

StageBar HEX 12

CKU-3050

USER MANUAL

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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.

Introduction

Package Contents

- StageBar HEX 12
- PowerCon Locking Power Cable
- IR Remote
- 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.
- 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.

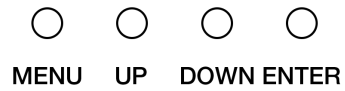
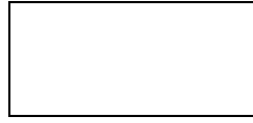
Service & Support

Your ColorKey product includes a 2-year warranty. For technical support or to register your product, please visit <https://www.colorkeyled.com/support/>

You can also reach us by phone Monday thru Friday, 8:30am – 5pm PST at (818) 578-4030.



Display Operation



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

Menu Guide

Menu Item	Values	Function
A001	001-512	DMX Address Setting
06CH	6 / 8 / 11 / 72	Channel Select
CC50	00-99	Color Jump Mode
Ed50	00-99	Color Pulse Mode
Er50	00-99	Colors Run Mode 1
Po50	00-99	Colors Run Mode 2
Tr50	00-21	Pixel Colors Mode
Tu50	00-99	Pixel Colors Mode speed
BE50	00-99	Sound to Dimmer Mode
R255	000-255	Red Color dimming
G255	000-255	Green Color dimming
B255	000-255	Blue Color dimming
W255	000-255	White Color dimming
Y255	000-255	Amber Color dimming
P255	000-255	UV Color dimming
ST00	000-255	Strobe Speed (slow to fast)

DMX Values

6 channels mode

Channel	Value	Function
1	0-255	Red dimming (from dark to bright)
2	0-255	Green dimming (from dark to bright)
3	0-255	Blue dimming (from dark to bright)
4	0-255	White dimming (from dark to bright)
5	0-255	Amber dimming (from dark to bright)
6	0-255	UV dimming (from dark to bright)

8 channels mode

Channel	Value	Function
1	0-255	Master Dimmer RGBWA+UV(from dark to bright)
2	0-255	Strobe (from slow to fast)
3	0-255	Red dimming (from dark to bright)
4	0-255	Green dimming (from dark to bright)
5	0-255	Blue dimming (from dark to bright)
6	0-255	White dimming (from dark to bright)
7	0-255	Amber dimming (from dark to bright)
8	0-255	UV dimming (from dark to bright)

11 channels mode

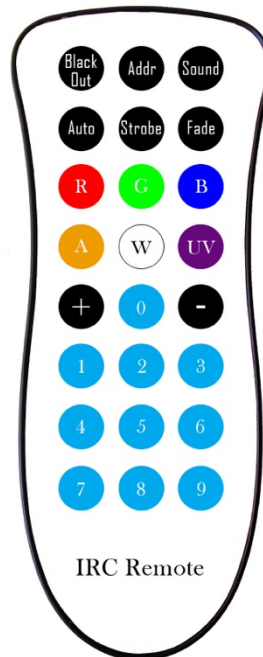
Channel	Value	Function
1	0-255	Dimming
2	0-255	Strobe
3	0-25	Dimming
	26-35	No function
	36-45	Color jump
	46-55	Gradient color change
	56-65	Color select (controlled by ch. 1)
	66-75	Color jump (controlled by ch. 1)
	76-85	Pulse/gradient color change (controlled by ch. 1)
	86-95	Show 1 w gradient color change
	96-105	Show 2 w gradient color change
	...	
	146-155	Show7 w gradient color change
	156-165	Show 8 (controlled by ch. 1)
	166-175	Show 9 (controlled by ch. 1)
	...	
	236-245	Show 15 (controlled by ch. 1)
246-255	Sound Active (controlled by ch. 1)	
4	0-30	Dimming
	31-45	Show 1 (controlled by ch. 1)
	46-60	Show 2 (controlled by ch. 1)
	...	
	240-255	Show 15 (controlled by ch. 1)
	Direction of LED running (0-127, toward left ,128-255, toward right)	
5	0-255	Speed control from slow to fast
6	0-255	Red dimming (from dark to bright)
7	0-255	Green dimming (from dark to bright)
8	0-255	Blue dimming (from dark to bright)
9	0-255	White dimming (from dark to bright)
10	0-255	Amber dimming (from dark to bright)
11	0-255	UV dimming (from dark to bright)

