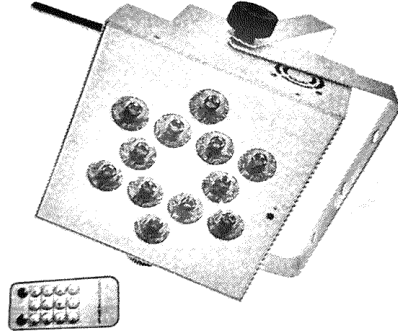


# Wireless Battery LED Flat Par

With Infrared remote control

12X12W 5 in 1



## USER MANUAL

Thank you very much for choosing our product. For safety purpose, please read this manual carefully before your operation. This manual included installation and using information. Please install and operate it according to this manual.

## **LED PAR LIGHT Introduction**

**Unpacking:** Thank you for purchasing our products. Every unit 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, Save the carton and all packing materials. In the event a fixture must be returned to the factory. It is important that the fixture be returned in the original factory box and packing.

**Introduction:** The unit is a DMX intelligent LED par can. This light can be used in a stand alone mode or connected in a Master/Slave configuration. The unit can also be controlled via DMX controller. This light has four operating modes: Sound Active mode, stand alone mode, Master/Slave and DMX control mode.

**AC Power:** This fixture has an auto-switching power supply that can accommodate a wide range of input voltages. The only thing necessary to do before powering on the unit is to make sure the line voltage you are applying is within the range of accepted voltages. This fixture will accommodate between 100V and 240V AC. All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit. Even if the rheostat or dimmer channel is used solely for a 0-100% switch.

### **Safety Instructions:**

Please read these instructions carefully, which includes important information about the installation, usage and maintenance of this product.

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet match that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and

- fire in case of an internal short.
- Disconnect from main power before making any type of connection.
  - Do not remove the cover under any conditions. There are no user serviceable parts inside.
  - Never operate this unit when its cover is removed.
  - Never plug this unit in to a dimmer pack
  - Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
  - Do not attempt to operate this unit, if it becomes damaged.
  - This unit is intended for indoor use only, use of this product outdoors voids all warranties.
  - During long periods of non-use, disconnect the unit's main power.
  - Always mount this unit in safe and stable matter.
  - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
  - Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 3 for cleaning details.
  - Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
  - The fixture should be serviced by qualified service personnel when:
    - A. The power-supply cord or the plug has been damaged.
    - B. Objects have fallen, or liquid has been spilled into the appliance.
    - C. The appliance has been exposed to rain or water.
    - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

**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 us.

**Cleaning:** Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

### **LED PAR LIGHT Features**

•Voltage:AC100V-260V/50-60Hz

Power:200W

Color of LED: Red &Green&Blue&White&Amber

Lamp:12pcs 15W LEDs,Each LED have RGBWA colors

Beam angle:25 degrees

Life time:>100 thousand hours

Color effect: RGBWA mixing

Rechargeable Lithium battery life: 6-15 hours (with a full charge)  
4 hours charge time.

Built-in DMX wireless signal receiver

With Infrared remote control

Function Effect: dimmer, strobe, eotic, gradual change, sound activeted

Cooling mode: Natural Convection

Flicker free for television and film

Color: RGBWA color can be mixed to more than 16.7million kinds of color

Control: DMX512, Master-slave, stand-alone, music Activate, Remote control

Channel:6CH/10CH

DMX signal Input/Output: 3-pin XLR

Feature: Cast Aluminum case, nice and wide application, less power consumption,high brightness,stable performance,long life

Function: Color combination changer of the latest hybrid technology and excellent built-in program, strobe, gradual, pulse, cycle, color selection, music activated, electronic linear Dimmer

Size: 265\*115\*156mm

N.W: 3.6KG

Flight case size : 70cm\*68cm\*46cm (10pcs/CTN)

### **LED PAR LIGHT Set Up**

**Notice:** Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

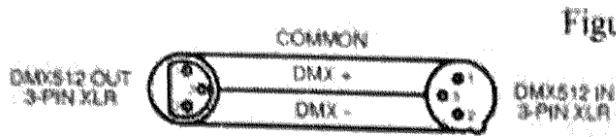


Figure 1

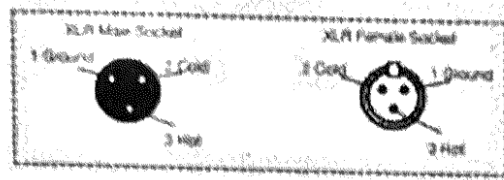


Figure 2

Figure 3

XLR Pin Configuration	
Pin 1 =	Ground
Pin 2 =	Data Compliment(negative)
Pin 3 =	Data True(positive)

