

USER MANUAL

280W Beam Moving Head Light

10RB280-Sharp Light



Please read over this manual before operation the light

Maintenance

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

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.

Safety Precaution

1. In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.
2. Always mount this unit in safe and stable matter.
3. Install or dismantle should operate by professional engineer
4. 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
5. 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。
6. In order to make sure the product is used well, please read the Manual carefully.

Product Instruction

- lamp: Philips MSD Platinum 10r or YODN 10r (life:2280 hours Color temperature: 8000K)
- Channel mode: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: Rotatable 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: 100-240V, 50/60Hz
- Consumed power: 350W
- IP level :IP20
- Magnetic ballast and AC/Dc power supply
- Product Size: 523x337x511mm
- Packing Size: 635X440X725
- Net weightness: 19.5KG

Power Supply Mains

Use the provided plug to connect the main power to the projector paying attention to the voltage and frequency marked on the panel of the projector. It is recommended that each projector be supplied separately so that they may be individually switched on and off.

IMPORTANT

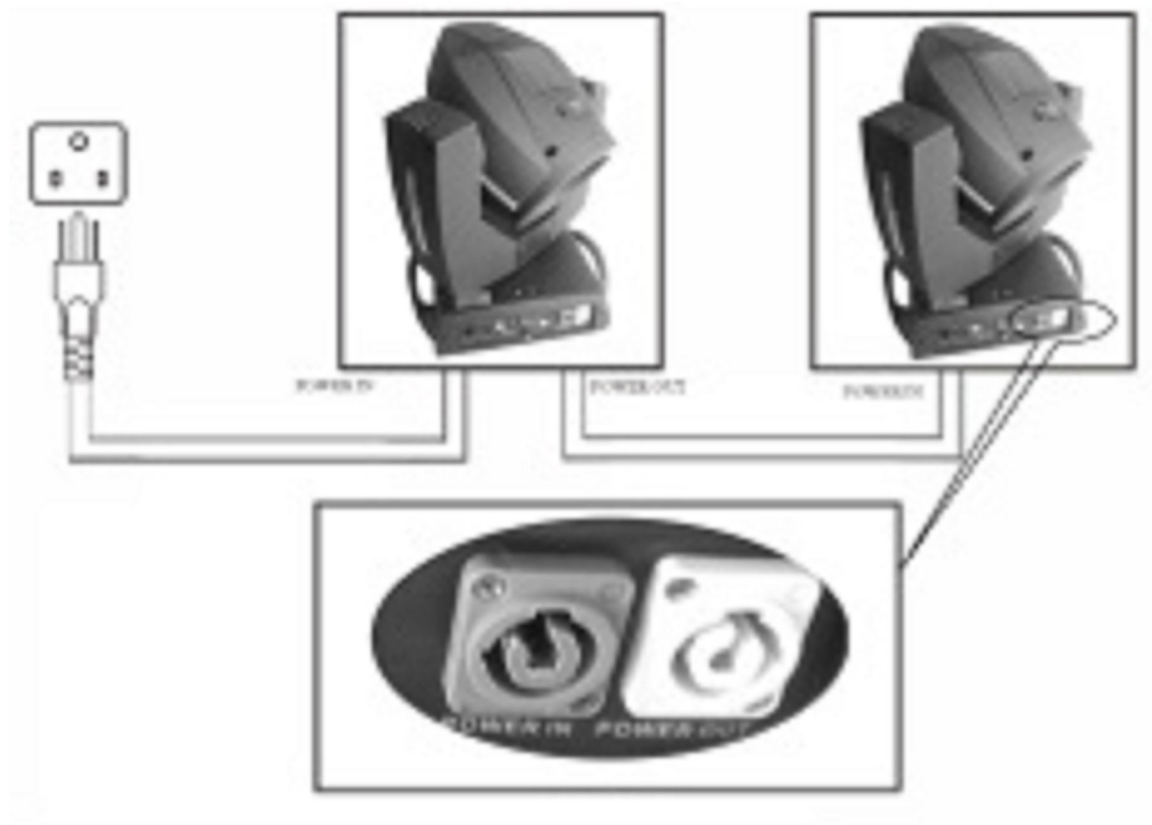
It is essential that each projector is correctly earthed and that electrical installation conforms to all relevant standards. Power consumption of this projector is 200VA.