72 channels mode

Channel	Value	Function
1	0-255	Red1 dimming (from dark to bright)
2	0-255	Green1 dimming (from dark to bright)
3	0-255	Blue1 dimming (from dark to bright)
4	0-255	White1 dimming (from dark to bright)
5	0-255	Amber1 dimming (from dark to bright)
6	0-255	UV1 dimming (from dark to bright)
7	0-255	Red2 dimming (from dark to bright)
8	0-255	Green2 dimming (from dark to bright)
9	0-255	Blue2 dimming (from dark to bright)
...
70	0-255	White12 dimming (from dark to bright)
71	0-255	Amber12 dimming (from dark to bright)
72	0-255	UV12 dimming (from dark to bright)

Infrared Remote (IR) Control

To use the IR remote, simply point the remote at the IR receiver on the lighting fixture. The IR receiver on the StageBar HEX 12 is located front panel with the LED lenses.



Black Out

Black Out mode instantly turns all LED's off.

Press the **Black Out** button to engage or disengage Black Out mode.

Addr

Address mode enables you to set the DMX Address of the fixture.

To set up a new DMX address, Press the **Addr** button, then press **(+)** or **(-)** to increase or decrease the DMX Address Value.

Sound

Sound-Active mode enables the light to respond to ambient sounds in the room using the fixture's built-in microphone.

Press the **Sound** button to activate Sound-Active mode. Press **(+)** or **(-)** to increase or decrease sound sensitivity based on the playback level of the music.

Auto

In Auto mode, the light loops through various preprogrammed colors.

To turn on Auto mode, press the **Auto** button, then press (+) or (-) to increase or decrease the speed of the program.

Strobe

In Strobe mode, the light will flash at the desired rate.

To turn on Strobe mode, press the **Strobe** button, then press (+) or (-) to increase or decrease the strobing rate. You can change the color using manual color mixing (more below).

Fade

In Fade Mode, the light creates smooth, gradual color transitions.

To turn on Fade mode, press the **Fade** button, then press (+) or (-) to increase or decrease the speed of the program.

Manual Color Mixing

To begin mixing colors, press the Red (**R**), Green (**G**), Blue (**B**), or White (**W**) button, then press (+) or (-) to increase or decrease the brightness of each color. Continue with the next color until you achieve your desired color.

Color Presets

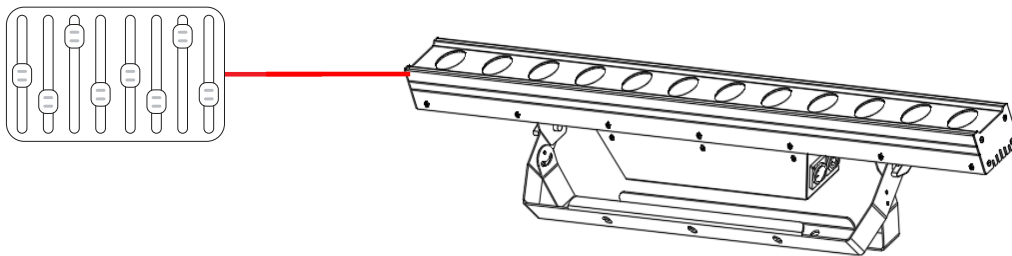
10 preset colors can be accessed from the IR Remote. Press any number between (0) and (9) to set a color.

- 0 - Red
- 1 - Green
- 2 - Blue
- 3 - Amber
- 4 - White
- 5 - UV
- 6 - Yellow
- 7 - Magenta
- 8 - Red/Orange
- 9 - Pink

Setup & Connections

① Wired DMX Cable Connections

Use a DMX to cable to connect to the in/out sockets on the bottom of the light for use with a cabled connection for DMX 512 control.



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

- 12x10W RGBWA+UV 6-in1 LEDS
- DMX Channel Modes: 6 / 8 / 11 / 72 channels
- Control modes: DMX 512, Master /Slave, IR Remote, Sound to Dimmer, Stand Alone
- 0-100% Dimmer
- Lamp rated life: >50000 Hours
- Working temperature: up to 40°C
- Power connection: PowerCon In / Out
- Power consumption: 130W
- Power link:110v, max 25 units, @220v, max 50 units
- Power supply: AC110-240V;50-60Hz

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.