

SPOT 1200 IP



USER MANUAL

KEEP THIS USER MANUAL FOR FUTURE NEEDS

Thank you for your patronage!

We are confident that our excellent products and service can satisfy you.

For your own safety, please read this user manual carefully before installing the device.

In order to install, operate, and maintain the lighting safety correctly.

We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.

Every person involved with the installation, operation and maintenance of this device has to:

-be qualified

-follow carefully the instructions of this manual

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.

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.

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 carefull

TECHNICAL PARAMETERS

OPTIC

Source: 1200W LED

Output: 66000 Lm

Beam angle: 4.5 ~ 25°

CCT: 8100K

Lens diameter: 200 mm

Source lifetime: >20000h

EFFECT

Strobe: 1 ~ 25Hz

LED Refresh Frequency: 3KHz ~ 25KHz

Electronic Color wheel (Open/H-CRI/Red/Yellow/Blue/Green/Orange)

Plug in Electronic Rotating Gobo(6+0)

Electronic dimming

Dimmer curve: 4

Electric zoom and focusing

CONTROL & PROGRAM

Control channel: 2 modes (7CH/10CH)

Protocols: DMX512 , RDM

Data connection: Three-core XLR I/O

Display: 2.8-inch display + key knob operation panel

Manual control: button and knob operation panel

SOFTWARE

DMX signal to update

Silent fan, intelligent speed regulation

Intelligent temperature protection to ensure LED service life

HOUSING

Stainless steel+aluminum alloy structure

Aluminum alloy heat dissipation+silent fan

POWER CONSUMPTION

Input voltage: AC 100V~240V 50/60Hz

Rated power: 1500 W

OTHER

IP rating: IP54

Work environment: -40°C ~ 45°C

Startup environment: -20°C ~ 45°C

SIZE & WEIGHT

Size: 842 × 305 × 330mm

Net weight: 26kg

Movement Direction

added with a damping hinge, which can be rotated and stopped arbitrarily

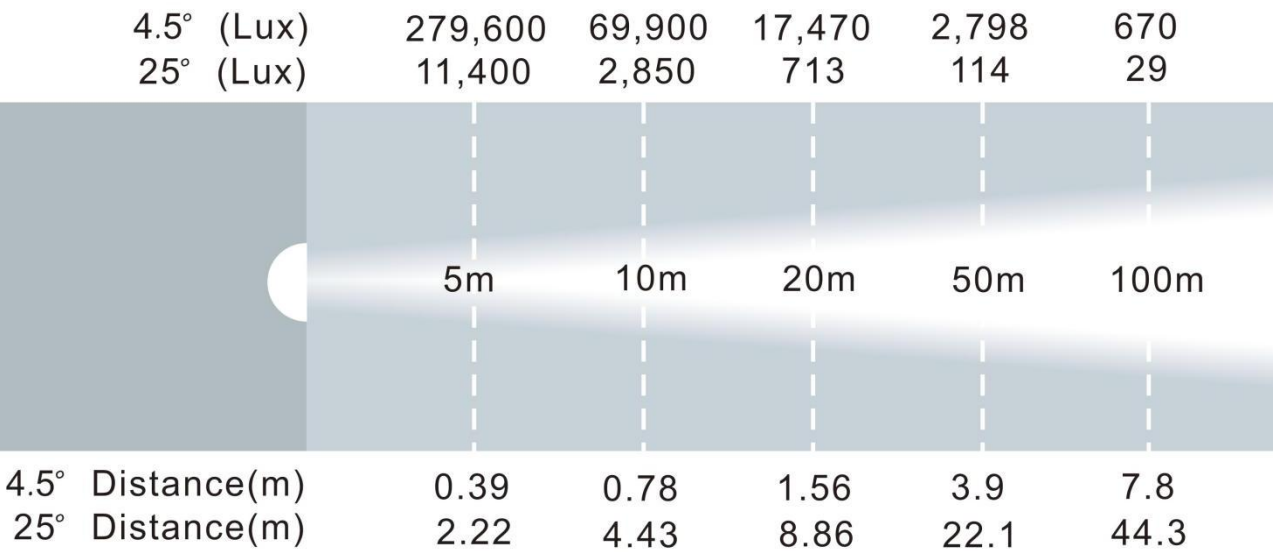
