

AIRPAR
H E X 4

SKU: CKU-7060

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.

Contents of Package

- AirPar HEX 4
- IR Remote
- 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.
- 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/>

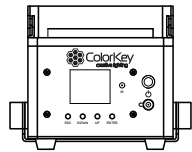
You can also reach us by phone Monday thru Friday, 8:30am – 5pm PST at (818) 578-4030.



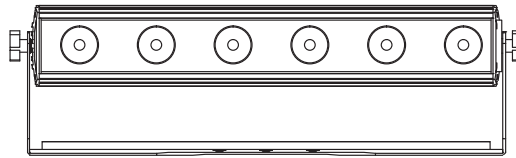
Introduction

Thank you for purchasing the ColorKey AirPar HEX 4!

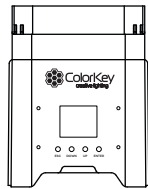
The AirPar is part of the ColorKey Air Series, an ecosystem of battery-powered, wireless DMX lighting fixtures, with a wireless DMX hub for greater control and connectivity options.



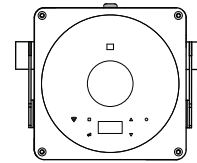
**AIRPAR COB
QUAD**



AIRBAR HEX 6

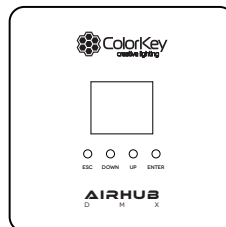


AIRPAR HEX 4



**AIRPAD
QUAD**

AIR
S E R I E S



AIRHUB DMX

All Air Series fixtures also include an integrated W-DMX transceiver for instant wireless connectivity. This enables any Air Series fixture to wirelessly control your entire Air Series rig.

It's now easier than ever to fill a room with color by simply setting all the fixtures to the same wireless group ID and watch them automatically connect and synchronize.

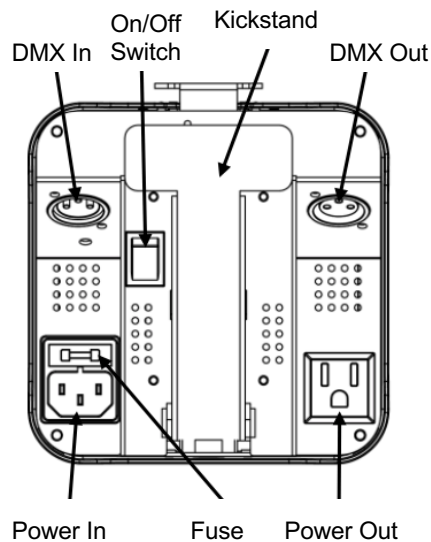
Power & Charging

The AirPar HEX 4 features a rechargeable lithium-ion battery for wire free use. The battery can power the light for up to 20 hours from a full charge.

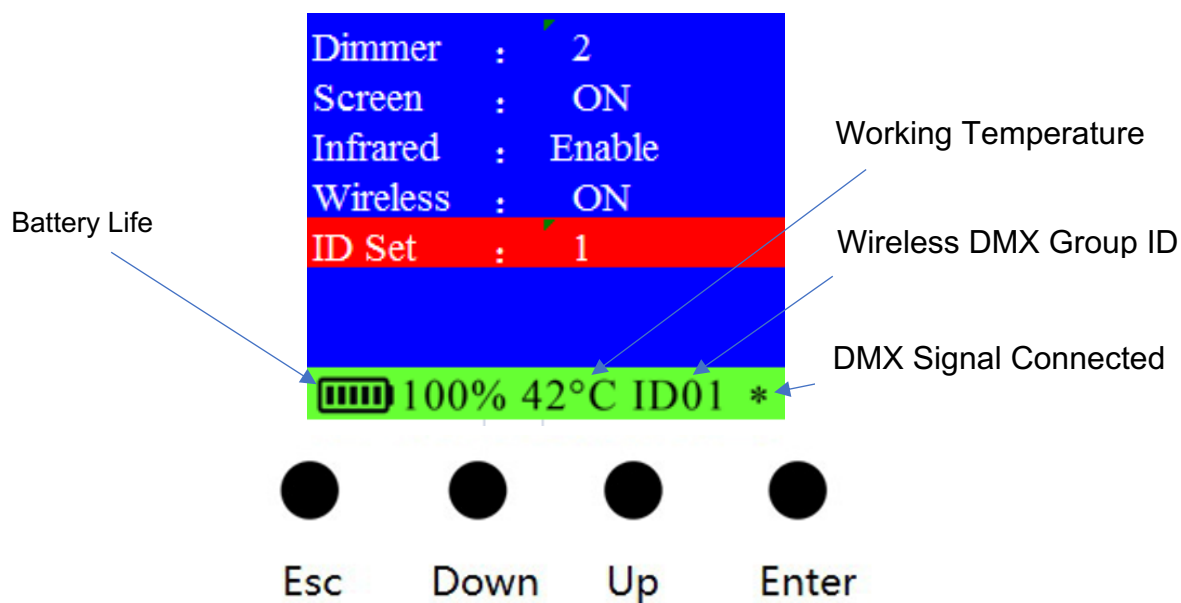
An adaptive power supply with an input voltage range of 100 to 240 VAC 50/60Hz is also included.

