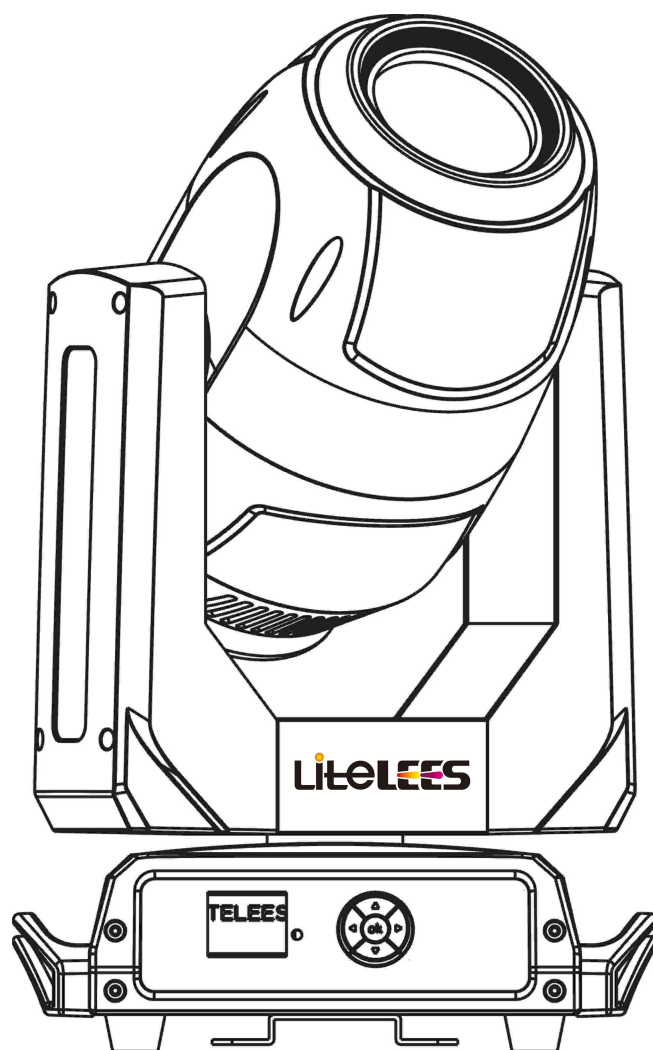




LE-SPOT 300 PRO

KEEP THIS USER MANUAL FOR FUTURE NEEDS



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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.



CAUTION!

Keep this device away from rain and moisture!



CAUTION!

Unplug mains lead before opening the housing!

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

-be qualified

-follow carefully the instructions of this manual

INTRODUCTION:

Thank you for having chosen this professional stage light.

You will see you have acquired a powerful and versatile device.

After unpacking, the accessories for each lamp should include:

1. One powerCON cable
2. One 3-Pin XLR cable
3. Two C omega brackets
4. One safety rope

(Flight case and Clamp are optional, please contact your dealer.)

Please check carefully that there is no damage caused by transportation. Should there be any questions, please consult your dealer and don't install this device.

SAFETY INSTRUCTIONS

1. In order to ensure the lifespan of the product, the product must not be placed in a wet or leaky place. The maximum working environment temperature cannot exceed 40°C, and the minimum cannot be lower than -20°C.
2. Do not place the product in a place where it is easy to loose or vibrate.
3. In order to avoid the risk of electric shock, the maintenance of the product should be done by professionals.
4. Check whether the voltage, frequency and other electrical data of the light power supply line are consistent with the voltage and frequency parameters marked on the light, so as to avoid voltage mismatch and burn out the light.
5. When the light is in use, the power supply voltage change should not exceed $\pm 10\%$.
6. The light is designed according to the type of protection against electric shock, and the light should be connected to a power supply system with sufficient grounding. And the earth wire of the light must be connected with the earth wire of the power supply

system, and the earth mark on the metal shell of the light must be securely connected with the light holder.

