ColorKey
creative lighting

Mover Halo Spot

CKU01-5036

USER MANUAL

Introduction

Thank you for purchasing the ColorKey Mover Halo Spot. 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 Halo Spot moving head fixture
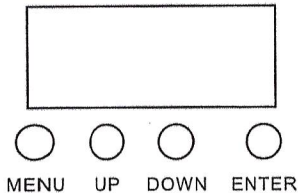- 1x Bracket
- 1x Power cord
- User Manual

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  UP  DOWN  ENTER
```

- MENU: Access the menu/Scroll through menu options
- ENTER: Open/Select the current menu option
- UP: Scroll through menu selection or parameter increase
- DOWN: Scroll through menu selection or parameters decrease

Menu Guide

Addr	A001-A512	DMX512 addressing
CHnd	12CH	12 channel setting
	10CH	10 channel setting
SLnd	AUTO	Auto mode
	SL 1	Console mode
	SL 2	Slave mode
SHnd	SH 0	Effect 0 (recommended)
	SH 1	Effect 1
	SH 2	Effect 2
	SH 3	Effect 3
Soud	on	On (Sound active)
	oFF	Off (Sound active)
SEnS	0-99	Sensibility adjustment (Sound active)
bLnd	bLAc	No signal (0)
	Auto	No signal (auto)
	Soun	No signal (sound active)
	HoLd	No signal (hold on to the latest station via console)
LEd	OFF	Black off (5 seconds later)
	ON	Led dispaly keeps on all the time
dISP	no	Play backwarder (led display)
	YES	Play forwarder (led display)
rPAN	no	Forwarder rotation (PAN)
	YES	Backwarder rotation (PAN)
rTiL	no	Forwarder rotation (TILT)
	YES	Backwarder rotation (TILT)
REST	YES	Systerm reset

DMX Values

10channel mode

Channel	Value	Function
1	0-255	Rotation (PAN)
2	0-255	Rotation (TILT)
3	0-139	Color selection
	140-255	Color changing (slow to fast)
4	0-63	Static gobo
	64-127	Gobo shaking
	128-255	Gobo changing (slow to fast)
5	0-255	Strobe
6	0-255	Dimmer
7	0-255	Speed (motor)

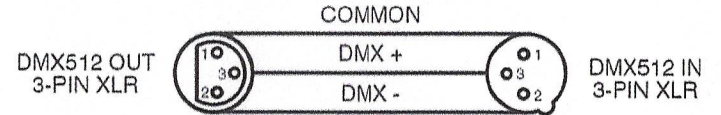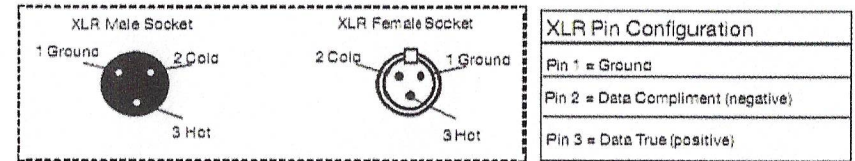| 8 | 0-255 | Auto mode (up adjustment: forward rotation;Down adjustment: backward rotation) |
9	250-255	Reset
10	5-109	Color selection (led strip)
	110-255	Auto mode (led strip)

12channel mode

Channel	Value	Function
1	0-255	PAN rotation
2	0-255	Fine tunning (PAN)
3	0-255	TILT rotation
4	0-255	Fine tunning (TILT)
5	0-139	Color selection
	140-255	Color changing(slow to fast)
6	0-63	Static gobo
	64-127	Gobo shake
	128-255	Gobo changing (slow to fast)
7	0-255	strobe
8	0-255	dimmer
9	0-255	Speed (motor; fast to slow)
10	0-59	Other channel functions
	60-84	Auto 3
	85-109	Auto 2
	110-134	Auto 1
	135-159	Auto 0
	160-184	Sound active 3
	185-209	Sound active 2
	210-234	Sound active 1
	235-255	Sound active 0
11	1-249	PAN/TILT
	250-255	Reset (5 seconds)
12	5-109	Color selection (led strip)
	110-255	Auto mode(led strip)

DMX Connections

◔ DMX Cable：

This fixture can be controlled via DMX using a 3-pin XLR connection. The standard DMX connection is XLR is: one end connects to the male plug, and the other connects to the female. As below: pin 1: ground, pin 2: negative signal, pin 3: positive signal

XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Data Compliment (negative)
Pin 3 = Data True (positive)

Noted : In order to avoid failures and interference signal transmission , we

connect a resistance120Ω (1/4W) at the end of the DMX connecting as below:

Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

◔ The Conversion between 3 pin and 5 pin XLR
If the output cable of DMX512 controller is the 5PIN, please use 1pc 5PIN to 3PIN cable

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

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	► 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	► Make sure that the fixture is in Sound Active mode.

Technical Information

Beam: 40W white LED

Ring: 12x 5050 RGB 3-in-1 SMD LEDs

Independent DMX control of beam and ring effects

Built-in auto/sound active programs

Digital dimmer and strobe

Pan: 540°

Tilt: 270°

Pan/tilt invert

Gobo wheel: 7 gobos + open

Color wheel: 7 colors + open

10/12 channel DMX modes

Power consumption: 70W

Working Environment: Indoor, -4°F to 104°F (-20°C to 40°C)

IP Grade: IP20

Power Supply: AC 100-240V/50-60Hz

3-pin DMX connections

IEC power connection

Size: 11.4"x8.25"x8.25" (29x21x21 cm)

Weight: 6.6 Lbs. (3kg)

Notice to consumer: ColorKey offers a 1-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.