The battery charges whenever the included power cable is connected and plugged into a power source. If the product is plugged in and not in operation, make sure the product is turned off.

The indicators on the LED Menu Display show how much battery life remains available.



Display Operation



ESC: Navigate to the previous higher-level menu item.

Down: Scrolls through the menu items and numbers in descending order.

Up: Scrolls through the menu items and numbers in ascending order

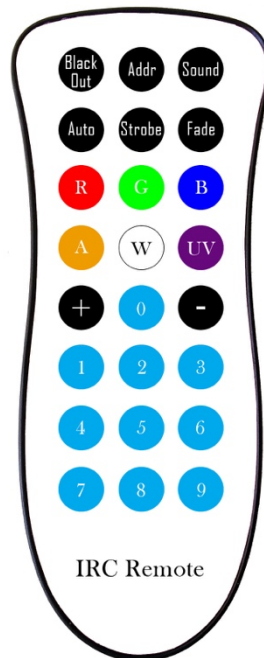
Enter: Is used to select and confirm/store the current menu selection

Menu Guide

Address	Set DMX Address (001 to 512)
Channel	Set DMX Channel Mode (3, 6, 8, 11)
Slave	Set light to Slave or Master
Auto	Activate Auto mode and adjust speed (1-15)
Fade	Activate Fade mode and adjust speed (1-15)
Color	Set light to Color mode and scroll through preset colors (1-15)
Sound	Set light to Sound Active mode and adjust sensitivity (1-10)
Red	Adjust Red dimmer (000-255)
Green	Adjust Green dimmer (000-255)
Blue	Adjust Blue dimmer (000-255)
Amber	Adjust Amber dimmer (000-255)
White	Adjust White dimmer (000-255)
UV	Adjust UV dimmer (000-255)
Strobe	Turn on Strobe and adjust speed (1-15)
Dimmer	Adjust Dimmer curve (Linear, Curve, Theatre, Studio)
Screen	Set OLED display to turn off after 30 seconds
Infrared	Enable / Disable Infrared Remote Control
Wireless	Turn Infrared receiver on or off
ID Set	Set Wireless ID group from ID00 to ID15

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 AirPar HEX 4 is located top 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

The AirPar is capable of creating an almost unlimited number of colors by mixing the Red, Green, Blue, and White LEDs.

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

DMX Values

3 channel mode

Channel	Value	Function
1	000-255	Hue
2	000-255	Saturation
3	000-255	Value

6channel mode

Channel	Value	Function
1	000-255	Red
2	000-255	Green
3	000-255	Blue
4	000-255	Amber
5	000-255	White
6	000-255	UV

8 channel mode

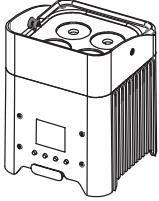
Channel	Value	Function
1	000-255	Master Dimmer
2	000-255	Red
3	000-255	Green
4	000-255	Blue
5	000-255	Amber
6	000-255	White
7	000-255	UV
8	000-255	Strobe

11 channel mode

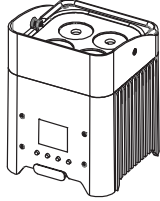
Channel	Value	Function
1	000-255	Master Dimmer
2	000-255	Red
3	000-255	Green
4	000-255	Blue
5	000-255	Amber
6	000-255	White
7	000-255	UV
8	000-255	Strobe
9	000-015	None
	016-095	Auto Mode
	096-175	Fade Mode
	176-255	Sound Active
10	0-255	Dimmer Speed
11	000-005	Default Dimmer
	006-065	Linear Dimmer
	066-125	Curve Dimmer
	126-185	Theatre Dimmer
	186-255	Studio Dimmer Mode

Setup Examples

Master / Slave



AIRBAR HEX 6

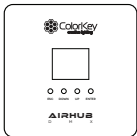


AIRBAR HEX 6

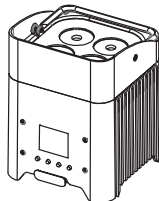
The AirPar HEX 4 includes an integrated W-DMX transceiver for instant wireless connectivity. This enables the AirPar to wirelessly control any Air Series fixture in the same wireless group. To achieve this, simply set an AirPar to Master and all other fixtures to Slave. Turn on wireless on all fixtures and set them to the same wireless group ID.

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 to Slave units which will react in synchronization. When a fixture is set into 'Slave Mode,' this fixture will receive the Master signal.

