SKYSTAR

PROFESSIONAL SHOW LIGHTING

SR-230PLUS

BEAM MOVING-HEAD

USER MANUAL

SKYSTAR

GUANGZHOU LIGHTSTAR LIGHT CO.,LTD

Http://www.lightskystar.com

6.TECHNICAL PARAMETER

BULB: 7 R230W   (8000 K color temperature, 2000 hours)

POWER CONSUMPTION: 230 V 50 HZ 380 VA

OPTICAL DEVICE: three lens group,0°-3°zoom

ELECTRONIC FOCUS: 20 meters, 50000 LUX

2 KINDS OF CHANNEL MODE: 16 international standard
                              DMX512 channel

LEVEL SCANNING: 540°(16 bit precision scan)

VERTICAL SCAN: 280°(16 bit precision scan)

COLOR WHEEL: 14 inserted color and white light with
             two-way rotating and rainbow effect

ROTATING GOBO WHEEL: 17 inserted rotation gobos
             and white circle with design jitter and arbitrary position
             -ing function

2PRISM: 16 prisms with positive and negative rotation
              and prism location function.

SHUT: Double pole shut up to 13 times per second,
             random shut and pulse shut can be choosed

DIMMER: 0% ~ 100% linear dimmer

FROST: 0% ~ 100% linear frost

Electronic ballast :   make the product more light and bright.
             Lamp more stable environmental
              protection and more energy saving

SWITCHING POWER SUPPLY :   AC100 ~ 240 V, 50/60 HZ

FIXTURE DIMENSION: L430ЎW330ЎH510(mm)

PACKING DIMENSION: L460ЎW385ЎH565(mm)

NET WEIGHT: 16.5KG

GROSS WEIGHT: 19KG

1.INDEX

Many thanks for choosing SR-230 beam moving head. Thedesign&production are passed through the full quality control to ensure the fineness ability.

This manual covers important information about install-ation&operation of this projector.Please rsad this user manual carefully before installing or operating this projector.Please do follow the safety instruction.list as below carefully and keep this manual in a safety place for future reference.

Note:As part of our ongoing commitment to continuos products development,company will keep the right to improve this products, the information in this menu may be changed in the future,the company reserve the right to change the data without any advise.

2.Packing

2.1 The packing of the series of products is paper carton,the flycase can order.

2.2 To open the carton

First please open the carton and take out the relative accessories, Take out the projector from the polybad and put it on a very smooth & horizontal surface place for the next operation.

Attention:Do not press the plastics parts to avoid any damage and distortion.

2.3 Packing list

The following parts are packed together with the projector:

Attachment	
DMX cable	1pc
User manual	1pc
Moutnting Bracket	2pc

3. DMX profile

➤ DMX profile

CHANNEL	VALUE	FUNCTION
ADJ CH1	0-255	Pan
ADJ CH2	0-255	Tilt
ADJ CH3	0-255	Pan fine
ADJ CH4	0-255	Tilt fine
ADJ CH5	0-255	Pan/Tile speed(fast to slow)
ADJ CH6	0-5	Shutter close
	6-20	Shutter open
	21-70	Normal synchronous strobe(slow to fast)
	71-100	Not synchronous strobe(slow to fast)
	101-150	Sinewave strobe(slow to fast)
	151-190	Opening pulse strobe(slow to fast)
	191-230	Closing pulse strobe(slow to fast)
	231-255	Shutter open
ADJ CH7	0-255	Dimmer 0-100%
ADJ CH8	0-5	Open(white)
	6-10	Open->Color 1
	11-15	Color 1
	16-20	Color 1->Color 2
	21-25	Color 2
	26-30	Color 2->Color 3
	31-35	Color 3
	36-40	Color 3->Color 4
	41-45	Color 4
	46-50	Color 4->Color 5
	51-55	Color 5
	56-60	Color 5->Color 6
	61-65	Color 6
	66-70	Color 6->Color 7
	71-75	Color 7
	76-80	Color 7->Color 8
	81-85	Color 8
	86-90	Color 8->Color 9
	91-95	Color 9
	96-100	Color 9->Color 10
	101-105	Color 10

5. Trouble Shooting

PROBLEM	REASON AND ACTION
The lighting can't be started normally	➤ Check the power connection is correct or not. ➤ The fuse is damage. ➤ Please detect the voltage. ➤ Power supply is damaged or incorrect connected. Call a qualified personnel to fix it. ➤ Connection of control board is not correct. Call a qualified personnel to fix it.
Out of console's control	➤ Please check the DMX connector and the power connection is connected correctly or not. When i t having signal the screen panel green LED will blink. Please check the DMX address setting of lighting is correct or not. ➤ Check【CHANNEL SETTING】setting is correct or not. ➤ Please check whether the DMX line is near to the high voltage wire or not. In that case, it will damage or interfere the DMX electric circuit.
Pan or tilt running incorrect	➤ Check feedback sensor adjust the position or cancel this function in 【PAN TILT FEEDBACK 】 menu.

		Y RASTER	
		X HALL	
		Y HALL	
		FOCUS HALL	
RESET	YES/NO		
SEND PARAMETERS	YES/NO		
CHANNEL SETTING	PASSWORD 250	PAN	1-20
		PAN FINE	1-20
		TILT	1-20
		TILT FINE	1-20
		PAN&TILE SPEED	1-20
		STROBE	1-20
		DIMMER	1-20
		GOBO	1-20
		COLOR	1-20
		FOCUS	1-20
		PRISM 1	1-20
		PRISM ROTATE	1-20
		PRISM 2	1-20
		RESERVED	1-20
		RESERVED	1-20
		MULTICOLOR	1-20
		LAMP CONTROL	1-20
		RESET CONTROL	1-20

Comment：

1. When enter to the "*" position displayed on the menu, the fixture will automatically set as master and send data to external. Other fixtures can receive this data and will syn chronously running without manually set as slave. When power cycle it will jump to the "*" position and running again. And in these position it will not return back to the default display after 30s.

