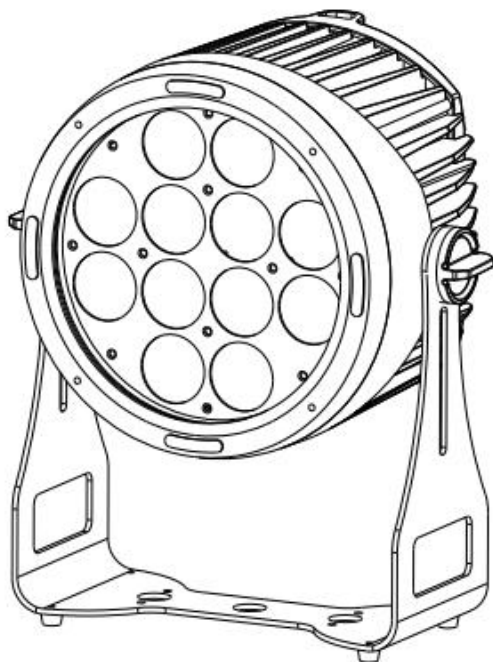


EASYBAT - PL1215B

LED Outdoor Battery Par
12x15w RGBWA UV



This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

User manual

Please read the instructions carefully before use

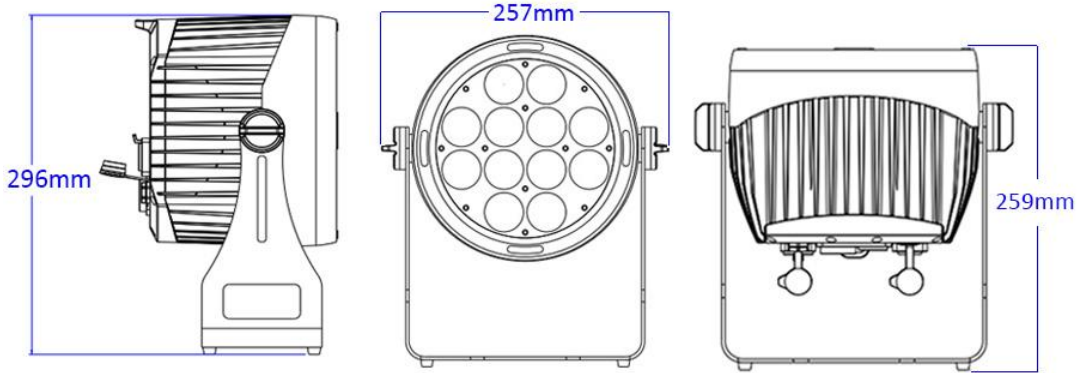
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STATEMENT

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. Dimension



2. Safety Information



WARNING! Read the safety precautions in this section before unpacking, installing, powering or operating this product.

This luminaries are multi-environmental fixtures with an IP-rating of 65, intended for professional use only. They are not suitable for household use.

Review the following safety precautions carefully before installing or operating the fixture. This fixture must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the fixture and the hazards involved.

Preventing electric shock



WARNING! Risk of electric shock.

- Always power off/unplug the fixture before removing any covers.
- Ensure that the power is turned off when connecting the fixture to the AC mains supply.
- Ensure that the fixture is electrically connected to earth (ground).
- Do not apply power if the fixture is in any way damaged.
- Do not immerse the fixture in water or liquid.

3. Configuring the fixture

Set up the fixture using the control panel and OLED display at the base of the fixture.

Navigate the menus and options using the arrow buttons and select items using the Enter button. The options available are listed in “Control menu” on page 9.

After powering on, the display shows the currently selected operating mode and other information.

The fixture is set by default to be controlled in DMX mode.

4. Connecting to a DMX control device

The fixture is controllable using a DMX control device and it can be connected using a DMX cable.

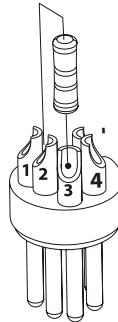
If using a cabled DMX system, connect the DMX in cable (with male 3-pin XLR plug) and out cable (with female 3-pin XLR plug) to the DMX data link. Terminate the DMX out cable of the last fixture in the data link. For outdoor installations, use only IP-rated XLR connectors suitable for outdoor use.

