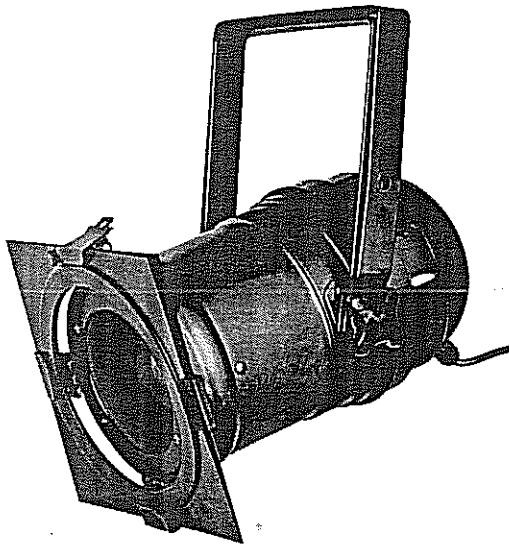


lightmaXX

USER MANUAL

# LED PAR 64 COB 100W RGB



## USER MANUAL

# LED PAR 64 COB 100W RGB



### CAUTION!

Keep this device away from rain and moisture!  
Unplug mains lead before opening the housing!

For your own safety, please read this user manual carefully before you initially start-up.

Every person involved with the installation, operation and maintenance of this device has to

- be qualified
- follow the instructions of this manual
- consider this manual to be part of the total product
- keep this manual for the entire service life of the product
- pass this manual on to every further owner or user of the product
- download the latest version of the user manual from the Internet

## INTRODUCTION

Thank you for having chosen a LED PAR 64 COB 100W RGB. If you follow the instructions given in this manual, we are sure that you will enjoy this device for a long period of time.

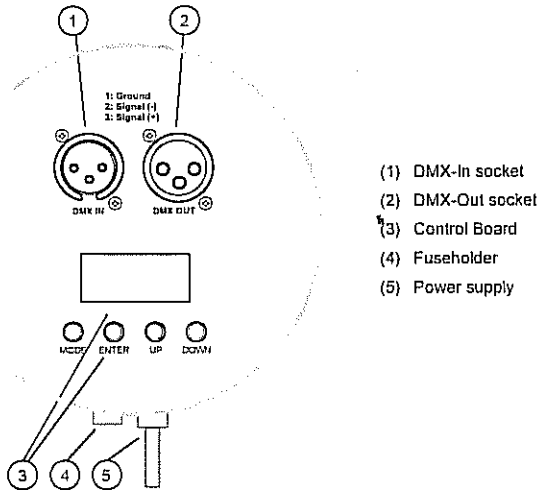
Unpack your LED PAR 64 COB 100W RGB.

## DESCRIPTION

### Features

- Professional spot in DMX format with COB LED
- Equipped with a powerful RGB 100W COB LED
- Functions: static colors, RGB color blend, internal programs, dimmer and strobe settings via DMX, Master/Slave
- Dimmer speed (step response) adjustable
- Operable in stand-alone mode or DMX interface
- 3 or 5 DMX channels selectable for numerous applications
- Sound-control via built-in microphone
- Adjustable microphone sensitivity via LCD display
- Comfortable addressing and setting via control panel with LCD display and four operating buttons
- Locking possibility at the mounting bracket
- With color filter frame
- Ready for connection via power cord with safety-plug
- DMX512 control possible via any commercial DMX controller
- Available in silver or in black

## Overview



## OPERATION

After you connected the spot to the mains, the LED PAR 64 COB 100W RGB starts running. The display lights up and you can choose the desired mode via the buttons MODE, ENTER, UP, DOWN.

The device has two operating modes. It can be operated in Stand Alone or in DMX-controlled mode.

### Stand-alone mode

In the stand-alone mode, you can do without a controller. Disconnect the LED PAR-64 COB 100W RGB from the controller.

### Control Board

The Control Board offers several features: you can simply set the starting address or the brightness.

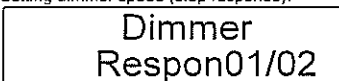
Browse through the main menu by pressing MODE. You can browse through the selection menu and confirm your choice by pressing ENTER. You can change the selection by pressing UP or DOWN. The functions provided are described in the following sections.

#### Setting DMX Channel Mode:



The device has 2 DMX channel modes. Press the MODE button until the display shows CHANNEL. Press the ENTER button. You can select the DMX channel mode CH05 or CH03 via the UP or DOWN button. Confirm your choice by pressing ENTER.

#### Setting dimmer speed (step response):



Press the MODE button until the display shows DIMMER. Press the ENTER button. You can select the dimmer speed: RESPON01 (response characteristics LEDs) or RESPON02 (response characteristics of halogen lamps) via the UP or DOWN button. Confirm your choice by pressing ENTER.

## Colors and Chaser

Setting colors:

1. STATIC  
RGB 600

1. STATIC  
300 F00

Press the MODE button until the display shows 1. STATIC. Press the ENTER button. You can select the colors and its brightness via the UP or DOWN button.

Press the ENTER button to select the flash setting, respectively. You can select the desired value (from 00 to 99, increasing) via the UP or DOWN button.

