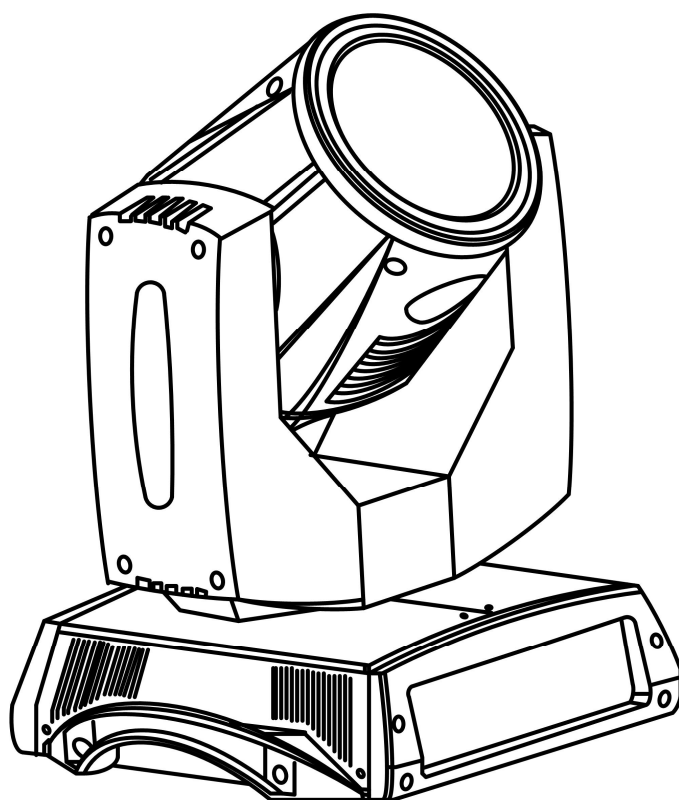


7R BEAM MOVE HEAD LIGHT

USER MANUAL



Chapter 1 Installation and attention

1.1 Maintenance

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Intermittently using will extend this item's service life.
- Please clear the fan ,fan net , and optical lens in order to keep good work state.
- Do not use the alcohol or any other organic solvent to wipe the shell.

1.2 Statement

The product has perfect performance and integrity packing. All users should be strictly complying with the warning and operating instructions as stated. Or we aren't in charge of any result by misusing. Any damage resulting by misuse is not within the Company's warranty. Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Note: All information is subject to change without prior notice.

1.3 Safety Precaution

- In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.
- Always mount this unit in safe and stable matter.
- Install or dismantle should operate by professional engineer.
- Using lamp, the change rate of power voltage should be within $\pm 10\%$, If the voltage is too high, it will shorten the light's life; If it's not enough, will influence the effect.
- Please restart it 20 minutes later after turning off light , until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.
- In order to make sure the product is used well, please read the Manual carefully.

1.4 Product Instruction

- lamp: MSD 7R OSRAM
- Channel mode:16/20 DMX512 Channel
- Pan scan: 540°(16bit) Electric correction
- Tilt scan: 270° (16bit) Electric correction
- Amazing dot matrix, four tact switch, 180° turning show
- Color wheel: one color wheel, 14 kinds of color chips in one color wheel
- 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.
- Lens optical system achanical focuse .beam angle 0~4°

- Over heat protection
- Power Input: 100-240V, 50/60Hz
- Power Dissipation: 350W
- IP level :IP20
- Magnetic ballast and AC/Dc power supply
- Product Size: 523×337×511mm
- Packing Size: 635X440X725
- Net weight: 19.5KG

1.5 Cable connection (DMX)

Use a cable conforming to specifications EIA RS-485: 2-pole twisted, shielded, 120Ohm characteristic impedance, 22-24 AWG, low capacity. Do not use microphone cable or other cable with characteristics differing from those specified. The end connections must be made using XLR type 3 or 5-pin male/female connectors. A terminating plug must be inserted into the last projector with a resistance of 120Ohm (minimum 1/4 W) between terminals 2 and 3.

IMPORTANT: The wires must not make contact with each other or with the metal casing of the connectors. The casing itself must be connected to the shield braid and to pin 1 of the connectors.

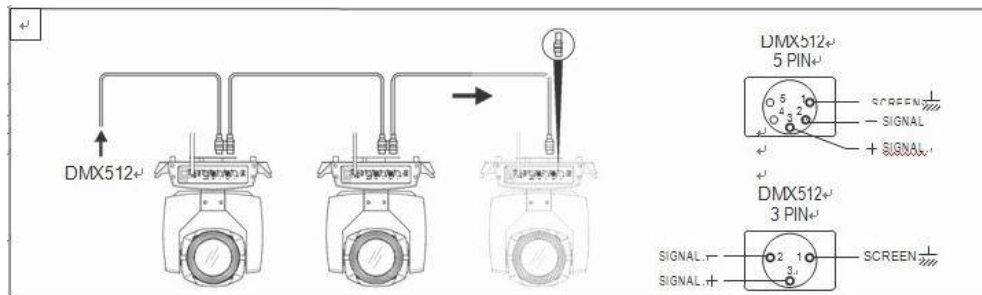


Figure 1 DMX Cable connection

1.6 Rigging (Optional)

This equipment can be positioned and fixed by clamp in every direction of the stage. Locking system makes it easy to fasten to the bracket.

Attention! Two clamps is needed to fix the equipment. Every clamp is locked by fastener of 1/4 kind. Fastener can only be locked clockwise.

Attention! Fasten a safety string to the additional hole of side aluminum piece. The secondary accessory can not hang on the delivery handle. Nip the equipment on bracket.

