

# User Manual

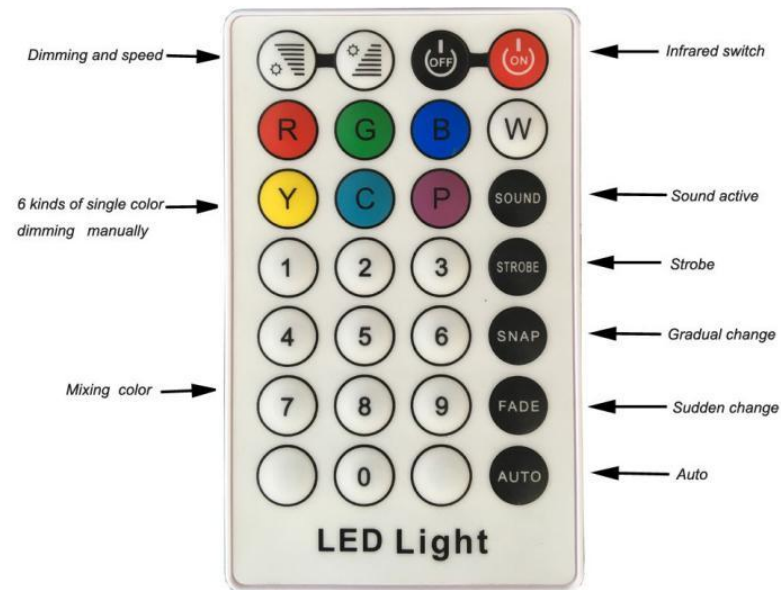
## Founder Z6 IP



Please read over this manual before operating the light

## IRC Remote Functions

Infrared remote control functions:



- 1, Dimming up
  - 2, Dimming down
  - 3, OFF
  - 4, ON
  - 5, R, G, B, W, A, UV keys are 6 kinds of monochrome (press the up and down keys for dimming)
  - 6、1-9 number keys for 9 kinds of color mixing
  - 7, 0 left key 6CH mode
  - 8, 0 key for 32 kinds of color mixing mode, press the up and down keys to select
  - 9, 0 right 10CH mode
  - 10, P key is empty
  - 11, SOUND key for voice control, press the up and down dimmer keys to select the voice control mode
  - 12, STROBE key is strobe, press the up and down dimmer key selection speed
  - 13, SNAP button is a color mutation, press the up and down dimmer button to select the speed
  - 14, FADE button for color gradient, press the up and down dimmer button to select the speed
- The AUTO key is the color jump, press the up and down dimmer keys to select the speed

**Most important: FIRST CHARGE THE FIXTURES FOR 6-8 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 manufactures 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.



**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.

## 2

### For Battery Function and Charge

The unit has the function of battery powered. The button for battery and charge is set on the rear panel. It is showed as the following picture, and the function is described as below.



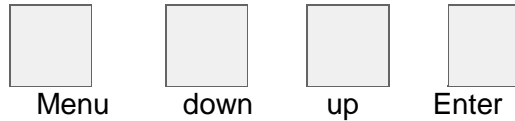
1.OLED display    2. 4 touch buttons of menu    3.DMX out    4. power out    5.antenna    6.power input    7.DMX in

Tip for the battery and charge:

- The battery can last for 3-3.5 hours when all LEDs on after full charge , and can last for more than 6-8 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.

### 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.



- Built in 2.4G receiver/ transmitter for wireless DMX operations
- Waterproof grade: IP65
- Control mode: DMX512 & IRC, master/slave, auto, sound active /Wifi phone app control
- Automatic model(by function button) : color change, color strobe, color dimmer, color gradual change/color jump change
- Operation menu: 4 OLED display

### Operation Insturction

1.No.6 in the 'Show' is Wi-Fi mode.If it displays no Wi-Fi, so this light is no Wi-Fi version.or there is "LED-XXX" appears below the icon, This version has mobile phone APP control function, XXX stands for 3 digits and is the address of this light.

2.After the menu Help icon is confirmed, an information search box appears.Up and down keys can select the QR Codes of the app which can be installed by sweeping.

3.How to set the phone app control the lights:

Step 1; download the app to your phone.

Step 2; Enter wifi mode on the lights

Step 3; Open the settings icon on the phone, open the WIFI and search for the WIFI address which the words beginning with the LED . For example, "LED-XXX", click the link.

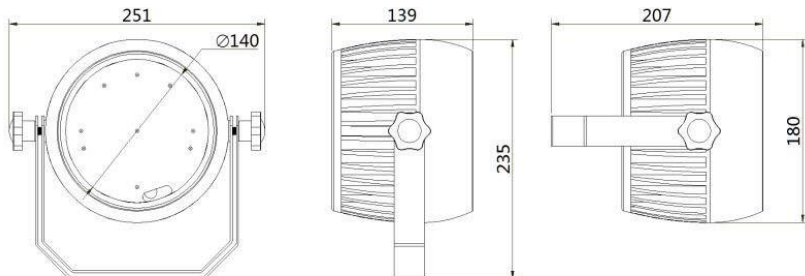
Step 4, Turn on the app ,showed the link success is ok..

