



# MobilePar Mini Hex 4

CKW-6020



USER MANUAL

# Introduction

Thank you for purchasing the ColorKey MobilePar Mini Hex 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 MobilePar Mini Hex 4
- 1x IR Remote
- 1X DMX Cable (Data to XLR Male)
- 1x DMX Cable (Data to XLR Female)
- 1x Power Cord
- User Manual

## Safety

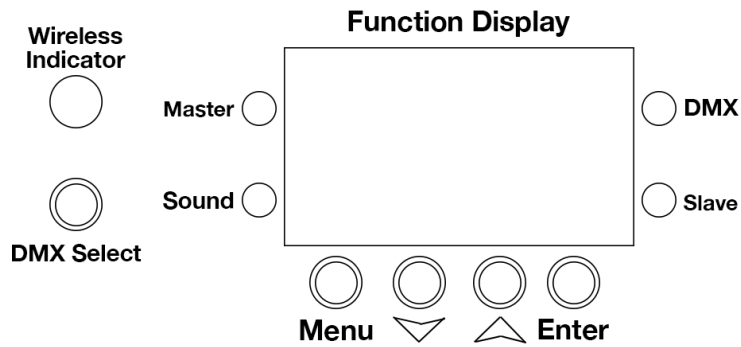
**Caution!** Opening this unit voids warranty. Contact ColorKey for any service requests.

**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: 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
- MASTER: Master indicator
- SOUND: Sound control indicator
- DMX: DMX512 indicator
- SLAVE: Slave indicator
- WIRELESS INDICATOR: Wireless signal indicator
- DMX SELECT: DMX selection indicator

# DMX Settings & Connections

## ① Wired DMX Cable Connections

Use the provided DMX to Data cables to connect to the in/out network sockets on the light for use with a cabled connection.

**Note:** 1. Turn off the wireless DMX when using a DMX cable connection.  
2. This can be done by accessing (SnAL) in your Menu and changing the setting to (Uire)

## ② Wireless DMX Connection

### Operational instructions:

1. Firstly, ensure that you are outputting signal from your wireless DMX controller
2. Verify light is set to (ULee) in your (SnAL) menu
3. Press the (Menu) button and (Enter) to display the current DMX address. Set as necessary.
4. Reading the Wireless Indicator / Group ID Light:
  - Red LED Flash: Sending Signal
  - Green LED Flash: Receiving Signal

This unit features seven wireless groups for multiple applications.

Group	Wireless Indicator LED Color
1	Red
2	Green
3	Yellow
4	Blue
5	UV
6	Cyan
7	White

*\*Receiving unit Group ID must be on the same Group ID as the transceiver i.e. red-red*

## **Setting a Wireless Connection**

1. In menu (SnAL) select (ULee) (Wireless) to enable wireless mode.
2. Press the (DMX Select) button to set the Group ID of the receiving light to be the same as the transmitter
3. After receiving DMX data, the transmitter will automatically choose the best band for non-interference frequency to send the data, communicated by red LED flashing, and the receiver will change its communication frequency until it receives the same ID Group ID code and band data. Correct data will be indicated by a green LED flash,

*A strong DMX data connection will be indicated by a faster LED flash*

4. Congrats, Correct communication is now established!

# Menu Guide

Display	Numerical	Function and description
Addr	1-512	DMX512 address setting
ChNd	6/10Ch	6/10 channel selection
SLNd	nASt/SL 1/SL	Master/Slave mode
ShNd	SoUn	on/off
	CoLo	Co1-Co24
	dFin	yes
	FAde	SP1-SP9
SnAL	ULee/Uire	Wireless DMX control
BLnd		no/yes
ir	On/oFF	IR remote control
Led	On/oFF	ON/OFF
diSp	dsip	Positive and negative display
bALA	red	125-255
	Grn	125-255
	blUe	125-255
ndeF	red	000-255,Red dimming from dark to bright
	Gree	000-255,Green dimming from dark to bright
	blUe	000-255,Blue dimming from dark to bright
	Uhte	000-255,White dimming from dark to bright
	Aber	000-255,Amber dimming from dark to bright
	Uu	000-255,UV dimming from dark to bright
bAtt		Battery Time
teSt		Auto test
tenP		Temperature
FhrS		Use time
PASS	000-999	
uer	10	

# DMX Values

## **6 channels mode**

Channel	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

## **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	000-002	No function
	003-127	Color1-Color32
	128-191	Color Macro 1-16
	192-255	Color Fade 1-16
10	000-255	Speed (Color Macro and Fade)(Slow to Fast)

# 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>



# Technical Information

Power supply: AC100-240V;50-60Hz

Light source: 4x12W 6-in-1 LEDs

Red, Green, Blue, Amber, White, UV

Power consumption: 110W

Control: Wireless DMX ,IR Remote, DMX512 control, Auto Run,

Master /Slave, Sound Active

Channel: 6/10 channels

Working temperature: up to 40° C

IP rate: IP20

Lamp rated life: >50000 Hours

Beam angle: 40 degree

Dimming: 0-100%

Features: Wireless DMX & IR remote control

Strobe: Independent electronic strobe, 0-20 times / second, the speed can be adjusted

Battery working time: (+/-) 4 hours Full color, (+/-) 15 hours single color or auto run

Product size: 130 x 130 x 122 mm

Net Weight: 1.9 kgs

**Notice to consumer:** ColorKey offers a 2-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).