7. Please do not look directly at the light source, as it may damage the retina of the eye and cause blindness.
8. Do not touch the device at will during use to avoid burns caused by high temperature.
9. Please do not project the beam on combustibles. The distance between the light output port and the surface of combustibles must be greater than 3 meters.
10. The light should be installed in a well-ventilated place, with a distance of 50 cm or more from the wall. Also, check that the fans and vents are unobstructed.

CLEANING AND MAINTENANCE

1. The light should be kept dry and avoid working in a humid environment.
2. Intermittent use will effectively prolong the life of the lamp.
3. In order to obtain good ventilation and lighting effects, pay attention to cleaning the fan, fan net and lens frequently.
4. Do not wipe the housing of the light with alcohol or other organic solvents to avoid damage.

STATEMENT

When the product is shipped from the factory, its performance is intact and the packaging is complete. All users should strictly abide by the warnings and operating instructions stated above. Any damage caused by misuse is not covered by the company's warranty. Failures and problems caused by ignoring the operation manual are not within the responsibility of the dealer.

Note: Based on our company's policy of continuous product improvement, the data contained in this manual may change in the future, and will no longer notify the changes. The company reserves the right to change the relevant specification data when the product is improved.

The publisher of this manual will not assume any responsibility for the consequences of such information.

Technical parameters

Power supply

AC100 - 240V, 50/60 Hz

Power consumption: 350W

Light source

230W LED

Average life: 30000 hrs

Color temperature: 7900K

CRI>83

Effect

Zoom angle: 10-27°, 11700lux@5m@Min angle

3 color wheels: 12 colors + white, CMY color mixing

Fixed gobo wheel: 7 gobos + white

Rotating gobo wheel: 5 gobos + white

Prism: 3-facet

Frost filter for soft-edge projection

Focusing: 0-100% linear

Dimming: 0-100% linear

Strobe: 1-25 Hz, random and pulse flash

Pan/Tilt accurate magnetic coding positioning

Control

Pan/Tilt: 540/250°

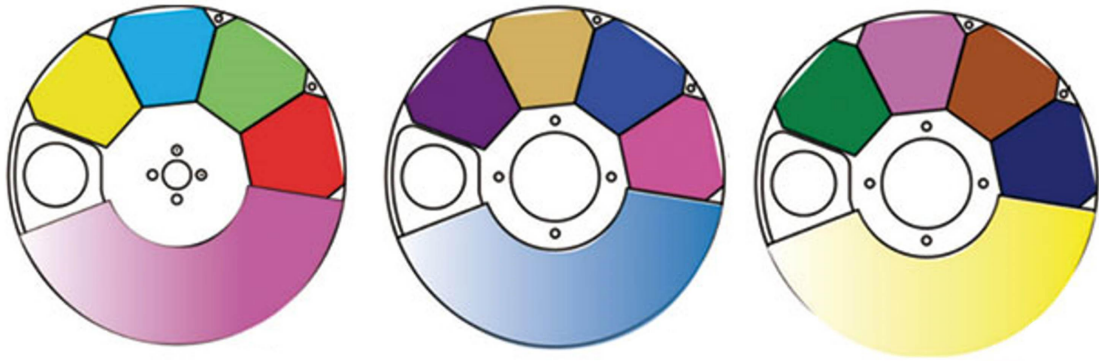
Control mode: DMX512/RDM

DMX channels: 19/22

XLR in & out: 3-pin

Net weight: 13kg

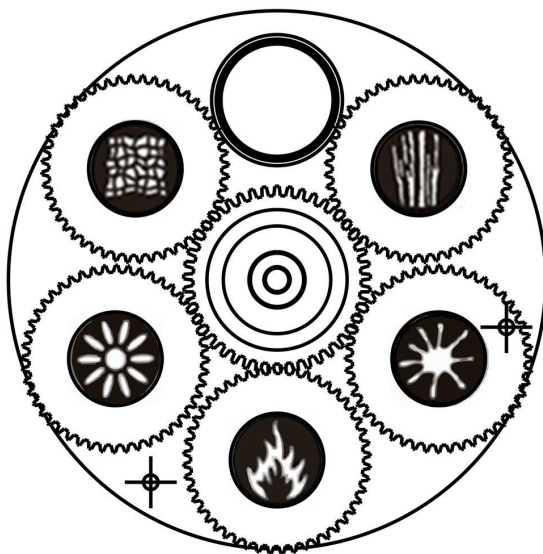
Color wheel



Fixed gobo wheel



Rotating gobo wheel

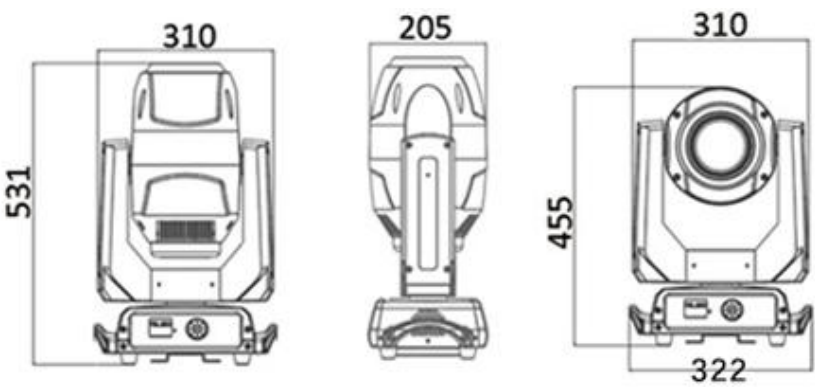


Rotating Gobo: $\Phi 21.8\text{mm}$

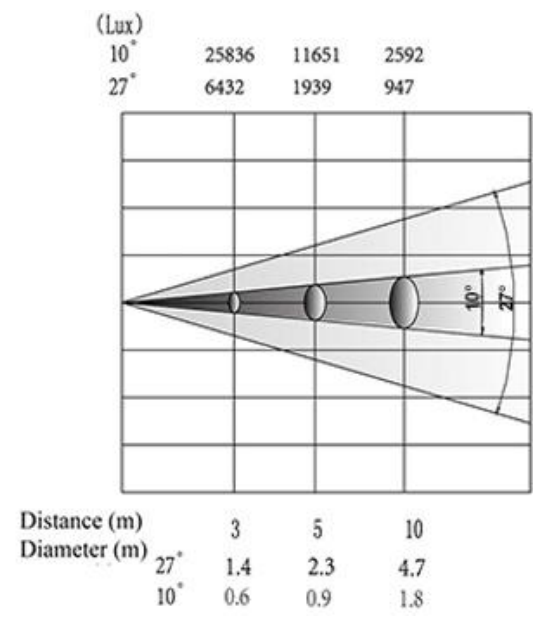
Image: $\Phi 15\text{mm}$

Thickness: $\Phi 1.1\text{mm}$

Fixture size



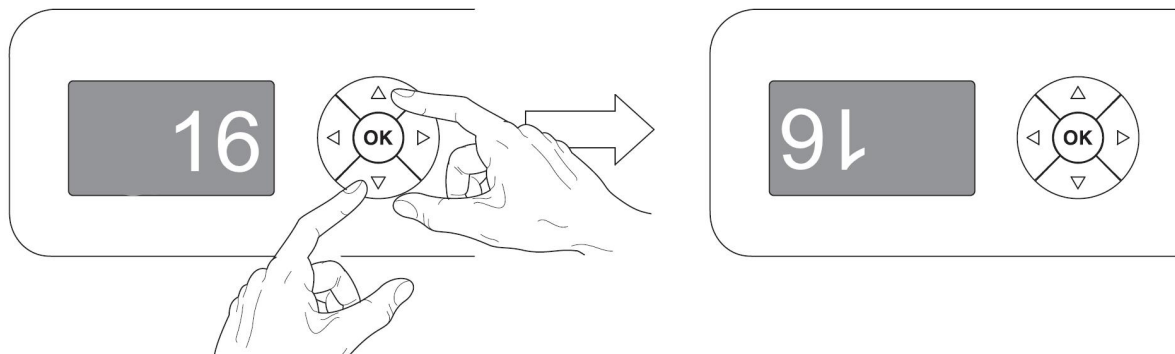
Photometrics



FUNCTIONS OF BUTTONS

Reversal of the display

To activate this function, press UP and DOWN keys simultaneously while the display is in the rest mode. This status will be memorised and maintained even for the next time it will be switched on. To return to the initial state, repeat the operation all over again.



Button description:

		Confirms the displayed value, or activates the displayed function, or enters the successive menu.
	 DOWN	Decreases the value displayed (with auto-repetitions) or passes to the next item in the menu.
	 UP	Increases the value displayed (with auto-repetitions) or passes to the previous item in a menu.
