2-Unit)

KIT-S32-230U
Gaffer 30 LED DMX Kit, Univ 230U (2-Unit)

Kit Contents:	Dimensions:
2 Select 30 LED Fixture	43.5 x 13 x 18.5"
2 Select 150 LED DMX Controller	(110.5 x 33 x 47cm)
2 MTP-BW41 Mount	
w/ Baby Receiver (16mm)	**Weight:**
2 Extension, 25ft	69 lb
1 Ship Case	(31kg)

Select 20 LED DMX Kits

**Select 20 LED
DMX Kit w/ Soft Case**

KIT-S20B-120U
Select 20 LED DMX Kit, Univ 120U w/ Soft Case

KIT-S20B-230U
Select 20 LED DMX Kit, Univ 230U w/ Soft Case

Kit Contents:	**Dimensions:**
1 Select 20 LED Fixture	31 x 7.5 x 18"
1 Select 150 LED DMX Controller	(79 x 19 x 46cm)
1 MTP-BW41 Mount	
w/ Baby Receiver (16mm)	**Weight:**
1 Extension, 25ft	23 lb
1 Soft Case	(10.5kg)

**Select 20 LED
DMX Kit w/ Flight Case**

KIT-S20-120U
Select 20 LED DMX Kit, Univ 120U w/ Flight Case

KIT-S20-230U
Select 20 LED DMX Kit, Univ 230U w/ Flight Case

Kit Contents:	**Dimensions:**
1 Select 20 LED Fixture	30 x 10.5 x 21"
1 Select 150 LED DMX Controller	(76 x 27 x 53cm)
1 MTP-BW41 Mount	
w/ Baby Receiver (16mm)	**Weight:**
1 Extension, 25ft	38 lb
1 Flight Case	(17kg)

**Interview 20 LED
DMX Kit (2-Unit)**

KIT-S22-120U
Interview 20 LED DMX Kit, Univ 120U (2-Unit)

KIT-S22-230U
Interview 20 LED DMX Kit, Univ 230U (2-Unit)

Kit Contents:	**Dimensions:**
2 Select 20 LED Fixture	36 x 13 x 20.5"
2 Select 150 LED DMX Controller	(91.5 x 33 x 52cm)
2 MTP-BW41 Mount	
w/ Baby Receiver (16mm)	**Weight:**
2 Extension, 25ft	63.5 lb
1 Ship Case	(29kg)

Mounting the Fixture

Align the center pin of the mounting plate to the center hole on the mating plate.

Rotate plate clockwise until the four shoulder rivets drop into the receptacle. A locking pin will snap into place when the plate is properly seated.

The **yellow wire loop** provides an attachment point for a safety chain.

To remove the plate, pull up on the locking pin and reverse the mounting procedure.

Turn the knob to loosen or tighten the orientation of the mount.

Lollipops are interchangeable.

MTP-L   Kino 41 Lollipop w/ 3/8" Pin (10mm)
MTP-LBC Kino 41 Lollipop w/ Baby Rcvr Curve
                   (16mm)
MTP-LBS   Kino 41 Lollipop w/ Baby Rcvr Short
                    (16mm)

Mounting the Controller

Insert the 4 rubber feet of the controller into the 4 holes in the fixture.

Secure the Controller to the fixture with the Velcro fastening strap.

Connect the harness to the Controller. Align the key ways on the harness connector with the circular receptacle on the ballast. Rotate the silver locking ring until it clicks into the lock position.

Extension Cable

The Select LED fixture can be used with the controller directly attached or remotely, using a 25ft extension cable. Remote operation of the controller provides more rigging options.

To insert the cable, align the key ways on the extension cable with the circular receptacle on the controller. Rotate the silver locking ring until it clicks into the lock position.

Mount Options

The Controller can be mounted to a stand with a ballast mount accessory, **MTP-BAL** and mafer clamp.

MTP-BAL

SnapBag & SnapGrid

The SnapBag accessory (**DFS-FS31-S** & **DFS-FS21-S**) is a lightweight fabric tailor-made for the Select LED. It slips over the fixture and is attached with straps. The reflective material intensifies the soft light. The removable Magic cloth or Grid cloth attaches to the inside with Velcro.

The SnapGrid accessory (**LVR-FS340-S** & **LVR-FS240-S**) is constructed of pre-stretched fireproof fabric with a built-in stainless steel frame. It unfolds and snaps into place. This model requires the use with the corresponding SnapBag; it is not designed to be used by itself.

Power

AC Input
The Select 150 LED DMX Controller is powered AC and includes an IEC connection. It also includes a 12ft power cord with a locking IEC connector.

The Select 150 LED DMX Controller has a built-in power supply with universal input from 100-240VAC.

Ambient Operating Temperature

The Select 150 LED DMX is designed to operate at temperatures from 14°F to 104°F (-10°C to 40°C).

