

PAR18 RGB



Copyright triAngle lights
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1. INTRODUCTION

Please read this user manual carefully and thoroughly before operation.

1.1 What is Included

- a) 1X Par18W rgb
- b) 1X user manual

Carefully unpack the carton, check the contents to ensure that all parts are present and in good condition. Contact your supplier if any part is missing or damaged.

1.2 Safety Instructions



WARNING!!! To reduce risk of fire, electric shock, or injury, follow these important safety instructions

- This product is intended for indoor use only!
- Always turn off, unplug power and allow fixture to cool before servicing.
- Ensure that fixture is properly grounded.
- 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 decal or rear panel of the fixture.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure no ventilation slots are blocked.
- Make sure power cord is never crimped or damaged.
- Do not look into the beam from a distance of less than 40 cm (16 inches).

1.3 Product Features

- RGB color mixing from 18X1W RGB leds
- 5 modes: Auto, Sound, DMX, Master/Slave
- DMX: 4CH.
- Compact Size, Big Output

2. SET UP

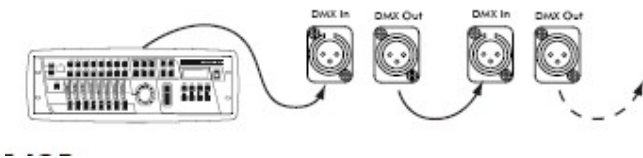
2.1 Mounting

With adjustable mounting double brackets, this unit may be wall mounted, free standing, or clamp mounted.

IMPORTANT!!! Safety cables must always be used. The safety cable must be capable of holding 10 times the weight of the fixture.

2.2 Fixture Linking

To run your light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows on two or more fixtures in master/slave operating mode, you need DMX cables to link the units from DMX IN to DMX OUT.



2.3 AC Power

The fixture is designed to work on 100V-240V 50/60Hz.

Warning!!! All fixtures must be connected to circuits with a suitable Earth Ground.

3 OPERATION INSTRUCTIONS

3.1 Dip Switches Settings

Switch On	Function
1	Red
2	Green
3	Blue
5	RGB Strobe. use dips 1-4 for speed
6	Color Change. use dips 1-4 for speed
7	Color Fade. use dips 1-4 for speed
8,or 9	Sound Active Mode
10	Dmx mode, use 1-9 for address. Use 1 to set it as slave unit in master slave mode

3.2 Sound Mode

In this mode, the fixture runs built-in program to the beat of music.

1. Switch on dip 8 or 9.
2. Sound sensitivity level has been preset at a proper level when this item is shipped. It can only be adjusted from a blue knob on the mother board, which means you will have to open the housing to do so when necessary

3.3 Dmx Mode

1. Switch on Dip 10 for Dmx mode.
2. Use dip 1-9 for address setting.
3. Connect the Dmx In to a Dmx OUT of a dmx controller, or another fixture in the daisy chain.

Dmx Chart:

Ch1	0-127	Master Dimmer 0-100%
	128-250	Strobe, from slow to fast
	251-255	RGB ON 100%
Ch2	0-255	Red Dimmer, 0-100%
Ch3	0-255	Green Dimmer, 0-100%
Ch4	0-255	Blue Dimmer, 0-100%

3.4 Master/Slave Mode

In this mode, multiple units can be linked together as one system and run in sync. Maximum 31 pcs can be linked in a daisy chain as Master/Slave system.

1. Use DMX cable to link your fixtures together from DMX OUT to DMX IN connector.
2. One of the fixtures is to be set as Master and this Master unit needs to work under Auto, Sound or Static Color mode. Others are to be set in SLAVE mode using Dip 1.
3. Operate the Master fixture to run the whole system.

4.SERVICING

4.1 Fuse Replacement

1. Unscrew the fuse holder and remove the damaged fuse.
2. Replace with exact same type fuse and screw the fuse holder back in its place.

4.2 Cleaning

To maintain optimum performance fixtures should be cleaned frequently.

Unplug fixture from power and allow the fixture to cool down. Use a vacuum or air compressor and a soft brush to remove dust collected on the plastic cover or lens.

Disconnect from mains before servicing.

5. TECHNICAL SPECIFICATIONS

WEIGHT&DIMENSIONS

Length	15cm
Depth	12cm
Height	12cm
Weight	1kg
Package Dimension	13X13X20cm

POWER

AC Power	AC110-240V	50/60Hz
Power Consumption	25W	MAX.
Fuse	2A	

LIGHT SOURCE	1W Leds
Red	6
Green	6
Blue	6
Beam Angle	25 degree

IMPORTANT INFORMATION!

In order to optimize the recovery and recycling of the materials that old appliances contain and reduce the impact on human health and the environment, ensure that this product is recycled at the end of its life.

