



# User Manual

151.230 LED PAR 64 18 x 10W Alu Quad IR DMX

[www.beamzlighting.com](http://www.beamzlighting.com)

## ENGLISH

Congratulations to the purchase of this Beamz light effect. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

**Read the manual prior to using the unit. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.**

- Prior to using the unit, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place metal objects or pour liquids into the unit. This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
- When unplugging the unit from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the unit on. Contact your dealer. Do NOT connect the unit to a rheostat or dimmer.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the unit to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the unit will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the unit has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the unit in humid rooms or outdoors.
- During operation, the housing becomes very hot. Do not touch it during operation and immediately after.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
- Secure the unit with an extra safety chain if the unit is ceiling mount. Use a truss system with clamps. Make sure nobody stands in the mounting area. Mount the effect at least 50cm away from inflammable material and leave at least 1 meter space on every side to ensure sufficient cooling.
- This unit contains high intensity LEDs. Do not look into the LED light to prevent damage to your eyes.
- Do not repeatedly switch the fixture on and off. This shortens the life time.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Only operate the unit with clean hands.
- Do not force the controls.
- If the unit has fallen, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the unit off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the unit.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this unit.
- Keep the original packing material so that you can transport the unit in safe conditions



This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.



This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.



**DO NOT LOOK DIRECTLY INTO THE LENS.** This can damage your eyes. Persons who are subject to epileptic attacks should be aware of the effects that this light effect may have on them. The unit has been certified CE. It is prohibited to make any changes to the unit. They would invalidate the CE certificate and their guarantee!

**NOTE:** To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.

## 1. Safety Instruction



Please read the instruction carefully which including important information about the installation, operation and maintenance.



■ Please keep this User Manual 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 and 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 mains power before fuse replacement or servicing.
- Replace fuse only with the same type.
- Make sure there are not flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this unit.
- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repair carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center and always use the same type spare parts.
- Do not touch any wire during operation as high voltage might be causing electric shock.

## 2. Technical Specification

- It can be operated by DMX512 control or can be used as an individual unit without controller.
- It can be linked together as many as required in master/slave mode, and perform the great built-in programmed lighting shows triggered by music.
- Please use a 3 pin XLR cable/plug when connecting them together.
- Fan cooled.

Supply Voltage: AC110~240V 50/60HZ

Power: 180W

LED: 18×10W Quad LED RGBW

Fuse: 3A

Control Signal: DMX signal

Channel: 7 Channels

Function: DMX, Master-Slave, Auto, Sound active, IR remote control.

Dimensions per unit: 220 X 220 X 325mm

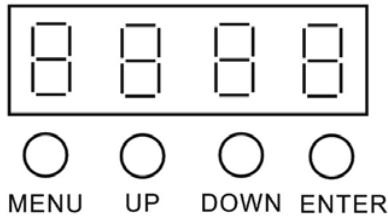
Weight (per unit): 3.2 kg

### 3. 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. Always ensure 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 and has no one pass by or under it.

### 4. How To Control The Unit



Four ways to operation:

- A. Master/Slave operation
- B. Easy sound active and Auto mode
- C. Universal DMX controller
- D. IR remote control

Master/Slave operation

The unit can be linked together in daisy chain as many as you need in master/slave mode to perform the great built-in pre-programmed lighting shows triggered by music.

In Master/Slave mode refer to the DMX settings below:

Master unit: when working at **Auto** or **Sound** Control mode operation

Slave units: DMX start address MUST be set to d001.

Menu for "IR 1" receive IR remote signal, Menu for "IR 0" stop receive IR remote signal.

**LED digital display Menu function as below:**

**DMX code setting: d001~d512**

CH1	0~255	Red
CH2	0~255	Green
CH3	0~255	Blue
CH4	0~255	White
CH5	11~255	LED Strobe (From slow to fast)
CH6	11~50	Auto1 DMX(Strobe)
	51~100	Auto2 DMX(No Strobe)
	101~150	Auto3 DMX (smooth changing color)
	151~200	Sound1 DMX (Strobe)

[www.beamzlighting.com](http://www.beamzlighting.com)

	201~250	Sound2 DMX (No Strobe)
	251~255	Sound3 DMX (smooth changing color)
CH7	0~255	Auto DMX/ Sound DMX Speed (Slow--Fast)

