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## USER MANUAL

### ***LED BLADE P64 MKIII***

Please read this user manual before using this product



## Introduction

Thank you for purchasing the LED BLADE P64 MKIII par fixture. For your own safety and knowledge, please read this manual before installing or operating the device. This manual covers the important information on installation and applications. Please install and operate the fixture according to instructions. Meanwhile, please keep this manual for future reference.

The LED BLADE P64 MKIII par fixture is manufactured following CSA standards, complying with international standard DMX512 protocol. This fixture is applicable but not limited to large scale live performances, theater, studio, nightclubs and discos.

The LED BLADE P64 MKIII par fixture features 36 LEDs (9 Red) (9 Green) (9 Blue) (9 White). Please carefully unpack it when you receive the fixture and check if it was damaged during the transportation.

Please check whether the following items are included inside the box:

Item	Quantity
LED BLADE P64 MKIII fixture	1
Power cord	1
User Manual	1
Blade Bracket	2

## Safety Instructions



**CAUTION!**  
ELECTRIC SHOCK WARNING!  
USE EXTREME CAUTION WHEN HANDLING WIRES.

This device has been delivered in safe working condition. In order to maintain this condition and to ensure safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.



**Important:**

*Damage caused by the disregard of this user manual are not subject to warranty.  
The dealer will not accept liability for any resulting defects or problems.*

If the device has been exposed to temperature changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature, and is dry.

This device falls under protection-class I, therefore it is essential that the device be grounded. The electrical connection must be carried out by a qualified technician.

The device should only be used with rated voltage and frequency. Make sure that the available voltage is not higher than 120V as stated at the end of this manual.

Make sure the power cord is never crimped or damaged in any way, as this could cause shock and damage. If your power cord is damaged in any way, please purchase a new cable from your local MICROH dealer. Always disconnect power, when the device is not in use or before cleaning it. Never pull out the plug by tugging the power cord.

During initial start-up, some smoke or smell may arise. This is a normal process, and does not necessarily mean that the device is defective. It should decrease gradually. Please do not project the beam onto combustible substances.

Fixtures cannot be installed on or near combustible substances. Keep more than 50cm distance from wall for proper ventilation and air flow. If your fixture is or has become damaged in any way, it shall be exclusively replaced or repaired by the manufacturer to avoid any hazard.



**CAUTION!**  
Never touch the device during operation!  
The housing may heat up!



**CAUTION!**  
Never look directly into light source,  
as sensitive persons may suffer from an epileptic shock.



**CAUTION!**  
The electric connection must only be carried out by a qualified electrician

## Mounting and Installation

**Caution:** For added protection, mount the fixtures in areas outside walking paths, seating areas, or in areas where the fixture might be reached by unauthorized personnel. Before mounting the fixture to any surface, make sure that the installation area can hold a minimum point load of 10 times the device's weight. Fixture installation must always be secured with a secondary safety attachment, such as an appropriate safety cable. Never stand directly below the device when mounting, removing, or servicing the fixture.

Whether installing inverted on a truss / ceiling or set on a flat level surface (see illustration below). Be sure this fixture is kept at least 0.5m (1.5 ft.) away from any flammable materials (decoration etc.). Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.

**Mounting Points:** Overhead mounting requires extensive experience, including calculating working load limits. A knowledge of the installation material being used and periodic safety inspection of all installation material and the fixture are all imperative and should only be performed by a qualified technician. Improper installation can result in bodily injury and damage.

Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

**Clamp Mounting:** The MICROH DJ LED BLADE P64 MKIII provides a unique mounting bracket assembly that integrates 2 brackets to be used to mount on a truss or the floor. When mounting this fixture to truss, be sure to secure an appropriately rated clamp to the included bracket fitted through the center hole. As an added safety measure, be sure to attach at least one properly rated safety cable to the fixture.



