

# BatPlus 4

## User Manual



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## TECHNICAL PARAMETERS

### Light source

Power supply: AC100V-250V

Frequency: 50-60Hz

Power consumption: 80 W

Light source: 4pcs 20W high brightness 6 in 1 leds

Lamp life: 6-10 ten thousand hrs

### Optical

LED angle: 30(±5) degree

### Controls

Control channels: 6/8/10 chs

Battery power & wireless DMX

Wireless DMX-512 protocol

Built in 2.4G receiver/ transmitter for wireless DMX operations

Control mode: DMX512 / WDMX /IRC, master/slave, auto, sound active

Automatic model(by function button) : color change, color strobe, color dimmer, color gradual change/color jump change

Operation menu: 4 OLED display

### Effect

Color: 16.7 million kinds of color change

### Construction

Waterproof grade: IP65

### Weight&Dimension

Dimension: 85mm×85mm×210mm;

N.W: 6.0 kg

G.W: 6.50 kg

**Most important: FIRST CHARGE THE FIXTURES FOR 4-5 Hours on the First Charge before use.**

**Plug in Power cord. Turn off Power Switch and Turn off other switch to charge.**

### Introduction

**Unpacking:** Thank you for purchasing this product, all products has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without first contacting.

**Introduction:** The Light is a DMX intelligent and battery powered LED par light. This par light is light weight and compact which makes it a great piece for mobile DJ's and clubs.

**Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

**Caution!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufacturer's warranty. In the unlikely event your unit may require service please contact the manufacturer or your dealer.

**PLEASE recycle the shipping carton whenever possible.**

### General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize you with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

Notice :please pay attention to ventilation, to prevent the battery overheat cause burning When charging.



### Notes

**Please carefully read the instructions, it contains assembly, operation, maintenance and other important information.**

- Circuit board may not overlap pile, please put gently, not abandonment, to prevent deformation of the circuit board, component damage, pads off and other adverse conditions.
- Power input range between 12-36V, different light board power input will vary, please counsel before use, avoid the use of improper power supply or motherboard situation
- burned lamp beads, resulting in unnecessary economic losses. Do not reverse the anode and cathode power supply.
- It should take PCB board when assemble and install, do not covet convenience of lifting and operating for a part, to avoid pad off or damage as stress .
- All terminals should be connected correctly and according to process requirements. Pay attention to distinguish the direction and polarity
- Try not to plug any electrical or cable to operate, to avoid short circuit or component damage.
- Try to make anti-static treatment.
- Operating errors or other man-made defects or burned are not within the scope of return, need to charge repair costs of corresponding elements.

Note: A. In the A001 status mode, hold the ENTER key for 3 seconds to automatically enter the current adjustment mode. Press the ENTER key again to select colors (use the up and down keys to adjust values). After adjustment, press the menu key to return.

(R:190/G:190/B:190/W:190/A:190/UV:190)

B. The frequency band indicator light of the host flashes slowly in red when transmitting, while the frequency band indicator light of the slave device flashes slowly in green when receiving.

C. The steps for controlling the phone via WiFi are as follows:

Step 1: First, install the LED LAMP—Stage—LED LIGHT APP on your phone

Step 2: Switch the luminaire display function to WIFI mode (Menu Program\WIFI mode)

Step 3: Open the settings icon on your phone, turn on WiFi, and search for the WiFi address. Look for a string starting with "LED," such as "LED-XXX," and click to connect

Step 4: Return to the main screen of your phone, locate the installed app, open it, and wait for the connection to succeed to start controlling.

D. In Wireless mode, pair the master and slave devices. Set all slave lamps to Receive mode and perform the (Clear) operation (indicated by a white light). Select another lamp as the master and set it to Transmit mode. First, perform the Clear operation, then proceed with Connect configuration (indicated by a blue light). During the configuration process, the green light on the slave lamps will blink.

E. During the charging process, the display will show a charging interface (if you need to use the lamp while charging, press the MENU button under the charging interface to enter the operation mode and running mode)

F. Over-temperature Protection Function:

(1. When the temperature reaches 50°C to 59°C, the program will automatically reduce the brightness by 30%.

2. When the temperature reaches 60°C to 69°C, the program will automatically reduce the brightness by 25%.

When the temperature reaches 70°C to 79°C, the program will automatically reduce the brightness by 30%.

When the temperature reaches 80°C, the program will automatically turn off the light.)

G. This luminaire supports wired RDM and software online upgrade functions

## Menu Display:

Model				Explains
Address	001—512			Address code setting
Channel	6CH			6 chs mode
	8CH			8 chs mode
	10CH			11 chs mode
DMX Fail	Blackout			Drop signal line black field
	Hold			Drop the signal line and keep it
Frequency	600HZ			600Refresh frequency
	1200HZ			1200Refresh frequency
	2000HZ			2000 Refresh frequency
	4000HZ			4000 Refresh frequency
	12KHZ			12K Refresh frequency
	25KHZ			25K Refresh frequency
Custom	Red:0-255			Red manual dimming
	Green:0-255			Green manual dimming
	Blue:0-255			Blue manual dimming
	White:0-255			White manual dimming
	Amber:0-255			Amber manual dimming
	UV:0-255			UV manual dimming
Program	Static	Colour:01-32		32 static color mixes
		Speed:00-16		Strobe speed (when the speed is 00, it is static color mixing)
	Macro	Speed:01-16		Color jump
	Fade	Fade	Speed:01-16	Color gradient

