

PROFESIONAL SHOW LIGHTING



USER MANUAL

***Please carefully read this user manual in its entirety and keep it safe for future reference. It is essential to know the information and comply with the instructions given in this manual to ensure the fitting is installed, used and serviced or correctly and safely.

—: First, check the package:

Because the light in the purchase process must carry through the process of long-distance transportation. To ensure that you receive the light, please when receiving goods , please check the accessories of light.

二、Lighting packaging accessories

Power cable	*1
Signal cable	*1
manual	*1
Certificate	*1 (On the light)

SAFETY INFORMATION

- Minimum distance from flammable materials

The projector must be positioned so that any flammable materials are at least 0.20 meters (8") from every point on the surface of the fitting.

- Mounting surfaces

It is impermissible to mount the fitting on normally flammable surfaces.

- Protection against electrical shock

Connection must be made to a power supply system fitted with efficient earthing (class I appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the projectors from indirect contact and/or shorting to earth by using appropriately sized residual current devices.

- Connection to mains supply

Connection to the electricity mains must be carried out by a qualified electrical installer. Check that the mains frequency and voltage correspond to those for which the projector is designed as given on the electrical data label.

This label also gives the input power to which you need to refer to evaluate the maximum number of fittings to connect to the electricity line, in order to avoid overloading.

- Temperature of the external surface

The maximum temperature that can be reached on the external surface of the fitting, in a thermally steady state, is 100°C (212°F).

- **Maintenance**

Before starting any maintenance work or cleaning the projector, cut off power from the main supply.

After switching off, do not remove any parts of the fitting, to avoid getting burnt for at least 35minutes. After this time the likelihood of the lamp exploding is virtually nill.

The fitting is designed to hold in any splinters produced by a lamp exploding. The lenses must be mounted and, if visibly damaged, they have to be replaced with genuine spares.

MECHANICAL DETAILS

Specification

Input: 100-240V 50HZ-60HZ

Power: 700W

Light source: Yodn 440W, OSRAM461W

Working lifetime: average lifetime 1500 hours

Color temperature: 7800K

Total Output (Lumen): 23600LM

Control mode: DMX512,RDM, Sound, Auto, Master-slave

LCD display: LCD color touch display + button

DMX Channel:

XY: X540°Y270°16BIT Precise control +Fast and quiet 3-phase motors + stable and quiet

Dimmer: 0-100% ,16-bit, mechanical dimming

Strobe: 0.5-20 Hz ,synchronized, pulse effects

Beam angle: 2.5°beam mode

Spot angle: 3°-62°spot mode

Effect wheel rainbow effect + frost

CMY/CTO: CMY color mixing system, 2 CTO (3200K and 2500K)

Focus: motorized focus

Prism: 8 + 16-facet prism, CW/CCW rotation (Standard, customized is availbale)Auto focusing when zooming

Color wheel: 13 colors + open

Fixed gobo wheel: 14 gobos + open (Gobo customized is available)

Rotating wheel: 7 interchangeable gobos + open (Gobo customized is available)

Animation wheel: 3 animation wheel + open (can make special dynamic flame or water effect)

Electronic system:Switch the light bulb through the console, Electronic automatic monitoring of reset failure, Detection of Fan Speed

Energy saving mode: When the light is closed, the power decreases automatically.

Suitable: stage, perform, event , culb, show etc.

DMX data input/output: Chassis 3-pin and 5-pin Neutrik XLR (in/out)

AC power: powerCon in and out.

Cooling system: High Speed Mute Fan with Multiple Flame Retardant Rollers

Appearance: Superalloy Resistant Plastics

IP: IP20

N.W.: 23KG

Product size: 380*300*710MM

Display Description

MainMenu	Second Menu	Third Menu	Forth Menu
Settings	Dmx Address	1 - 512	
	Fixture Set	Dmx Mode	STD / EXT
		Run Mode	DMX / Host
		Pan Inverse	Close / Open
		Tilt Inverse	Close / Open
		Lamp Open	Close / Open
	Display	Language	CH / EN
		Display Flip	Close / Open
		Display Mode	Show / 60s
	Reset	Reset	Cance / Run
		Factory	Cance / Run
Info	Time	Current Time	xxxH
		Show Time	xxxH
		Power Count	xxx
	Sensor	xxxxxx	
	Software Version	Panel	Vx.xxx
		Motor_XY	Vx.xxx
		Motor	Vx.xxx
Manual	Pan	0 - 255	
	PanFine	0 - 255	
	Tilt	0 - 255	
	TiltFine	0 - 255	
	.	.	
	.	.	
Factory	Password	0 - 255	
	Pan	0 - 255	
	Tilt	0 - 255	
	Dim	0 - 255	
	Cyan	0 - 255	
	Magenta	0 - 255	
	Yellow	0 - 255	
	Color	0 - 255	
	FixGobo	0 - 255	
	Effect	0 - 255	
	Rot Gobo	0 - 255	

	Gobo Rot	0 - 255	
	Color7	0 - 255	
	Frost	0 - 255	
	PrismZoo	0 - 255	
	Prism1	0 - 255	
	Prism1Ro	0 - 255	
	Prism2	0 - 255	
	Prism2Ro	0 - 255	
	Focus	0 - 255	
	Zoom	0 - 255	

