



LED PAR 64-18-QUAD-COLOR



LCG-079

User Manual

Please read the instructions carefully before use

1. SAFETY INSTRUCTIONS:

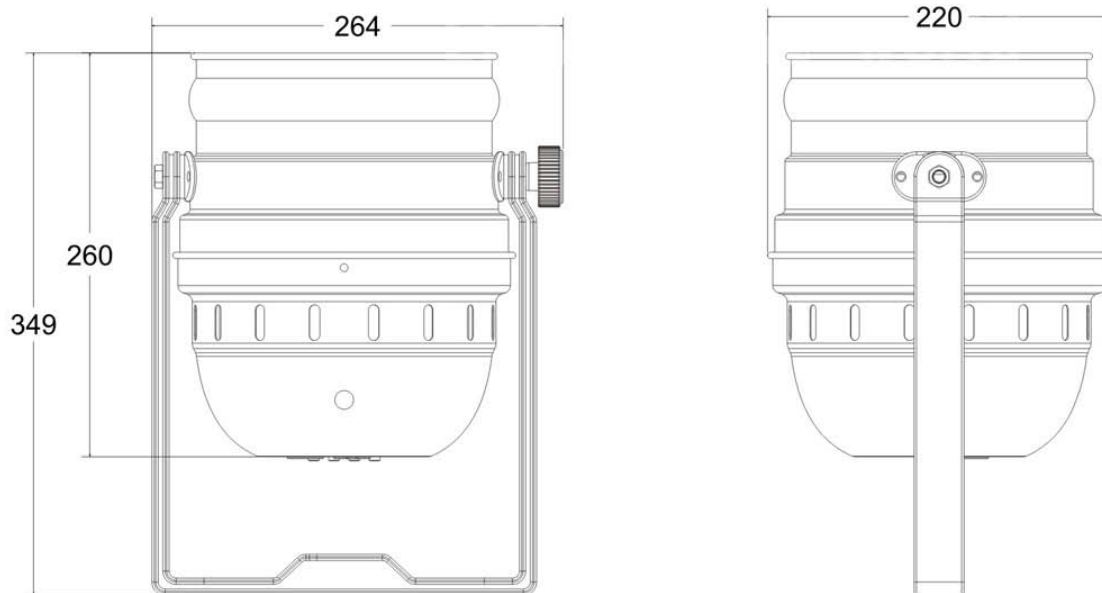
- Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Unpack and check carefully there is no transportation damage before using the fixture.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Disconnect main power before servicing and maintenance.
- Use safety chain when fixing this fixture. Don't handle the fixture by taking its head only, but always by taking its base.
- Maximum ambient temperature is TA: 40°C. Don't operate it where the temperature is higher than this.
- The unit is for indoor use only. Use only in a dry location.
- Don't connect the device to any dimmer pack.
- Make sure there are no flammable materials close to the unit while operating, as it is fire hazard.
- The housing or the lenses must be replaced if they are visibly damaged
- Do not allow children to operate the unit.
- Replace fuse only with the same type.
- 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.
- Disconnect the mains power if the unit is not used for a long time
- Do not look directly at the Led Light beam while the unit is on
- To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.

2. INSTALLATION:

- The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.
- The unit must be fixed by professionals. And it must be fixed at a place where it is out of the touch of people and has no one pass by or under it.

3. TECHNICALS SPECIFICATIONS

- Led: 18 x 8W QUAD RGBW
- Each Led is 8W (each color is 2W)
- Beam angle: 40°
- Black and short housing
- Dual yoke for floor mounting
- Led display
- 3 Pin XLR In and Out
- Thermal protection
- Cooling system
- Operations Modes: Built-in Program / Auto Run / DMX / Master Slave / Sound Activated
- DMX-512: 1 / 4 / 4 / 4 / 5 / 5 / 7 channels selectable
- Power Consumption: 160W
- Power supply: 120V-60Hz
- Size: 31 x 23 x 23 cm
- Weight: 3.0 kg



4. OPERATIONS:

1. BUILT-IN Program

- a. Press MODE button, Pr
- b. Press UP or DOWN button, select the effect program Pr-01-Pr.11. When LED display show Pr.01, press SETUP button enter edit the static color, press UP or DOWN button , can select 14 kinds of static colors built-in program (1.-r ; 2.-rg; 3.-g; 4.-gb; 5.-b.; 6.-rb; 7.-rgb; 8.-w; 9.-FL; 10.-rw; 11.-gw; 12.-bw; 13.-yw; 14.-uw), Press SETUP again , trough UP or DOWN button adjust the brightness, press SETUP button can setup the flash “FSxx”, trough UP or DOWN button, adjust the speed of the flash FS00-FS99.

When LED display show Pr.02-Pr.11, the first press SETUP button, will be show “SP.XX”. Now trough UP or DOWN setup the running speed SP01-Sp100(FL). The second time press SETUP button, will be show “FSxx”, now can through UP or DOWN button setup the speed of flash FS00-FS99.

