



WWW.LIGHTEMOTION.COM.AU

P64LEDLITEWW

183 Warm White LEDs



User's instruction manual

This manual contains important information about the safe installation and use of this product
Please read this instruction manual carefully before installing or operating
Please keep these instructions in a safe place for future reference



Congratulations on the purchase of your P64LEDLITEWW by Light Emotion. We are confident that you will be satisfied with your purchase. We have prepared this manual to assist you with the care and operation of this item.

CONTENTS

SECTION	Page
WHAT IS INCLUDED, SAFETY INSTRUCTION	2
POWER, FUSE, FEATURES, INSTALLATION	3
MAINTENANCE & PERIODIC CHECKS, CONNECTIONS AND CONTROLS, DIP SWITCHES	4
DMX LEADS, DMX TERMINATORS, STANDALONE, MASTER/SLAVE MODE	5
DMX CHANNEL INFORMATION, DMX MODE, FAQ	6
SPECIFICATIONS	7

Please note that as part of our ongoing commitment to continuous improvement and product development, the specifications in this manual are subject to change without notice. Whilst every care has been taken in the preparation of this manual we reserve the right to change specifications in the course of product improvement.

WHAT IS INCLUDED:

CAUTION: Do not use sharp objects whilst unpacking this product

- 1x P64LEDLITEWW lighting effect
- 1x Manual

SAFETY INSTRUCTIONS:

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

- 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.
- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on the rear panel of the fixture.
- This product is intended for indoor use only! To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surface. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse source.
- Secure fixture to fastening device using a safety chain.
- Maximum ambient temperature is 40°C. Do not operate fixture at temperatures higher than this.
- 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.
- Never connect the device to dimmer pack.
- Make sure power cord is never crimped or damaged.
- Never disconnect power cord by pulling or tugging on the cord.
- Never carry the fixture directly from the cord. Always use the hanging/mounting bracket.
- Avoid direct eye exposure to the light source while it is on.

POWER

CAUTION: This lighting effect is designed to operate at 240V.
Power Consumption: 30W

FUSE

CAUTION:

Only use the correct fuse as specified on the rear panel of the lighting effect.
Disconnect the lighting effect from the mains before attempting to replace the fuse.

To replace the fuse please follow the following steps:

1. Remove the fuse by unscrewing the cap out with a screwdriver. (Refer to Fig 1)
2. Remove existing fuse.
3. Fit new fuse.
4. Refit the fuse holder.

Fuse: M205 0.5A fast



Fig.1

FEATURES

Warm White LED par can
Dimming and strobing
DMX-512 controllable with 2 channels

INSTALLATION

CAUTION: For safe mounting read the following instructions carefully.

- Use suitable hook clamps* for hanging the lighting effect.
- Use a safety wire* with a breaking strain of more than double the lighting effect.
- Do not look directly into the light source.
- Make sure the lighting effect has suitable ventilation as per the instructions below.
- This lighting effect is intended for indoor use only.
- To avoid electrical shock keep away from rain and moisture.
- Keep unit out of reach from children.

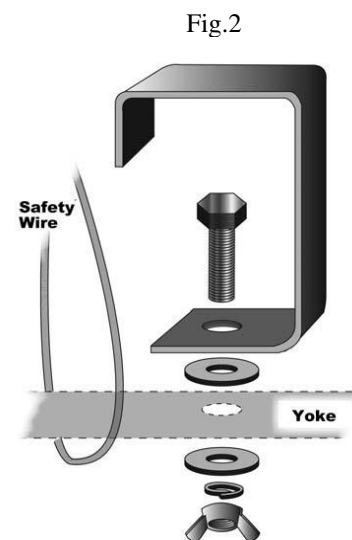


Fig.2

NOTE:

Use washers* and spring washers* when attaching your hook clamp* to the yoke.

1. For installation of the hook clamps* and safety wire* please refer to Fig 2.
2. This lighting effect must be 0.5m away from any flammable materials or any walls or ceilings.
3. Do not block or inhibit the air flow from the ventilation holes.

