



Warranty Card

Name	Model	Production	Purchase
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End User
Company Name:
Add:

Sale Store	
Link man:	Stamp
Tel:	

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period: one year since purchase warranty terms: 1、 If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

- (1)Without the effective warranty card
- (2)There's blank, alter and no point-of-sale name
- (3)Fail caused by unresistance
- (4)Fail caused by transportation or unloading
- (5)Fail caused by not operate by manual
- (6)Fail caused by disassemble without unauthorized
- (7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.

17R Beam Spot Wash Moving Head User Manual



This manual contains important information.
Please read before operating fixture.

1 SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -15 °C -40 °C, the highest temperature of the surface of the lamp: 60 °C.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

2 TECHNOLOGY REFERENCE

change it

- b) Check whether bulbs circuitry leak, loss or connect poorly

2. Beam appears bleak

- a) The bulbs maybe approach the service life, then change it, or the optical components are unclean.
- b) Bulbs have accumulation of dust, so the bulbs and other parts inside the lamp should be cleaned and maintained in regular period.

3. Computer lamp work intermittently

- a) Check whether the fan process naturally and become dirty
- b) Check inner temperature-response control plug is off
- c) Check whether the circuitry is good

4. The computer lamp not controlled by controller during lighting

- a) Check numeral starting address and the connection of communication control circuit
- b) The corresponding channel button of controller is open or not
- c) Check whether the fuse on power supply input jack is broken off

6 AFTER SERVICE

1. Our company offer technical consultation to customers for ever.
2. If the machine is wrong and need repairmen, please truthfully fill in the related content and feedback us the problems timely, as well as we have to improve the product.
3. In addition to the lamp, also matching accessories are as follows:

accessories: Power line 1 piece **Optional parts:** (customers)

			rotation from fast to slow
		178-255	Backwards prism rotation from slow to fast
13	Focus	0-255	Continuous adjustment from far to near
14	Zoom	0-255	Zoom from max. to min beam angle
15	Shutter/strobe	0-3	Shutter closed
		4-103	Strobe-effect 1 from slow to fast
		104-107	Shutter open
		108-207	Strobe-effect 2 from slow to fast
		208-211	Shutter open
		212-251	Strobe-effect 3 from slow to fast
		252-255	Shutter open
16	Dimmer intensity	0-255	Dimmer intensity from 0% to 100%

5 DIFFICULTY RESOLUTION

The following is a list of problems and resolution, and other malfunction preparing work should be professionally qualified staff to deal with.

1. Bulb not working

- a) Check whether approaching the service life of light bulbs, then

Input voltage range: 100–240 V, 50/60 Hz

Power consumption: 470 W at 230 V / 50 Hz

Lamp: YODN MSD 350R17

Lamp Life : 1500 hrs

Zoom range: 3°-10° beam application; 5° – 29° spot application

Colour wheel: 14 dichroic filters + white

Rotating Gobo wheel: 12 rotating, indexable and replaceable

"SLOT&LOCK" glass gobos + open

Static Gobo wheel: 17 gobos + open

Prism 1: 12-facet circular prism rotating

Prism 2: 4-facet linear prism rotating

Control channels: 16ch

LED color display

Data in/out: Locking 3-pin XLR

Power input: PowerCon

Mounting points: 2 pairs of -turn locks

2 x Omega bracket with -turn quick locks

1 x Safety attachment point

N.W.: 15.8kg

Flight case size: 900*470*780mm(Double/CTN)

G.W.: 64kg

3 Board Instruction

1) DMX interface :

Name	description
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DMX	Choice the DMX address from 001 to 255
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2) Setup interface:

name	description
X Reverse	OFF / ON , default OFF
Y Reverse	OFF / ON , default OFF
Lamp on	OFF / ON , default ON
Backlight	0-255 , default value 128
Screen Ro	OFF / ON. screen reverse
Exit	

3) Adjust interface :

name	description
Gobo	default value 025 , 000-512
Color	default value 020 , 000-512
Focus	default value 001 , 000-512
Prism	default value 000 , 000-512
X	default value 000 , 000-512
Y	default value 000 , 000-512
Exit	

4) RunTest interface :

name	description
Auto Run	OFF/ON , Auto running mode
Sound run	OFF/ON , Sound active mode
SoftReset	OFF/ON , Total reset
Exit	

