squareled

USER MANUAL

SQUARELED SPUTNIK MK2

1. Introduction

Thank you for selecting our SQUARELED Sputnik MK2 ! Please read all of this instruction manual carefully and keep it safe for future reference. This manual contains all the necessary information for safe installation and operation of this product .

2. Specifications

Voltage：	AC100-240V, 50/60Hz (Auto-ranging)
Source:	1x150W COB RGB3IN1
	Circle: 120pcsx0.2WattWhite LEDs
Rated Life Of LED:	50,000 hours
Beam Angle (optional):	40°
Power Consumption:	230W
Illuminance:	2350lux @2m
Display:	LED Display

Control

DMX Control Channels:	34/13/8CH
Dimming:	0-100% linear dimming
Stand Alone Color Mixing:	YES
Master/Slave Mode:	YES
Sound Active Mode:	YES
Built-in Automated Programs:	YES
IP Grade:	IP20
Working Temperature:	-20 - 45℃
Housing Color:	Black
Data Cables:	3-pin XLR cables
Dimension:	27.5*22.5*30
Inner Pack Size:	26*26*38
Outer Pack Size:	82*55*41
Quantity:	6
N.W/PCS:	3.2KG
G.W/CTN:	23.4KG

3. Installation instruction

1. It could fix anywhere, the distances between the fixture and human at least are 1 meter, and make all safe measurement and Grounded the fixture safely.

2. Make sure the ex-factory setting frequency and Voltage was accordance in local power when u use.   Connect the lighting correctly then it works when power on .

3. DMX512 connection :

4. DMX512 signal was transmitted by a three "input" and "output" pin XLR socket .（1Ground , 2 cathode 3 anode）signal wire should be about 100m, or it would be electronic interfere easily .

7 Channel Mode

CH	Value	Function
1	0~255	RGB Dimmer(0~%100)
2	0~255	Red(0~%100)
3	0~255	Green(0~%100)
4	0~255	Blue(0~%100)
5	0~255	White LED Ring Dimmer
6	0~255	White LED Ring Macros (see macros after DMX charts)
7	0~255	RGBW Macro speed

11 Channel mode

Channels	Value	Function
1	0~255	Dimmer(0~%100)
2	0~255	Red(0~%100)
3	0~255	Green(0~%100)
4	0~255	Blue(0~%100)
5	0~9	RGB Strobe open
	10~170	Single flash (from slow to fast)
	171~250	Double flash (from slow to fast)
	251~255	Open
6	0~255	RGB Macros （See Macros after DMX Charts）

7	0~255	RGB Macros speed
8	0~255	White LED ring Dimmer 1 thru 24
9	0~9	**White Ring Strobe** **Open**
	10~170	Single flash (from slow to fast)
	171~250	Double flash (from slow to fast)
	251~255	Open
10	0~255	**White LED ring Macros** **(See Macros after DMX Chart)**
11	0~255	White led Macros speed

34 Channel mode

CH	Value	FUNCTION
1	0~255	DIMMER(0~%100)
2	0~255	red(0~%100)
3	0~255	green(0~%100)
4	0~255	blue(0~%100)
5	0~9	RGB Strobe open
	10~170	Single flash (from slow to fast)
	171~250	Double flash (from slow to fast)
	251~255	Open
6	0~255	RGB Macros （See Macros after DMX Charts）
7	0~255	RGB Macros speed
8	0~255	White LED ring Dimmer 1 thru 24
9	0~255	White 1(0~%100)
10	0~255	White 2(0~%100)
11	0~255	White 3(0~%100)
12	0~255	White 4(0~%100)
13	0~255	White 5(0~%100)
14	0~255	White 6(0~%100)
15	0~255	White 7(0~%100)
16	0~255	White 8(0~%100)
17	0~255	White 9(0~%100)
18	0~255	White 10(0~%100)
19	0~255	White 11(0~%100)
20	0~255	White 12(0~%100)
21	0~255	White 13(0~%100)
22	0~255	White 14(0~%100)
23	0~255	White 15(0~%100)
24	0~255	White 16(0~%100)

25	0~255	White 17(0~%100)
26	0~255	White 18(0~%100)
27	0~255	White 19(0~%100)
28	0~255	White 20(0~%100)
29	0~255	White 21(0~%100)
30	0~255	White 22(0~%100)
31	0~255	White 23(0~%100)
32	0~9	White Ring Strobe Open
	10~170	Single flash (from slow to fast)
	171~250	Double flash (from slow to fast)
	251~255	Open
33	0~255	White Led ring Macros(see Marcos after the DMX chart)
34	0~255	White LED Macros speed

Features

Led cob par designed for professional stage and disco, pub applications, it incorporates high power 150w RGB cob led bulb with special design, the circle we install 120 pcs 0.2w mini white led bulb to create unbelievable effects, Be adequate to show bar, dance hall, nightclub, discotheque, bar, studio, entertainment fields etc.