Model				Explains
		01		
		Fade 02	Speed:01-16	Color mutation
		Fade 03	Speed:01-16	Color changes
	Sound	Sound:01		Sound color change
		Sound:02		Sound controlled mutation
		Sound:03		Sound color-changing strobe
		Sound:04		Sound color change + sudden change + color-changing strobe
WIFI	LED_XXX		WIFI mode	
Master/Slave	Slave	In receive mode, the slave status light is green.		
	Master	In sending mode, the host status light is blue.		
Wireless DMX	On	On		WDMX ON
		Clear		Clear (status light turns white)
		Connect		Configuration
		Off		WDMX OFF
Economy Mode	Normal			Battery standard mode
	Economy			Battery saving mode
Back Light	20s			Display standby and turn off the screen after 20 seconds
	30s			Display standby and turn off the screen after 30 seconds
	40s			Display standby and turn off the screen after 40 seconds
IR	ON/OFF			IR remote ON / OFF
Menu Lock	ON/OFF			Key lock on/off (When the screen is locked, press and hold the UP+DOWN keys to unlock)
Factory Reset	NO/YES			System self-test reset
Curve	Led Curve 1			linear curve
	Led Curve 2			square curve
	Led Curve 3			logarithmic curve
	Led Curve 4			S-curve
Information	Version	V1.0		Software version
	Current Time	00H00M00S		Use time
	RDM	ID 00711A5B7248		ID number

### DMX Channel functions

channel	6CH model	8CH model	10CH model
CH1	0-255 Red linear dimming	0-255 total dimming	0-255 total dimming
CH2	0-255 Green linear dimming	0-9 off , 10-255 Strobe (slow to fast )	0-255 Red linear dimming
CH3	0-255 Blue linear dimming	0-255 Red linear dimming	0-255 Green linear dimming
CH4	0-255 White linear dimming	0-255 Green linear dimming	0-255 Blue linear dimming

CH5	0-255 Amber linear dimming	0-255 Blue linear dimming	0-255 White linear dimming
CH6	0-255 Purple linear dimming	0-255 White linear dimming	0-255 Amber linear dimming
CH7		0-255 Amber linear dimmin	0-255 Purple linear dimming
CH8		0-255 Purple linear dimming	0-9 OFF, 10-255 Strobe (s low to fast)
CH9			0-9 OFF 10-50 Static Color Mixing 51-100 Jump Mode 101-150 Gradient Mode 151-200 Sudden Change Mode 201-215 Color Change Sound Control 216-230 Color Flash Sound Control 231-245 Sudden Change Sound Control 246-255 Breathing Sound Control
CH10			0-255speed

## Touch Buttons instruction:

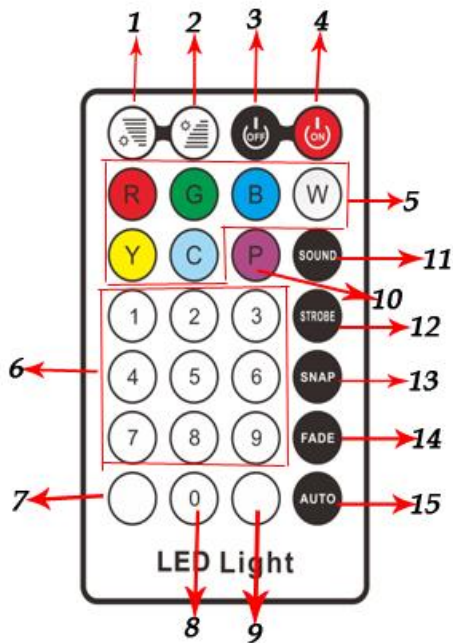
There are four touch buttons under the LED Alpha-numerical display: Menu, Down, Up, Enter. Normally, the LED will display the current DMX address code of the fixture. At this time, presses Menu to choose the function you want to set up. Press and hold Up or Down to fast scrolling within the menu options. When an options flashing the LED display, press Enter to confirm and Menu to exit.



## Tip for the battery and charge:

- The battery can last for 3 hours when all LEDs on after full charge , and can last for more than 6-7 hours on auto running mode. Up to 20 Hours with one color diode on. Results will vary based on brightness of LEDs
- It is suggested to charge the battery for at least 4 hours, which will extend the life span of the battery.

## Infrared remote control functions:



1. Dimmer UP
2. Dimmer Down
3. OFF (IR control Off)
4. ON (IR control On)
5. R、G、B、W、Y、C is meant to 6 colors
6. Number 1-9 is 9 mixed colors, 8 button is wireless on, 9 button is wireless off
7. 0 left key A001 console mode, can change by up and down
8. Key 0 is 32 mixed colors mode, can change by up and down
9. 0 right channel mode, can change by up and down
10. The C key is empty
11. SOUND key is for SOUND control, and the up and down keys are adjusted to SOUND control mode
12. STROBE key is STROBE, and the speed is adjusted by up and down key
13. SNAP key for color mutation, up and down key speed
14. FADE key is color gradient, up and down keys adjust speed
15. AUTO button is a color jump, and the up and down keys are used to adjust the speed.



### REMARK

The product has perfect performance and integrity packing.  
 All users should be strictly comply with the warning and operating instructions as stated.  
 Or we aren't in charge of any result by misusing.  
 Any damage resulting by misuse is not within the Company's warranty.  
 Any fault or problem caused by neglecting the manual is also not in the charge of dealers.  
 Errors and omissions for every information given in this manual excepted.  
 All information is subject to change without prior notice.