Light Emotion have various hook clamps* and safety wires* suitable for your product. Please contact your local dealer for more information *Not included.

MAINTENANCE & PERIODIC CHECKS

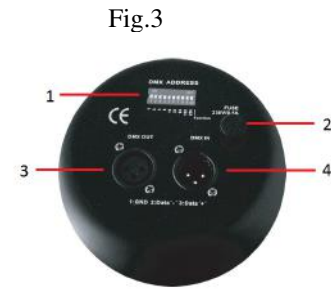
CAUTION:

Some maintenance and checks may require the product to be opened and should only be done by qualified persons. Warranty may be void if damage has been caused by improper maintenance.

Perspex lenses should be wiped with a clean moist cloth to remove dust and residue.

CONNECTIONS AND CONTROLS

1. DIP Switches
2. Fuse Holder
3. DMX output socket
4. DMX input socket



DIP SWICHTHES

The DIP switches allow the user to change the mode and operation of the lighting effect by setting the switches to different combinations.

Table 4

Mode	dip 1	dip 2	dip 3	dip 4	dip 5	dip 6	dip 7	dip 8	dip 9	dip 10	Function
Sound activated	X	X	X	X	X	X	X	X	1	0	Sound activation mode. Unit flashes to sound.
DMX	C	C	C	C	C	C	C	C	C	1	DMX mode. Dip 10 on, then 1-9 determine the DMX channel. CH1 Dimming CH2 Function & strobing
Other	1	0	0	0	0	0	0	0	0	0	All LEDs full on
DMX	0	0	0	0	0	0	0	0	0	1	Black out

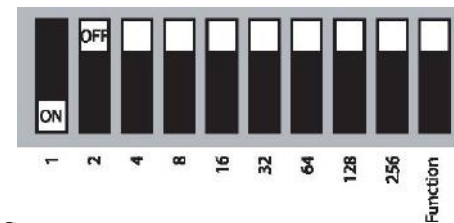
DMX

To use this fixture in DMX mode, dip switch 10 must be on. To determine the starting address for the each lighting effect you should refer to your DMX controller user manual.

Calculating the starting address

To calculate the starting address you add the value of all the switches which are 'ON' and that value is the address that is required. (Refer to Fig 5). For example channel 17 will be switch 1 and 5 turned on.

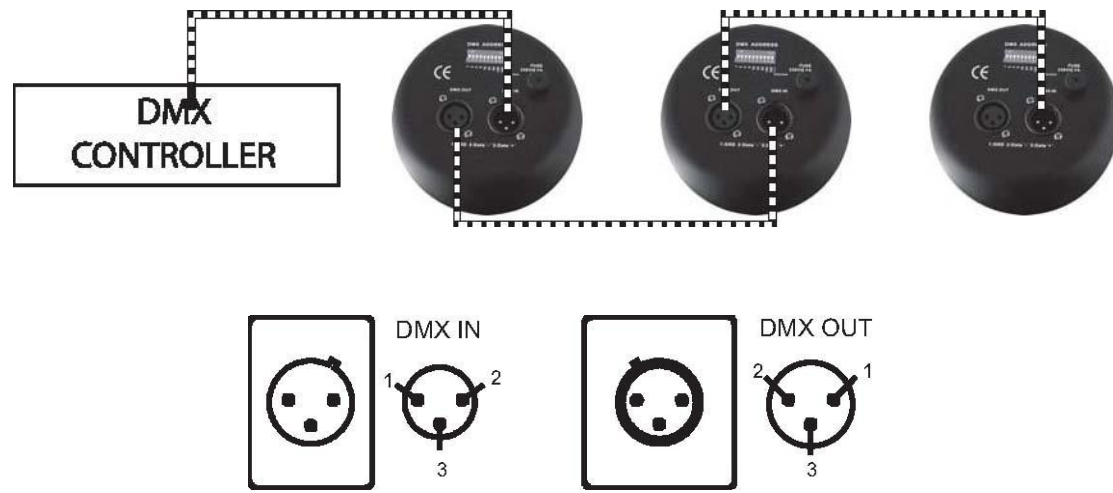
Fig.5



DMX LEAD

The DMX lead is used to link up multiple units. For Wiring connections refer to Fig 6.

