

INVOLIGHT

LED SPOT80

USER MANUAL V1.0 EN



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.

INTRODUCTION

Thank you for having chosen **LED SPOT80**. If you follow the instructions given in this manual, we are sure that you will enjoy this device for a long period of time.

Features:

- *36 pcs high power 1W LEDs, RGB color mixing
- *Either sound-controlled or via DMX
- *5 DMX channels
- *Stand-alone operation with master/slave

OPERATION

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 8 ON, the others at OFF

Slave: DIP switch 1 and 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;

- ※ All linked slave units' color will be same as master unit
- ※ The above settings cannot work with DMX 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 8 at ON.

Sound-active Mode

Master: set the master unit: Set DIP 8 at ON, the others at OFF

When DIP 7 at ON, Colour hard changing with strobe by bass will be active

When DIP 8 at ON, Colour hard changing without strobe by bass will be active

Slave: set DIP switch 1 and 10 at ON

Built-in Chases Mode

1. To set Master and Slave

Master: DIP switch 9 at ON

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.

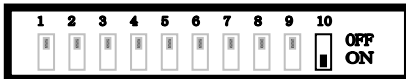
DIP switch status			Chase
1.OFF	2.OFF	3.OFF	Chase 1
1.ON	2.OFF	3.OFF	Chase 2
1.OFF	2.ON	3.OFF	Chase 3
1.ON	2.ON	3.OFF	Chase 4
1.OFF	2.OFF	3.ON	Chase 5
1.ON	2.OFF	3.ON	Chase 6
1.OFF	2.ON	3.ON	Chase 7
1.ON	2.ON	3.ON	Chase 8

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

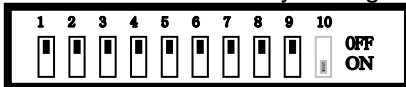
DIP switch status	Speed
4.ON	Fastest (15 sec per chase)
5.ON	Fast (20 sec per chase)
6.ON	Slow (30 sec per chase)
7.ON	Slowest (60 sec per chase)

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 5 DMX channels, functions as below:

DMX Channel	Function
Channel 1	0-255 Dimming 0% - 100%
Channel 2	0-255 (R) Brightness of red color
Channel 3	0-255 (G) Brightness of green color
Channel 4	0-255 (B) Brightness of blue color
Channel 5	0-009 NO FUNCTION,, 010-255 STROBE SLOW~ FAST

As each units occupies 5 DMX channels, the address code of the first unit should be set as 0; and the second as 4; third, 8; fourth, 12 ...

TECHNICAL SPECIFICATIONS

Power supply	220V-240V AC, 50-60 Hz
Power consumption	40W
Sound-control	Via built-in microphone
Packing size (LxWxH)	228 x 228 x 34 mm
Net Weight	2.25 kg
Gross Weight	2.50 kg
Maximum ambient temperature t_a	45° C
Maximum housing temperature t_b (steady state)	60° C
Fuse	F1A, 250 V

Please note: Every information is subject to change without prior notice.