MobilePar

HEX 5



CKU- 6030

USER MANUAL

ColorKey creative lighting

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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

- MobilePar HEX 5
- Power Adapter
- RF Remote
- Split Yoke Mounting Bracket
- EZMag™ Mounting Magnet
- QR 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.

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.



Mounting

Orientation
MobilePar HEX 5 may be mounted in any position; however, make sure there is adequate ventilation around the product.

Rigging

- Before deciding on a location, make sure there is easy access to the product for maintenance and programming.
- Make sure adequate ventilation is provided around the product.
- Make sure that the structure or surface onto which you are mounting the product can support the products weight.
- When mounting the product overhead, always use a safety cable (not included).
- Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of the appropriate weight capacity.

EZMag™

When using EZMag™ magnetic mount to secure the MobilePar HEX 5 to metal surfaces, follow these precautions:

- **Check Magnetic Strength**: Confirm the magnetic force is strong enough to hold the weight of the fixture securely.

- **Ensure a Clean Surface**: The metal surface must be smooth, clean, and free from debris to allow the magnet to adhere properly.

- **Caution Overhead Use**: Do not rely solely on magnets for overhead rigging; it may be necessary to use a safety cable in certain cases (not included). User discretion is advised.

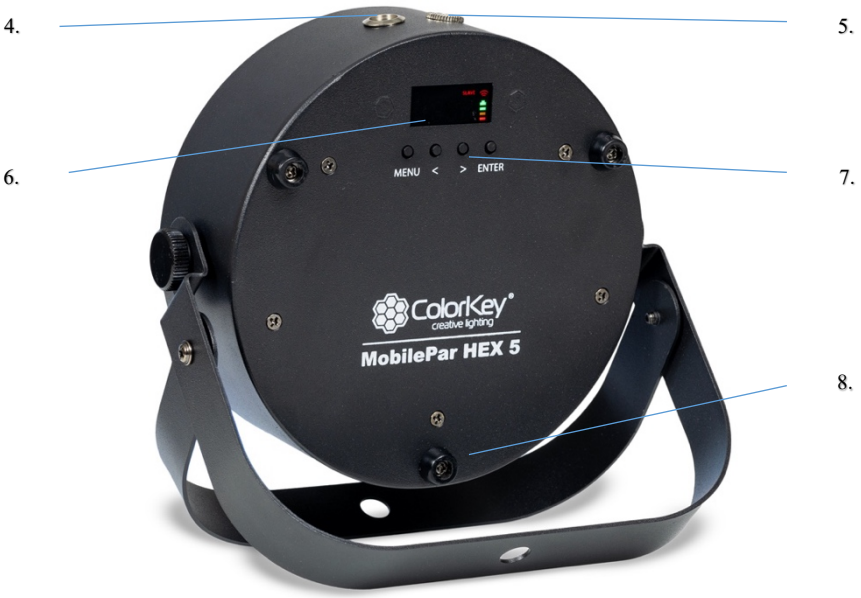
- **Horizontal Mounting Only**: Hang only on a horizontal surface. It is not advised to mount the light on a vertical surface using the EZMag™.

Product Overview

Front

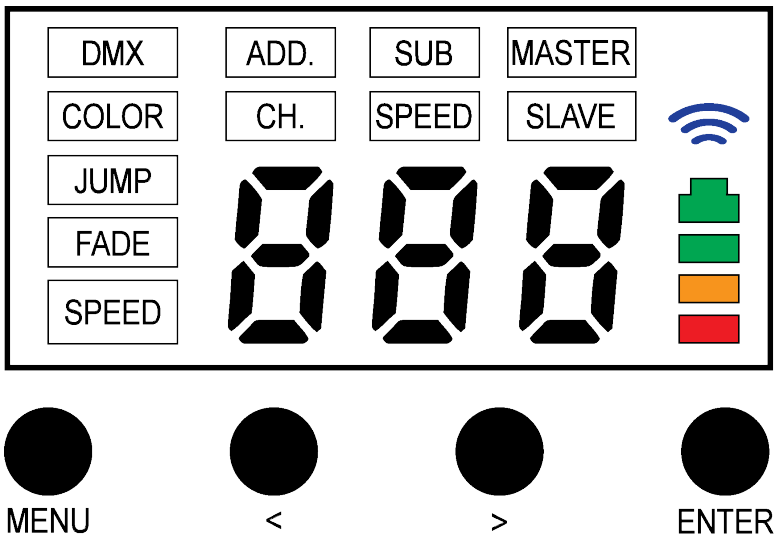


Back



1. LED Light Face
2. Bracket Tightening Knob
3. Split Yoke Mounting Bracket
4. Power On / Off Switch
5. Power Input
6. Menu Display
7. Menu Controls
8. Floor Mount