Regardless of the rigging option you choose for your LED BLADE P64 MKIII, always be sure to secure your fixture with a safety cable. The fixture provides a built-in rigging point for a safety cable on the hanging bracket as illustrated above. Be sure to only use the designated rigging point for the safety cable and never secure a safety cable to a carrying handle.

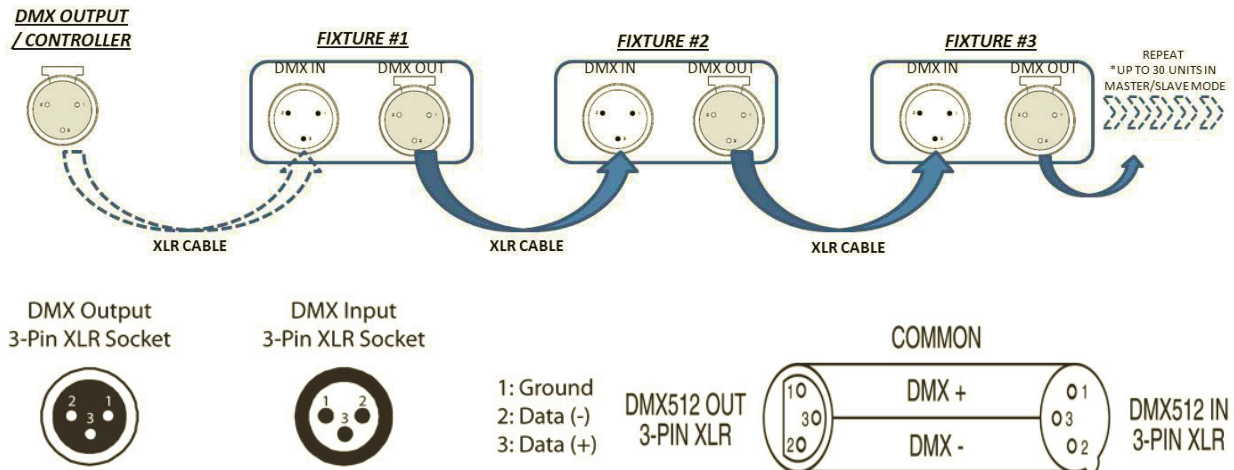
**Proper Usage:** This product is for overhead mounting only. For safety purposes, MICROH DJ recommends mounting lighting effect products on steady elevated platforms or sturdy overhead supports using suitable hanging clamps. In all cases, use safety cables. Obtain appropriate mounting hardware from your lighting vendor.

## **Operation Stipulation**

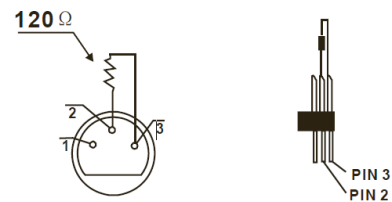
- This fixture can only be used indoors and it must be the consistent power condition
- Please pay attention to the installation and do not swing or mishandle the fixture in any way while using it.
- Please be sure the lamp is located in an area that isn't too hot or damp. Before installation make sure that you have 0.5m clearance between the fixture and the subject that is being illuminated.
- Please use appropriate and safe power line to connect the fixture
- Please be sure to familiarize yourself with the lamp functions before operating, since damage is mainly due to improper operation. Thus professional operation is needed for this fixture.
- Please use original packaging while transporting this unit.
- Please do not modify the lamp. Any unauthorized or nonprofessional operation is not guaranteed by the factory, any breakdown and damage, the factory has no obligation for maintenance.

