LED Flood Light 432/10RGB

This device is lighting effect which can create decorative effects, it is designed for professional use, e. g. on stages in disco club, theatres etc

A. SPECIFICATION

432 super bright leds:

Red: 18X8   Green: 18X8   Blue: 18X8

Red: 30000mcd,   Green: 30000mcd,   Blue: 20000mcd

Led beam angle: 30degree

Projector output distance: 30~35m

2X8 character LCD Display

selectable built-in programs, Auto running, DMX mode , slave mode, sound-activated.

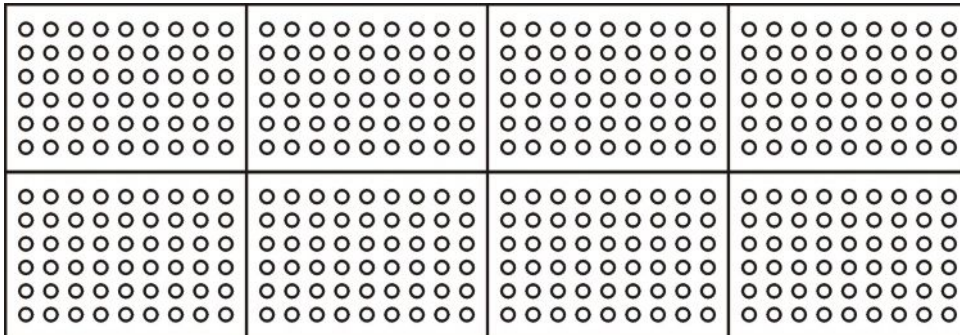selectable 5. 8. 14. 26 DMX channel for different applications
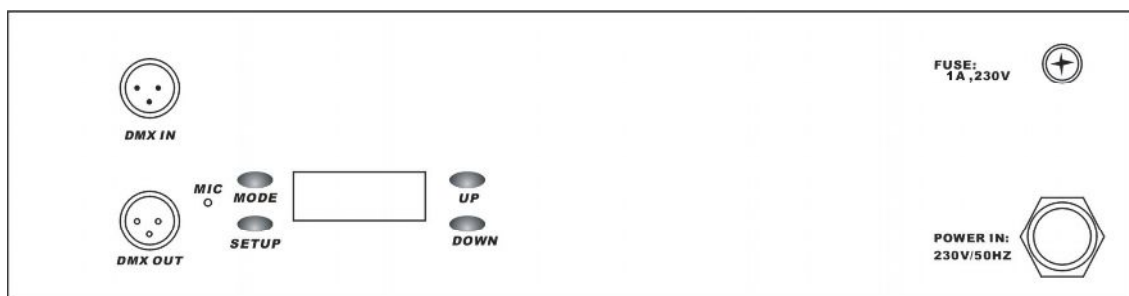
Size: 54cm*19cm*7.5cm

Weight; 4.6g

Power in; 100V/240V 60HZ/50HZ

Power consumption; 50W

B. 1,the picture of front side

2, the picture of back side

C. OPERATION;

After opening the power, the LCD display will be as the follows:

Press "MODE"button to activate the main menu: built-in program, Auto run, DMX mode,

Slave mode, sound mode.

built-in program-- running one of 14 built-in programs

Auto run—running built-in programs one after another in continuous loop.

DMX mode--controlled by DMX controller

Slave mode—the projectors in this mode will be synchronously run with the projectors in master mode

Sound mode-- running by sound - activated

1. A program is a sequence of different steps, with LED flood light 432/10RGB yon can select

   14 different Programs.   press"set up"and up/down buttons to select the programs (00-14) and

   select the desired program value (step time, flash).

```
02.SLOW D
S001 F012
```

For example,

Press "setup"button to move the cursor to select 02 and the desired Sp (step time)or Fs (flash

speed)

Sp--step time value from 001-100

Fs--flash speed from 00-100

2. Auto run

   Running 14 programs in a continuous loop, the frequency means the running times. it can be set up via the buttons up/down

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AUTO RUN
FQN:001
```

3. DMX mode

   You can control the devices individually via your DMX-controller

   1) Addressing

   The control Board allows you to assign the DMX address which is defined as the first channel from which the LED Flood light 432/10RGB will respond the controller. For address

   setting, press "set up"buttons until the display shows as follows:

```
DMX MODE
ADDR:001
```

Set the desired address via the up/down buttons

2) DMX-PROTOCOL

The control Board allows you to set 5. 8. 14. 26 DMX channel for different applications.

press"set up"button until the display is as follows:

