



# BATTERYPAR65

18PCS\*12W RGBWA+UV LED PAR (6IN1)



[www.timpani.it](http://www.timpani.it)



# **USER MANUAL**

Please read the instructions carefully before use



## TABLE OF CONTENTS

1. Safety Instructions.....	4
2. Technical Specifications.....	7
3. How To Control The Unit.....	8
4. Menu.....	9
5. DMX Channel.....	10
6. Remind.....	11



## 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 cannot 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 use only. Use only in a dry location.

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:** 18pcs\*12W RGBW LED

Beam Angle: 40°

Power Consumption: 250W

Voltage: 25.2V

Stored electricity: 14ah

Lifespan: charge-discharged for about 400 times

Net Weight: 6Kgs

### **Control**

DMX Channel: 7/11 Channel

Control Modes: DMX and wireless

### **Construction**

Display: OLED Display

Data In/Out socket: 3-pin XLR sockets

Power Socket: Powercon in/out

Protection Rating: IP65

### **Features**

- \* OLED display
- \* Powercon True One in/Out
- \* Option for change LED Power (Eco, Medium, High power)
- \* Battery Charging Information and Wireless Channel change in Display
- \* Emergency Mode (enable / disable)
- \* DMX hold (on/off) in display



\* Working hours: battery could run over 20hrs (single white color)/ 4.5 hrs ( full color) on a full charge;

### **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
- 4.Turn on operation: when in charging or turn off, press "MENU" for more than 4s, then screen will display clients' logo and model of products, there are "MENU", "UP". "DOWN" for your selection to choose the function,press" ENTER" to confirmed 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 Static Color Show Mode Sound model User Colors User Run	RGBW (0-255) Strobe( 0-255) 001-016 AUTO / FADE / SNAP / STRO(RGBA) 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	7-CH / 11CH 001-512

System setting	White balance Show Battery Display sleep Dimmer option RF 2.4 setting RF 2.4 FREQ Power Setting Emergency Lamp DMX Hold	RGBW ( 0-255) Yes / No? Open/5Sec/10Sec/15Sec Normal - lowest Yes/No 1CH-7CH High / Medium / Low Yes / No Yes / No
----------------	---	--



Information	Led Temp:	30°C-70°C
	Work Hours:	000H-999H
	Software Version	V.1.02
	Hardware version	HC-035F
	Logo	

**DMX channel´s functions and values (7/11 DMX channels):**

**7CH**

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	0~255	Amber dimmer
6	0~255	UV dimmer
7	0~19	Normal model
	20~39	Dimmer curve ( slow )
	40~59	Dimmer curve ( slower )
	60~255	Dimmer curve ( slowest )



## 11CH

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	0~255	Amber, the max depend on total dimmer
8	0~255	UV, the max depend on total dimmer
9	0~9	Dimmer model
	10~29	Color choose : CH12
	30~49	Jump variable effect : CH12 control the speed
	50~69	gradual variable effect : CH12 control the speed
	70~89	mutation effect: CH12 control the speed
	90~109	Red + strobe:CH12 control the speed
	110~129	Green + strobe:CH12 control the speed
	130~149	Blue + strobe:CH12 control the speed
	150~169	Total strobe: CH12 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	



10	0~255	This channel's function are depending on the value of CH7: When the value is 10~29, then the function is colors choose. When the value is 30~189, then the function is speed control: 0 is the lowest,255 is the fastest.
11	0~19	Normal model
	20~39	Dimmer curve ( slow )
	40~59	Dimmer curve ( slower )
	60~255	Dimmer curve ( slowest )

#### 4. Remind

**It need to charge a times for each two months, and 50% battery power at least, if for a long time without using.**



Timpani S.r.l.  
Via Idiomi 1/42 - 20090 Assago MI



[timpani.it](http://timpani.it)



+39 051.356956



+39 342.3929868



[info@timpani.it](mailto:info@timpani.it)