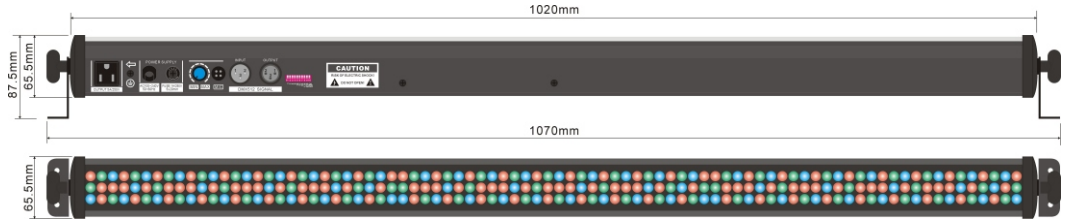
BI-LD002 LED DMX-LED INTELLIGENT BAR



Operating Manual

A. Package
※ **I-LD002** x 1pcs
※ **Operating Manual** x 1pcs

B. Installation
※Please hang this light into the suitable place with suitable angle (if operate this light in external place, please remember to get some water-proof cover to protect them)
※To connect the cable and put into power, then the light stay in the status to receive the operating signal like: music, Automatic, DMX512 etc. **Take note:** Please cut off the power line if you will not operate it for a certain time.
※To connect the signal cable, plug one side into IN socket in the back of light and plug another side into OUT signal connector in the DMX512 board, (signal input: **1=>Ground**, **2=>data-, 3=>data+)**

C. Function:
※ Automatic model(stand alone):7 color change/7 color strobe/7 color Automatic changing /7 color automatic fade in and fade out / 7 color chase/ sound color changing
※ Synchronization model (master and slave)
※
※ DMX-512 Model

D. Maintenance。
※Use the soft cloth to clean the light and check if the screw is loose or not during certain period, if loose, please fix them tightly.

E. Working place
※ Indoor, ※ temperature:：-20-- 45℃ ※humidity：0％－90％

F. Detail function as belows:

FUNCTIONS	1	2	3	4	5	6	7	8	9	10
RED	ON									
GREEN		ON								
BLUE			ON							
STROBE	SLOW	MED	FAST	FASTES	ON	CYAN	MAGENTA	YELLOW		
FADE IN OUT	SLOW	MED	FAST	FASTES		ON				
COLOR FLASH	SLOW	MED	FAST	FASTES			ON			
Chase Light	SLOW	MED	FAST	FASTES				ON		
SOUND ACTIVATED	RAINBOW								ON	
DMX	1	2	4	8	16	32	64	128	256	ON

DMX EXAMPLE FOR DMX ADDRES 23 PINS 1,2,3,5(1+2+4+16=23) ARE ON +10 FOR DMX MODE

Remarks: function 1. 2. 3 will be fold to run 7 color, function 7 will adjust the music sensitivity via potentiometer knob.

※Synchronization /master and slave (dip switch as below):
Master light: dip switch same as auto model way.
All slave lights: press NO.1 and NO.10 to ON, other NO2-NO9 stay on OFF status.

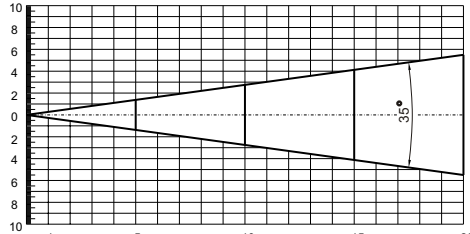
※ Special manual controller:
Please connect the controller with the light through a XLR3 pin cable, dip NO.1 and No.10 switch to ON status for all units, other NO.2-NO.9 switches are stay off status .

※DMX-512 Model

※This light have **13** DMX512 channels, please reference the below function channels:
Ch1: function selecting:
0-10 dimmer (Ch2-Ch13 dimmer valid)
11-51 strobe (Ch2-Ch13 dimmer valid)
52-91 Light in and light out(Ch2-Ch13 no valid)
92-131 auto color change(Ch2-Ch13 no valid)
132-147 chase1,148-164 chase2,165-181 chase3,182-198 chase4,
199-215 chase5,216-232 chase6,233-255 chase1- chase6.
CH2: 0-255 all Red dimmer
CH3: 0-255 all Green dimmer
Ch4: 0-255 all Blue dimmer
Ch5-Ch13: 0-255 are the adjustable brightness from segment 1 to segment3 in red ,green and blue color.

G. Specification:
1. Input power:AC100～240V/50-60Hz
2. Total power: 50W
3. ∮10mmLEDs: 252pcs (red / 108pcs, blue / 72pcs, green / 72pcs) (Angle:30)
4. House size：107×6.5×8.5cm
5. Net/weight：2.3Kg
6. 1pcs/carton: 108 x 12 x 11.5 cm
7. Gross/weight：3Kg
8. Shipping size：(6pcs/master carton): 109×39×26cm
9. Gross/weight：20Kg

SL-1028 LED						SL-1028 LED
R(108)	335	15	4	2.1	1	LUX
G(72)	600	28	6	3.6	1.6	LUX
B(72)	620	29	8	4.2	2	LUX
RGB(252)	1150	55	19	9.2	4.5	LUX



Distance	1	5	10	15	20	Meter
Beam Diameter	0.75	2.75	5.6	8.9	11.8	Meter