Display Operation



Menu:	Access the menu/Scroll through menu options
< :	Scroll through menu selection or increase parameters
> :	Scroll through menu selection or decrease parameters
Enter:	Open/Select the current menu option

Menu Guide

Mode	Display	Function
RF Remote	**rF**	Press “ENTER” to cycle from “MASTER” to “SLAVE”. “SLAVE” allows for control by RF remote. "MASTER" mode saves the last state received from the RF remote, disconnects the remote, and broadcasts that state to all other lights in the setup.
Manual Color Settings	**COL** R00-R99; G00-G99; B00-B99; W00-W99; Y00-Y99; P00-P99	“ENTER” to select the color to change. Use (< or >) to adjust brightness for each value to create an exact color profile.
Wireless Group ID	OFF/01/02/03/04/05/06/07; Red, Green, Blue, White, Yellow, Magenta; Cyan	2.4G wireless DMX settings. Use (< or >) to change the Group ID from 01-07 or OFF
Master Fixture Set	**MASTER** On/Off	Use (< or >) to turn on or turn off. While “On”, the fixtures sends wireless control signal
DMX Mode or Slave Mode	**DMX ADD.** 001-512	Use (< or >) to adjust the DMX address
	DMX CH. 06/10	Use (< or >) to adjust DMX Channel Mode for 6 channel or 10 channel.
Color Select	**Color SUB** 01-48	Use (< or >) to manually select a color
	Color SPEED 00-09	Use (< or >) to adjust the strobe speed. ”00” is no strobe.
Color Jump	**JUMP SPEED** 01-09	Use (< or >) to adjust the Jump speed
Fade Mode	**FADE SUB** 01-02	“01”:fade, “02”:pulse
	FADE SPEED 01-09	Use (< or >) to adjust the fade speed
Sound Active Mode	🎵 **SUB** 01-04	Four sound active modes are available. The light will follow the rhythm of the music. Mode1: Color Jump; Mode 2: Fade off; Mode 3: Normal color strobe; 4: Light color strobe
	🎵 **SPEED** 01-09	Use (< or >) to adjust the microphone sensitivity
APP	**APP**	APP mode. While using your mobile phone. Press ”ENTER” to see Wi-Fi ID “LED-XXX”

DMX Values

6CH DMX values

CH 1	0-255	Red (0-100%)
CH 2	0-255	Green (0-100%)
CH 3	0-255	Blue (0-100%)
CH 4	0-255	White (0-100%)
CH 5	0-255	Amber (0-100%)
CH 6	0-255	UV (0-100%)

10CH DMX values

CH 1	0-255	Master Dimmer (0-100%)
CH 2	0-255	Red (0-100%)
CH 3	0-255	Green (0-100%)
CH 4	0-255	Blue (0-100%)
CH 5	0-255	White (0-100%)
CH 6	0-255	Amber (0-100%)
CH 7	0-255	UV (0-100%)
CH 8	0-9	Open (NA)
	10-255	Strobe (Slow to Fast)
CH 9	0-39	NA
	40-79	Auto Program: Jump
	80-119	Auto Program: Fade
	120-159	Auto Program: Pulse
	160-189	Sound Active: Jump
	190-219	Sound Active: Pulse
	220-255	Sound Active: Color Strobe
CH 10	0-255	Auto Program speed (Slow – Fast)

Wireless Connections

Your MobilePar HEX 5 unit can connect wirelessly to other units using specific 2.4G wireless DMX frequencies referred to as Group IDs 01-07. Your fixture can act as a Master controller, or it can be controlled as a Slave fixture, additionally it an be controlled by an external Wireless DMX controller. To do so, follow the instructions outlined on the following pages.

