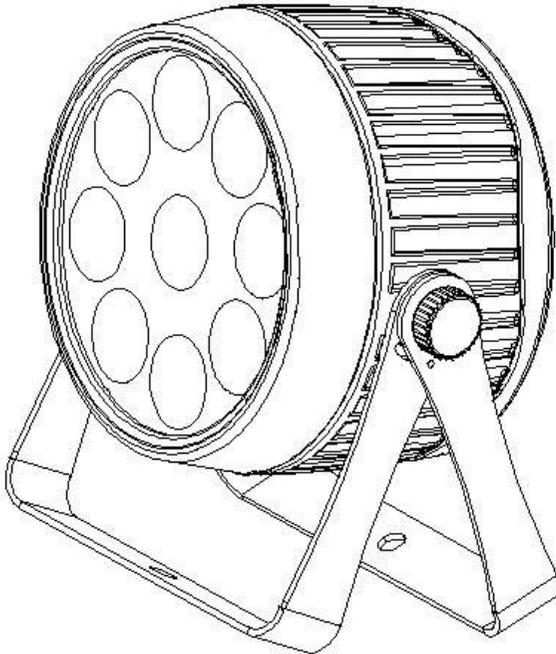


# **HC-035series**

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## **9\*10w RGBW Battery Wireless Par**



User manual

Please read the instructions carefully before use

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## statement

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

## 1. Safety Instructions

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

Unpack and check carefully there is no transportation damage before using the unit.

Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

The unit is for indoor or outdoor.

The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.

Disconnect main power before replacement or servicing.

Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

Maximum ambient temperature is  $T_a$ : 40°C. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

DO NOT touch any wire during operation as high voltage might be causing electric shock.

**Warning:**

Please set one light only as master when used Master-slave model in the same channel.

DO NOT set any light as master when used DMX hold model.

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

DO NOT open the unit within five minutes after switching off.

The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

**Caution:**

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

**Installation:**

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

**2. Technical Specifications**

**Light Sources:** 9pcs TYANSHINE brand 4in1 RGBW LED

Battery: Sony brand cell, VTC6 18650 model

Beam angle: 25°

Power Voltage: AC 100-240V, 50/60Hz

Net Weight: 4.8Kgs

**Control**

DMX Channel: 5/9 Channel

Control Modes: DMX and wireless and APP and IR

**Construction**

Display: OLED Display

Data In/Out socket: 3-pin XLR sockets

Power Socket: Powercon in/out

Protection Rating: IP65

## Features

- \* OLED display
- \* Built-in wireless DMX
- \* Smart charging and charging management.
- \* Option for change LED Power (Eco, Medium, High power)
- \* Battery Charging Information and Wireless Setting in Display
- \* Emergency Mode (enable / disable)
- \* DMX hold (on/off) in display

## 3. How To Control The Unit

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, dmx in and dmx out,

3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

## Display:

MENU	To select the programming functions
DOWN	To go backward in the selected functions
uP	To go forward in the selected functions
ENTER	To confirm the selected functions

## Set DMX Address Code

- 1 Press **"Menu"** to "Set DMX Address", and press **"ENTER"** keys to enter into
- 2 Show "Set DMX Address DMX Address:001", Press the **"UP and DOWN"** keys to amended
- 3 Press **"ENTER"** keys to confirm the selected functions and Exit.

- 4 Turn on operation: when in charging or turn off, press "MENU" for more than 4s, then screen will display logo and model of products, there are "MENU", "UP", "DOWN" for your selection to choose the function, press "ENTER" to confirm and enter the next menu, press "MENU" could back to the last menu.  
When turn on, press "MENU" for more than 4s, the screen will display "Power Off", and will close LED output by then.  
If charger connect with electricity, the screen will display charging icon and percentage of battery power. Or will be turn off directly, and the battery powered will be totally cut off.
- 5 When using Master-Slave model, apart from the first one as Master without setting, the others need to set as Slave.
- 6 When using DMX512 controller, all the lights need to set as DMX model.

## MENU

Choose Pattern	Static Color Macro Color Show Mode Sound model User Colors User Run	RGBW (0-255) Strobe( 0-255) 001-016 AUTO / FADE / SNAP / STRO(RGB) Sound ( 1-3) outdoor no the function RGBW( 000-255) Bank: 1/16 1. Static Color 2. Auto Mode
User setting	Channel DMX512 Address Slave Mode WiFi Mode	5CH / 9CH 001-512

System setting	White balance Show Battery Display sleep Dimmer option Auto power IRC setting W-DMX Setting W-DMX FREQ Power Setting Emergency Lamp DMX Hold Auto Lock	RGBW ( 0-255) Yes / No Open/5Sec/10Sec/15Sec Normal - lowest Off / On Yes/No Yes/No 1CH - 7CH High / Medium / Low Yes / No Yes / No Yes / No
Information	Led Temp: Work Hours: Software Version Hardware version	30°C-70°C 000H-999H

### Some tips for the lights:

\* Press "MENU" 3 seconds,will turn on or turn off the display.