4.Wifi distance:5m

5.Time icons is clock settings and preset programming items (press Enter to set)

Time Tasks	Task:0 (Press program quantity)
Time:	00:00 (Preset working time) (24 h)
OFF (preset effect)	00 (Preset working speed)

### Dimension drawing (251\*140\*207mm)



## Menu Display:

**DMX A001**

**Address** Press Enter to select dmx channel from 001 to 255. Press Enter to set confirm setting

**Show**

Auto Jump
Auto Fade
Auto Sudden
Auto Strobe
Auto Breath
Wifi Mode

**Auto Jump** Press Enter to select color snap speed from 1 to 100, Press Enter to set confirm setting

**Auto Fade** Press Enter to select color fade speed from 1 to 100, Press Enter to set confirm setting

**Auto Sudden** Press Enter to select color random speed from 1 to 100, Press Enter to set confirm setting

**Auto Strobe** Press Enter to select color strobe speed from 1 to 100, Press Enter to set confirm setting

**Auto Breath** Press Enter to select color random speed from 1 to 100, Press Enter to set confirm setting

**Wifi Mode** Press Enter to select Wifi mode. Press Enter to set confirm setting

**Sound**

Sound Mode 1
Sound Mode 2
Sound Mode 3
Sound Mode 4

**Sound Mode1** Press Enter to select sound control activate color snap speed from 0 to100. Press Enter to set confirm setting

**Sound Mode2** Press Enter to select sound control activate color random speed from 0 to100. Press Enter to set confirm setting

**Sound Mode3** Press Enter to select sound control activate color strobe speed from 0 to100. Press Enter to set confirm setting

**Sound Mode4** Press Enter to select DB sound. Press Enter to set confirm setting

## Colors

Set Color	
Fixed Color	

**Set Color**  
**Fixed Color**

Press Enter to select R/G/B/W/A/UV six colors from 000 to 255. Press Enter to set confirm setting  
Press Enter to select 32 fixed colors. Press Enter to set confirm setting

## Set

Dmx channel	Disp Light
2.4G State	Light Limit
IR State	Reset data
Power Disp	Timing
Disp time	OFF Power
Fan speed	Updata APP
	Auto limit

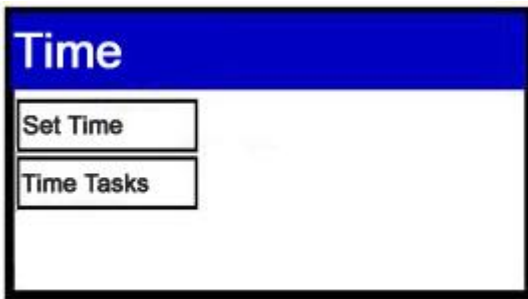
**DMX Channel**  
**2.4G State**  
**IR State**  
**Power Disp**  
**Disp time**  
**Fan Speed**  
**Disp Light**  
**Light Limit**  
**Reset data**  
**Timing**  
**OFF Power**  
**Updata APP**  
**Auto limit**

Press Enter to select channel mode between 6CH and 10CH. Press Enter to set confirm setting  
Press Enter to select 2.4G State be ON or OFF. Press Enter to set confirm setting  
Press Enter to select IR State be ON or OFF. Press Enter to set confirm setting  
Press Enter to select Battery Icon be ON or OFF. Press Enter to set confirm setting  
Press Enter to select backlight time from Open/10S/30S/45S/60S/80S. Press Enter to set confirm setting  
Press Enter to select fan speed be Auto/Slow/Middle/Fast. Press Enter to set confirm setting  
Press Enter to adjust backlight intensity. Press Enter to set confirm setting  
Press Enter to adjust LED color intensity from 001-170 . Press Enter to set confirm setting  
Press Enter to reset the fixture via password :8888. Press Enter to set confirm setting  
Press Enter to turn timing On/Off. Press Enter to set confirm setting  
Press Enter to turn power On/Off. Press Enter to set confirm setting  
Press Enter to Updata App by password: 123456. Press Enter to set confirm setting  
Press Enter to select adjust temperature from 40-99 or Off. Press Enter to set confirm setting

## Help

Name: 6Color
Version: V5.0
QR Code

**Name:** Press Enter to view name of the fixture is 6 Color  
**Version** Press Enter to view Version of the fixture is V5.0.  
**QR Code**



**Set Time**  
**Time Tasks**

Press Enter to set fixture working time. Press Enter to set confirm setting  
Press Enter to set programming mode. Press Enter to set confirm setting

**DMX Channel functions:**

6Channel	10 channel	Value	Control	Function
*	CH1	001-255	Dimmer	From Off to On
CH1	CH2	001-255	LED Color	Red Intensity
CH2	CH3	001-255	LED Color	Green Intensity
CH3	CH4	001-255	LED Color	Blue Intensity
CH4	CH5	001-255	LED Color	White Intensity
CH5	CH6	001-255	LED Color	Amber Intensity
CH6	CH7	001-255	LED Color	UV Intensity
*	CH8	001-255	Strobe	Strobe
*	CH9	000-008 009-050 051-100 101-150 151-200 201-210 211-220 221-230 231-255	Macro	Off Fixed colors Color Snap Random Color Fade Sound Mode1 Sound Mode2 Sound Mode3 Sound Mode4
*	CH10	001-255	Speed	Speed

**Specification:**

- Voltage Input: AC100V-250V
  - Frequency: 50-60Hz
  - Power consumption: 165 W
  - Light source: 6pcs X TX 15W RGBWA+UV LED
  - Lamp life: 100,000hours+
  - LED angle: 30degree/40degree;optional
- 
- Control channels: 6/10 chs
  - Battery power & wireless DMX
  - Wireless DMX-512 protocol
  - IP rate: IP65
  - Packing size: 210\*210\*240mm
  - N.W: 4.0kg
  - G.W:4.5kg