5) Manual interface

name	description
Manual Ctr	Channel control [00][000]

			from slow to fast
		166-174	Gobo 6 shaking gobo from slow to fast
		175-183	Gobo 5 shaking gobo from slow to fast
		184-192	Gobo 4 shaking gobo from slow to fast
		193-201	Gobo 3 shaking gobo from slow to fast
		202-210	Gobo 2 shaking gobo from slow to fast
		211-219	Gobo 1 shaking gobo from slow to fast
		220-234	Forwards gobo wheel rotation from fast to slow
		235-255	Backwards gobo wheel rotation from slow to fast
		0-127	Gobo indexing
		128-177	Forwards gobo rotation from fast to slow
		128-203	No totation
		204-255	Backwards gobo rotation from slow to fast
		0-19	Open position(hole)
		20-127	4-facet linear prism
		128-255	12-facet circular prism
		0-127	Prism indexing
		128-177	Forwards prism
10	Rot. gobo		
11	Prism		
12	Prism rotation and indexing		

		182-186	Gobo 2 shaking gobo from slow to fast
		187-223	Forwards gobo wheel rotation from fast to slow
		224-255	Backwards gobo wheel rotation from slow to fast
9	Rotating gobo wheel	0-3	Open/hole
		4 -12	Gobo 1
		13-21	Gobo 2
		22-30	Gobo 3
		31-39	Gobo 4
		40-48	Gobo 5
		49-57	Gobo 6
		58-66	Gobo 7
		67-75	Gobo 8
		76-84	Gobo 9
		85-93	Gobo 10
		94-102	Gobo 11
		103-111	Gobo 12
		112-120	Gobo 12 shaking gobo from slow to fast
		121-129	Gobo 11 shaking gobo from slow to fast
130-138	Gobo 10 shaking gobo from slow to fast		
139-147	Gobo 9 shaking gobo from slow to fast		
148-156	Gobo 8 shaking gobo from slow to fast		
157-165	Gobo 7 shaking gobo		

Exit	
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6) Information interface:

name	description
Lamp on timer	Time of lamp on
Reset timer	Clear up the lamp on time
Set on timer	Set up the time
Set password	Set the password
Exit	

4 DMX CHANNEL SHEET

Channel	Function	DMX Value	Description
1	Pan	0-255	Pan movement by 540degrees
2	Pan fine	0-255	Fine control of pan movement
3	Tilt	0-255	Tilt movement by 270degrees
4	Tilt fine	0-255	Fine control of tilt movement
5	Pan/Tilt speed	0-255	Speed from max to min.
6	Control	0-129	Reserved
		130-139	Lamp On
		230-239	Lamp off
		240-255	Total reset
7	Color wheel	0-9	Open/white
		10-20	Color 1
		21-31	Color 2

		32-42	Color 3
		43-53	Color 4
		54-64	Color 5
		65-75	Color 6
		76-86	Color 7
		87-97	Color 8
		98-108	Color 9
		109-119	Color 10
		120-130	Color 11
		131-141	Color 12
		142-152	Color 13
		153-163	Color 14
		164-199	Forwards rainbow effect from fast to slow
		200-255	Backwards rainbow effect from slow to fast
8	Static gobo wheel	0-3	Open/hole
		4-9	Gobo 1
		10-15	Gobo 2
		16-21	Gobo 3
		22-27	Gobo 4
		28-33	Gobo 5
		34-39	Gobo 6
		40-45	Gobo 7
		46-51	Gobo 8
		52-57	Gobo 9
		58-63	Gobo 10
		64-69	Gobo 11
		70-75	Gobo 12
		76-81	Gobo 13
		82-87	Gobo 14
88-93	Gobo 15		

		94-99	Gobo 16
		100-105	Gobo 17
		106-111	Gobo 17 shaking gobo from slow to fast
		112-116	Gobo 16shaking gobo from slow to fast
		117-121	Gobo 15 shaking gobo from slow to fast
		122-126	Gobo 14 shaking gobo from slow to fast
		127-131	Gobo 13 shaking gobo from slow to fast
		132-136	Gobo 12 shaking gobo from slow to fast
		137-141	Gobo 11 shaking gobo from slow to fast
		142-146	Gobo 10 shaking gobo from slow to fast
		147-151	Gobo 9 shaking gobo from slow to fast
		152-156	Gobo 8 shaking gobo from slow to fast
		157-161	Gobo 7shaking gobo from slow to fast
		162-166	Gobo 6 shaking gobo from slow to fast
		167-171	Gobo 5 shaking gobo from slow to fast
		172-176	Gobo 4 shaking gobo from slow to fast
		177-181	Gobo 3 shaking gobo from slow to fast