

# **INVOLIGHT**



## **INVOLIGHT LED STROB500**

### **USER MANUAL**

**LED strobe panel, SMD5050 648\*0.2W**

Our LED strobe panel offers many possibilities to achieve the effects which you want. It is suitable for DJs, bands, nightclubs and other performers who want LED stage light. Please read the manual before operation.

## A. SPECIFICATION

1. 4 DMX512 channels
2. Voltage: AC 100V/240V, 50Hz/60Hz
3. Rated power: 125W
4. SMD5050 LED: 648\*0.2 white LED
5. Color temperature: 6900K
6. Operation mode: LED display
7. Weight: 3Kg.
8. Size: 389 x 183,4 x 203,5mm

## B. OPERATION

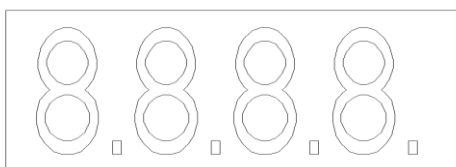
There are five modes to choose:

- Built-in programs
- Dimming mode
- Sound active
- DMX mode
- Slave mode

### The button function instruction

- 1) Press the button lightly: the time of press the button and loosen less than 0.7 second
- 2) Long press the button: press the button more than 0.7 second

#### 1. LED digit display menu:



**A: MENU**

**B: UP**

**C: DOWN**

**D: ENTER**

**A**

**B**

**C**

**D**

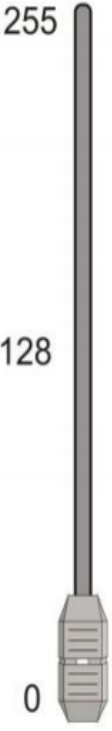



## 2. LED digit display menu instruction

ID	Display	Function instruction
1	d001	DMX address setting ( 001-512 )
2	A1.XX	Effect 1 , ABCD All strobe , Speed ( 00-99 )
3	A2.XX	Effect 2 , A->B->C->D Running-water strobe , Speed ( 00-99 )
4	A3.XX	Effect 3 , D->C->B->A Running-water strobe , Speed ( 00-99 )
5	A4.XX	Effect 4 , A->B->C->D->C->B->A Running-water strobe , Speed ( 00-99 )
6	A5.XX	Effect 5 , AC->BD Alternate strobe , Speed ( 00-99 )
7	A6.XX	Effect 6 , AB->BC->CD->DA Alternate strobe , Speed ( 00-99 )
8	A7.XX	Effect 7 , ABC->BCD->CDA->DAB Alternate strobe , Speed ( 00-99 )
9	A8.XX	Static dimmer , From dark to light ( 00-99 )
10	Soud	Sound activation, Sensitivity builds up the knob "VOL"
11	TXXX	Display temp

## 3. DMX512 4 channels.

Channel		Value	Function
CH1	Dimmer	0-1	Back out
		2-255	Linear dimmer 0-100%
CH2	Strobe	0-9	No Strobe
		10-255	Strobe Speed , From slow to fast
CH3	Effect	0-59	DMX512
		60 - 79	Effect 1 , ABCD all strobe , Speed ( 00-99 )
		80 - 99	Effect 2 , A->B->C->D Running-water strobe , Speed ( 00-99 )
		100 - 119	Effect 3 , D->C->B->A Running-water strobe , Speed ( 00-99 )
		120 - 139	Effect 4 , A->B->C->D->C->B->A Running-water strobe , Speed ( 00-99 )
		140 - 159	Effect 5 , AC->BD Alternate strobe , Speed ( 00-99 )
		160 - 179	Effect 6 , AB->BC->CD->DA Alternate strobe , Speed ( 00-99 )
		180 - 199	Effect 7 , ABC->BCD->CDA->DAB Alternate strobe , Speed ( 00-99 )
		200 - 219	Effect 8 , Static Dimmer , From dark to light ( 00-99 )
		220 - 255	Sound-active
CH4	Speed	0-255	From slow to fast

Notes: Setting master-slave: Set master machine at any mode except d001 and slave machine at d001. Just one unit can be settled as a master.

4channels	CH1	CH2	CH3	CH4
Function	Dimmer	Strobe	Effect	Speed
	0-1 Back out	0-9 No strobe	0-59 DMX512 60-79 Effect 1 80-99 Effect 2 100-119 Effect 3 120-139 Effect 4 140-159 Effect 5 160-179 Effect 6 180-199 Effect 7 200-219 Effect 8 220-255 Sound	
	Dimmer	Strobe speed		
				

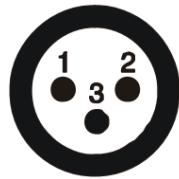
### DMX-512 control connection

3-Pins DMX Out

3-Pins DMX In

(Female)

(Male)



1 Earth    2 DMX-    3 DMX+

#### 4. DMX address setting

Each fixture must set a specific starting address. When receiving signal transmission, fixture will receive channel control signals which from the starting address.

According to different requirements or easy to use, the user can set many value fixtures to the same address, also can set up a separate address for every device.

If you set the same address, all the devices will receive from DMX channels signal. All connecting fixtures are jointly controlled, controller can't separate control a device.

If you set a different address, each device will be separate from its particular set the starting address and begin accepting DMX512 control signal, so that more convenient separate control one device. Using this method must be based on channel quantity of device to determine a starting address.

This led light has 4 channels. you should set the starting address of the first unit to 1, the second unit to 5(4+ 1), the third unit to 9 (4+ 5), and so on.



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