

# **INVOLIGHT**



## **INVOLIGHT LED STROB500**

### **USER MANUAL**

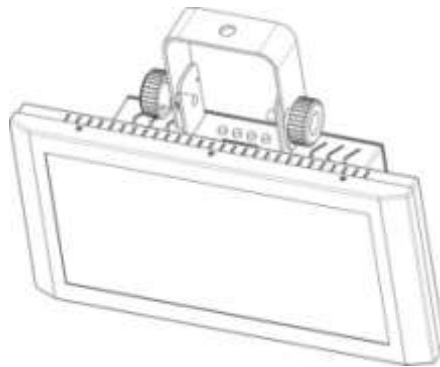
# LED strobe panel, 448\*SMD5050

## User Manual

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. Voltage: AC 100V/260V, 50Hz/60Hz
2. Power consumption: 105W (Max)
3. LED: 448\* SMD5050 white LED
4. Color temperature: 6900K
5. Operation mode: LED display
6. Weight: 3.6KGS
7. Size: 36\*26.35\*9.6 CM



### 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

Sheet 1 Button function instruction

BUTTON	FUNCTION	
MODE	Press lightly	LED mode switch inbuilt-in programs, dimming mode, sound active, DMX mode, slave mode /enter to setting menu, lightly press to back to the superior menu( set corresponding LED mode)
SETUP	Press lightly	Enter the setting menu in this mode
	Long press	Enter the system menu options
UP	Press lightly	Setting option add 1 / switch ON
	Long press	Setting options continuous add 1
DOWN	Press lightly	Setting options reduce 1 / switch OFF
	Long press	Setting options continuous reduce 1

### 1. Built-in Programs Mode

Press the “MODE”, enter built-in programs mode menu, press the “UP” or “DOWN”, select the built-in programs Pr.01~Pr.03.

Sheet 2 Built-in programs description

Built-in programs	Description
Pr.01	Strobe programs 1
Pr.02	Strobe programs 2
Pr.03	Auto running effect

Lightly press the “SETUP” to set the built-in program.

Sheet 3 Built-in programs settings

Built-in programs	Setting options	description
Pr.01	F5.01	Through UP or DOWN set the frequency(1—15Hz )
Pr.02	F5.01	Through UP or DOWN set the frequency(1—15Hz )
Pr.03	SP01	Through UP or DOWN set the auto running speed (1—15 )
	C000	Through UP or DOWN set the brightness of the LED (0-255 )

### 2. Dimming Mode

Press the “MODE”, the LED display will show as below, enter to LED dimming mode

C075

Lightly press the “SETUP”, to set the lamp brightness.

Sheet 4 dimming mode settings

Settings options	Operation
C000	LED dimming, through UP or DOWN adjust the brightness value ( 0—255 )

### 3. Sound-Active Mode

1) There are four sound programs: sound programs 1, sound programs 2, sound programs 3, and sound programs 4.

2) Press the “MODE” select the sound programs, through “UP” or “DOWN” select the built-in sound programs

So01~So04

3) Lightly press the “SETUP”, enter to sound programs settings, as below sheet.

Sheet 5 Sound active programs

So01	SU04	Press UP or DOWN set the sound active sensitivity(0—31 )
So02	SU04	Press UP or DOWN set the sound active sensitivity(0—31 )
So03	SU04	Press UP or DOWN set the sound active sensitivity(0—31 )
	C000	Press UP or DOWN set the LED brightness (0—255)
So04	SU04	Press UP or DOWN set the sound active sensitivity(0—31 )
	C000	Press UP or DOWN set the LED brightness (0—255)

#### 4. DMX Mode

Press the “MODE”, the LED display will show as below, enter to LED DMX mode main interface.

512.

Lightly press the “SETUP”, enter into DMX address, DMX working mode setting.