The connection of Power cable between the led moving head lamp and respectively led moving head lamp should use the three core shielded cable,

Power cable joint (at most 4pcs) in each other, this is the Connector picture as below:

Important Notice:

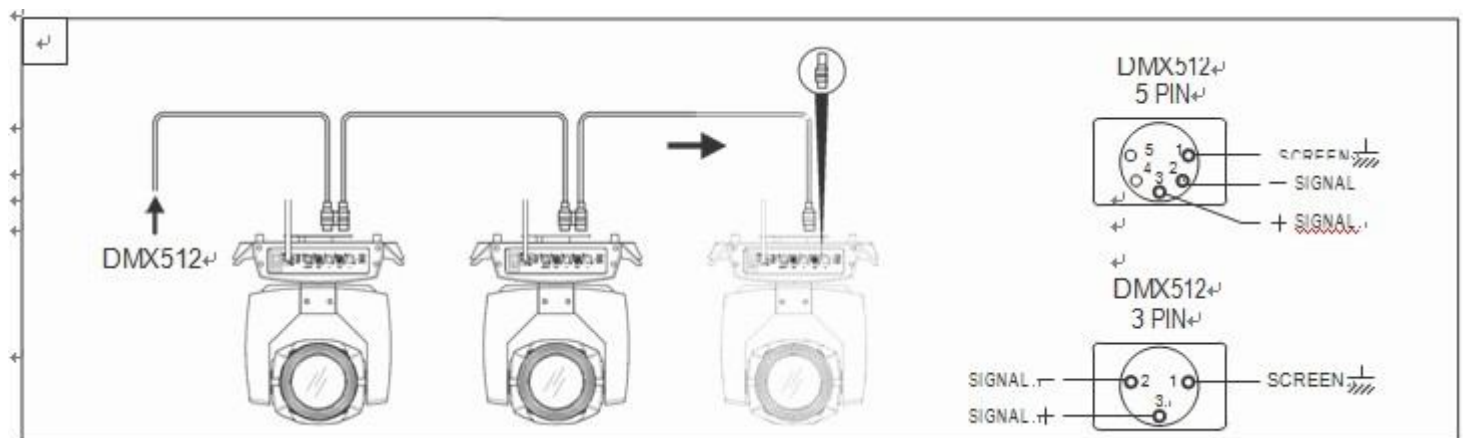
In order to avoid overloading the power supply, the power cable can only supply power for at most 4 light



Connecting to the control signal line (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.



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.

1, 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.

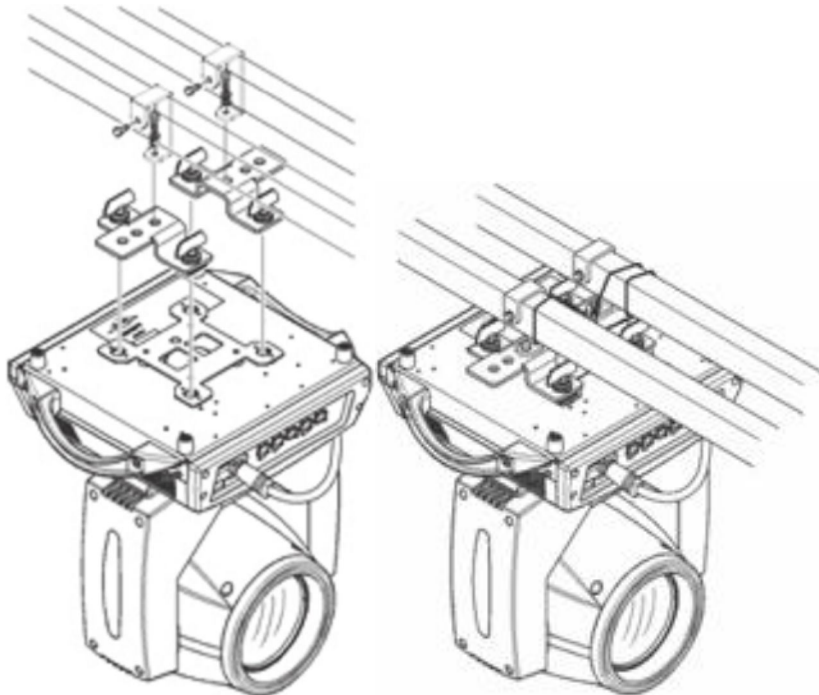
2, Screws for clamping must be fixed firmly. Take one M12 screw (Grade 8.8 or higher) to clamp bracket, and then screw the nuts.