#### Manual setting mode:

A1 Mode	Auto1 setting (Red)	Speed 0~9
A2 Mode	Auto2 setting (Green)	Speed 0~9
A3 Mode	Auto3 setting (Blue)	Speed 0~9
A4 Mode	Auto4 setting (White)	Speed 0~9
A5 Mode	Auto5 setting (Strobe)	Speed 0~9
A6 Mode	Auto6 setting (No Strobe)	Speed 0~9
A7Mode	Auto7 setting (Smooth)	Speed 0~9
A8Mode	Auto8 setting (Fade)	Speed 0~9
A9Mode	Auto9 setting (combined effect)	Speed 0~9
S1 Mode	Sound active1 setting (Red)	Speed 0~9
S2 Mode	Sound active2 setting (Green)	Speed 0~9
S3 Mode	Sound active3 setting (Blue)	Speed 0~9
S4 Mode	Sound active4 setting (White)	Speed 0~9
S5 Mode	Sound active5 setting (Strobe)	Speed 0~9
S6 Mode	Sound active6 setting (No Strobe)	Speed 0~9
S7 Mode	Sound active7 setting (Smooth)	Speed 0~9
S8 Mode	Sound active8 setting (Fade)	Speed 0~9
S9 Mode	Sound active9 setting (combined effect)	Speed 0~9
d Mode	DMX setting.	
IR Mode	"Ir 1" ON receive IR remote signal, "Ir 0" OFF receive IR remote signal.	

## 6. Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- ☐ Clean with soft cloth using normal glass cleaning fluid.
- ☐ Always dry the parts carefully.
- ☐ Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

## 7. Remote control IR introduction

### Automatic Mode

Automatic Mode will enable you to run the automatic programs on the product.

To turn on Automatic Mode:

1. Press AUTO.
2. Press + or – to choose between the 9 different auto programs.

To adjust the speed of the automatic program:

1. Press SPEED
2. Press + or – to increase or decrease the speed of the program.

### Sound Active Mode

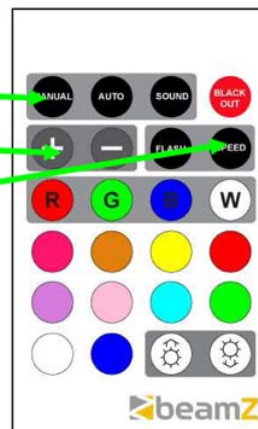
Sound Active Mode will enable the product to respond to the music.

To turn on Sound Active mode:

1. Press SOUND
2. Press + or – to choose between the 9 different sound programs.

To adjust the speed of the automatic program:

1. Press SPEED
2. Press + or – to increase or decrease the speed of the program.



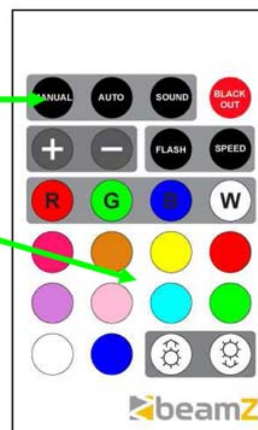
### Manual Colour Control

To choose a preset colour:

1. Press MANUAL
2. Press any of the 10 preset colour

To manually adjust the RGB(W) percentage:

1. Press MANUAL
2. Press R, G, B or (W) to choose the LED colour.to adjust
3. Press + or – to increase or decrease the percentage of the colour.



### Miscellaneous Operation

**To black out the lights:**

Press BLACK OUT.

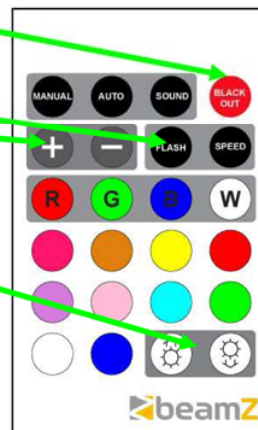
This will turn off all the LED's until the button is pressed again

**To adjust the strobe rate**

1. Press FLASH
2. Press + or – to increase or decrease the flash rate.
3. Press FLASH again to turn off the strobe.

**To adjust the total brightness**

Press O or O to increase or decrease the brightness







Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.



#### WARRANTY CONDITIONS

The date the product leaves the importer is considered to be the date the warranty begins. Only companies approved by **Tronios** are allowed to work on the equipment. During warranty period (defective) equipment must be returned to the dealer by pre-paid mail in the original box. Potentiometers have a limited lifetime and are not covered by the manufacturer for more than normal use.