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, dmx in and dmx out, 5 pin XLR connectors

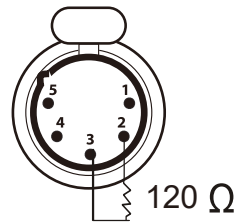
**DMX - INPUT
XLR plug**



Pin1 : GND - Shield
Pin2 : - Signal
Pin3 : + Signal
Pin4 : N/C
Pin5 : N/C



**DMX - OUTPUT
XLR socket**



5. Configuring the fixture for DMX control

About DMX

The fixture can be controlled using signals sent by a DMX controller on a number of channels (which varies depending on the DMX mode that has been set).

The first channel used to receive data from a DMX control device is known as the DMX start address. Each fixture must have a DMX start address set. For example, if a fixture has a DMX address of 10 and it is in 4-channel DMX mode, then it uses channels 10, 11, 12 and 13. The following fixture in the DMX chain could then be set to a DMX address of 14. If two or more DMX fixtures of the same type have the same DMX address, then they will mimic each other's behaviour. Incorrect settings will result in unpredictable responses to the lighting controller,

Setting the DMX address

The DMX address can be seen on the main screen. To change the address setting, press the up arrow to increase the address, or the down arrow to decrease the setting. When the desired address is displayed, press Enter to save the setting.

Note that channel spacing is determined by the DMX mode. See the “DMX protocols” on page 9 for specific DMX control values.

Setting the DMX mode

Using the “DMX mode” menu available from the control panel, specify the DMX mode that provides the fixture controls that you require, confirm chosen mode by pressing ‘Enter’.

6. Cleaning

To maintain optimal performance, regular cleaning is essential. Cleaning schedules will vary depending on the operating environment, and the installation should therefore be checked at frequent intervals within the first few weeks of operation to see whether cleaning is necessary. This procedure will allow you to assess cleaning requirements in your particular situation. Clean the fixture using a soft cloth dampened with a solution of water and a mild detergent. Do not use products that contain solvents, abrasives or caustic agents for cleaning, as they can cause damage to both hardware, cables and connectors.

7. DMX Channel

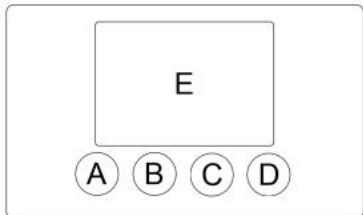
6CH

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

10CH

No.	DMX512 Value	Function
1	0~255	dimmer
2	0~255	Red dimmer
3	0~255	Green dimmer
4	0~255	Blue dimmer
5	0~255	White dimmer
6	0~255	Amber dimmer
7	0~255	UV dimmer
8	0~255	Strobe
9	0~255	Auto
10	0~255	Auto Speed

8. Control menu



Display:

- MENU To return back to the previous menu
- DOWN To go backward in the selected functions
- UP To go forward in the selected functions,
- ENTER To confirm the selected functions

Menu

DMX Setting	Channel DMX address W-DMX Setting W-DMX Pairing Channel List	6/10CH 001-512 On / Off Unpair
setting	Display sleep Dimmer Mode Power Setting Button Lock Lost DMX IRC Setting Emergency Reset	Open/10Sec/20Sec/30Sec Liner / Square / Log High / Normal / ECO On / Off (pass word: up-down-up-down-enter) Clear / Hold On/Off On / Off Yes / No

Manual Control	Manual Dimming Static Colour Auto Timer WiFi Mode Clear RGBWAUV User Colors User Run	RGBWAUV dimming / Strobe (Strobe Speed) C1 - C36 Jump / Fade / Pulse / Combined Start / End / Function / Timer (On/Off) Yes/No Static color / Auto mode
Information	Work Time: Temperature Version RDM UID	000H-999H 30°C-70°C Version 1.1

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

* About how to connect wireless transmitter

First, set “ W-DMX Setting “ for “Yes”, mean turn on the wireless function,
Second, unpair the original pairing and pair again with the new transmitter,
then set the dmx address . about how the unpair the pair, please see “1-3
“below

* How to check whether is success to connect or not.

Set the lights on “ Slave Mode “ and it will show “ connect “ or “ disconnect “.

Wireless transmitter



- * When in “ blue “ color, click “ FUNCTION “ once,it will connect with the lights.
- * Press “ FUNCTION “ until the color change to “ pink “, it means remove all the lights connection.