2. Auto run mode

Press MODE button, enter auto run mode menu “AUTO”, The light will be auto run 10 kinds od built-in program Pr.02-Pr.11. The user setup the built-in program Pr.02-Pr.11 like running speed, flash speed, the setting program will be auto run in order.

3. DMX mode

- A. Press MODE button, enter DMX mode menu “d..xxx »
- B. Press UP or DOWN button, setup DMX address d.001-d.512
- C. Press SETUP button, setup DMX mode menu X-ch
- D. Press UP or DOWN button, setup DMX mode 1-ch, 4-ch-1, 4-ch-2, 4-ch-3, 5-ch-1, 5-ch -2, 7-ch

DMX MODE 1: 1 CHANNEL (1 CH)

CHANNEL	VALUE	FONCTION
CH 1	0-22	Red
	23-45	Green
	46-68	Blue
	69-91	Lite Blue
	92-114	Yellow
	115-137	Orange
	138-160	Lite Pink
	161-183	Pink
	184-206	UV
	207-229	Lite Green
	230-252	Cold White

	253-255	Warm White
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DMX MODE 2: 4 CHANNELS (4C-1)

CHANNEL	VALUE	FUNCTION
1	0-255	RED
2	0-255	GREEN
3	0-255	BLUE
4	0-255	DIMMER

DMX MODE 3: 4 CHANNELS (4C-2)

CHANNEL	VALUE	FUNCTION
1	0-255	RED
2	0-255	GREEN
3	0-255	BLUE
4	0-255	WHITE

DMX MODE 4: 4 CHANNELS (4C-3)

CHANNEL	VALUE	FUNCTION
1	0-255	DIMMER
2	0-255	RED
3	0-255	GREEN
4	0-255	BLUE

DMX MODE 5: 5 CHANNELS (5C-1)

CHANNEL	VALUE	FUNCTION
1	0-255	RED
2	0-255	GREEN
3	0-255	BLUE
4	0-255	WHITE
5	0-255	DIMMER

DMX MODE 6: 5 CHANNELS (5C-2)

CHANNEL	VALUE	FUNCTION
1	0-255	DIMMER
2	0-255	RED
3	0-255	GREEN
4	0-255	BLUE
5	0-255	WHITE

DMX MODE 7: 7 CHANNELS (7C)

CHANNEL	VALUE		FUNCTION
CH1	0-255		Master dimming
CH2	Red color dimming	0-255	Red color dimming
	43 kinds of static color can be chosen (it is available when the 7ch is 0-22)	Move each 5 to change another color	43 kinds of static color
	Speed adjution (control the program speed of CH7 (23-252) selected)	0-255	0-255 slow-fats

	When CH7 is between 253-255, it can adjust the sound sensitivity	0-255	Adjust the sound sensitivity
CH3		0-255	Green color dimming 0-255
CH4		0-255	Blue color dimming 0-255
CH5		0-255	Cool white color dimming 0-255
CH6		0-9	NO FUNCTION
		10-255	STROBE (slow-fats)
CH7		1-22	In CH2 can choose 43 kinds of static color
		23-45	Pr02 (gradual change1)
		46-68	Pr03 (gradual change2)
		69-91	Pr04 (jumping change1)
		92-114	Pr05 (jumping change2)
		115-137	Pr06 (fantasy change1)
		138-160	Pr07 (fantasy change2)
		161-183	Pr08 (red color gradual change)
		184-206	Pr09 (green color gradual change)
		207-229	Pr10 (blue color gradual change)
		230-252	Pr11 (cool white color gradual change)
		253-255	Sound active mode

On mode 7, When CH7 on 0-22, CH2 can choose the static color of built-in program, but the function of red color dimming will be temporary failure: CH3,CH4 will be temporary failure. CH7 on 23-252, Ch2 adjust the speed of built-in program of the CH7, but the function of sound active, the CH2 can adjust the sensitivity of sound active, but the function of red color dimming will be temporary failure: CH3, CH4, CH5 will be temporary failure. The CH7 not as 0, on CH2, CH3, CH4, CH5 the function of red color/blue color/green color/cool white dimming will be temporary failure.

5. MASTER/SLAVE MODE

Press MODE button, enter slave mode "SLAV"

