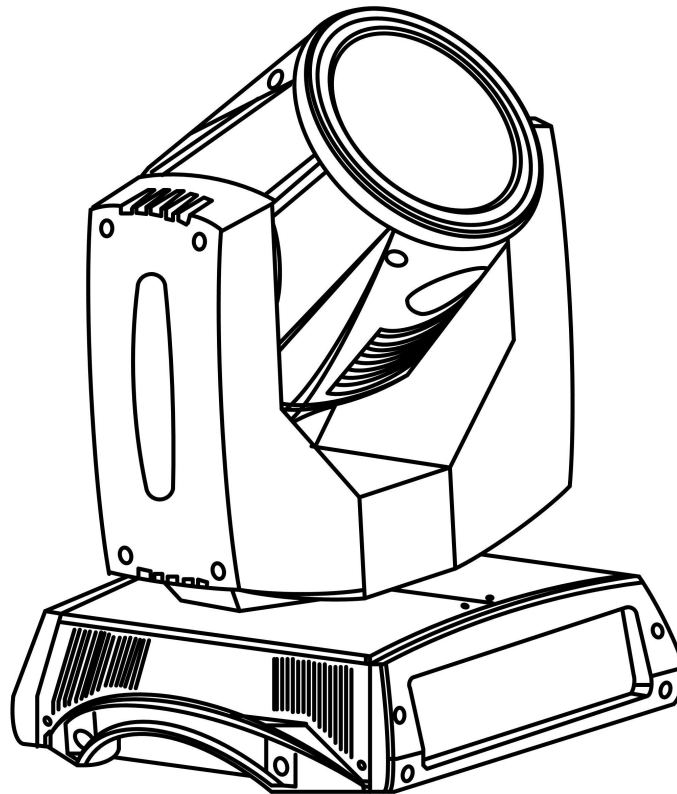


7R BEAM MOVE HEAD LIGHT

USER MANUAL

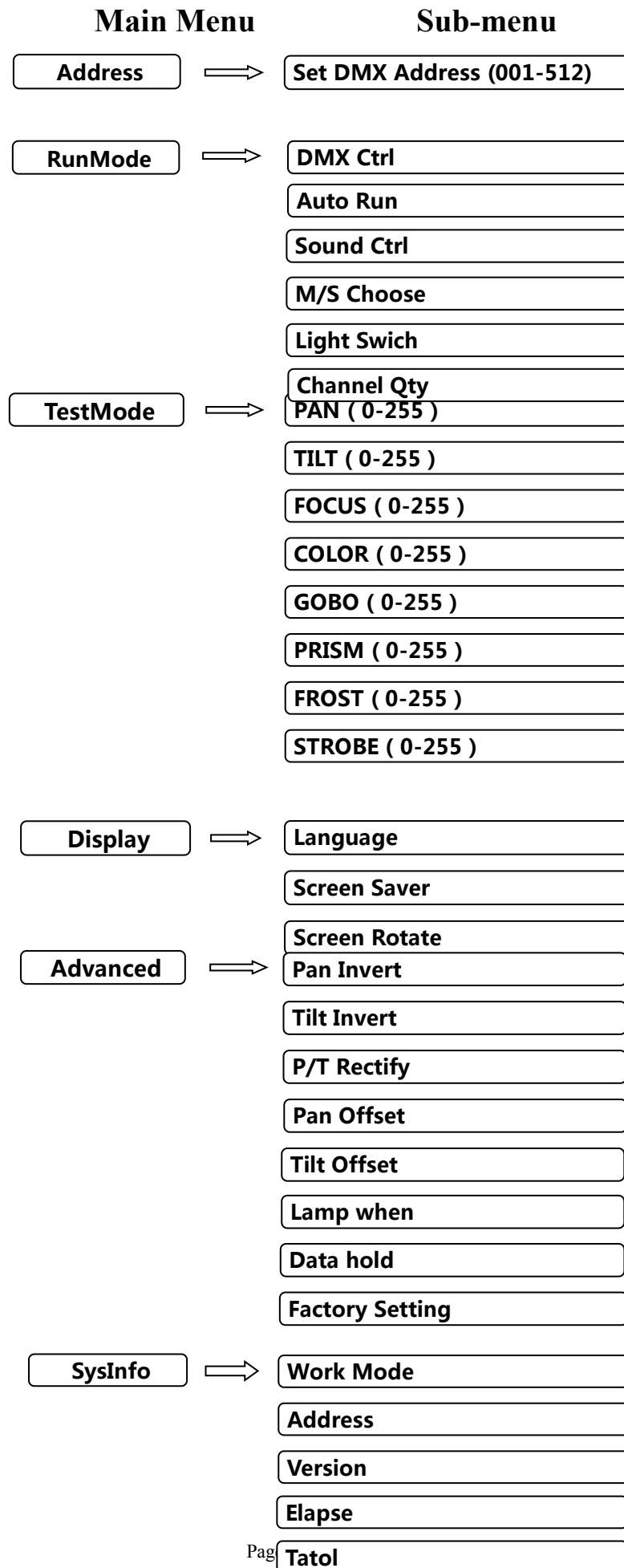


Please read over this manual before operation the light

1. Product Instruction

- lamp: 7R
- Channel mode:16/20 DMX512 Channel
- Pan scan: 540°(16bit) Electric correction
- Tilt scan: 270° (16bit) Electric correction
- Display:TFT LCD,supports 180° turning show
- Color wheel: one color wheel, 14 kinds of color chips in one color wheel
- Beam angle: 0-4°
- Gobo: 17 gobos
- Effect Wheel: Rotation eight prism, effect move , frost
- 0-100% mechanical dimming, mechanical dimming and free dimming available.
- strobe macro control available.
- Over heat protection
- Power Input: 100-240V, 50/60Hz
- Power Dissipation: 350W
- IP level :IP20
- Size & NW: 55x45x42mm , 19.5kgs
- Pack size: 56x46x43cm, 23kgs

2. Menu Structure



3. Operation Settings

1) **Address: Set DMX Address: 001-255.**

2) **RunMode---->Work Mode: Set working mode:**

- ◆ DMX Ctrl: DMX Mode,
- ◆ Auto Run: Auto Mode,
- ◆ Sound Ctrl: Sound Mode,
- ◆ M/S Choose: ON -- Master;
OFF -- Slave; **-(Default)**
- ◆ Light Switch: ON -- Turn on the light,
OFF -- Turn off the light.
- ◆ Channel Qty Simple -- 16CH; **-(Default)**
Expand-- 20CH(or null)

3) **TestMode-->Test: Used for test light, modify DMX**

channel data to test function.

- ◆ PAN: range for 0 to 255;
- ◆ TILT: range for 0 to 255;
- ◆ FOCUS: range for 0 to 255;
- ◆ COLOR: range for 0 to 255;
- ◆ GOBO: range for 0 to 255;
- ◆ PRISM: range for 0 to 255;