Some notes about wireless:

1-1. About the wireless from your order, the different transmitter means different wireless frequency. for example, if you have 20 units transmitter(transmitter1, transmitter2.....transmitter20), then you will have 20 wireless frequency, you can divide the battery par into 20 groups and control them separately without interference.

1-2. How to group? for example, you have 40units battery par and 2units transmitter. transmitter1 and transmitter2. you can pair X units par to transmitter1, and (40-X)units par to transmitter2, then get 2 groups, if have more transmitter, also the same way.

1-3. How to unpair? one way is by transmitter, keep press the function button on transmitter for about 3-5 seconds, then the whole group par will unpair, but the transmitter must be the same transmitter when pair.

Another way--please Go to “RF 2.4 FREQ” function, then switching by the up and down buttons for one time, for example, from Yes to No, or from No to Yes, for about 3 seconds, the pairing will be unpair, but it can only remove the pairing between itself and transmitter.

Setting Master/Slave:

If there is 10 fixtures, the first step is to unpair these 10 fixtures with their original transmitter(if the pairing has been unpaired, this operation is not required).

Step 2, set 9 fixtures to Receiving>Yes, then setting the 9 fixtures to DMX model as slave.

Step 3,one of the fixtures used as the master is set to Sending>link, then the other 9 fixtures will be paired with the master, after about 3 seconds, pairing is completed, and the Master/Slave function can be used.

How to connect with WiFi:

- 1.Scanned the below QR code by phone, down load “ LED WiFi “ APP
- 2.Enter into “ WiFi Mode “ in the lights



IR-Remote control

If you want to use the IR Remote remote control, the following are things to note:

1. In the “User Settings” menu, go to the “IRemote” menu item and set the IR Mode to YES

2. Make sure all other operating modes are disabled.

3. Now press the “Quick Color” button near the device. To do this, hold the IR remote control in the direction of the IR receiver, which is located on the front of the device. The remote control is now active.



9. Specification

Light Source:

AC90-240V, 50/60HZ

12x15 high-power RGBWAUV 6IN1 LEDs

50,000 hours expected lifetime 25°lens

beam angle

Control:

0-100% 32bit linear dimming

1-20 times/second strobe

9 DMX channels

4 built in auto mode

Construction:

IP65 Cast aluminum body

IP65 Seetronic powercon in and out

IP65 seetronic 5-pin DMX in and out

Single holder with OMEGA quick lock

Diffuser : 40° optional (fixed with magnetic with safety rope)

Battery:

EVE battery cell, 19Ah high capacity lithium battery

Charging time: 7 hours from 0-100%

Using time for full colors: about 5 hours

Battery certificates: MSDS, UN38.3 Test Report and so on

Charging management system, independent circuit charging and discharging, can use the lights during charging and won't have any bad affect to the battery

Function:

Emergency function

High / Normal / Eco power setting

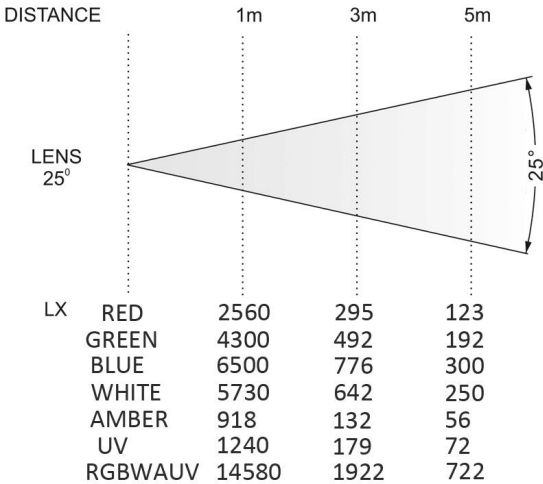
DMX hold on/off

Can edit colors on the lights directly

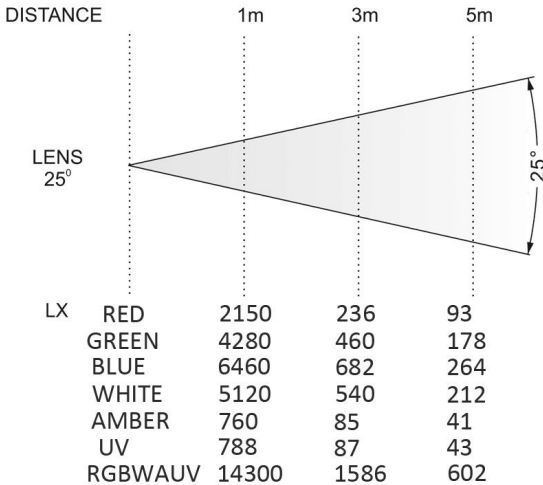
Built-in macro color

10. Photometrics

High power setting:



