



Mover Spot 100

CKU-5050



USER MANUAL

Introduction

Thank you for purchasing the ColorKey Mover Spot 100. Please read these instructions carefully before use. Operating this fixture according to these instructions is important to avoid any possible damage or accidents caused by misuse.

➤ Packing list

- 1x Mover Spot 100
- 1x Power Cord
- 1x Mounting Bracket
- User Manual

Safety

Caution! Opening this unit voids warranty. Contact ColorKey for any service requests.

Warning! To avoid electrical shock, be sure to disconnect power before any service or when moving or setting up the fixture.

Caution! Avoid direct eye exposure with the fixture when on.

- This fixture is for indoor use only.
- This fixture must be installed a minimum distance of 5 meters (16'4") away from any lighted objects.
- Do not install or operate this fixture near flammable materials.
- This device must be installed, operated, and maintained by a qualified professional.
- Do not touch the fixture with bare hands during operation as the surface temperature of the fixture can exceed 60°C (140°F). Turn off power and wait 15 minutes for the fixture to cool before attempting to touch it.
- Please check if the voltage is in accordance with the rated power before installing.
- Do not operate this fixture if the power cord has been damaged. Turn off fixture and replace with a power cord of similar rating.

Display Operation



- MENU: Access the menu/Scroll through menu options
- OK: Open/Select the current menu option
- ENTER: Select the current menu option and return
- UP: Scroll through menu selection or parameter increase
- DOWN: Scroll through menu selection or parameter decrease
- DMX: Lit when receiving DMX signal
- ERR: Lit when error has occurred

Menu Guide

Main Level	Programing Level		Description
Set	Run Mode	DMX	Controlled by DMX Address
		Sound	Selects Sound Active Mode
		Random	Selects Random Movement Mode
		Auto	Selects Auto Program Mode
	DMX Address	1-512	Address for Run Mode DMX
	Channel Mode	14 Ch.	Selects 14 Ch. Mode
	Top Lamp Temp	1-110	Selects Lamp Temp
	Sound Regulator	+/- 6	Adjusts Sensitivity
	Inverted Pan	on/off	Selects Pan Inversion
	Menu	Dimmer	0-255
Shutter/Strobe		Manual Shutter/Strobe Control	
Pan		Manual Pan Control	
Tilt		Manual Tilt Control	
Pan-Tilt Speed		Manual Pan/Tilt Speed	
Color		Manual Color Select	
Gobo 1		Manual Gobo 1 Select	
Gobo 2		Manual Gobo 2 Select	
Gobo 2 Rotate		Manual Gobo 2 Rotate	
Prism		Manual Prism Control	
Focus		Manual Focus Control	
Pan Fine		Manual Fine Pan Control	
Tilt Fine		Manual Fine Tilt Control	
Reset		Manual Reset	
Sys	Dmx Monitor		Displays Channel DMX values
	System Errors		Displays System Errors
Advan	Password Input		For Tech Service Only
EN	Language Select		For English or Chinese
↑180°	Screen Rotation		Rotate Screen for Hanging

DMX Values

14 Channel Mode

Channel	Value	Function	
1	0-255	Dimmer	
2	0-3	On (w Ch. 1 On)	
	4-251	Strobe (Slow to Fast)	
	252-255	Full ON	
3	0-255	Pan	
4	0-255	Tilt	
5	0-255	Pan-Tilt Speed (Slow to Fast)	
6	0-255	Color Selection	
		0-4	White
		5-9	Red
		10-14	Yellow
		15-19	Blue
		20-24	Green
		25-29	Orange
		30-34	Magenta
		35-39	Cyan
		40-44	Red/White
		45-49	Yellow/Red
		50-54	Blue/Yellow
		55-59	Green/Blue
		60-64	Orange/Green
		65-69	Magenta/Orange
		70-74	Cyan/Magenta
		75-79	White/Cyan
	80-255	Rotation CC (Slow to Fast)	
7	0-79	Gobo 1	
		0-9	Open
		10-19	Gobo 1
		20-29	Gobo 2
		30-39	Gobo 3
		40-49	Gobo 4
		50-59	Gobo 5
		60-69	Gobo 6
	70-79	Gobo 7	

	85-255	80-129	Rotate Clockwise (Fast to Slow)
		130-134	Open
		135-220	Rotate CC (Slow to Fast)
	221-255	Gobo Shake (Gobo Selection {Slow to Fast})	
		221-225	Gobo 1
		226-230	Gobo 2
		231-235	Gobo 3
		236-240	Gobo 4
		241-245	Gobo 5
		246-250	Gobo 6
251-255	Gobo 7		
8	0-255	Gobo 2	
		0-9	Open
		10-19	Gobo 1
		20-29	Gobo 2
		30-39	Gobo 3
		40-49	Gobo 4
		50-59	Gobo 5
		60-69	Gobo 6
		70-79	Open
		80-129	Rotate Clockwise (Fast to Slow)
		130-134	Open
	226-230	Gobo Shake Slow to Fast	
231-255	Unknown		
9	0-255	Gobo Rotate	
		0-63	Position
		64-127	Clockwise (Slow to Fast)
		128-190	Clockwise (Fast to Slow)
		191-192	Stop
	193-255	CC (Slow to Fast)	
10	0-9	No Prism	
	10-14	Prism Active	
	15-255	Rotate (Slow to Fast)	
11	0-255	Focus	
12	0-255	Pan Fine	
13	0-255	Tilt Fine	
14	0-249	No Function	
	250-255	Reset (Hold 5 Seconds)	

Master/Slave Mode Operation

Master/Slave

Master/Slave mode allows you to connect multiple units together using one (1) unit to control others in a chain. When a fixture is set to 'Master Mode,' this unit will always act as a controlling unit until it is switched out of 'Master Mode'. The Master unit will send out signal via DMX to Slave units which will react in synchronization. When a fixture is set into 'Slave Mode', this fixture will receive the Master signal. To avoid master signal and DMX signal interference, do not connect DMX when using Master/Slave mode. If using a DMX run longer than 60 meters and/or over 32 units, a signal amplifier may be required.

Troubleshooting

Problem	Solutions
No DMX control	<ul style="list-style-type: none">◆ Make sure that the DMX cable is properly connected◆ Make sure that the DMX controller is operational◆ Check the DMX cable for tears or breaks◆ Make sure that the fixture is in DMX mode
Fixture does not respond to sound	<ul style="list-style-type: none">◆ Make sure that the fixture is in Sound Active mode.

Technical Information

Power Supply: AC100-240V; 50-60Hz

Power Consumption: 120W

Power Connection: PowerCon In/Out

LED: 1 x 80W LED

LED Type: White

Color Wheel: 7 colors plus open, Continuous scroll at variable speeds + Split Colors

Gobo Wheel 1: Metal - 7 static gobos plus open and 6 rotating gobos plus open

Gobo Wheel 2: Glass - 6 rotating gobos plus open

Beam Angle: 10°

Pan: 540°

Tilt: 270°

Focus: Motorized

Prism: 3-facet (rotating)

DMX Mode: 14 channels

DMX: 3-pin XLR In/Out

Display: Color LCD screen

Height: 16.65"

Width: 12.68"

Notice to consumer: ColorKey offers a 2-year limited warranty. Please visit our website at www.ColorKeyLED.com to register your product.

Please note: As we continue to work towards improving our products and your experience as a user, we recommend that you check our website periodically for updates to user manuals and specifications at www.ColorKeyLED.com or you may contact us directly at info@colorkeyled.com.