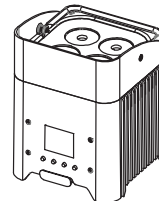
AirHub DMX



AIRHUB DMX



AIRBAR HEX 6



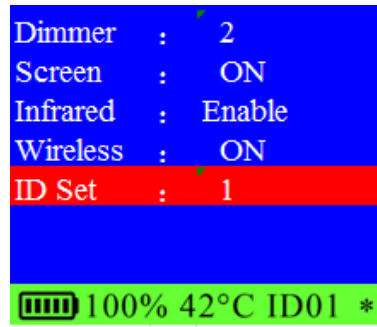
AIRBAR HEX 6

The AirHub DMX (*available separately*) is the central hub used to remotely control all Air Series fixtures. It is a battery powered wireless DMX transceiver with 16 wireless groups (00-15) and features built-in presets including static colors, auto, fade, and sound active mode.

To make a connection, simply set the AirHub DMX and AirPar HEX 4 to the same group ID. Both units are set to ID01 in the example below.

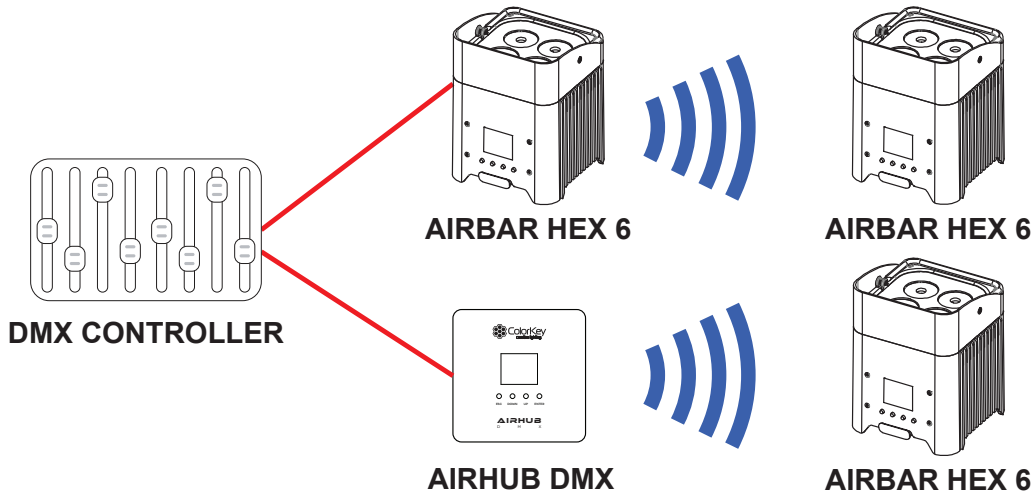


AirHub DMX Menu



AirPar HEX 4 Menu

DMX Controller



The AirPar HEX 4 can connect to any DMX controller using standard 3-pin DMX cables, or wirelessly using the AirHub DMX. AirPars connected to a DMX controller via the AirHub can still be addressed independently.

The AirPar can also transmit wireless DMX to most 2.4ghz enabled W-DMX lights outside of the Air Series ecosystem through group ID 0-5 (such as the ColorKey MobilePar Mini HEX 4). Simply scroll through the wireless bands on your lights until a signal connection is made with the AirPar.

Troubleshooting

Problem	Solutions
No DMX control	<ul style="list-style-type: none">• Confirm the Wireless Group ID is the same as the transmitter• Make sure the fixture is in DMX mode• Make sure wireless is enabled on your AirBar, or that a DMX cable is properly connected to your controller.
Fixture does not respond to sound	<ul style="list-style-type: none">• Make sure the fixture is in Sound Active mode.
IR remote will not respond	<ul style="list-style-type: none">• The IR remote will not respond to any inputs when the Black Out mode is enabled. If the remote is not responding when a button is pressed, try pressing (Black Out). It may already be in Black Out Mode thus rendering the light dark.

Technical Information

- 4x12W RGBWA+UV 6-in-1 LEDs
- 25° beam angle
- DMX Channel Modes: 3 / 6 / 8 / 11 channels
- Built-in 2.4Ghz W-DMX transceiver for wireless connectivity
- Lithium-Ion battery (+/-) 20 hours single color; (+/-) 6 hours full color, (+/-) 5 hours charge time
- Control modes: W-DMX, DMX 512, IR Remote, Master /Slave, Sound Active, Stand Alone
- Multicolor OLED display for easy access to fixture settings
- 0-100% Dimmer
- 3-pin DMX In/Out connectors
- IEC power in and out connectors
- Lamp rated life: >50000 Hours
- Flicker Free
- Working temperature: up to 40°C
- Power consumption: 48W
- Power supply: AC100-240V;50-60Hz
- Product size: 5.4 x 5.6 x 7.4 in
- Net Weight: 6.1lbs

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.