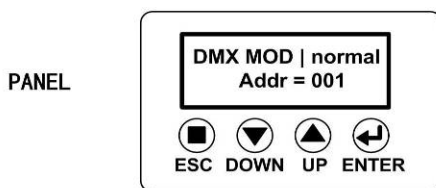
3, Level the two hanging points at the bottom of clamp. Insert fastener to the bottom, lock the two levers by 1/4 rotating clockwise; then install another clamp.

4 Install on safety string which stands at least ten times weight as equipment.

Terminal of the accessory is designed for clamps.

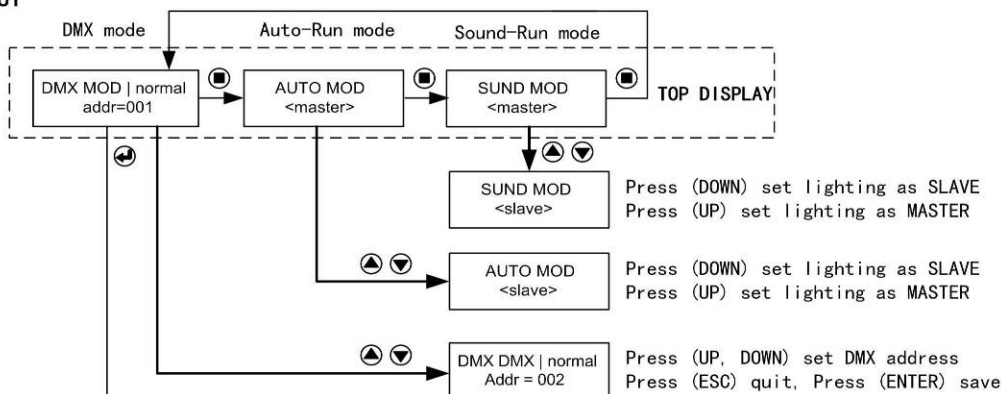
5 Make sure pan/tilt lock unlocked or not. Keep the distance more than 1M from equipment to flammable material or lighting source.