\* About "Auto power" function, when set " Yes" on it, it will turn on automatically when power cable plugged, disconnect the power cable will turn off.

\* About " Emergency Lamp " function,when set Emergency Lamp on, and lights work with power cable connection. If power cable and signal is interrupted, LEDs will turn on white. This feature suit to special scenes.

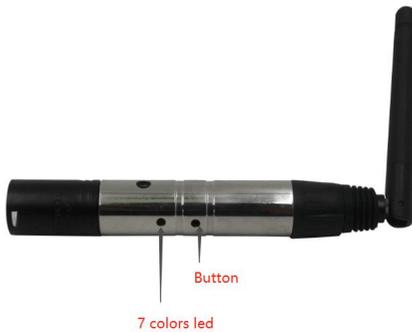
\* About “DMX hold” function, when set “Yes” on it, it would keep the former status when signal suddenly broken.

\* About checking the power information.

A-when light on, you can see the info on the upper right corner of the display.

B-when light off, press the menu button lightly,will show it in display.

\* How to set wireless dmx



There is status lamp on transmitter, it have 7 colors, corresponding to 7 wireless dmx channels in display.

CH1>>RED, CH2>>GREEN, CH3>>RED+GREEN,

CH4>>BLUE CH5>>RED+BLUE CH6>>BLUE+GREEN

CH7>>RED+BLUE+GREEN

### **How to connect with WiFi:**

- 1.Scared the below QR code by phone, down load “ LED WiFi “ APP
- 2.Enter into “ WiFi Mode “ in the lights
- 3.Enter into “ WLAN “ of the phone, choose “ LED\_\*\*\* ” ( \*\*\* means number )
- 4.Open “ LED WiFi “ APP to control.



### **How to controlled by IR remote?**

1. When use the IR REMOTE, please turn on the function, set IRC setting to “yes” in system setting from display.
2. When the par light is receiving other signal, can not be controlled by the remote control,need to disconnect other signals first.
3. Buttons(SOUNT,WIFI SENSI-TIVITY) do not function.
4. Buttons(AUTO,STOROBE,BLACK OUT, FADE)can be used directly.
5. When use buttons(R,G,B,W,A,1,2,3,4,5,6,7,8,9),need to press the MANUAL

button first.

6. “+” and“-” button, they can control the speed of colors change(STROBE AND FADE) or light and dark.



### DMX channel's functions and values (5/9 DMX channels):

#### 5CH

No.	DMX512 Value	Function
1	0~255	Red dimmer
2	0~255	Green dimmer
3	0~255	Blue dimmer
4	0~255	White dimmer
5	0~19	Normal model
	20~39	Dimmer curve ( slow )
	40~59	Dimmer curve ( slower )
	60~255	Dimmer curve ( slowest )

## 9CH

No.	DMX512 Value	Function
1	0~255	Total dimmer for CH11 (0~11)
2	0~9	Strobe off
	10~255	Strobe: 10 lowest, 255 fastest
3	0~255	Red, the max depend on total dimmer
4	0~255	Green, the max depend on total dimmer
5	0~255	Blue, the max depend on total dimmer
6	0~255	White, the max depend on total dimmer
7	0~9	Dimmer model
	10~29	Color choose
	30~49	Jump variable effect : CH10 control the speed
	50~69	gradual variable effect : CH10 control the speed
	70~89	mutation effect: CH10 control the speed
	90~109	Red + strobe:CH10 control the speed
	110~129	Green + strobe:CH10 control the speed
	130~149	Blue + strobe:CH10 control the speed
	150~169	Total strobe: CH10 control the speed
	170~209	Sounds control the jump variable effect
	210~229	Sounds control the jump variable effect + gradual variable effect
230~255	Sounds control the strobe	
8	0~255	<p>This channel's function are depending on the value of CH7:</p> <p>When CH7 is 10~29 , then the function is colors choose.</p> <p>When CH7 is 30~189 , then the function is speed control: 0 is the lowest,255 is the fastest.</p>

9	0~19	Normal model
	20~39	Dimmer curve ( slow )
	40~59	Dimmer curve ( slower )
	60~255	Dimmer curve ( slowest )

#### 4. Remind

**Very important : Please keep the lamps dry if do not use them for a long time.**