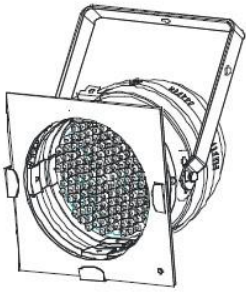


# USER MANUAL

## LED PAR 64



### **1. User Instruction**

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

### **SAFETY INSTRUCTIONS**

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

- be qualified
- follow the instructions of this manual

**CAUTION!** Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

- This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.
- Important: Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.
- Keep away from heaters and other heating sources!
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the powercord from time to time.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- Shields, lenses or ultraviolet screens shall be changed if they have become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches.
- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Make sure that the available voltage is not higher than stated in this manual.
- Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.
- During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.

**DANGER OF BURNING!** Never touch the device during the operation! The housing heats up to the housing temperature TSURFACE.

- Don't switch the device on and off in short intervals as this would reduce the lamp's life.

**HEALTH HAZARD!** Never look directly into the light source, as sensitive persons may suffer an epileptic shock (especially meant for epileptics)!

- Always disconnect from the mains, when the device is not in user or before cleaning it.
- Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.
- Keep away children and amateurs from the device!
- There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

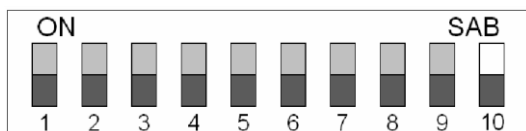
### **2. Operation instructions:**

This system has DMX Online mode and Stand-alone Mode. Online mode can link other units and be controlled by the DMX controller. And Stand-alone Mode has the functions of Sound, Auto Mixcolor and Strobe and so on.

Do not receive any DMX signal under Master/Slave mode  
Master setting MODE2/3/4 Slave setting DMX MODE1.

If a DMX signal is present under Online mode, the DMX LED will blink very fast to indicate. While under Master/Slave mode, Master's LED indicator will light and Slave's one will blink to indicate.

## 2.1. DMX MODE

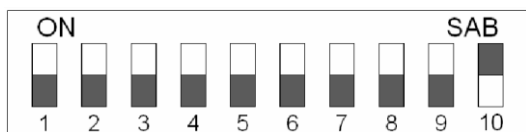


DIP10=OFF

DIP1~ DIP9:DMX address setting (0=OFF, 1=ON)

DIP9	DIP8	DIP7	DIP6	DIP5	DIP4	DIP3	DIP2	DIP1
0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
address= $(DIP9*2)^8+(DIP8*2)^7+(DIP7*2)^6+(DIP6*2)^5+(DIP5*2)^4+(DIP4*2)^3+(DIP3*2)^2+(DIP2*2)^1+(DIP1*2)^0$								

## 2.2. Audio Mode

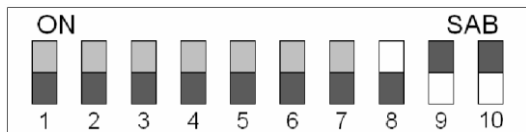


DIP10=ON

DIP9=OFF

DIP1~ DIP8 : any condition

## 2.3. Mix color Mode



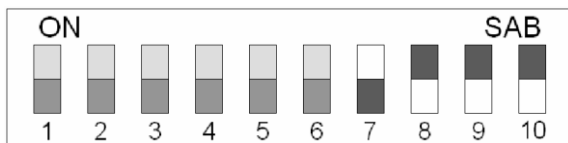
DIP10=ON

DIP9=ON

DIP8=OFF

DIP1~ DIP7:mix color speed

## 2.4. R/G/B Manual Mode



DIP10=ON

DIP9=ON

DIP8=ON

DIP7=OFF

DIP1~ DIP6:see figure below

DIP1	DIP2	R	DIP3	DIP4	G	DIP5	DIP6	B
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
ON	OFF	33%	ON	OFF	33%	ON	OFF	33%
OFF	ON	66%	OFF	ON	66%	OFF	ON	66%
ON	ON	100%	ON	ON	100%	ON	ON	100%

## 2.5. DMX MODE

	CH6	CH1	CH2	CH3	CH4	CH5	CH6	
	MODE	R	G	B	Macro Mode	Speed /Strobe	mode	Function
1	(0-31) Set color	0	0	0	0(off)	0-15static 16-255strobe speed	(0-31) color setting	Off
		1-255	1-255	1-255	1-255 Macro Mode			RGB/strobe
2	(32-63) Dim mode	0-15	0-15	0-15	NA	0-255 Adjust speed	(32-63) Dim mode	No output
		16-255	16-255	16-255				selecting color and strobe to change speed
3	(64-95) Light mode	0-15	0-15	0-15			(64-95) Light mode	selecting color and strobe to change speed
		16-255	16-255	16-255				dim & light mode selecting color and strobe to change speed
4	(96-127) dim & light mode	0-15	0-15	0-15			(96-127) dim & light mode	mix color adjust mix color speed
		16-255	16-255	16-255				
5	(128-159) mix color	NA	NA	NA			(128-159) mix color	7 color sound control
6	(160-191) 3colors strobe	NA	NA	NA			(160-191) 3colors jump	
7	(192-223) 7colors strobe	NA	NA	NA	(192-223) 7colors jump			
8	(224-255) audio mode	NA	NA	NA	(224-255) audio mode			

## 3. Technical specification

Input Power: 100-240V AC, 47-63Hz (120V AC, 60Hz, 0.32A / 230V AC, 50Hz, 0.16A Power

Consumption: 23W Max

DMX Channel: 6

LED Amount: R/G/B 48\*3

## 4. Macro mode figure

	R	G	B		R	G	B
Black	0	0	0	Macro Mode 18	0	145	212
Macro Mode 1	255	206	143	Macro Mode 19	0	121	192
Macro Mode 2	254	177	153	Macro Mode 20	0	129	184
Macro Mode 3	254	192	138	Macro Mode 21	0	83	115
Macro Mode 4	254	165	98	Macro Mode 22	0	97	166
Macro Mode 5	254	121	0	Macro Mode 23	1	100	167
Macro Mode 6	176	17	0	Macro Mode 24	0	40	86
Macro Mode 7	96	0	11	Macro Mode 25	209	219	182
Macro Mode 8	234	139	171	Macro Mode 26	42	165	85
Macro Mode 9	224	5	97	Macro Mode 27	0	46	35
Macro Mode 10	175	77	173	Macro Mode 28	8	107	222
Macro Mode 11	119	130	199	Macro Mode 29	107	156	231
Macro Mode 12	147	164	212	Macro Mode 30	165	198	247
Macro Mode 13	88	2	163	Macro Mode 31	0	0	189
Macro Mode 14	0	38	86	Macro Mode 32	255	255	255
Macro Mode 15	0	142	208				
Macro Mode 16	52	148	209				
Macro Mode 17	1	134	201				

