



www.kam.co.uk

Due to constant product development all specifications are subject to alteration without notice.



LED **PAR 64M**

PRODUCT MANUAL

www.kam.co.uk

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

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

Master: DIP switches 7, 8, 9 and 10 at OFF



Slave: DIP switches 9 at OFF, 10 at ON



2. To set colour 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;

- All linked slave units' colour will be same as master unit
- The above settings cannot work with a DMX controller.
- When two or more LEDs are in serial, settings applies to Master only. DO NOT set any dip switches on Slaves. Otherwise, there will be unexpected colour changing.
- DO NOT set DIP switch 8 at ON.

B. Sound-active Mode

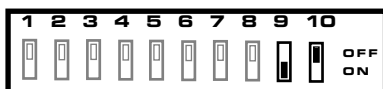
Master: set the master unit: DIP 10 at OFF and set DIP 8 at ON

Slave: set DIP switch 9 at OFF and 10 at ON

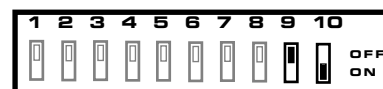


C. Built-in Chases Mode

1. To set Master and Slave
Master: DIP switch 9 at ON, 10 at OFF

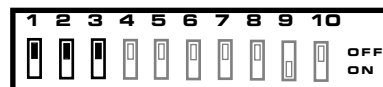


Slave: DIP switch 9 at OFF, 10 at ON



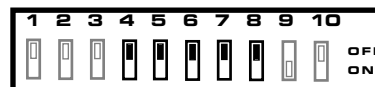
- Built-in chases mode can be run a link consists of 4 pcs of units.

2. To set built-in chase by setting DIP switch 1-3 of the Master.



DIP switch status			Chase
1.OFF	2.OFF	3.OFF	Chase 1
1.ON	2.OFF	3.OFF	Chase 2
1.OFF	2.ON	3.OFF	Chase 3
1.ON	2.ON	3.OFF	Chase 4
1.OFF	2.OFF	3.ON	Chase 5
1.ON	2.OFF	3.ON	Chase 6
1.OFF	2.ON	3.ON	Chase 7
1.ON	2.ON	3.ON	Chase 8

3. To set chase speed by setting DIP switch 4-7 of the Master.



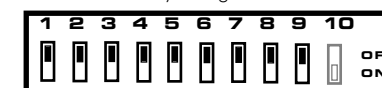
DIP switch status	Speed
4.ON	Fastest (15 sec per chase)
5.ON	Fast (20 sec per chase)
6.ON	Slow (30 sec per chase)
7.ON	Slowest (60 sec per chase)
8.ON	Minimum 120 sec approx

D. DMX 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.

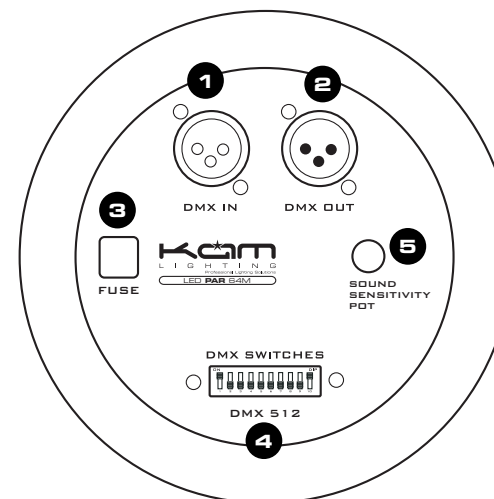


DIP switch	1.ON	2.ON	3.ON	4.ON	5.ON	6.ON	7.ON	8.ON	9.ON
Value	1	2	4	8	16	32	64	128	256

- The total value of the DIP switches is the address code.
- 3. Each unit occupies 4 DMX channels, functions as below:

DMX Channel	Function
Channel 1	0 Close; 1-127 Strobe speed; 128-255 Brightness
Channel 2	0-255 (R) Brightness of red colour
Channel 3	0-255 (G) Brightness of green colour
Channel 4	0-255 (B) Brightness of blue colour

As each units occupies 4 DMX channels, the address code of the first unit should be set as 0; and the second as 4; third, 8; fourth, 12 ...



FEATURES AND CONNECTIONS

1. DMX input via xlr
2. DMX output via xlr
3. Fuse holder for internal fuse
4. DMX address dip switches
5. Sound sensitivity adjustment pot

WARNING !!!!
PLEASE MAKE SURE THIS UNIT IS DISCONNECTED FROM THE MAINS SUPPLY BEFORE OPENING THE CASING OR CARRYING OUT ANY SERVICING OR REPAIRS.