### Chaser

A chaser is a sequence of different steps that will be called up one after another in a continuous loop. With the EUROLITE LED PAR 64 COB RGB 100W, you can select 3 different chasers.

Selecting a chaser:

2. CHANGE  
SPD 1-99 F00-99

Press the ENTER button to select 2. CHANGE. To select 3. CHANG3 or 4. DREAM press the UP/DOWN button (see following graphic).

Press the ENTER button to select speed and flash settings, respectively. You can select the desired values via the UP or DOWN button.

3. CHANG3  
SPD 1-99 F00-99

Speed from 01 to 99, increasing.

Flash from 00 to 99, increasing.

4. DREAM  
SPD 1-99 F00-99

2. CHANGE	7 colors change
3. CHANG3	3 colors change
4. DREAM	Color dreaming

Setting microphone sensitivity:

sound  
sens:00-31

Press the MODE button until the display shows SOUND. Press the ENTER button. You can select the desired sensitivity (from 0 to 31, increasing) via the UP or DOWN button. Confirm your choice by pressing ENTER.

Slave Mode:

SLAVE  
MODE

Press the MODE button to select the SLAVE MODE. The devices set in this manner can now be controlled by the master unit (s. chapter Master/Slave-operation).

### Master/Slave-operation

The master/slave-operation enables that several devices can be synchronized and controlled by one master-device.

On the rear of the LED PAR-56 COB 60W RGB you can find an XLR-jack (DMX Out) and an XLR-plug (DMX In), which can be used for connecting several devices.

Choose the device which is to control the effects. Set the desired Master-mode on the master-device. This device then works as master-device and controls all other slave-devices, which are to be connected to the master-device via a balanced microphone lead. Connect the DMX out connectors with the DMX input plug of the next device.

Set the Slave-mode on every slave-device.

### DMX-controlled operation

The device has 2 DMX-modes. The Control Board allows you, as described above, to assign the DMX-Mode. You can control the devices individually via your DMX-controller. Every DMX-channel has a different occupation with different features.

The Control Board allows you to assign the DMX fixture address, which is defined as the first channel from which the LED PAR 64 COB 100WRGB will respond to the controller.

Please, be sure that you don't have any overlapping channels in order to control each LED PAR 64 COB 100W RGB correctly and independently from any other fixture on the DMX-chain. If several LED PAR 64 COB 100W RGB are addressed similarly, they will work synchronically.

If you set, for example, the address to channel 4, the device will use the channel 4 to 6 for control.

Controlling:

After having addressed the LED PAR-64 COB 100W RGB, you may now start operating it via your lighting controller.

Note: It's necessary to insert the XLR termination plug (with 120 Ohm) in the last lighting in the link in order to ensure proper transmission on the DMX data link.

### DMX-protocol

DMX mode:



Press the MODE button until the display shows DMX MODE. Press the ENTER button. You can select the desired DMX address via the UP or DOWN button. Confirm your choice by pressing ENTER.

### 5 Channel Mode

Channel:	Value:	Function:
1	000 - 255	Red (0 - 100%)

Channel:	Value:	Function:
2	000 - 255	Green (0 - 100%)

Channel:	Value:	Function:
3	000 - 255	Blue (0 - 100%)

Channel:	Value:	Function:
4	000 - 255	Dimmer (0 - 100%)

Channel:	Value:	Function:
5	000 - 000	No function
	001 - 005	Sound Control (7 colors)
	006 - 010	ON
	011 - 255	Strobe (increasing)

### 3 Channel Mode

Channel:	Value:	Function:
1	000- 255	Red (0- 100%)

Channel:	Value:	Function:
2	000- 255	Green (0- 100%)

Channel:	Value:	Function:
3	000- 255	Blue (0- 100%)

## CLEANING AND MAINTENANCE



### **DANGER TO LIFE!**

Disconnect from mains before starting maintenance operation!

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

There are no serviceable parts inside the device except for the fuse. Maintenance and service operations are only to be carried out by authorized dealers.

#### Replacing the fuse

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating.

Before replacing the fuse, unplug mains lead.

#### Procedure:

- Step 1: Unscrew the fuseholder with a fitting screwdriver from the housing (anti-clockwise).
- Step 2: Remove the old fuse from the fuseholder.
- Step 3: Install the new fuse in the fuseholder.
- Step 4: Replace the fuseholder in the housing and fix it.

Should you need any spare parts, please use genuine parts.

If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards.

Should you have further questions, please contact your dealer.

## TECHNICAL SPECIFICATIONS

Power supply:	230 V AC, 50 Hz ~
Power consumption:	120 W
DMX control channels:	3/5
DMX512 connection:	3-pin XLR
Sound-control:	via built-in microphone
LED type:	Array Cluster 100 W, RGB
Number of LEDs:	1
Beam angle:	30°
Dimensions (LxWxH):	240 x 195 x 390 mm
Weight:	2,6 kg
Maximum ambient temperature $T_a$ :	45° C
Maximum housing temperature $T_c$ :	60° C
Min. distance from flammable surfaces:	0,50 m
Min. distance to lighted object:	0,10 m
Fuse:	F 2 A, 250 V