- ◆ FROST: range for 0 to 255;;
- ◆ STROBE: range for 0 to 255;

4) **Display: Set display parameter**

- ◆ Language: English / 中文
- ◆ Screen Saver: OFF -- No screen saver
Model -- Power-saving mode, turn off
the display
Mode2 -- Displays the current address
Mode3 -- Displays the icon and the
current working mode-**(Default)**

- ◆ Screen Rotation: ON -- Normal display--**(Default)**
OFF -- 180° turning display.

5) **Advanced: Advanced parameter settings:**

- ◆ Pan Invert: OFF -- Pan Normal move-**(Default)**
ON -- Reverse PAN move
- ◆ Tilt Invert: OFF -- Tilt Normal move-**(Default)**
ON -- Reverse Tilt move
- ◆ P/T Rectify: OFF -- Close P/T rectify
ON -- Start P/T rectify-**(Default)**
- ◆ Pan Offset: Set PAN original position. **Default: 10**
- ◆ Tilt Offset: Set TILT original position. **Default: 10**
- ◆ Lamp when: PowerON -- Turn on the lamp when power
on-**(Default)**
RstDone -- Turn on the lamp after reset
Manual -- Manually turn on the lamp

◆ Data hold: OFF -- When no DMX signal, return to the middle position-(Default)
 ON -- When no DMX signal, stop in the final position.

◆ Factory Setting: Restore all parameter to factory setting.

6) SysInfo-->Status: Show the current status and version of the lamp.

◆ Work Mode: Show the current working mode
 When <Data hold> set <ON>, click to clear DMX data, and make the lamp return to the middle position.

◆ Address: Show the current address.

◆ Version: Show the version of the lamp.

◆ Elapse: Working hours after turn on
 Click to reset.

