DRACAST

KALA PLUS SERIES
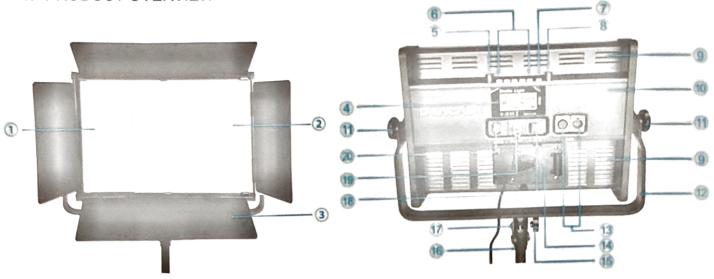
MODELS

BI-COLOR
DRKP1000B
DRKP2000B
DRKP3000B

OPERATING INSTRUCTIONS

1. PRODUCT OVERVIEW

1. LED Surface
2. Removeable Diffusion Panel
3. Dimmer
4. LCD Display
5. CCT Adjustment Knob
6. CCT Preset Buttons
7. Option Selector

8. Brightness Knob
9. Cooling Vent
10. Aluminum Housing
11. Yoke Lock Knob
12. Mounting Yoke
13. DMX Input and Output
14. V-Mount Battery Plate

15. 5/8" Baby Pin Locking Knob
16. Light Stand (Not included)
17. 5/8" Baby Pin Receiver
18. On / Off Switch
19. DC Power Input
20. AC Power Input

2. TECHNICAL DATA

Model No.	DRKP1000B	DRKP2000B	DRKP3000B
Power	60W	120W	150W
0.5W SMD LED	576PCS	1152PCS	1440PCS
Luminous Flux	7200LM	14400LM	18000LM
Brightness	2300Lux/1M	4800Lux/1M	5700Lux/1M
CCT	Bi-Color 2800K~6500K		
CRI	Ra≥96		
TLCI	Qa≥96		
Beam Angle	Approx120°		
LED Lifetime	50000 hrs (estimated)		
Power Adapter	DC15-18V,>5A	DC15-18V,>10A	DC28-32V, >7A
AC Power Supply	AC100-240V		
Battery Compatibility	V-mount lithium battery		
Control Mode	Host control + Mobile APP + DMX		
Dimmer	0-100%		
Dimensions	35.5×39×8CM	62×39×8CM	75×39×8CM
Weight	2.9KG	4.7KG	5.6KG

3. OPERATING INSTRUCTIONS

3.1   Remove the panel light from packaging, plug the output of the power adapter into the (19) DC Power Input and connect to AC.

3.2   Turn on (18) On / Off Switch. (4) LED Display will turn on and enter the default Bi-Color mode.

3.2.1 Turn (8) Brightness Knob to adjust the dimmer level. The (4) LCD Display will read 0% - 100%

3.2.2 Rotate (5) CCT Adjustment Knob to change the color temperature. The (4) LCD Display will read 2800K - 6500K.

3.2.3 Press (6) CCT Preset Buttons to quickly set the color temperature, (6) CCT Preset Buttons are set to 2800K, 3500K, 4500K, 5500K, and 6500K.

3.3   Press (7) Option Selector once. The CH flashes on the (4) LCD Display and will enter the mobile APP channel value setting mode.

3.3.1 Rotate (8) Brightness Knob to change the value of the mobile APP, the mobile APP channel value is set to channel 1 – 99.

3.3.2 When the mobile APP channel value is set to CH.FF, the Bluetooth function of the panel light is turned off.

3.3.3 Related mobile APP download and instructions, please refer to Mobile APP Operation Instruction.

3.4   Press (7) Option Selector again. DMX flashes on the LCD Display and the light enters the DMX address setting mode.

3.4.1 Rotate (8) Brightness Knob to adjust the DMX address. DMX address can be set to DMX.001 - MX.512.

3.4.2 Connect DMX control device.

3.4.2.1 Plug one end of the data cable into the (13) DMX Input and the other end into the DMX control device (or other lamp's DMX socket controlled by DMX).

3.4.2.2   After connecting the DMX control device, if you need to modify the DMX address, press (7) Option Selector once. DMX flashes on the (4) LCD Display. Follow step 3.4.1 to modify the DMX address, then press (7) Option Selector again to exit DMX address mode.

3.4.2.3   With the DMX address set on the light, the corresponding channel on the DMX control device can now be used to adjust the brightness.

3.4.2.4   With the DMX address set on the light, the second channel after the corresponding channel on the DMX control device can now be used to adjust color temperature. (e.g. DMX address 1. CCT is controlled on channel 2)

3.5   Press (7) Option Selector again to exit the settings mode and enter the default Bi-Color mode.

3.6   The Kala Plus Series will beep when adjustments are made in settings. Press and hold (7) Option Selector for 3 seconds to mute or unmute the notification sound.

3.7   The Kala Plus Series includes a v-mount battery plate that is compatible with most 14.4V v-mount lithium-ion batteries.

3.8   Some models have built-in power supply, which can be used for AC direct power supply. When using DMX control mode, it is recommended to use power adapter (or battery) for power supply. AC direct power supply is prone to high-frequency interference.

3.9   All models are equipped with universal (12) Mounting Yoke and (17) 5/8" Baby Pin Receiver which can be used with a compatible light stand, c-clamp, or other mounting accessory.

3.10   When using battery power, please pay attention to the display of battery power. When the battery power is insufficient, the light will automatically turn off and wait for the battery or power supply to be replaced.

3.11   When used continuously for a long time the light may reach temperatures exceeding of 65°C, if this happens, the light may need to shut down until the unit cools. Some models include built-in overheating protection and automatic power-off protection when temperature remains above 65°C for an extended time period.

4.   Attention
- Please do not expose the light to excessive heat or moisture.
- Please do not immerse the light in water or expose it to rain.
- Never put the light or any battery into fire or excessive heat.
- Remove the battery when not in use for a long time to avoid damage to the product.