# **Use Manual of Moving Beam**



## Model: WKY-BEAM200B



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#### **Technical reference:**

Power: AC 110-240v, 50/60Hz 350w Lamp: Philips MSD Platinum 5R 189 Color: 14 colors + white Gobo: 17 gobos + white Channel: 16 CH / 20CH Movement range: Pan 450° / Tilt 270° Display: LCD Touch screen Carton Size: 45\*43\*56cm N.W.: 16.5kg G.W.: 19.0kg



	CHANNEL MODE			
CHANNEL	16CH	20CH		
1	COLOUR WHEEL	COLOUR WHEEL		
2	STOP/STROBE	STOP/STROBE		
3	DIMMER	DIMMER		
4	STATIC GOBO CHANGE	STATIC GOBO CHANGE		
5	PRISM INSERTION	PRISM INSERTION		
6	PRISM ROTATION	PRISM ROTATION		
7	EFFECTS MOVEMENT	EFFECTS MOVEMENT		
8	FROST	FROST		
9	FOCUS	FOCUS		
10	PAN	PAN		
11	PAN FINE	PAN FINE		
12	TILT	TILT		
13	TILT FINE	TILT FINE		
14	PAN/TILT SPEED	PAN/TILT MOVE BLACK		
15	RESET	RESET		
16	LAMP CONTROL	LAMP CONTROL		
17		PAN-TILT TIME		
18		COLOUR TIME		
19		DIMMER-PRISM-FROST TIME		
20		GOBO TIME		

BIT	EFFECT	效果	备注
255	FAST ROTATION	快速旋转	
150	SLOW ROTATION	慢速旋转	
145	BLUE + WHITE	深蓝 + 白光	
140	BLUE	深蓝	
135	CTB 8000 + BLUE	CTB 8000 + 深蓝	
130	CTB 8000	CTB 8000	
125	CTO 190 + CTB 8000	CTO 190 + CTB 8000	
120	CTO 190	CTO 190	
115	CTO 260 + CTO 190	CTO 260 + CTO 190	
110	CTO 260	CTO 260	
105	CYAN + CTO 260	青色 + CTO 260	
100	CYAN	青色	
95	MAGENTA + CYAN	品红 + 青色	
90	MAGENTA	品红	
85	YELLOW + MAGENTA	黄色 + 品红	
80	YELLOW	黄色	
75	PINK + YELLOW	粉红 + 黄色	
70	PINK	粉红	
65	LAVENDER + PINK	淡紫 + 粉红	
60	LAVENDER	淡紫	
55	LIGHT GREEN + LAVENDER	浅绿 + 淡紫	
50	LIGHT GREEN	浅绿	
45	GREEN + LIGHT GREEN	深绿 + 浅绿	
40	GREEN	深绿	
35	AQUAMARINE + GREEN	碧绿 + 深绿	
30	AQUAMARINE	碧绿	
25	ORANGE + AQUAMARINE	橙色 + 碧绿	
20	ORANGE	橙色	
15	RED + ORANGE	深红 + 橙色	
10	RED	深红	
5	WHITE + RED	白色 + 深红	
0	WHITE	白色	

#### STOP/STOBE - channel 2

BIT	EFFECT	效果	备注
252-255	OPEN	光闸打开	由调光通道控制
239-251	RANDOM FAST STROBE	随机快速频闪	
226-238	RANDOM MEDIUM STROBE	随机中速频闪	
213-225	RANDOM SLOW STROBE	随机慢速频闪	
208-212	OPEN	光闸打开	由调光通道控制
207	FAST PULSATION	脉冲频闪	
108	SLOW PULSATION	脉冲频闪	
104-107	OPEN	光闸打开	由调光通道控制
103	FAST STROBE	频闪	
4	SLOW STROBE	频闪	
0-3	CLOSED	光闸关闭	

#### > STATIC GOBO CHANGE - channel 4

BIT	EFFECT		效果	备注
255	GOBO 1	17 SHAKE,	图案 17 快速抖动	
251	GOBO 1	I7 SHAKE,	图案 17 慢速抖动	
250	GOBO 1	I6 SHAKE,	图案 16 快速抖动	
246	GOBO 1	I6 SHAKE,	图案 16 慢速抖动	
			(图案 3 到图案	
180	GOBO 2 S	HAKE, FAST	图案2快速抖动	
176	GOBO 2 S	HAKE, SLOW	图案2慢速抖动	
175	GOBO 1 SHAKE, FAST		图案1快速抖动	
171	GOBO 1 S	HAKE, SLOW	图案1慢速抖动	
170	FAST ROT	ATION	快速旋转(正向)	
135	SLOW ROTATION		慢速旋转(正向)	
130-134	STOP		停止(白色)	
129	SLOW RO	TATION	慢速旋转 (反向)	

90	FAST ROTATION	快速旋转(反向)
85	GOBO 17	图案 17
80	GOBO 16	图案 16
75	GOBO 15	图案 15
70	GOBO 14	图案 14
65	GOBO 13	图案 13
60	GOBO 12	图案 12
55	GOBO 11	图案 11 /12, // 3 / 6
50	GOBO 10	图案 10 / 凝 0
45	GOBO 9	图案 9 ( ) 0 0 0 0 0 1
40	GOBO 8	图案 8 14 0 0 4
35	GOBO 7	图案 7 \15 ** 3 **
30	GOBO 6	图案 6 16 ~ 0・2
25	GOBO 5	图案 5
20	GOBO 4	图案 4
15	GOBO 3	图案3
10	GOBO 2	图案 2
5	GOBO 1	图案 1
0	WHITE	白色

