

LED PAR



User Manual

Professional Entertainment Equipment

Features

Multi-Colors
Color Strobe
Electronic Dimming 0-100%
Built in Microphone
DMX-512 Control
Auto/Master&Slave synchronization
Multi-channel mode
Dip switch to choose menu

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize you with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

Unpacking:

Thank you for purchasing the RGBPAR64-03. Every RGBPAR64-03 has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without first contacting.

Introduction:

The RGBPAR64-03 is a DMX Control PAR light. This LED PAR is light weight and compact which makes it a great piece for mobile DJ's and clubs. This unit can be used as a stand alone, or a sound-active mode. The unit can also be controlled via DMX controller.

Caution!

There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufacturer's warranty. In the unlikely event your unit may require service please contact the manufacturer or your dealer.

Specifications

Model:	LED-PAR64-10183-RGB
Voltage:	110V / 60Hz
Power consumption:	30W
Colors:	RGB Color Mixing
LED:	Red 60 x 10mm; Green 63 x 10mm; Blue 60 x 10mm
Gross Weight:	2.3Kgs
Dimensions:	230(H) x 230(W) x 180(L) mm
Fuse:	2 A
DMX:	5 DMX Channel
Working position:	Any safe Secure Position

Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

Trouble Shooting

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:

1. Check that the DMX cables are connected properly and are wired correctly (pin 3 is hot; on some other DMX devices pin 2 may be 'hot'). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

Unit does not respond to sound:

1. Quiet or high pitched sounds will not activate the unit. If problems are not resolved, contact your dealer for service.

Please recycle the shipping carton when ever possible.

Safety Precautions

Be sure that the local power outlet match that of the required voltage for your unit.

Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.

Disconnect from main power before making any type of connection.

Do not remove the cover under any conditions. There are no user serviceable parts inside.

Never operate this unit when it's cover is removed.

Never plug this unit in to a dimmer pack.

Always be sure to mount this unit in an area that will allow proper ventilation.

Allow about 6 inch (15cm) between this device and a wall.

Do not attempt to operate this unit, if it becomes damaged.

During long periods of non-use, disconnect the unit's main power.

Always mount this unit in safe and stable matter.

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.

Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See Cleaning for details.

Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

The fixture should be serviced by qualified service personnel when:

- A. The power-supply cord or the plug has been damaged.
- B. Objects have fallen, or liquid has been spilling to the appliance.
- C. The appliance has been exposed to rain or water.
- D. The appliance does not appear to operate normally or exhibits a marked change in performance.

Set Up

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your RGBPAR64-03-183.

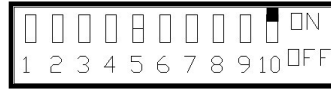
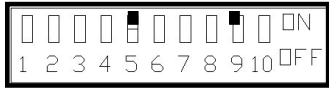
The RGBPAR64-03-183 is available in a 110v to 250v version. Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you fixture.

A. Manual Mode (fixed color, w/o color changing w/o chasing)

1. Link up more than 2 units or more and set Master and Slave

Master: DIP switch 9 and 5 at ON

Slave: DIP switch 10 at ON



2. To set color by setting dip switches of Master unit:

DIP 1 ON: Red LED at medium brightness;

DIP 2 ON: Red LED at high brightness;

DIP 3 ON: Green LED at medium brightness;

DIP 4 ON: Green LED at high brightness;

DIP 5 ON: Blue LED at medium brightness;

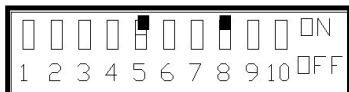
DIP 6 ON: Blue LED at high brightness;

- ! The above settings cannot work with DMX-512 controller.
- ! When two or more LEDs are in serial, settings applies to Master only. DO NOT make any settings on Slaves. Otherwise, there will be unexpected color changing.
- ! DO NOT set DIP switch 7 at ON.

B. Sound-active Mode

Master: DIP switch 8 and 5 at ON

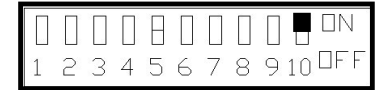
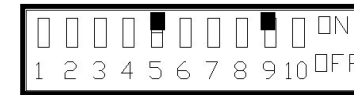
Slave: DIP switch 10 at ON



C. Built-in Chases Mode

1. To set Master and Slave

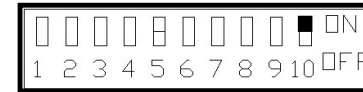
Master: DIP switch 9 and 5 at ON. Slave: DIP switch 10 at ON



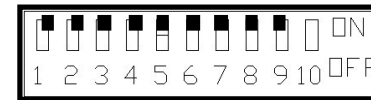
2. To set chase speed by setting DIP switch 1-6 of the Master

D. DMX-512 Mode

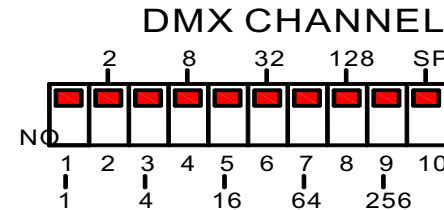
1. To set DIP switch 10 of all units at ON.



2. To set address code by setting DIP switch 1-9 of each unit.



3. The total value of the DIP switches is the address code.



4. Each unit occupies 5 DMX channels, functions as below:

DMX ChannelFunction

Channel 10-255 Strobe

Channel 20 Close 1-255 Brightness Adjust

Channel 30-255 (R) Brightness of red color

Channel 40-255 (G) Brightness of green color

Channel 50-255 (B) Brightness of blue color

As each units occupies 5 DMX channels, the address code of the first unit should be set as 0; and the second as 5; third, 10; fourth, 15.....