	 LEFT	Return to the top level.
	 RIGHT	Commute from units, tens, hundreds, in the "Address", "Fixture ID" and "Calibration" menu.

Advanced Menu:

1. Long press the left button for 3 second on boot screen.
2. Enter the password "988" after a new window pops up.
3. Can adjust the pan tilt initial position and reset the hours of fixture use.

MENU FUNCTION

Dmx Address	Setting Address	
Control Mode	Console Mode 20CH	19CH
	Automated Test	22CH
	Manual Test	
	Automatic Mode	Pan 0-255
	Voice Mode	Tilt 0-255
		Dimming 0-255
		Strobe 0-255
		Color1 0-255
		Color2 0-255
		Color3 0-255
		Rotating gobo 0-255
		Pattern rotation
		Fixed gobo 0-255
		Prism 0-255
		Prism rotation 0-255
		Amplification 0-255
		Focusing 0-255
Option	Invert Pan on/off	
	Invert Tilt on/off	
	Display Flip	
	Pan	540
	Color Setting	360
		180
	Tilt	270
		90
		180
	Voice Sensitivity 0-99	
	Language	Chinese
		English
	Dimmer Speed	Normal
		Fast
	Dimmer Curve	Curve 1
		Curve 2
		Curve 3
		Curve 4
Information	Reset	Pan/Tilt
		Curve 2
		Curve 3
		Curve 4
		Focusing
		All
	Version 01	
	Control Mode	
	Address	
	Temperature Check	

DMX Channel list

CH	BASIC	CH	STANDARD
1	Pan	1	Pan
2	Tilt	2	Pan fine
3	Pan-Tilt speed	3	Tilt
4	Dimmer	4	Tilt fine
5	Strobe	5	Pan-Tilt speed
6	Color wheel 1	6	Dimmer
7	Color wheel 2	7	Dimmer fine
8	Color wheel 3	8	Strobe
9	C	9	Color wheel 1
10	M	10	Color wheel 2
11	Y	11	Color wheel 3
12	Rotating gobo wheel	12	C
13	Gobo rotation	13	M
14	Fixed gobo wheel	14	Y
15	Prism	15	Rotating gobo wheel
16	Frost	16	Gobo rotation
17	Focus	17	Fixed gobo wheel
18	Zoom	18	Prism
19	Function	19	Frost
		20	Focus
		21	Zoom
		22	Function