**3-Pin to 5-Pin Conversion Chart:**

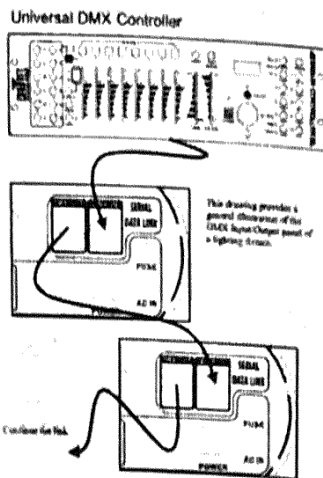
**Note!** If you use a controller with a 5 pin DMX output connector, you will need to use a 5 pin to 3 pin adapter. The chart below details a proper cable conversion:

**3-Pin to 5-Pin Conversion**

Conductor	3 Pin Female(Output)	5 Pin Male(Input)
Ground/Shield	Pin 1	Pin 1
Data(-) signal	Pin 2	Pin 2
Data(+) signal	Pin 3	Pin 3
Not Used		Do not use
Not Used		Do not use

**Setting up a DMX Serial Data Link:**

1. Connect the (male) 3 pin connector side of the of the controller.
2. Connect the end of the cable coming from the to the input connector of the next fixture consists
3. Then, proceed to connect from the output as s so on.



### **Master/Slave Fixture Linking:**

1. Connect the (male) 3 pin connector side of the DMX cable to the output(female) 3 pin connector of the first fixture.
2. Connect the end of the cable coming from the first fixture which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

### **Operating Modes:**

You can use the unit in either a stand alone mode or a master/slave configuration, there are 4 modes to choose from:

- Program Mode - Choose a static color, color show, color fade show, or color cycle. The speed of the show is adjustable. You can also have the unit strobe in this mode.
- Master/Slave Mode- Using the Master unit, choose your desired mode or program and connect the "Slave" unit or units, All slaves will now follow the "Master" unit. But only one master.
- DMX control mode - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller

### **Product overview:**

AUTO RUN, DMX MODE, SLAVE MODE, SOUND

While the function you want, for example, if DMX MODE, the ADDR & MODE can be adjusted. You can press [ESC] button to catch them, if MODE, it has 6 models, press UP & DOWN to locate it.

### ***Program Mode & Sound Mode:***

In Program Mode you can pick your desired factory installed program; static color, color show, color fade, or color cycle. You can apply a strobe effect to static colors, and control the speed of the color shows, color fade, and color cycle.

### ***Master-Slave Operation:***

This function will allow you to link units together to run in a Master-Slave mode. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Master or as a Slave however, only one unit can be programmed to act as the "Master."

### ***Master-Slave Connections and Settings:***

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR microphone cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Using the Master unit, choose your desired mode or program and connect the "Slave" unit or units.
3. Set the "Slave" unit(s) to the DMX address mode. They will now follow the "Master" unit.

### ***DMX MODE:***

Operating through a DMX controller give the user the freedom to create their own programs tailored to their own individual needs.

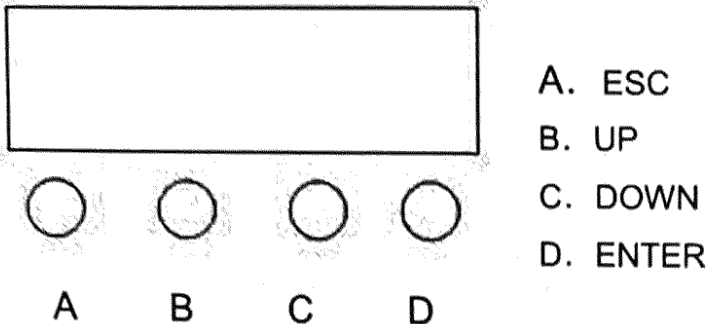
This function will allow you to control each individual fixture's traits with a standard DMX 512 controller.

### ***Battery Indicator note:***

- \* Battery indicator, each compartment means 10% capacitance. All compartments will ON if fixture is fully charged.
- \* Blue compartment flashing if the fixture is charging, otherwise it is not flash.