FACTORY CONFIGURATION

User manual

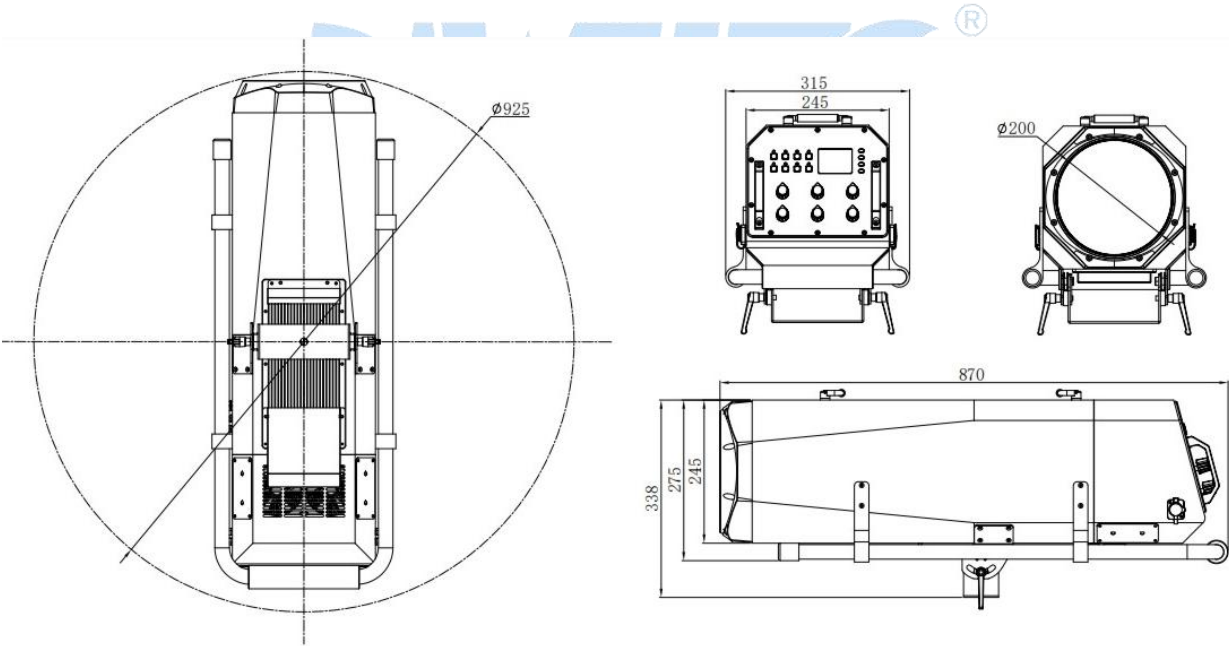
Power cable

DMX cable

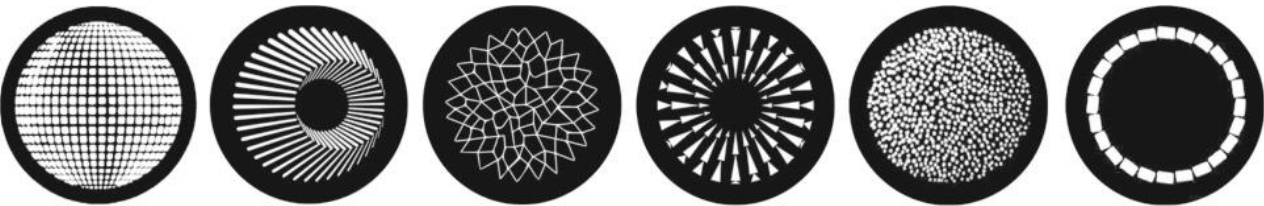
PHOTOMETRICAL DATA



FIXTURE SIZE

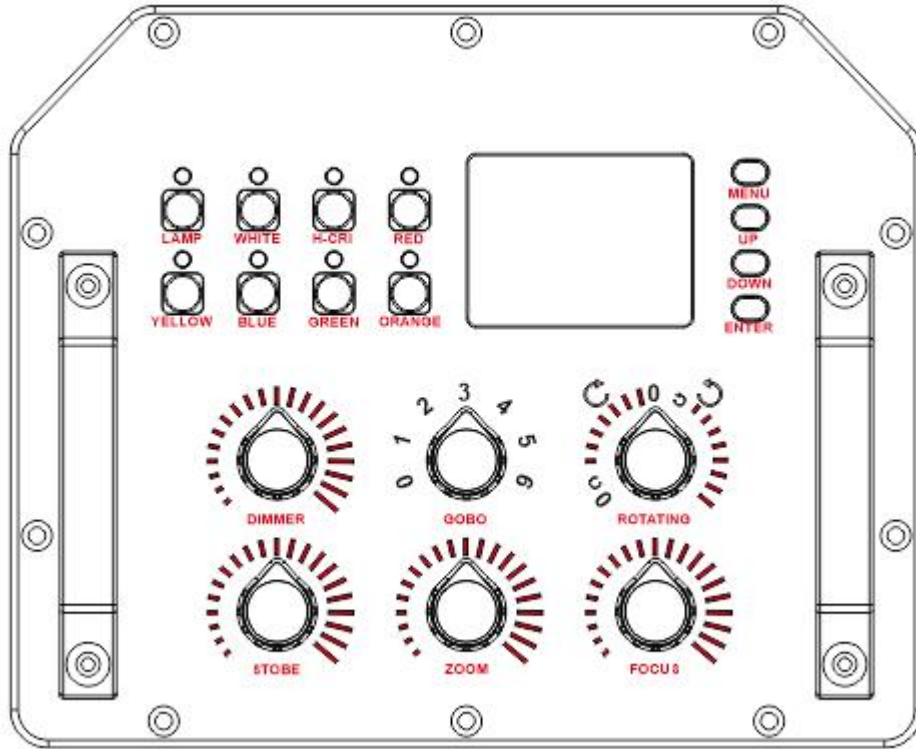


ROTATING GOBO



INSTRUCTIONS

1.Display Window Functions



2.Details

Main menu	2 nd Menu	3 rd menu	Default value	Remark
DMX	DMX Address	Address 001	001	
	Channel Mode	9CH /12CH	9CH	
Hand(Control via knob + shortcut buttons. See the last page for graphic explanation)	Lamp on	ON/off	off	Shortcuts
	Dimmer	000-255	255	knob adjustment
	Strobe	000-255	000-005 NULL 006-255 Strobe speed	knob adjustment
	Color	W Ra R Y B G O	W	Shortcuts
	Gobo select	0 NULL 1 Gobo 1 2 Gobo 2 2 Gobo 3 4 Gobo 4 5 Gobo 5 6 Gobo 6		knob adjustment
	Gobo rotate	000-255	000	knob adjustment
	Focus	000-255	000	knob adjustment

	Zoom	000-255	000	knob adjustment
Motor reset	ALL reset	Yes /NO	NO	
	Focus reset	Yes /NO	NO	
	Zoom reset	Yes /NO	NO	
	Gobo reset	Yes /NO	NO	
	Color reset	Yes /NO	NO	
Setting	Focus Reverse	Yes /NO	NO	
	Zoom Reverse	Yes /NO	NO	
	Gobo Reverse	Yes /NO	NO	
	DMX State	Standby	Standby	
		keep		
	Dim Curve	line	line	
		square		
		I-squ		
		S line		
	Dim Speed	000-255	0	
	Dim Freq	3-25K	14K	
	Dim Mode	8bit	16bit	
		16bit		
	M/S Mode	Slave	Slave	
		Master		
	Fan Mode	Auto	Auto	
		NO		
	Fan Speed	01-10	10	
	DisplayInvert	Yes/No	No	
	Back Light	Alway/10s/20s/1Min	1Min	
	Touch	ON/OFF	OFF	
	Language	中文	中文	
		English		
Information	Focus reset	√/x		
	Zoom reset	√/x		
	Color reset	√/x		
	Gobo reset	√/x		
	Pack loss		0	
	Ver: xxxxxxxxxxxx DIS: xxxxxxxxxxxx			

Long press the DMX setting line in the main menu for about 10 seconds to enter the background settings

Root			
	Focus Aim	000--255	128
	Focus Trip	000--255	128
	Focus Speed	001--010	8
	Focus Strength	005--010	8
	Zoom Aim	000--255	128

	Zoom Trip	000--255	128
	Zoom Spend	001--010	8
	Zoom Strength	005--010	8
	Color Aim	000--255	128