```
DMX MODE
CH NO:26
```

Set the desired channels (5. 8. 14. 26) via the up/down buttons

① set 26 channels

the dimmer occupies the first channel when DMX value is smaller than 251, the flash occupies the second channel, each spot occupies 3 channels, eight spots occupy 24 channels, and the projector occupy 26 channels.

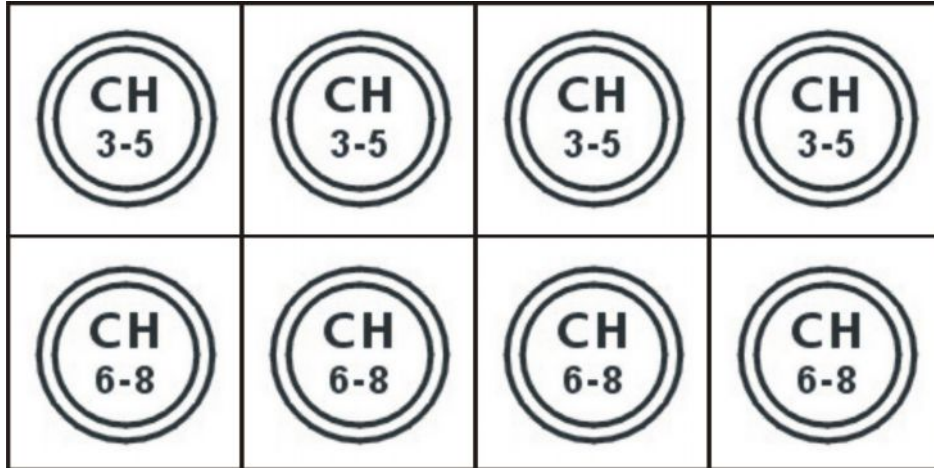|			
CH 3-5	CH 6-8	CH 9-11	CH 12-14
CH 24-26	CH 21-23	CH 18-20	CH 15-17

②Set 14channels

The dimmer occupies the first channel when DMX value is smaller than 251, the flash occupies the second channel, every 2 spots occupy 3 channels, eight spots occupy 12 channels, the projector occupies 14 channels

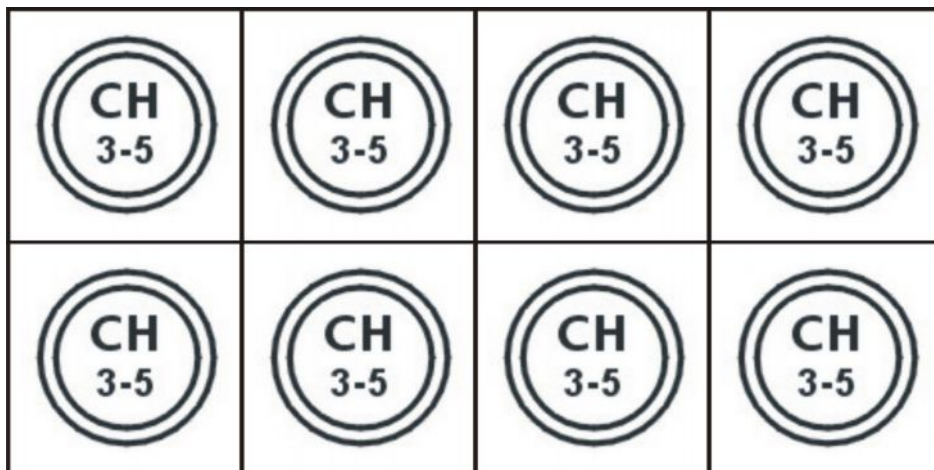|			
CH 3-5	CH 3-5	CH 6-8	CH 6-8
CH 12-14	CH 12-14	CH 9-11	CH 9-11

③ set 8 Channels

the dimmer occupies the first channel when DMX value is smaller than 251, the flash occupies the second channel, every four   spots occupy 3 channels, eight spots occupy 6 channels, the projector occupies 8 channels

CH 3-5	CH 3-5	CH 3-5	CH 3-5
CH 6-8	CH 6-8	CH 6-8	CH 6-8

④   set 5 channels

The dimmer occupies the first channel when DMX value is smaller than 251, the flash occupies the second channel, eight spots occupy the same 3 channels, eight spots occupy 3 channels, the projector occupies 5 channels

CH 3-5	CH 3-5	CH 3-5	CH 3-5
CH 3-5	CH 3-5	CH 3-5	CH 3-5

⑤   when during any one of the above three situations and the first channel DMX value is equal and more than 251 DMX protocol as follows:

CH1	CH2			CH3	CH4	CH5
	MODE	DMX VALUE	FUNCTION			
	1	0-10	BLACK OUT			
	2	11-21	RED			
	3	22-32	YELLOW		FLASH	
	4	33-43	GREEN	NO USE	0-255	NO USE
	5	44-54	CYAN		(0-28HZ)	
	6	55-65	BLUE			
	7	66-76	PURPLE			
	8	77-87	WHITE			
	9	88-98	SLOW DREAM			
	10	99-109	FAST DREAM			
	11	110-120	COLOR FADE			
	12	121-131	COLOR CHANGE			
	13	132-142	FLOW1		FLASH	
251-255	14	143-153	FLOW2	Speed	0-255	NO USE
	15	154-164	FLOW3	0-255	(0-28HZ)	
	16	165-175	FLOW4			
	17	176-186	DOUBLE FLOW1			
	18	187-197	DOUBLE FLOW 2			
	19	198--208	MULIT COLOR			
	20	209-219	2COLOR FLOW1	Speed	FLASH 0-255	COLOR SORT
	21	220-230	2COLOR FLOW2	0-255	(0-28HZ)	0-255
	22	231-255	SOUND ACTIVE	Sensitivity 0-255 (32 grade)	NO USE	NO USE

4 . slave mode

5 . sound mode

```
SOUND
SENS:31
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Adjust the sound level by pressing 'up/down' button. The grade is 0-31.