#### > PRISM INSERTION - channel 5

BIT	EFFECT	效果	备注
128-255	PRISM INSERTED	插入棱镜	
0-127	PRISM EXCLUDED	移开棱镜	

#### > PRISM ROTATION - channel 6

BIT	EFFECT	效果	备注
255	FAST ROTATION	快速旋转(正向)	
193	SLOW ROTATION	慢速旋转(正向)	
191-192	STOP	停止	
190	SLOW ROTATION	慢速旋转(反向)	
128	FAST ROTATION	快速旋转(反向)	
0-127	POSITION	棱镜角度调节	

#### > FROST - channel 8

BIT	EFFECT	效果	备注
128-255	FROST INSERTED	雾化	
0-127	FROST EXCLUDED	无雾化	

#### > RESET - channel 15

BIT	EFFECT	效果	备注
128-255	COMPLETE	全部电机复位	在相应区域停留 5 秒之后开始复
77-127	PAN/TILT	大电机(XY 轴)	位。 Deact is estivated pessing
26-76	EFFECTS	小电机复位	through the unused range and
0-25	UNUSED	无效区域	staying 5 seconds.

#### > LAMP CONTROL- channel 16

BIT	EFFECT	效果	备注
101-255	LAMP ON	点亮灯泡	在相应区域停留 5 秒之后开始开
10-100	LAMP OFF	熄灭灯泡	)关灯泡。
0-9	UNUSED	无效区域	unused range and staving 5

#### > TIMING CHANNELS

	Timing Channel	Channel function		Remark	
17	Pan-Tilt time	Pan-Tilt-(Pan fi	ne-Tilt	255	SLOW SPEED
18	Colour time	Colour wheel			
19	Beam time	Dimmer-Prism -Fro	ost	0	FAST SPEED
20	Gobo time	Static Gobo			

### Control on display panel

#### -. Buttons functions



"Left" and "right": Back to previous interface "Up" & "Down": To select and to edit "OK": To operate function, start / exit to edit. The following shows how to modify the DMX address:

- 1. If this is not main interface and wants to back to main interface, just press button "left" in one or several times to back to the main interface.
- 2. Press "Up" or "Down" to select "Setting".
- 3. Press "OK" to enter into submenu of "Setting".
- 4. Press "Up" or "Down" to select "DMX address".
- 5. Press "OK" enter into the edit status.
- 6. Press "Up" or "down" to modify the DMX address.
- 7. Press "OK" to out of the edit status.

Operation by TFT touch screen will be more convenient, the operating method is same as above mentioned.

#### Interface

-There are 3 buttons in the top right corner of touch screen, which are separately use for changing languages mode, inversing touch screen.

-There are 4 buttons in the bottom of touch screen, which are "Setting", "Information", "Manual control" and "Advanced".

#### A. Setting

Option		Specification
Punning mode	DMX	Slave status: Received DMX Signal from Control & master
Running mode	Auto	Master status: Automatically operation and send out DMX signal to slaves
DMX address	1~512	Pressing "OK" enter into edit status.
Channel mode	16	From 17CH to 20CH invalid
	20	From 17CH to 20CH valid
X inverse	No	
X IIIVeise	Yes	
Vinverse	No	
	Yes	
XV inverse	No	
XT IIIVeise	Yes	Exchange function of X & Y (fine adjustment include)
XX decoder	Yes	Rectify location by optical couple
	No	No rectification
	maintain	Keep running by original status
No DMX signal	Zero clearing	Motors reset
Scroon saver	Yes	Delayingly close after in seconds
Scieen Savel	No	Constantly open
Boot & Lamp on	No	Power on reset, lamp off (the lamp need to be turned on by controller and menu)

	Yes	When fixture power on, the lamp on, and the fixture will be reset after lamp on completely
Default Settings		Pressing "OK" enter into dialog box, and press "OK" again to default settings.

#### **B.** Information

Option	Specification
Software version	Present version
Total service time	Accumulate service time (accurate to minute)
Present service time	Accumulate present service time (accurate to minute)
DMX value	Display DMX value on screen
System error records	If indicator light on, which means the fixtures must be error. Enter into submenu, check it out and emptying error records

#### C. Manual control

This interface is use for control present fixture, which there is no signal send in or send out.

Option	Specification		
Reset		Resetting all of motors	
Color wheel	0~255	Pressing "OK" enter into edit status, pressing "Up"	
	0~255	or "Down" to set the DMX value.	
Speed of gobo wheel	0~255		
Lamp control	On		
	Off		

#### D. Advance

The password is "up", "down", "up", "down". For example: Pressing "up" once, it shows first "\*" on screen; Pressing "down", it shows second "\*"; Pressing "up" again, it shows third "\*"; Pressing "down" again, it shows fourth "\*", and finally press "OK" to password verification.

Option	Specification
Touch screen rectification	Touching corresponding place according to cross cursor points out, If there are 4 places received right data, please confirm and save it.
Reset rectification	Can be adjusted location of motors resetting for filling in gaps of hardware installation.
	This reset rectification has to be rectify step by step according to 1 as the unit.
	Attention: don't make rectification in motor running status.