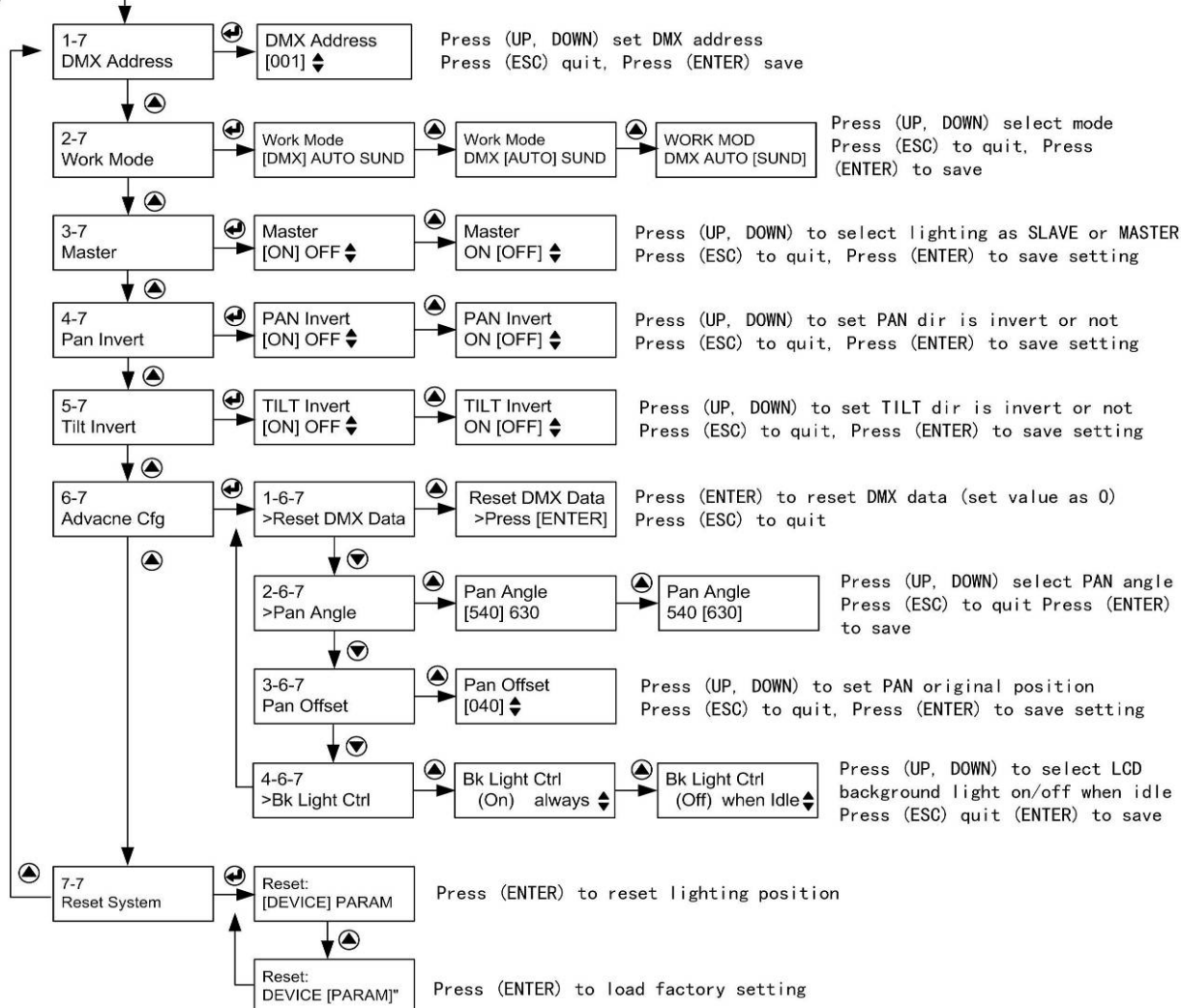


- ESC** a: Select Work-Mode(DMX, Auto or sound mode)
b: Return upper menu and quit parameter setting
- UP** a: Select menu;
- DOWN** b: Set parameter
- ENTER** a: Enter sub menu;
b: Return upper menu and save parameter setting

SHORTCUT



MENU



Digital display setting:

Channel control

CH	Name	DMX Value	Description
CH 1	Color	0-4	White
		5-8	White+Color1
		9-12	Color1
		13-17	Color1+Color2
		18-21	Color2
		22-25	Color2+Color3
		26-29	Color3
		30-34	Color3+Color4
		35-38	Color4
		39-42	Color4+Color5
		43-46	Color5
		47-51	Color5+Color6
		52-55	Color6
		56-59	Color6+Color7
		60-63	Color7
		64-68	Color7+Color8
		69-72	Color8
		73-76	Color8+Color9
		77-81	Color9
		82-85	Color9+Color10
		86-89	Color10
		90-93	Color10+Color11
		94-98	Color11
		99-102	Color11+Color12

		103-106	Color12
		107-110	Color12+Color13
		111-115	Color13
		116-119	Color13+Color14
		120-123	Color14
		124-127	Color14+Color15
		128-255	Color15
CH 2	Strobe	0-3	White
		4-103	Slow strobe to fast strobe
		104-107	White
		108-207	Fast strobe to slow strobe
		208-212	white
		213-225	Free strobe ,slow
		226-138	Free strobe ,middle
		239-251	Free strobe ,fast
		252-255	White
CH 3	Dimming	0-255	0-100%
CH 4	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	Gobo change ,fast to slow
		114-117	Stop
		118-159	Gobo change ,slow to 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
		224-230	Gobo12,shaking slow to fast
		231-236	Gobo13,shaking slow to fast
		237-243	Gobo14,shaking slow to fast
		244-249	Gobo15,shaking slow to fast
		250-255	Gobo16,shaking slow to fast
CH 5	Prism	0-127	White

		128-255	Prism
CH 6	Prism Rotate	0-20	Angle 0
		21-41	Angle 90
		42-62	Angle 180
		63-83	Angle 270
		84-104	Angle 360
		105-126	Angle 450
		127	Angle 540
		128-190	Fast rotate to Slow rotate
		191-192	stop
		193-255	Slow rotate to fast rotate
CH 7	Empty	0-255	
CH 8	Frost	0-255	0-100% Frost
CH 9	Focus	0-255	0-100% Focus
CH 10	X	0-255	540°
CH 11	X fine	0-255	1.8°
CH 12	Y	0-255	270°
CH 13	Y fine	0-255	1.8°
CH 14	Macro Function	0-11	
		12-14	
		25-37	
		38-50	
		51-62	
		63-255	
CH 15	Reset	63	Reset
CH 16	Lamp	63	Off
		178	On

CH 17	PAN - TILT TIME	0-255	
CH 18	COLOUR TIME	0-255	
CH 19	BEAM TIME	0-255	
CH 20	GOBO TIME	0-255	