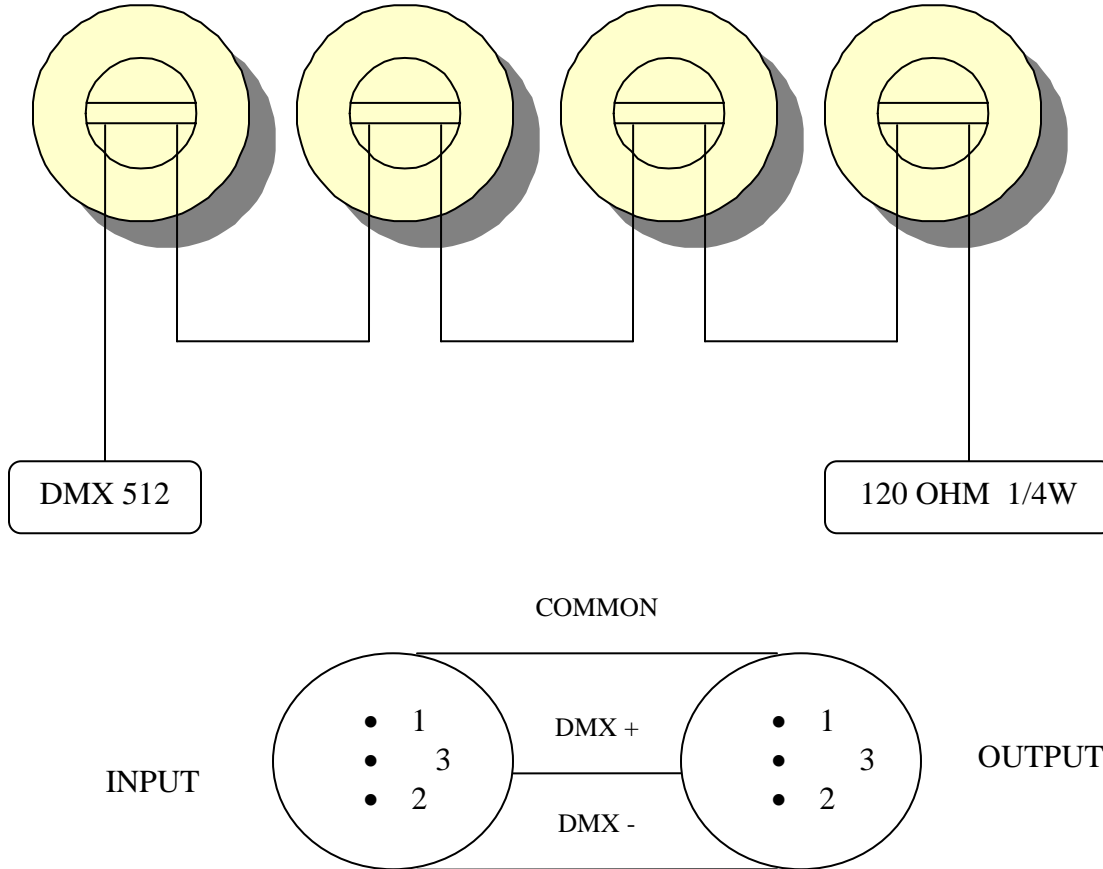
The effect program of the master light on Built-in program, auto run or sound active mode is the same with the slave light.

6. SOUND ACTIVATED MODE:

- A.** Press MODE button ,enter sound active mode "SU.xx".
- B.** Press UP or DOWN button, setup the value sensitivity of sound active SU.00-SU.31

7. DMX512 CONNECTIONS:

The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels.



Termination reduces signal errors and to avoid signal transmission problems and interference. It is always advisable to connect a DMX terminal. (resistance 120ohm 1/4W) between pin2 (DMX-) and pin3 (DMX+) of the last fixture.

1. Connect the fixture together in a "daisy chain" by XLR plug cable from the output of the fixture to the input of the next fixture. The cable cannot be branched or split to a 2Y" cable. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system.
2. The DMX output and input connectors are pass-through to maintain the DMX circuit when no power is connected to the fixture.
3. At last fixture, the DMX cable has to be terminated with a terminator to reduce signal errors. Solder a 120-ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.
4. Each lighting fixture needs to have an address set to receive the data sent by the controller. The address number is between 0-511 (usually 0 & 1 are equal to 1).

5. 3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+).

Notice:

A. If no any touch the button within 20 seconds, the LED display will be close, if touch any button at this time, the LED display will be recover the original status. All the button will be recover the function,

B. This light have the excess temperature self defective function. When the brightness is obvious reduce, please check if the fan work in normal, after clear the trouble clear, please power supply, the light will be release defend, and work in normal.

8. TROUBLESHOOTING

Following are a few common problems that may occur during operating. Here are some suggestions for easy troubleshooting:

- **The fixture does not work, no light & the fan does not work:**
 1. Check the connection of power and main fuse.
 2. Measure the mains voltage on the main connector.
- **Not responding to DMX controller:**
 1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
 2. If the DMX Led is on and no response to the channel, check the address settings and DMX polarity.
 3. If you have intermittent DMX SIGNAL problems, check the pins on connectors or on PCB of the fixture or the previous one.
 4. Try to use another DMX controller
 5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.
- **No response to the sound:**
 1. Make sure the fixture does not receive DMX signal
 2. Check microphone to see if it is good by tapping the microphone.
- **One of the channels is not working well:**
 1. The stepper motor might be damaged or the cable connected to the PCB is broken
 2. The motor's drive IC on the PCB might be out of condition.

9. FIXTURE CLEANING:

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optic.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully

- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.