



**ColorKey**  
creative lighting

# Mover Halo Beam QUAD

CKU01-5035



## USER MANUAL

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# Introduction

Thank you for purchasing the ColorKey Mover Mini Superbeam QUAD 4. 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 Beam QUAD 4 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.

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# Display Operation



- 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 address
Chnd	16CH	16channel setting
	30CH	30channel setting
SLnd	nAST	Master mode/Slave mode
	SL 1	
	SL 2	
	d512	
SHnd	SH 1	Sound Active Modes
	SH 2	
	SH 3	
	SH 4	
Auto	Aut 1-Aut 4	Auto effect selection
	SP1-SP9	Speed selection (auto mode)
SEnS	0-100	Sensitivity adjustment (Sound active)
LEd	OFF	Display turns off after 5 seconds
	ON	Display stays on
dISP	no	Display Up
	YES	Display Down
PAN	no	Forward rotation (PAN)
	YES	Backward rotation (PAN)
TiL	no	Forward rotation (TILT)
	YES	Backward rotation (TILT)
uEr	u10	Software version
REST	YES	System reset

# DMX Values

## 16 Channel Mode

Channel	Value	Function
1	0-255	Pan (Coarse)
2	0-255	Pan (Fine)
3	0-255	Tilt (Coarse)
4	0-255	Tilt (Fine)
5	0-255	Rotation Speed
6	0-255	Dimmer
7	0-8	----
	9-250	Strobe (Beam)
	251-255	Open
8	0-255	Red dimming
9	0-255	Green dimming
10	0-255	Blue dimming
11	0-255	White dimming
12	0-8	----
	9-250	Strobe (Ring)
	251-255	Open
13	0-10	Ring Chase Color Auto
	11-44	Ring Chase Color Green
	45-80	Ring Chase Color Blue
	81-114	Ring Chase Color Red
	115-149	Ring Chase Color Cyan
	150-184	Ring Chase Color Yellow
	185-220	Ring Chase Color Pink
	221-254	Ring Chase Color White
	255	Ring Chase Color Blue
14	0-127	Ring Chase Off
	128-143	Ring Chase 1
	144-151	Ring Chase 2
	152-159	Ring Chase 3
	160-191	Ring Chase 4
	192-199	Ring Chase 5
	200-207	Ring Chase 6
	208-215	Ring Chase 7
	216-223	Ring Chase 8
	224-231	Ring Chase 9
	232-239	Ring Chase 10
	240-247	Ring Chase 11

	248-255	Ring Chase 12		
15	Chase Off (ch14 0-127)		Chase On (ch14 128-255)	
	0-10	Ring Off	0-255	Chase Speed (slow to fast)
	11-44	Ring Red		
	45-80	Ring Green		
	81-114	Ring Blue		
	115-149	Ring Yellow		
	150-184	Ring Pink		
	185-220	Ring Cyan		
221-255	Ring White			
16	0-199	No function		
	200-209	reset		
	210-239	No function		
	240-255	Sound active mode		

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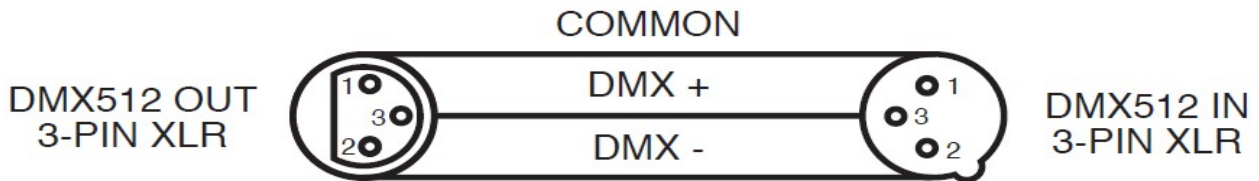
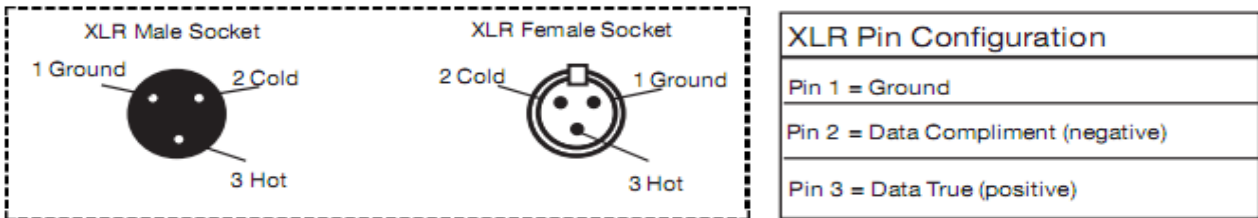
**30 Channel Mode**

Channel	DMX volume	Function
1	0-255	Pan (Coarse)
2	0-255	Pan (Fine)
3	0-255	Tilt (Coarse)
4	0-255	Tilt (Fine)
5	0-255	Rotation Speed
6	0-255	Dimmer
7	0-8	----
	9-255	Strobe (Beam)
8	0-255	Red dimming
9	0-255	Green dimming
10	0-255	Blue dimming
11	0-255	White dimming
12	0-255	Ring R1 dimming
13	0-255	Ring G1 dimming
14	0-255	Ring B1 dimming
15	0-255	Ring R2 dimming
16	0-255	Ring G2 dimming
17	0-255	Ring B2 dimming
18	0-255	Ring R3 dimming
19	0-255	Ring G3 dimming
20	0-255	Ring B3 dimming
21	0-255	Ring R4 dimming
22	0-255	Ring G4 dimming
23	0-255	Ring B4 dimming
24	0-255	Ring R5 dimming
25	0-255	Ring G5 dimming
26	0-255	Ring B5 dimming
27	0-255	Ring R6 dimming
28	0-255	Ring G6 dimming
29	0-255	Ring B6 dimming
30	0-199	----
	200-209	Reset
	210-239	----
	240-255	Sound Active mode

# 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



Noted: In order to avoid failures and interference signal transmission, we connect a resistance 120Ω (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



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# 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"><li>◆ Make sure that the DMX cable is properly connected</li><li>◆ Make sure that the DMX controller is operational</li><li>◆ Check the DMX cable for tears or breaks</li><li>◆ Make sure that the fixture is in DMX mode</li></ul>
Fixture does not respond to sound	<ul style="list-style-type: none"><li>◆ Make sure that the fixture is in Sound Active mode.</li></ul>

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# Technical Information

Beam: 40W RGBW 4-in-1 LED

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

Independent DMX control of beam and ring effects

Beam angle: 8°

Built-in auto/sound active programs

Digital dimmer and strobe

Pan: 540°

Tilt: 270°

Pan/tilt invert

16/30 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](http://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](http://www.ColorKeyLED.com) or you may contact us directly at [info@colorkeyled.com](mailto:info@colorkeyled.com).