Channel Description			
Standard mode	Simple mode	DMX Value	Function
1	1	0-255	Pan [®]
2	2	0-255	Pan Low
3	3	0-255	Tilt
4	4	0-255	Tilt Low
5	5	0-255	P/T Speed
6	6		Function
		50 - 99	Reset
		100 - 149	Lamp Off
		150 - 199	Lamp On
7	7		Shutter
		0-3	Closed
		4-103	SLOW STROBE -> FAST STROBE
		104-107	Open
		108-207	SLOW STROBE -> FAST STROBE
		208-212	Open
		213-251	RANDOM STROBE SLOW -> FAST
		252-255	Open
8	8		Dimmer
		0 - 255	Linear Dimmer
9	9	0-255	CMY open
10	10	0 - 255	CMY-C
11	11	0 - 255	CMY-M
12	12	0 - 255	CMY-Y
13	13	0 - 127	reserve
		128 - 255	CTO
14	14	0-255	CMY color Mixed

15	15		Macro Colour
		0-4	white
		5-9	Colour 1
		10-14	Colour 2
		15-19	Colour 3
		20-24	Colour 4
		25-29	Colour 5
		30-34	Colour 6
		35-39	Colour 7
		40-44	Colour 8
		45-49	Colour 9
		50-54	Colour 10
		55-59	Colour 11
		60-64	Colour 12
		65-69	Colour 13
		70-74	Colour 14
		75-79	Colour 15
		80-84	Colour 16
		85-89	Colour 17
		90-94	Colour 18
		95-99	Colour 19
		100-104	Colour 20
		105-109	Colour 21
		110-114	Colour 22
		115-119	Colour 23
		120-124	Colour 24
		125-129	Colour 25
		130-134	Colour 26
		135-139	Colour 27
		140-194	FAST ROTATION - SLOW ROTATION
		195-200	STOP
		201-255	SLOW ROTATION - FAST ROTATION
16	/	0-255	Color Fine--Linear
			Static Gobo
		0-3	white
		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

17	16	52-57	Gobo 9
		58-63	Gobo 10
		64-69	Gobo 11
		70-75	Gobo 12
		76-81	Gobo 13
		82-87	Gobo 14
		88-95	Gobo 1 Jitter
		96-103	Gobo 2 Jitter
		104-111	Gobo 3 Jitter
		112-119	Gobo 4 Jitter
		120-127	Gobo 5 Jitter
		128-135	Gobo 6 Jitter
		136-143	Gobo 7 Jitter
		144-151	Gobo 8 Jitter
		152-159	Gobo 9 Jitter
		160-167	Gobo 10 Jitter
		168-175	Gobo 11 Jitter
		176-183	Gobo 12 Jitter
		184-191	Gobo 13 Jitter
		192-201	white
		202-227	FAST ROTATION - SLOW ROTATION
		228-229	STOP
		230-255	SLOW ROTATION - FAST ROTATION
18	17	Animation Gobo	
		0-4	white
		5-9	white
		10-39	Gobo1
		40-69	Gobo2
		70-99	Gobo3
		100-129	FAST ROTATION - SLOW ROTATION
		130-135	STOP
		136-165	SLOW ROTATION - FAST ROTATION
		166-195	Gobo 1 Jitter
		196-225	Gobo 2 Jitter
		226-255	Gobo 3 Jitter
		Rotation Gobo	
		0-9	white
		10-19	Gobo 1
		20-29	Gobo 2
		30-39	Gobo 3
		40-49	Gobo 4
		50-59	Gobo 5
		60-69	Gobo 6

19	18	70-79	Gobo 7
		80-94	Gobo 1 Jitter
		95-109	Gobo 2 Jitter
		110-124	Gobo 3 Jitter
		125-139	Gobo 4 Jitter
		140-154	Gobo 5 Jitter
		155-169	Gobo 6 Jitter
		170-184	Gobo 7 Jitter
		185-189	white
		190-222	FAST ROTATION - SLOW ROTATION
		223-255	SLOW ROTATION - FAST ROTATION
20	19		Rotation Gobo Rot
		0 - 127	Rotation
		128 - 190	FAST ROTATION - SLOW ROTATION
		191 - 192	STOP
		193 - 255	SLOW ROTATION - FAST ROTATION
21	/	0-255	Gobo Rotation Fine Linear
22	20		Color7/Frost
		0 - 127	White
		128 - 191	Frost
		192 - 255	Color7
23	21	0-255	Prism-zoom
24	22		Prism1
		0 - 127	Reserve
		128-255	Prism1
25	23		Prism-1 Rot
		0 - 127	Rotation
		128 - 190	FAST ROTATION - SLOW ROTATION
		191 - 192	STOP
		193 - 255	SLOW ROTATION - FAST ROTATION
26	24		Prism2
		0-127	Reserve
		128-255	prism2
27	25		Prism-2 Rot
		0 - 127	Rotation
		128 - 190	FAST ROTATION - SLOW ROTATION
		191 - 192	STOP
		193 - 255	SLOW ROTATION - FAST ROTATION
28	26		Foucs
		0-255	Linear
29	/	0-255	Foucs Fine Linear
30	27		Zoom
		0-255	Linear

31	/	0-255	Zoom Fine Linear
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CLEANING AND MAINTENANCES

In order to ensure the fixture could work normally, it should be kept clean always. It is recommended that the fans and ventilation inlet should be cleaned every 15 days. The lens should be regularly cleaned and maintain an optimum light output.

NWITC[®]
BLUE SEA LIGHTING