Group ID Overview:

01	Red, Group ID 01
02	Green, Group ID 02
03	Yellow, Group ID 03
04	Blue, Group ID 04
05	Magenta, Group ID 05
06	Cyan, Group ID 06
07	White, Group ID 07
Off	No Group ID Active

Master / Slave Settings

Master Fixture:

To set a Master fixture, do the following:

1. Press (Menu) repeatedly to cycle to Group ID (01-07) settings
2. Use (<) or (>) to select a Group ID 01-07
3. Press (Menu) to cycle to Master setting
4. Use (<) or (>) to set Master (on)
5. Once Master is determined, navigate to: (Color, Jump, Fade, 🎵, App)

Slave Fixture:

To set your units as Slave you wish to control from the Master or controller, do the following:

1. Press (Menu) repeatedly to cycle to Group ID (01-07) settings
2. Use (<) or (>) to select same ID as Master Group ID 01-07
3. Press (Menu) to cycle to **DMX**
4. Use (<) or (>) to set DMX to address 001.
5. The wireless symbol will blink when connected

Stand Alone Control Settings

To use your MobilePar HEX 5 without a DMX Controller, use one of the various standalone modes below on your Master fixture.

Static Color Programs

To run the MobilePar HEX 5 in a Static color, do the following:

1. Press (Menu) repeatedly to cycle to COLOR SUB
2. Use (<) or (>) to select color 01-48

Static Color Strobe Speed

To adjust the strobe rate, do the following:

1. Press (Menu) repeatedly to cycle to COLOR SUB
2. Use (<) or (>) to select color 01- 48
3. Press (Enter) to cycle program to SPEED
4. Use (<) or (>) to cycle speed 00-09 (00 is open; 01-09 Slow to Fast)

Automatic Program (JUMP)

To run the MobilePar HEX 5 in Automatic Modes, follow the instructions below:

1. Press (Menu) repeatedly to cycle to JUMP SPEED
2. Use (<) or (>) to select Jump Speed (01-09 Slow to Fast)

Automatic Program (FADE)

To run the MobilePar HEX 5 in Automatic Modes, follow the instructions below:

1. Press (Menu) repeatedly to cycle to FADE SUB
2. Use (<) or (>) to select program 01-02

Automatic Program FADE Speed

To adjust the program speed rate, do the following:

1. Press (Menu) repeatedly to cycle to Fade
2. Use (<) or (>) to select desired program 01-02
3. Press (Enter) to cycle program to Speed
4. Use (<) or (>) to cycle Speed 01-09 (01-09 Slow to Fast)

Sound Active Mode

To run the MobilePar HEX 5 in Sound-Active mode, do the following:

1. Press (Menu) repeatedly to cycle to 🎵 SUB
2. Use (<) or (>) to select desired program

Sound Sensitivity

To set the Sound Active sensitivity on the MobilePar HEX 5, follow the instructions below:

1. Press (Menu) repeatedly to cycle to 🎵 SUB
2. Use (<) or (>) to select desired program
3. Press (Enter) to cycle to 🎵 SPEED
4. Use (<) or (>) to adjust microphone sensitivity from Se1-Se9 (low to high)
5. Press (Enter)

DMX Control

Connecting to a wireless DMX transmitter:

To connect to a wireless DMX controller or other Group ID for control, do the following:

1. Turn on your wireless DMX transmitter
2. Turn on your MobilePar HEX 5
3. Press (Menu) repeatedly to cycle to Wireless DMX (01-07) setting
4. Use (<) or (>) to select wireless 01-07; (off) is also a setting for no Wireless DMX
5. Press (Menu) to cycle to Master setting
6. Use (<) or (>) to set Master (off)
7. Press (Menu) to cycle to DMX.
    a. The DMX address can now be set as needed for programing.
8. Use (<) or (>) to select (Addr)
9. Press (Enter)
10. Use (<) or (>) to select operating Channel Mode, (6ch, 10Ch)
11. Press (Enter)
12. Use (<) or (>) to set DMX Address (d001-d512)
13. Press (Enter)
14. Wi-Fi symbol will blink when connected

Wireless App Connections

Your MobilePar HEX 5 unit can connect wirelessly to the DJ Link Light iOS App. Please follow the instructions below for making the connection:

Connecting to the Wireless App

To connect iOS device with MobilePar HEX 5, follow the instructions below:

1. Download DJ Link Light App from iOS App store HERE
2. Turn on MobilePar HEX 5
3. Press (Menu) repeatedly to cycle to APP
4. Press (Enter) to see wireless network name
5. On iOS mobile devise go to Settings > Wi-Fi
6. Upon first setup; Select wireless signal from Other Networks:
    a. LED-XXX
7. Open DJ Link Light App on iOS to begin controlling your lights