DC Input

The Select 150 LED DMX can also be operated on 24VDC (input range 18-36VDC) through a 3-Pin XLR. The pin polarity is:

Pin # 1 – Ground
Pin # 2 + 18-36VDC
Pin # 3   not used

Note:

A low voltage warning will display if input DC voltage is under 18VDC. Photo example: **LOW VDC: 17**

Control Panel - White Mode

A B   C   D   E F G   H

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. *Tip*: While on control screen, press and hold for 3 seconds to switch through menus (**White, Gels & Hue, RGB**).

C) Kelvin & G/M (Green/Magenta) 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 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. *Tip*: Long press will bring you back one step.

G) Data Port: Mini B USB for software updates.

H) Dimmer Knob: Manually adjusts Dim, Kelvin, G/M levels and DMX address. Press the knob to toggle between fine and coarse adjustments or when selecting options within menus.

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

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Control Panel - Color & RGB Mode

A   B   C   D   A   B   C   D
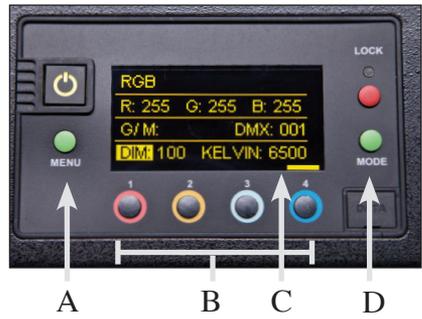
Color Mode

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

B) Kelvin, G/M (Green/Magenta) Gel, Hue & Saturation 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 in sub-menus, pressing Mode always returns you to main display. When DMX is applied, use Mode to access DMX channel on main display. *Tip*: Long press will bring you back one step.

RGB Mode

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

B) Kelvin, G/M (Green/Magenta) RGB (Red, Green, Blue) 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.

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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. *Tip*: Long press will bring you back one step.

Accessories

DFS-SL30-H	Select 30 Flozier, Half
DFS-SL20-H	Select 20 Flozier, Half

DFS-FS31-S	FreeStyle 31 SnapBag w/ 2 x Diffusion
DFS-FS21-S	FreeStyle 21 SnapBag w/ 2 x Diffusion

LVR-FS340-S	Select 30 SnapGrid 40°
LVR-FS240-S	Select 20 SnapGrid 40°

LVR-SL390-P	Select 30 Louver/HP 90°
LVR-SL360-P	Select 30 Louver/HP 60°
LVR-SL290-P	Select 20 Louver/HP 90°
LVR-SL260-P	Select 20 Louver/HP 60°

MTP-KW41	Kino 41K Mount Wing w/ 3/8" Pin (10mm)

MTP-BW41S	Kino 41K Mount Wing w/ Baby Receiver Short (16mm)

MTP-BF41	Kino Offset w/ Baby Receiver (16mm)

MTP-BAL	Kino Ballast Baby Mount (16mm)

Cases

	BAG-SL30	Select 30 Soft Case
	BAG-SL20	Select 20 Soft Case
	KAS-DL30	Select 30 Flight Case
	KAS-DL20	Select 20 Flight Case
	KAS-SL32	Gaffer 30 Ship Case (2)
	KAS-SL22	Interview 20 Ship Case (2)
	KAS-SL33	Select 30 Fixture Ship Case (3)
	KAS-SL23	Select 20 Fixture Ship Case (3)

Select LED Fixture Specifications

Select 30 LED

CFX-SL30   Select 30 LED Fixture

Weight: 12 lb (5kg)
Dimensions: 40.5 x 10.5 x 3.5" w/ 6.5" barndoors
(103 x 27 x 9cm w/ 16.5cm barndoors)

Select 20 LED

CFX-SL20   Select 20 LED Fixture

Weight: 10 lb (4.5kg)
Dimensions: 26.5 x 13 x 3.5" w/ 6" barndoors
(67 x 33 x 9cm w/ 15cm barndoors)

LED Controller Specifications
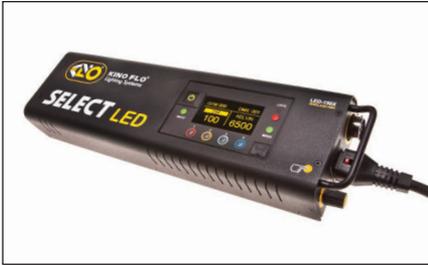
Select LED 150

LED-150X   Select LED 150 DMX Controller

AC Input Voltage: 100~240VAC 50/60Hz, 150W
Amperage VAC: 1.25A at 120VAC, 0.65A at 230VAC
DC Input Voltage: 18~36VDC, 150W
Amperage VDC: 6.25A at 24VDC
Kelvin Range: 2700K~6500K (White Mode)
Kelvin Range: 2500K~9900K (Color Mode)
Dimming Range: 100%~1%
Weight: 4.5 lb (2kg)
Dimensions: 14.5 x 4 x 3"
             (37 x 10 x 8cm)

For latest Warranty information and Certifications,
see Kino Flo website at www.kinoflo.com.

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.

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