2. When return factory default only return to the char with under line parameter others will not change.

3. 【SEND PARAMETERS】 can send setting parameters with under line via DMX cable and there will be an automatic reset of the other projectors after receiving parameter correctly.

	111-115	Color 11
	116-120	Color 11->Color 12
	121-125	Color 12
	126-130	Color 12->Color 13
	131-135	Color 13
	136-140	Color 13->Color 14
	141-145	Color 14
	146-150	Color 14->Open
	151-200	CW flow(slow to fast)
	201-205	Color wheel stop
	206-255	CCW flow(slow to fast)
ADJ CH9	0-5	Open(white)
	6-10	Gobo 1
	11-15	Gobo 2
	16-20	Gobo 3
	21-25	Gobo 4
	26-30	Gobo 5
	31-35	Gobo 6
	36-40	Gobo 7
	41-45	Gobo 8
	46-50	Gobo 9
	51-55	Gobo 10
	56-60	Gobo 11
	61-65	Gobo 12
	66-70	Gobo 13
	71-75	Gobo 14
	76-80	Gobo 15
	81-85	Gobo 16
	86-90	Gobo 17
	91-97	Gobo1 shake(slow to fast)
	98-104	Gobo2 shake(slow to fast)
	105-111	Gobo3 shake(slow to fast)
	112-118	Gobo4 shake(slow to fast)
	119-125	Gobo5 shake(slow to fast)
	126-132	Gobo6 shake(slow to fast)
	133-139	Gobo7 shake(slow to fast)
	140-146	Gobo8 shake(slow to fast)
	147-153	Gobo9 shake(slow to fast)
	154-160	Gobo10 shake(slow to fast)
	161-167	Gobo11 shake(slow to fast)
	168-174	Gobo12 shake(slow to fast)
	175-181	Gobo13 shake(slow to fast)

	182-188	Gobo14 shake(slow to fast)
	189-195	Gobo15 shake(slow to fast)
	196-202	Gobo16 shake(slow to fast)
	203-209	Gobo17 shake(slow to fast)
	210-230	CW flow(slow to fast)
	231-234	Gobo wheel stop
	235-255	CCW flow(slow to fast)
ADJ CH10	0-10	Prism 1 off
	11-255	Prism 1 on
ADJ CH11	0-2	Prism stop rotate
	3-150	Prism angle 0-400
	151-200	Prism CW(slow to fast)
	201-205	Prism stop rotate
	206-255	Prism CCW(slow to fast)
ADJ CH12	0-10	Prism 2 off
	11-255	Prism 2 on
ADJ CH13	0-255	Focus(From far to near)
ADJ CH14	0-120	No effect
	121-255	Color effect 100%
ADJ CH15	0-99	Not valid
	100-105	Lamp off(at least5S)
	106-199	Not valid
	200-205	Lamp on(at least 5S)
	206-255	Not valid
ADJ CH16	0-250	Not valid
	251-255	All motor reset(at least 5S)

4. Display Operation instruction

➢ MENU : top menu scroll or return to a previous menu option

➢ ENTER: enter to the next level menu or save current setting parameter

➢ UP: menu selection or parameter increments

➢ DOWN: menu selection or parameters decrease

Menu tree

TOP	LEVEL 1	LEVEL 2	LEVEL 3

DMX ADDRESS	001-512		
LAMP	LAMP CONTROL	DO NOTHING AND EXIT/OPEN LAMP/CLOSE LAMP	
	POWER ON LAMP ON	ON/OFF	
	AFTER RESET LAMP ON	ON/OFF	
	LAMP BY DMX CONTROL	ON/OFF	
SETTING	PAN TILT FEEDBACK	ON/OFF	
	PAN INVERT	ON/OFF	
	TILT INVERT	ON/OFF	
	SWAP PAN TILT	ON/OFF	
	SOUND SENSITIVITY	1-15-30	
DISPLAY	LANGUAGE	ENGLISH/中文	
	DISPLAY INVERSE	YES/NO	
	BACKLIGHT	PERMANENTLY ON/30S OFF	
MANUALLY CONTROL	PAN	0-255	
	PAN FINE	0-255	
	TILT	0-255	
	TILT FINE	0-255	
	PAN&TILE SPEED	0-255	
	STROBE	0-255	
	DIMMER	0-255	
	GOBO	0-255	
	COLOR	0-255	
	FOCUS	0-255	
	PRISM 1	0-255	
	PRISM ROTATE	0-255	
	PRISM 2	0-255	
	RESERVED	0-255	
	RESERVED	0-255	
	MULTICOLOR	0-255	
AUTO MODE	MASTER AUTO RUN	RUNNING…*	
	ALONE AUTO RUN	RUNNING…*	
	MASTER SOUND RUN	RUNNING…*	
	ALONE SOUND RUN	RUNNING…*	
FACTORY DEFAULT	YES/NO		
INFORMATION	LAMP STATUS NOW	ON/OFF	
	SOFTWARE VERSION	Vx.x	
	RESET INFO	X RASTER	