Channel detail

ST	EX	VALUE	FUNCTION
1	1		Pan
		0 - 255	Pan Movement
	2		Pan fine
		0 - 255	Fine Control of Pan movement
2	3		Tilt
		0 - 255	Tilt Movement
	4		Tilt fine
		0 - 255	Fine control of Tilt movement
3	5		Pan-Tilt speed
		0 - 255	
4	6		Dimmer
		0 - 255	Dimmer intensity from 0% to 100%
	7		Dimmer fine
		0 - 255	Fine control of Dimmer
5	8		Strobe
		0 - 3	Light OFF
		4 - 7	Light on
		8 - 76	Synchronous strobe, Slow to fast
		77 - 145	Pulse strobe, Slow to fast
		146 - 215	Random strobe, Slow to fast
		216 - 255	Light on
6	9		Color wheel 1
		0	White
		34	White + COLOR 1
		65	COLOR 1
		96	COLOR 1 + COLOR 2
		128	COLOR 2
		160	COLOR 2 + COLOR 3
		190	COLOR 3
		222	COLOR 3 + COLOR 4
		255	COLOR 4
7	10		Color wheel 2
		0	White
		34	White + COLOR 5
		65	COLOR 5
		96	COLOR 5 + COLOR 6
		128	COLOR 6
		160	COLOR 6 + COLOR 7
		190	COLOR 7
		222	COLOR 7 + COLOR 8

		255	COLOR 8
8	11		Color wheel 3
		0	White
		34	White + COLOR 9
		65	COLOR 9
		96	COLOR 9 + COLOR 10
		128	COLOR 10
		160	COLOR 10 + COLOR 11
		190	COLOR 11
		222	COLOR 11 + COLOR 12
		255	COLOR 12
9	12		C
		0 - 255	Move horizontally, from shallow to deep
10	13		M
		0 - 255	Move horizontally, from shallow to deep
11	14		Y
		0 - 255	Move horizontally, from shallow to deep
12	15		Rotating gobo wheel
		0 - 11	White
		12 - 23	Gobo1
		24 - 35	Gobo2
		36 - 47	Gobo3
		48 - 59	Gobo4
		60 - 63	Gobo5
		64 - 72	Gogo5 shake,slow-fast speed
		73 - 83	Gogo4 shake,slow-fast speed
		84 - 94	Gogo3 shake,slow-fast speed
		95 - 105	Gogo2 shake,slow-fast speed
		106 - 115	Gogo1 shake,slow-fast speed
		116 - 127	White
		128 - 189	Forward rotation, from slow to fast
		190 - 193	stop
		194 - 255	Reverse rotation, from slow to fast
13	16		Gobo rotation
		0 - 63	Rotating gobo whee set
		64 - 145	Forward rotation, from slow to fast
		146 - 149	stop
		150 - 231	Reverse rotation, from slow to fast
		232 - 255	Pattern rotation forward and reverse rainbow effects
14	17		Fixed gobo wheel
		0 - 7	White
		8 - 15	Gobo1

		16 - 23	Gobo2
		24 - 31	Gobo3
		32 - 39	Gobo4
		40 - 47	Gobo5
		48 - 55	Gobo6
		56 - 63	Gobo7
		64 - 71	Gogo7 shake,slow-fast speed
		72 - 79	Gogo6 shake,slow-fast speed
		80 - 87	Gogo5 shake,slow-fast speed
		88 - 95	Gogo4 shake,slow-fast speed
		96 - 103	Gogo3 shake,slow-fast speed
		104 - 111	Gogo2 shake,slow-fast speed
		112 - 120	Gogo1 shake,slow-fast speed
		120 - 127	White
		128 - 189	Forward rotation, from slow to fast
		190 - 193	stop
		194 - 255	Reverse rotation, from slow to fast
15	18		Prism
		0 - 15	No function
		16 - 34	Prism effect
		35 - 159	Rotate clockwise, from slow to fast
		160 - 168	stop
		169 - 255	Rotate counterclockwise, from slow to fast
16	19		Frost
		0 - 255	
17	20		Focus
		0 - 255	Focus moves linearly from far to near position
18	21		Zoom
		0 - 255	Zoom moves linearly from narrow to wide beam
19	22		Function
		0 - 139	No function
		140 - 149	Pan / Tilt reset
		150 - 159	Color piece reset
		160 - 169	Gobo reset(Static Gobo/Rot Gobo/Gobo Rot reset)
		170 - 179	Prism / Stop/Strobe reset
		180 - 189	No use
		190 - 199	Frost/Zoom/Amplification reset
		200 - 209	Total reset
		210 - 255	No use



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Subject to change without notification!