- Check if rigging clamp (not including the one inside) damaged or not? If stand ten times weight as the equipment. Make sure the architecture can stand ten times weight as all the equipments, clamps, wirings and other additional fixtures.
- Screws for clamping must be fixed firmly. Take one M12 screw (Grade 8.8 or higher) to clamp bracket, and then screw the nuts.
- Level the two hanging points at the bottom of clamp. Insert fastener to the bottom, lock the

two levers by 1/4 rotating clockwise; then install another clamp.

- Install on safety string which stands at least ten times weight as equipment. Terminal of the accessory is designed for clamps.
- Make sure pan/tilt lock unlocked or not. Keep the distance more than 1M from equipment to flammable material or lighting source.

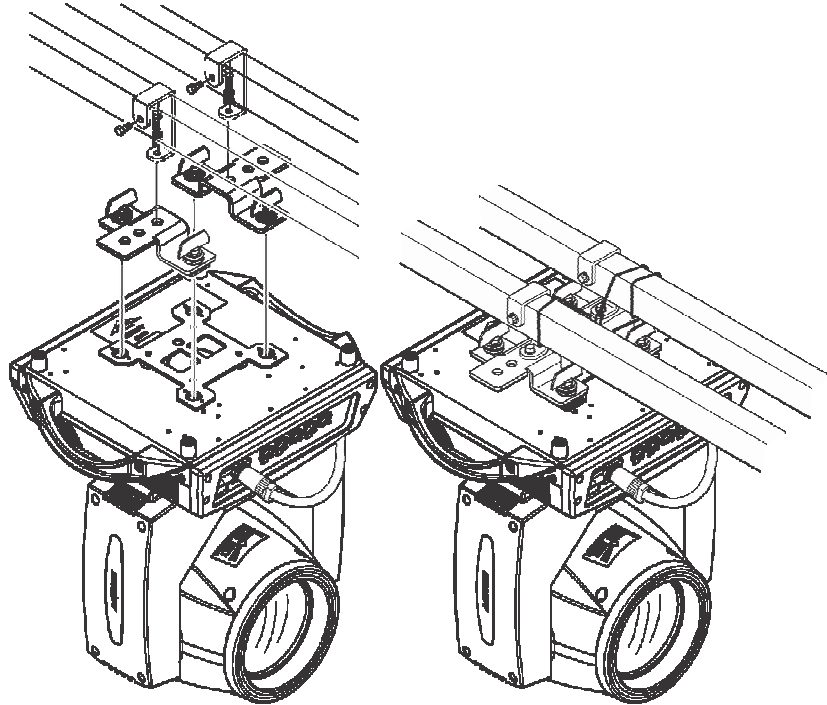


Figure 2 Installation

Chapter 2 Panel operation

Standard	Default set	Enter?	
	Address	001-512	
	DMX mode	Mode1/Mode2	
	Effect mode	No/Yes	
	Started lamp	Off/on	
	Switch lamp	Off/on	
	No signal	Clear/Hold	
	UI Color	Green/Blue/Gold en/Gray	
	Show time	No/Yes	
	Brightness	000-255	
	Screensaver	Off/on	
	XY encoder	No/Yes	
	X inversion	No/Yes	
	Y inversion	No/Yes	
	Focus inversion	No/Yes	
	Zoom inversion	No/Yes	
Advanced	Code(00001111)		
Info	Error List	No error/View	
	System ver	Vxxxxxxx	
	Serial NO.	xxxxxxx	
	SYS timer	00000.0H	
	Run timer	000:00	
	Lamp timer	00000.0H	
	Equip TEMP	000	
	Head TEMP	000	
	FAN 1 Speed	0000 RPM	
	FAN 2 Speed	0000 RPM	
perform	Run mode	Auto/Sound	
	Run speed	255	
	Run cross	255	
	Built-in 1	Off/on	
	Built-in 2	Off/on	
	User PRO 1	Off/on	
	User PRO 2	Off/on	
	User PRO 3	Off/on	
	User PRO 4	Off/on	
	Shpae shape	Off/on	
	Shape range	000	

	Sound DB	000	
Program			
Reset			

Chapter 3 Channel description

3.1 Channel table

MODE	CH	NAME	Value	BRIEF
Sample 16CH	CH1	COLOR		Select color or mode
	CH2	STROBE	0~3	Dark
			4~103	Strobe from slow to fast
			104~107	White
			108~207	Pulse strobe from slow to fast
			208~212	White
			213~251	Random strobe from slow to fast
			252~255	White
	CH3	DIMMING	000-255	dimming 0~100%
	CH4	GOBO		Select gobo
	CH5	PRISM	000-255	PRISM
	CH6	ROTATE PRISM	0~127	Angle 0~400
			128~190	Rotate forward (Fast -- slow)
			191~192	Stop
			193~255	Rotate reverse (Slow -- fast)
	CH7	NULL		
	CH8	FROST	0~127	No frost
			128~255	Insert frost
	CH9	FOUSE	000-255	FOUSE(far to near)
	CH10	PAN	000-255	0~540°
	CH11	PAN FINE	000-255	
	CH12	TILT	000-255	0~270°
	CH13	TILT FINE	000-255	
	CH14	Function	000-255	
	CH15	RESET	0~127	none
			128~255	Reset light (stay over 3 second)
	CH16	LAMP	0~25	none
			26~100	Turn off lamp (stay over 3 second)
			101~255	Turn on lamp (stay over 3 second)
Extend 20CH	CH17	NULL	NULL	NULL
	CH18	NULL	NULL	NULL
	CH19	NULL	NULL	NULL
	CH20	NULL	NULL	NULL