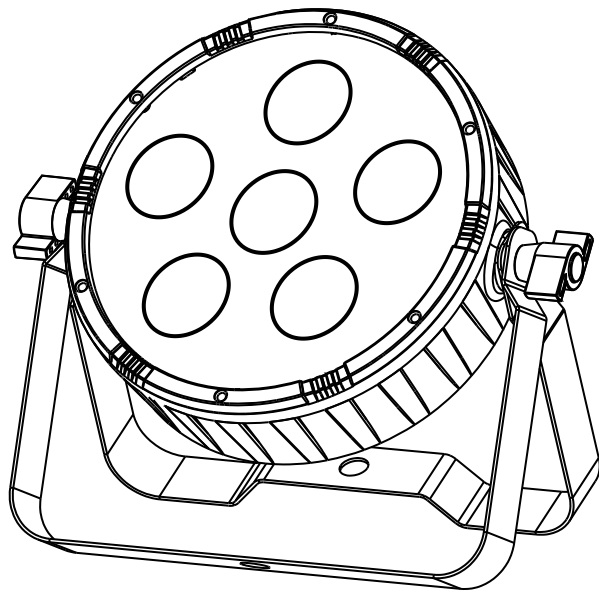




**ColorKey**  
creative lighting



**VividPar HEX 6**  
RGBAW+UV Wash Light  
CKU-2250

**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

- VividPar HEX 6
- Power Cable
- IR Remote
- Brackets
- User Manual

**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.
- 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.

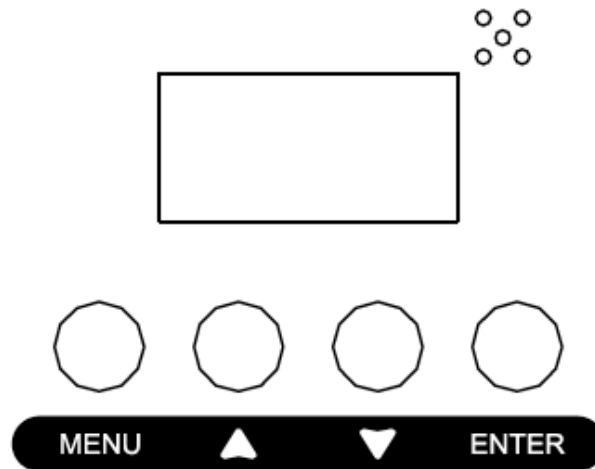
# Service & Support

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 (\*Hold Menu for two seconds exit menu and return to your chosen program)
- 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
Addr	001-512	DMX Address setting
ChNd	6ch / 10ch	Channel selection mode
SLNd	NASt / SL1 / SL2 / SL3 / SL4	Master / Slave mode 1 / Slave mode 2 / Slave mode 3 / Slave mode 4 (see pg 9 &10)
ShNd	CoLo Auto SoUn FADE	Performance modes – Static color select, Auto color scroll, Color fades, Sound active
Led	On / Off	Turn LED display on or off during use
diSP	disp	Flip LED display direction
bALA	rEd, GrEE, bLuE	Manual white balance adjustment. Add or decrease red, green, and blue values to create desired White Balance
NAnu	rEd GrEE bLuE Uhbe Anbe uU	Manual Mode – Create color displays by increasing or decreasing the values for each colors LED value parameter from 0-255. *Example – for only Red, rEd will be 255, all other colors 0.
teSt	Test	Auto-test – the light will automatically engage color LEDs to test.
FhrS	0-9999	Displays lifetime fixture use hours
rF	Yes / No	IR Remote sensor on (Yes) / off (No)
teNP	Temperature	Displays temperature

# DMX Values

## 6 Channels Mode

Channel	Value	Function
1	0-255	Red
2	0-255	Green
3	0-255	Blue
4	0-255	White
5	0-255	Amber
6	0-255	UV

## 10 Channels Mode

CH	Value	Function
1	0-255	Red
2	0-255	Green
3	0-255	Blue
4	0-255	Amber
5	0-255	White
6	0-255	UV
7	0-255	Master Dimmer
8	3-255	Strobe
9	8-255	Auto color scroll
10	008-199	Color auto scroll speed
	200-255	Sound control

# IR Remote Overview

To use the IR remote, simply point the remote at the IR receiver on the lighting fixture. The IR receiver on the VividPar HEX 6 is located on the face 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.

## 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.

## 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.

## **Strobe**

In Strobe mode, the light will strobe while the button is pressed.