For all service enquiries, refer to your local distributor, as he is best able to help you.

***Do not attempt to make any repairs yourself. This would invalid your warranty. Do not make any changes to the unit. This would also invalid your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. Tronios cannot be held responsible for personal injuries caused by a disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.***

## ES

- Las especificaciones y el diseño están sujetas a cambios sin previo aviso.

## PROTECCIÓN DEL MEDIO AMBIEN

Al fin de la vida útil del conjunto, tenga en cuenta que contiene materiales que pueden ser reciclados/ procesados.

No deseché el conjunto a un contenedor normal de basura, sino llévelo a un depósito para pequeños desperdicios químicos. Esto aplica también a las baterías.

## NL

### Afgedankte artikelen !!

Raadpleeg eventueel [www.wecycle.nl](http://www.wecycle.nl) en/of [www.vrom.nl](http://www.vrom.nl) v.w.b. het afdanken van elektronische apparaten in het kader van de WEEE-regeling. Vele artikelen kunnen worden gerecycled, gooi ze daarom niet bij het huisvuil maar lever ze in bij een gemeentelijk depot of uw dealer. Lever ook afgedankte batterijen in bij uw gemeentelijk depot of bij de dealer, zie [www.stibat.nl](http://www.stibat.nl) .

*Alle (defecte) artikelen dienen gedurende de garantieperiode altijd retour te worden gezonden in de originele verpakking.*

*\* Onder voorbehoud :*

*Specificaties zijn specifiek, toestel kan hiervan afwijken. Specificaties kunnen veranderd worden zonder kennisgeving.*

***Voer zelf geen reparaties uit aan het toestel; in élk geval vervalt de totale garantie.***

***Ook mag het toestel niet eigenmachtig worden gemodificeerd, ook in dit geval vervalt de totale garantie.***

***Ook vervalt de garantie bij ongevallen en beschadigingen in elke vorm t.g.v. onoordeelkundig gebruik en het niet in acht nemen van het gestelde in deze gebruiksaanwijzing. Tevens aanvaardt Tronios geen enkele aansprakelijkheid in geval van persoonlijke ongelukken als gevolg van het niet naleven van veiligheidsinstructies en waarschuwingen . Dit geldt ook voor gevolgschade in welke vorm dan ook.***

## DE

**Tronios BV Registrationsnummer : DE51181017 (ElektroG).**

Dieses Produkt darf am Ende seiner Lebensdauer nicht über den normalen Haushaltsabfall entsorgt werden, sondern muss an einem Sammelpunkt für das Recycling abgegeben werden. Hiermit leisten Sie einen wichtigen Beitrag zum Schutze unserer Umwelt.

**Tronios BV Registrationsnummer : 21003000 (BatterieG).**

Lithiumbatterien und Akkupacks sollten nur im entladenen Zustand in die Altbatteriesammelgefäße bei Handel und bei öffentlich-rechtlichen Entsorgungsträgern gegeben werden. Bei nicht vollständig entladenen Batterien Vorsorge gegen Kurzschluß treffen durch Isolieren der Pole mit Klebestreifen.

**Der Endnutzer ist zur Rückgabe von Altbatterien gesetzlich verpflichtet.**

Die Spezifikationen sind typisch. Die Werte können leicht von einem Gerät zum anderen ändern. Spezifikationen können ohne vorherige Ankündigung geändert werden.

*Alle (fehlerhafte) Ware bitte immer in der Originalverpackung an den Fachhändler senden.*

\*Änderungen und Druckfehler vorbehalten.



## CE Declaration of Conformity

Importer: TRONIOS BV  
Bedrijvenpark Twente 415  
7602 KM - ALMELO

Tel : 0031546589299  
Fax : 0031546589298  
The Netherlands

Product number: **151.230**

Product Description: Beamz, LED PAR 64 Can 18x 10W Alu Quad IR DMX

Regulatory Requirement: EN 60598-1/-2  
EN 55015  
EN 61547  
EN 61000-3-2/-3-3

The product meets the requirements stated in the above mentioned Standards. This certificate does not cover the aspects that may be relevant such as performance and fitness for purpose.

*Almelo,*

*26-02-2013*

*Signature :*

A handwritten signature in black ink, appearing to be 'J. de' or similar, written over a light blue grid background.