Controlling Multiple Lights with Wireless App

To control MobilePar HEX 5 fixtures with app, follow the instructions below:

1. Identify one fixture to be Master Fixture
    a. Follow steps above for connecting to Wireless App
2. Set remaining fixtures to same Group ID as Master Fixture
3. Press (Menu) repeatedly to cycle to DMX 001

RF Remote Overview

Using RF Remote

To use RF Remote on the MobilePar HEX 5, follow the instructions below:

1. Turn on MobilePar HEX 5
2. Press (Menu) repeatedly to cycle to (rF)
    a. Press Enter to cycle to Slave

COLOR WHEEL

1. Cycle **COLOR WHEEL** to select desired color

ON

1. Press **ON** to turn all lights on from **BLACKOUT**

OFF (BLACKOUT)

1. Press **OFF** to clear the existing program mode- all lights will go off,

DIMMER (UP) or (DOWN)

1. Press **DIMMER (UP)** or **(DOWN)** to adjust brightness

SOUND 1-4 (♫)

1. Press ♫ 1-4 on the RF to select Sound 1-4

MULTI-COLOR

1. Press **MULTI-COLOR** repeatedly to cycle color programs 1-42.

AUTO MODE

1. Press **AUTO MODE** to cycle programs:
    a. Fade
    b. Jump
2. Use (Up Arrow) or (Down Arrow) to cycle between program settings and speeds.

STROBE

1. Press **STROBE** on the RF.

STROBE SPEED

1. Press **STROBE SPEED** on the RF to cycle Strobe Speed.

Red, Green, Blue, White, Amber and Purple Color Variants

1. Press **Color Variants** repeatedly to cycle color specific programs for desired color.



Battery Life and Specifications

MobilePar HEX 5 features a rechargeable lithium-ion battery for wire free use. The battery can power the light for up to 9 hours from a full charge.

The battery charges whenever the included power cable is connected and plugged into a power source. Battery life can be viewed on the rear of your unit withing the menu display as well as on the power brick while charging.

About LED Indicators and Battery Life

You can view Battery Life remaining from LEDs within the onboard menu.

- Battery life 100% 
- Battery life 75% 
- Battery life 50% 
- Battery life 25% 

Battery specification:

- Maximum working hours: up to 9 hours
- Battery charge time: 2.5 hours
- Battery lifetime: average lifetime is 500 charges
- Battery Type: Fixed Lithium Battery
- Battery Voltage: 22.5 VDC
- Battery Capacity: 2500 mAH

Power Brick LED:

- When plugged in, the power brick's onboard LED displays the charging status of your MobilePar HEX 5:
  - Red LED indicates charging.
  - Green LED indicates fully charged.
- The power can be verified on your fixture display as mentioned above

Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light sources' life and or mechanical wear. To maintain optimum performance and minimize wear, clean your lighting products regularly after extended use. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instruction below:

1. Unplug the product from power.
2. Wait until the product is at room temperature.
3. Clean all lenses with a mild soap solution, ammonia-free glass cleaner, or Isopropyl Alcohol.
4. Apply the solution directly to a soft, lint free cotton cloth or a lens cleaning tissue.
5. Softly drag any dirt or grime to the outside of the lenses surface.
6. Gently polish the lenses surfaces until they are free of haze and lint.

Technical Information

- Light Source: 5x12W RGBWA-UV LED's
- Battery Type: Lithium
- Battery Capacity: 2500mAh
- Battery Voltage: 22.5V
- Battery Energy: 56.2Wh
- Battery Life: Up to 9 hours on a single color
- Recharge Time: 2.5hrs
- Battery Cycles: 500 (average)
- Beam Angle: 25˚
- Field Angle: 45˚
- Illuminance: 1304 Lux @ 2M
- DMX Channels: 6 / 10
- Dimmer: 0-100%
- Strobe: 0-20Hz
- Power Consumption: 20.5W
- Voltage: AC110V-240V 50/60Hz
- Dimensions: 7.8 x 7 x 2.5 in. (200 x 180 x 65 mm)
- Weight: 2lb (0.9kg) / With bracket: 2.9lbs (1.3kg)

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.*