Fig. 6



DMX TERMINATOR

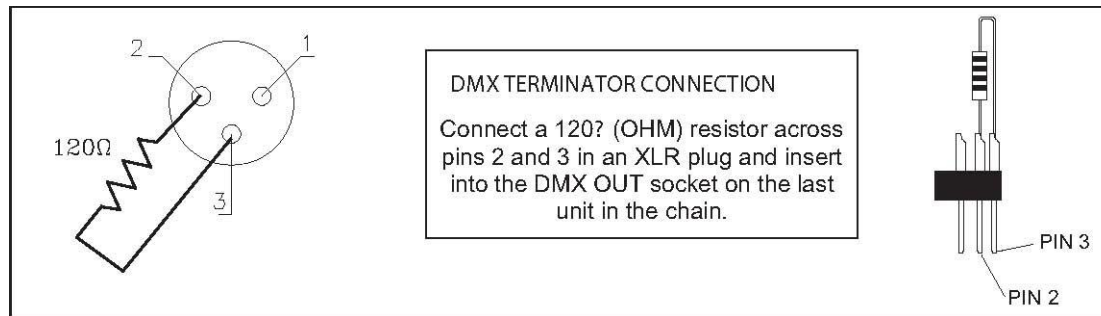


Fig 7

A DMX terminator helps to reduce ‘noise’ on the DMX chain, and makes the light respond to control more accurately. It should be plugged in to the last fixture in any chain. For Terminator connections refer to Fig 7

STAND-ALONE

There are no stand-alone patterns as such – by having dip switch 1 on only, the unit will provide constant warm white light at full output.

By having dip switch 9 on only, the unit will run in sound activation and flash to the sound. Dip switch 9 on overrides dip switch 1 being on.

DMX CHANNEL INFORMATION

The P64LEDlite uses 4 DMX channels as per table 9.

Table 9

Channel	Value	Effect
1	000 - 255	Dimmer
2	000 - 010	Black out
	011 - 020	Setting for using dimming function with the value of ch 1 determining the brightness

DMX MODE

NOTE:

To determine the address required you should refer to your DMX controller's manual

Do not forget to use a DMX terminator

Do not forget to turn off the 'Blackout' on your controller

CONNECTION

To connect the P64LEDlite in DMX mode you need to use a 3 pin DMX lead (Refer to Fig 6) from the DMX output socket of the controller to the DMX input socket of the 1st unit, then from the DMX output socket of the 1st unit to the DMX input socket of 2nd unit and so on and so forth.

SETTINGS

You then need to set each P64LEDlite to the addresses required by setting the DIP switches as per the table in the DIP switch section.

FREQUENTLY ANSWERED QUESTIONS

Symptom	Fault
Unit does not power up	Check that the power outlet is turned on and fuse is OK Check that the mode is set correctly and that you are controlling the unit correctly
Units do not work or is uncontrollable when linked or in DMX mode	Check that the mode is set correctly, check that all the leads are OK, check that the controller is set to pin 3 +ve) (If using DMX the lead should come out of the DMX output socket)

SPECIFICATIONS

- Voltage: 240V AC
- Power Consumption: 30W
- Operating Frequency: 50Hz
- Power lead: Fixed 1m
- Fuse: M205 0.5A fast blow
- Sound activated: Yes
- Stand-alone mode No
- DMX: 2 channels
- Ch1: Dimming. Ch 2: Strobing
- Linkable: Yes
- Effects / Control: DIP switch controlled
- Colours: 1.6M colours
- Output power / level: 183 LEDs
- 183 Warm White
- Input connection: DMX: Male 3 pin XLR
- Output connection: DMX: Female 3 pin XLR
- Colour: Black
- Weight: 2.3Kg



- Dimensions: L310mm x W250mm x D250mm