	Color Speed	001--010	8
	Color Strength	005--010	8
	Gobo Aim	000--255	128
	Gobo Speed	001--010	8
	Gobo Strength	005--010	8
	Gobo R Speed	001--010	8
	Gobo R Strength	005--010	8
	White Current	020--255	233
	Temperature	40--80	60
	Push	ON/OFF	OFF

3. DMX512 9 Channel description

NO.	Function	Decription
Channel 1	Dimming	Total dimming, linear dimming, from dark to bright
Channel 2	Strobe	Total strobe, from slow to fast
Channel 3	Color	000 - 036 W 037 - 072 Ra 073 - 108 R 109 - 144 Y 145 - 180 B 181 - 216 G 217 - 255 O
Channel 4	Gobo R	000-55 locad 56-155 left rotation speed is fast to slow 156 -255 right rotation speed is slow to fast
Channel 5	Gobo Select	000-036 NULL 037-072 Gobo1 073-108 Gobo2 109-144 Gobo3 145-180 Gobo4 181-216 Gobo5 217-255 Gobo6
Channel 6	Gobo Rainbow	000 - 001 NULL 006 - 255 slow to fast
Channel 7	Gobo Shaking	000 - 001 NULL 006 - 255 slow to fast
Channel 8	Focus	000-255
Channel 9	Zoom	000-255

4. DMX512 12 Channel description

NUM	Function	description
Channel 1	Dimming	Total dimming, linear dimming, from dark to bright
Channel 2	Dim Fine	Total fine dimming, linear dimming, from dark to bright
Channel 3	Strobe	Total strobe, from slow to fast
Channel 4	Color	000 - 036 W 037 - 072 Ra 073 - 108 R 109 - 144 Y 145 - 180 B 181 - 216 G 217 - 255 O
Channel 5	Gobo R	000-55 locad 56-155 left rotation speed is fast to slow 156 -255 right rotation speed is slow to fast
Channel 6	Gobo Select	000-036 NULL 037-072 Gobo1 073-108 Gobo2 109-144 Gobo3 145-180 Gobo4 181-216 Gobo5 217-255 Gobo6
Channel 7	Gobo Rainbow	000 - 001 NULL 006 - 255 slow to fast
Channel 8	Gobo Shaking	000 - 001 NULL 006 - 255 slow to fast
Channel 9	Focus	000-255
Channel 10	Focus Fine	000-255
Channel 11	Zoom	000-255
Channel 12	Zoom Fine	000-255

REMARK

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Errors and omissions for every information given in this manual excepted.

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