Sheet 6 DMX mode settings

Setting options	Operation instruction
512	DMX address setting (1 -512), through UP or DOWN set the address
4-ch	Through UP or DOWN select CH1, CH4, CH6, CH7 mode

Working mode 1: 1-ch

Sheet 7 The DMX mode function sheet of CH3

CHANNELS	VALUE	FUNCTION
1	0-255	White(whole) 0-100%

Working mode 2: 4-ch

Sheet 8 The DMX mode function sheet of CH6

CHANNELS	VALUE	FUNCTION
1	0-255	part1(bottom right)
2	0-255	part2(bottom left)
3	0-255	part3(upper right)
4	0-255	part4(upper left)

Working mode 3: 6-ch

CHANNELS	VALUE	FUNCTION
1	0-255	Part1(bottom right)
2	0-255	Part2(bottom right)
3	0-255	part3(upper right)
4	0-255	part4(upper left)
5	0-255	master dimming
6	0-9	no use
	10-255	strobe, the greater the value,the higher the frequency

Working mode 4: 7-ch

Sheet 9 The DMX mode function sheet of CH7

CHANNEL	VALUE	FUNCTION
1	0-255	Part 1(bottom right)
2	0-255	Part 2(bottom left)
3	0-255	Part 3(upper right)
4	0-255	Part 4(upper left)
5	0-255	Master dimming
6	0-39	No use
	40-59	Built-in programs 1
	60-79	Built-in programs2
	80-99	Built-in programs3
	100-159	No use
	160-179	Sound active 1
	180-199	Sound active 2
	200-219	Sound active 3
220-255	Sound active 4	
7	0-255	Built-in programs: strobe or speed; sound active:sound active sensitivity

### 5. Master/slave Mode

Press the “MODE”, the LED display will show as below, enter LED slave mode.

SLAVE

### C. System Options

In any state, long press the “SETUP”, enter the main interface of the system options:

67A1

Lightly press the “SETUP”, select the temperature protection switch options, PCB temperature inquires, LED biggest gray, restore factory settings.

Setting details as below sheet:

Temperature control switch options	7-01	Press UP, will show 7-01, open temperature control.
	7-0FF	Press DOWN, will show 7-0FF, closed temperature.
PCB temperature options	7-33	Press DOWN or UP update temperature 7-33, the current temperature is 33°C
LED biggest gray value	2.150	Press DOWN or UP update the LED newest brightness (0—255).
Restore factory setting	RES.	Press UP to restore factory settings

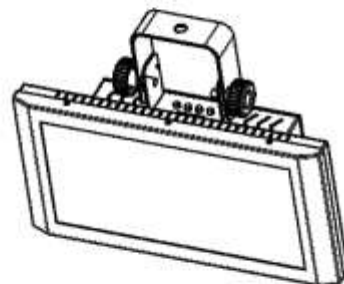
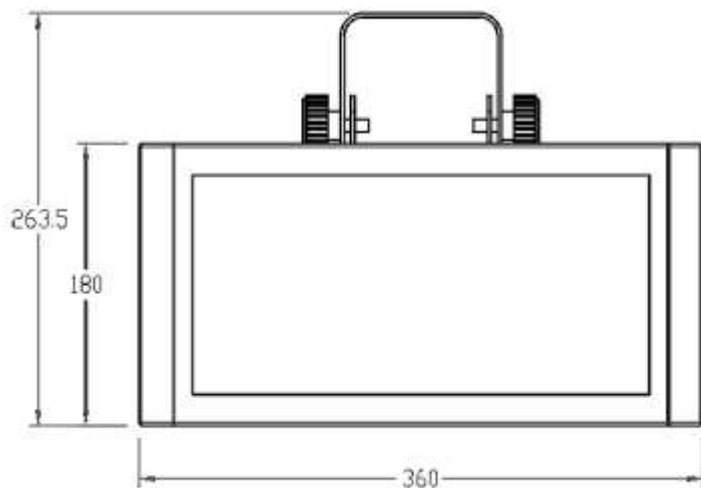
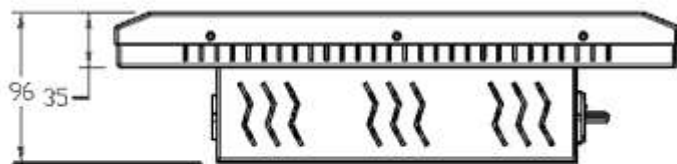
On system options, lightly press the “MODE”, return to the system main interface 67A1, press the “MODE” again, return before LED mode menu.

### D. Restore Factory Settings

There are two kinds of methods to restore factory settings.

- 1) In menu system options RES., press the “UP” to restore factory settings.
- 2) When in power failure situation, press the “MODE” and “SETUP”, power on to restore factory settings.





# INVOLIGHT



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