Normal power setting:



11.Reminder

1. Before using the lights, be better “ Reset ” it first : “System Settings” - “Reset” - “Yes”.
2. When no need to use the IR remote control, please set the “IRC Setting ” on “Off”, for in case it come out interference.
3. When on “DMX Address ” page, the lights are in “ Slave ” automatically.

***Important:**

- A. If the lighting fixture is turned off for charging, please turn on it after about 10 seconds when the charging is completed.
- B. If the power is turned on immediately after charging is completed, you need to enter the menu settings and manually activate the wireless function.
- C. When the wireless is turned on normally, and then powered by a power cable, the wireless is not affected.
- D. Please maintain the battery's power at all times, as a prolonged lack of energy will damage the battery. If the fixture not using for a long time, please charge at least 40% or more for storage.

Battery operation info

This device is equipped with a lithium ion (Li-Ion) battery, characterized by its robustness and longevity. Besides, this is The battery type charges particularly quickly and convinces with its low charge and self-discharge level.

Depending on use, autonomy is intended with a full charge to approximately 24 hours (1 color at 100% in medium operation) up to 5 hours with all colors at high brightness.

This value may vary due to ambient temperature and usage up to six LED colors. The charger is already integrated into the device; The product is both wireless and battery operated and operates with mains voltage 90-240 V, 50-60 Hz.

The LED charge level indicator on the display provides information at all times in percentage steps above the current charge/autonomy status. Only charge the battery if it has been previously discharged. The battery must be charged immediately if the device is not completely discharged, or if the capacity has been deactivated or the displayed percentage value is less than 7%.

After a long period of storage, the battery needs to be recharged if the value has fallen below 50%.

A normal charging process lasts 5 to 7 hours, at maximum power.

The device is designed to be turned off. What if the lamp charges when it is turned on?

When switched on with the charger closed and the device temperature is below 45°C the battery charges with a reduced charging current depending on the selected operating mode and brightness.

It's recommended to charge the batteries at room temperature or temperature between 0°C and 30°C.

However, it is always recommended to charge the lamps only when the charging case is open.

Charge the lithium-ion battery only using the device's built-in charger.

Store the lithium-ion battery at room temperature in its case.

Operation at temperatures that are too high or too low reduces the capacity of the lithium-ion battery.

Never expose the lithium ion battery to mechanical or external shocks mechanical influences.

Never place the lithium ion battery in contact with liquids of any kind. Never expose the lithium-ion battery to fire or open flames.

If you have problems with the Li-Ion battery, only contact a service partner authorized by the manufacturer.

If the Li-Ion battery is defective, only use original spare parts that you can obtain from the service partner authorized by the manufacturer.

If you ever need to replace the battery, be sure to secure the connections against short circuits. A short circuit allows high currents to flow, which can lead to outgassing or even explosions.

Failure to observe the points mentioned above will automatically void the warranty!

The device is marked with a crossed-out trash can and Therefore, it must not be disposed of with normal household waste.

The Li-Ion battery must be separated from the actual device for disposal and recycled properly.

Model: EASYBAT-PL1215B 

Voltage:	90V ~ 240V/50~60Hz 12x15W
LEDs:	RGBWAUV 6IN1 LEDs
IP Rating:	IP65
Beam Angle:	25°
Power Consumption:	100W
Battery:	19Ah high capacity Lithium battery Charging time: 7 hours from 0-100% Using time full colors: about 5 hours
Control Mode:	Linear dimming, Strobe, DMX, Wireless
DMX:	6/10 CH
Body:	Aluminium, TFT display 4 touch button
In&Out:	IP65 Powercon and 5pin DMX
Weight:	5.8 Kgs
Dimensions:	257 x 296 x 259mm
Warranty:	1 Years

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice



<https://www.pluslite.eu/easybat>