## DMX512 Control Data Connection:

This fixture complies with international USITT DMX standards and can be used with a 3 pin DMX connector. Plug in the 3 pin XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the LED battery par light. To connect the units to DMX, you must daisy chain the fixtures together as referred in the diagram below. Always end your DMX-512 connection with a DMX terminator

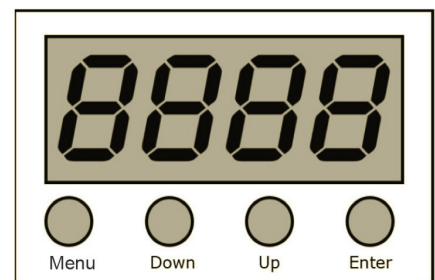


For installations where the DMX cable has to run a long distance, or is in an electrically noisy environment, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR a 120 120  $\Omega$  resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below:



## Key Description

- MENU:** Access the menu
- DOWN:** "reduction key" or "key under the selected"; decrease the value function down menu.
- UP:** "add key" or "selection on the key"; increase Lou = value function, shift on the menu
- ENTER:** "OK button"; to determine the function into the user selected (that is to stop the ongoing functions, run the function the user selected items)



## Menu Display

Number	Display Show	Function
1	d001-d512	DMX mode
2	CHnd	4 or 8 channel selection
3	Auxx/Soxx	Au01-Au08: RGBW Colour mixing Au09: Colour jumping Au10: Colour fade So01-So02: Sound mode
4	St00	St00: Master to strobe St00:-St16: Strobe slow to fast
5	SP00-SP16	Colour jumping and colour gradient speed (slow to fast)
6	R000-R255	Red dimmer
7	G000-G255	Green dimmer
8	B000-B255	Blue dimmer
9	U000-U255	White dimmer
10	Iron-IroF	Infrared remote control

## IR Remote Controller Instruction

1. Press the "MENU" button, select "Iron " then can use the IR remote controller
2. Key Description:
  - FLASH = Auto run
  - STROBE = Strobe
  - FADE = Color gradient
  - SMOOTH = Sound control



## DMX512 Controller Channel Function

### 4 Channel Mode

Channel	Value	Function
1	000-255	Red dimmer
2	000-255	Green dimmer
3	000-255	Blue dimmer
4	000-255	White dimmer

### 8 Channel Mode

Channel	Value	Function
1	000-255	Dimmer
2	000-255	Red dimmer
3	000-255	Green dimmer
4	000-255	Blue dimmer
5	000-255	White dimmer
6	004-255	Strobe (slow to fast)
7	000-019	Red
	020-035	Green
	036-051	Blue
	052-067	White
	068-083	Yellow/Amber
	084-099	Purple
	101-109	Dark Cyan
	110-127	Cyan
	128-169	Colour snap
	170-210	Colour fade
	211-255	Sound mode (slow to fast)
8	000-255	Colour snap/ Fade speed control (slow to fast)

## Specifications

<b>Voltage:</b>	AC120V, 60Hz 5A
<b>Power Consumption:</b>	60W
<b>LED Quantity:</b>	36x1 Watt (9 Red) (9 Green) (9 Blue) (9 White)
<b>Function:</b>	DMX512, Sound Control, Auto, Master/Slave, IR Remote
<b>Beam Angle:</b>	25°
<b>DMX Channel:</b>	4 CH/ 8 CH
<b>Display:</b>	LCD function show
<b>Net Weight:</b>	1.5Kg
<b>Product Size (mm):</b>	268 x 67 x 245

## Maintenance And Cleaning

The following points have to be considered during the inspection:

1. All screws for installing the device or parts of the device must be tightly connected, and must not be corroded.
2. There must not be any deformations on the housing, colour lenses, fixations or installation spots (ceiling, suspension, trussing).
3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances
4. The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the

### CAUTION

Disconnect from mains before starting maintenance operation.



In order to keep the fixture in good condition and extend the life, we suggest regular cleaning to the fixture.

1. Clean the inside and outside lens each week to avoid the light output from darkening due to accumulation of dust, dirt, etc.
2. Clean the fan each week.
3. A detailed electrical check by approved technician every three months is advised. Ensure the circuit contacts are in good condition.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents.

### PLEASE NOTE:

All information for this product is subject to change without notice!



For more information please contact:

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