To turn on Strobe mode, press and hold the **Strobe** button, this mode can be engaged while running other programs for added effect. When **Strobe** is released, the light will continue previous operating program.

## **Manual Color Mixing**

VividPar can create an almost unlimited number of colors by mixing the Red, Green, Blue, Amber, UV and White LEDs.

To begin mixing colors, press the Red (**R**), Green (**G**), Blue (**B**), Amber (**A**), UV (**UV**), 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.

## **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.

## **Color Presets**

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

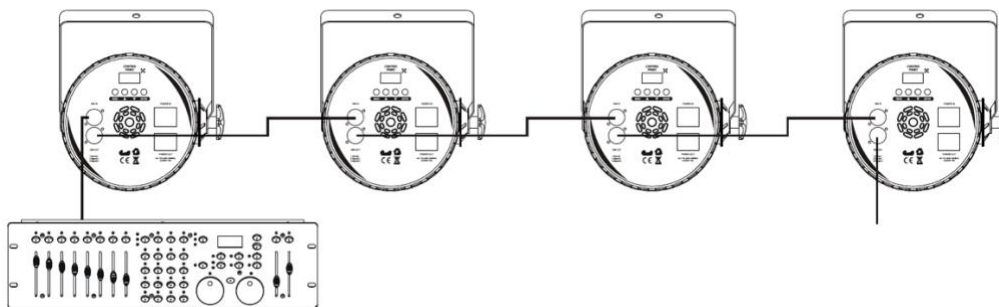
- 0 - White
- 1 - Red
- 2 - Magenta
- 3 - Yellow
- 4 - Green
- 5 - Blue
- 6 - UV
- 7 - Purple
- 8 - Pink
- 9 - Orange



# Operation

## Using a DMX controller:

- Use a DMX cable to connect your VividPar HEX 6 to the DMX in/out sockets on the bottom of the light.



## Using Master/Slave Mode:

The Master/Slave mode allows a group of VividPar HEX 6 units (the slaves) to duplicate the output of another VividPar HEX 6 (the master) without a DMX controller.

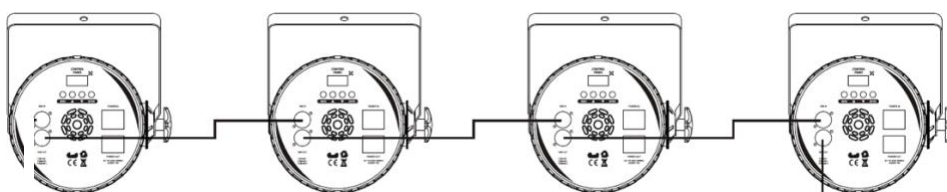
### 1. Set each of the slaves:

- Go to SLNd in the main menu and press enter.
- Select SL1.

### 2. Set the master:

- Go to SLNd in the main menu and press enter.
- Select NAsT.

- The master (NAsT) is the unit that runs your program whether in one of the static color modes or various Auto programs.



## Using Slave modes (SL1,SL2,SL3,SL4) to create a light show

Using 5 or more lights for best effect, VividPar HEX 6 can help create auto-light shows by setting lights in order from Master, SL1, SL2, SL3, SL4 and engaging Auto Programs on the Master fixture.

1. Set each of the desired slaves SL1, SL2, SL3, SL4:

- Go to SLN<sub>d</sub> in the main menu and press enter.
- Select SL1.
- Repeat steps for each slave fixture SL2, SL3, and SL4

2. Set the master:

- Go to SLN<sub>d</sub> in the main menu and press enter.
  - Select NAs<sub>t</sub>.
- For best effect, have lights connected in sequence from Master, to SL1, to SL2, to SL3, to SL4.
  - Accessing the (ShN<sub>d</sub>) programs on the Master light will now create varying displays of synchronized light on the master and slave fixtures through (Auto) and (SoUn) functions.

## Troubleshooting

Problems	Solutions
No DMX Control	Ensure your DMX controller is sending signal and you are using a proper and working DMX cable.
No response with IR Remote	Engage and disengage Blackout as it may be active and keeping the light dark
No response with IR Remote	Ensure IR remote is enabled in Menu (rF) setting to <b>YES</b>

## Technical Information

- 6x12W RGBAW+UV LED Wash Light
- DMX Channel Modes: 6 / 10 channels
- Control modes: DMX 512, Master /Slave, IR Remote, Sound
- Power consumption: 80W
- Power supply: AC100-240V; 50-60Hz
- Weight: 4.4lb
- Measurements: 10.25in. x 3.14in. x 9.25in.

**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).