## LED PAR LIGHT DMX Channels Summary

### 1. DIAGRAM I



### 2. HOW TO OPERATE?

- <ESC> A Used to access the mode or to return to a previous mode option
- <UP> B Change the value of function you choosing in ascending order
- <DOWN> C Change the value of function you choosing in descending order
- <ENTER> D Locate the function of which you want to change the value

### 3. LED Display window in controller mode

No.	Display	Function Instruction
1	A001	6 CHANNELS (001—512)
2	H001	10 CHANNELS(001-512)
3	CC00	7 Colors change fast, Speed adjustable by B or C button. (01-99)
4	CP00	7 Colors change slow(gradual). Speed adjustable by B or C button(01-99)
5	DE00	7 Colors pulse change, Speed adjustable by B or C button(01-99)
6	BEB1	Music activated, sensitivity adjustable by B or C Button(01-99)
7	R220	Red Current adjustment
8	G220	Green Current adjustment
9	B220	Blue Current adjustment
10	W220	White Current adjustment
11	Y220	Yellow Current adjustment



12	ID00	DMX 512 ID (00-51), ID=0( ID OFF). After press D button, it is available to revise DMX 512 ID value. When ID ON, it will display ID for 5 seconds each time turn on the fixture.
13	U88	Battery indicator(0-100%)
14	Ir O/F	Turn ON/ OFF infrared remote control
15	FROM	Slave

#### 4. LED Display window in Infrared remote control mode

No.	Display	Function Instruction
1	-CC0	7 Colors change fast (0—9) + - button on the remote control to modify change speed
2	-CP0	7 Colors change slow(gradual), (0—9) + - button on the remote control to modify change speed
3	-DE0	7 Colors pulse change (0—9) + - button on the remote control to modify change speed
4	-C00	7 colors selection (0—21) + - button on the remote control to change color
5	-EB1	Music activated_1 (Do not blackout When no sound) Before and After key on the remote control selection
6	-EB2	Music activated_1 (Blackout When no sound) Before and After key on the remote control selection

#### 5. Infrared remote control function table

No.	Display	Function Instruction
1	ON/OFF	Turn ON/OFF fixture
2	Quit	Controller mode/ Infrared remote control mode switchover
3	Mode1	7colors change fast/ gradual/ pulse Change switchover + - button on the remote control to modify change speed
4	Mode2	7 colors selection + - button on the remote control to change color
5	Mode3	Music activated_1/ Music activated

		_2 switchover Before and After key on the remote control selection
6	Mode4	Strobe + - button on the remote control to change color

## 6. DMX 6 CHANNELS MODE

CH	Function	Function
CH1	Red Dimmer	Red dimmer, linear 0%-100%
CH2	Green Dimmer	Green dimmer, linear 0%-100%
CH3	Blue Dimmer	Blue dimmer, linear 0%-100%
CH4	White Dimmer	White dimmer, linear 0%-100%
CH5	Yellow Dimmer	Yellow dimmer, linear 0%-100%
CH6	DMX 512 ID	ID1 5—9 ID2 10—14 ID3 15—19 ID4 20—24 ..... ID51 255 In this function, it can control max 50PCS fixtures in one ID value

## 7. DMX 10 CHANNELS MODE

CH	Function	Function Instruction
CH1	Master Dimmer	Red,green,blue,white,yellow linear 0%-100% dimmer, from dark to bright
CH2	Master Strobe	Red,green,blue,white,yellow strobe,from slow to fast
CH3	Function	0-20: DMX 10 CHs control 21-70: color change fast 71-120: color gradual 121-170: color pulse 171-220: running 221-240: Music activated_1 241-255: Music activated_2
CH4	Speed control	Speed control ,from slow to fast
CH5	Red Dimmer	Red dimmer, linear 0%-100%
CH6	Green Dimmer	Green dimmer, linear 0%-100%

CH7	Blue Dimmer	Blue dimmer, linear 0%-100%
CH8	White Dimmer	White dimmer, linear 0%-100%
CH9	Yellow Dimmer	Yellow dimmer, linear 0%-100%
CH10	DMX 512 ID	ID1 5—9 ID2 10—14 ID3 15—19 ID4 20—24 ..... ID51 255 In this function, it can control max 50PCS fixtures in one ID value