◆ Tatol: Cumulative hours of operation

4. Channel table

16/20 Channels

MODE	CH	NAME	Value	BRIEF
Simple channel 16CH	CH1	COLOR		Select color or mode--(See details: 4-2. COLOR)
	CH2	STROBE	0~3	Turn off
			4~103	Strobe from slow to fast
			104~107	Turn on
			108~207	Pulse strobe from slow to fast
			208~212	Turn on
			213~251	Random strobe from slow to fast
			252~255	Turn on

	CH3	DIMMING	000-255	dimming 0~100%
	CH4	GOBO		Select gobo--(See details: 4-3. GOBO)
	CH5	PRISM	0~127	Remove prism
			128~255	Insert prism
	CH6	ROTATE PRISM	0~127	Rotate Angle 0~400 degree
			128~190	Rotate forward (Fast -- slow)
			191~192	Stop
			193~255	Rotate reverse (Slow -- fast)
	CH7	No		
	CH8	FROST	0~127	No frost
			128~255	Insert frost
	CH9	FOCUS	000-255	From far to near
	CH10	PAN	000-255	0~540° pan position
	CH11	PAN FINE	000-255	Fine-adjust pan position
	CH12	TILT	000-255	0~270° tilt position
	CH13	TILT FINE	000-255	Fine-adjust tilt position
	CH14	No		
	CH15	RESET	0~127	No
			128~255	Reset (stay over 3 second)
	CH16	LAMP	0~25	No
			26~100	Turn off (stay over 3 second)
			101~255	Turn on (stay over 3 second)
Extend	CH17	X/Y	0~255	PAN & TILT SCAN SPEED

20CH		SPEED		FAST TO SLOW
	CH18	COLOR SPEED	0~255	COLOR SPEED FAST TO SLOW
	CH19	FOCUS SPEED	0~255	FOCUS SPEED FAST TO SLOW
	CH20	GOBO SPEED	0~255	GOBO SPEED FAST TO SLOW

4-2. COLOR

CH NO.	NAME	VALUE	FUNCTION
CH1	COLOR	0-4	WHITE
		5-8	WHITE+ RED
		9-12	RED
		13-17	RED + GREEN
		18-21	GREEN
		22-25	GREEN+ BLUE
		26-29	BLUE
		30-34	BLUE + WARM COLOR
		35-38	WARM COLOR
		39-42	WARM COLOR + YELLOW
		43-46	YELLOW
		47-51	YELLOW+ PURPLE
		52-55	PURPLE

		56-59	PURPLE + ORANGE
		60-63	ORANGE
		64-68	ORANGE + ROSY
		69-72	ROSY
		73-76	ROSY + LIGHT GREEN
		77-81	LIGHT GREEN
		82-85	LIGHT GREEN + LIGHT BLUE
		86-89	LIGHT BLUE
		90-93	LIGHT BLUE + COOL COLOR
		94-98	COOL COLOR
		99-102	COOL COLOR + ORANGE-RED
		103-106	ORANGE-RED
		107-110	ORANGE-RED+ LIGHT YELLOW
		111-115	LIGHT YELLOW
		116-119	LIGHT YELLOW + PINK
		120-123	PINK
		124-127	PINK + WHITE
		128-255	Rotate forward (Fast -- slow)

4-3. GOBO

CH NO.	NAME	VALUE	FUNCTION
CH4	GOBO	0~3	WHITE
		4~7	Gobo1
		8~11	Gobo2
		12~15	Gobo3
		16~19	Gobo4
		20~23	Gobo5
		24~27	Gobo6
		28~31	Gobo7
		32~35	Gobo8
		36~39	Gobo9
		40~43	Gobo10
		44~47	Gobo11
		48~51	Gobo12
		52~55	Gobo13
		56~59	Gobo14
		60~63	Gobo15
		64~67	Gobo16
		68~71	Gobo17
		72~113	Rotate forward (Fast -- slow)
		114~117	stop (white)
		118~159	Rotate reverse (Slow -- fast)

		160~166	Gobo2,shaking slow to fast
		167~172	Gobo3,shaking slow to fast
		173~179	Gobo4,shaking slow to fast
		180~185	Gobo5,shaking slow to fast
		186~191	Gobo6,shaking slow to fast
		192~198	Gobo7,shaking slow to fast
		199~204	Gobo8,shaking slow to fast
		205~211	Gobo9,shaking slow to fast
		212~217	Gobo10,shaking slow to fast
		218~223	Gobo11,shaking slow to fast
		223~230	Gobo12,shaking slow to fast
		231~236	Gobo13,shaking slow to fast
		237~243	Gobo14,shaking slow to fast
		243~249	Gobo15,shaking slow to fast
		250~255	Gobo16,shaking slow to fast