

LiteLEES®



CE

STORMY PAR 1812

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!

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 power cable per 6 pcs light
2. One 3-Pin XLR cable
3. One safety rope
4. Clamps

(Flight case is 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. 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 15 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

AC 90-240V/50Hz

Power consumption: 200W

Light source

18x12W RGBW LED

Average Life:60,000-100,000 hours

Effect

Led angle: 30°

6-Group Leds individule control

Effect: wash + strobe

Dimming: 32 bit 0-100% linear

Strobe: 1~30HZ

Control

Control mode: DMX512/Master-slave/RDM/Voice control

DMX channels: 8/28

XLR in & out: 3-pin

IP Rating: IP65

Packed

Net Weight: 4.5KG

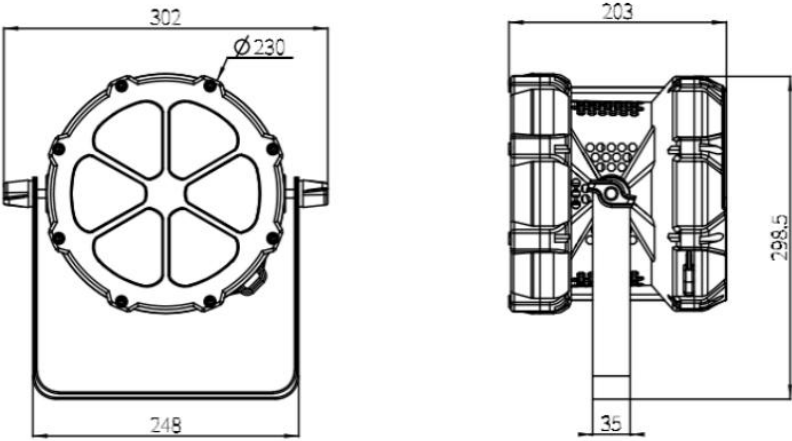
Carton box size(1-in-1): 29x29x35cm

Gross weight: 5.9KG

Flight case size(8-in-1): 106x63x54cm

Gross weight: 94KG

Fixture size



1.Menu Function

After powering on, press the menu key and the menu function table will appear in sequence; press the up or down key to modify the function parameters, and press the confirm key to save the current function and parameters (after saving, it has power-off memory).

Menu function table:

A001	➡	A512	Set the address code, modify the address code upward or downward (A001~A512), and press the confirm key to save.
FF00	➡	FF99	Gradient, modify the gradient speed up or down (FF00~FF99), and press the confirm key to save.
EE00	➡	EE99	Pulse, modify the pulse speed up or down (EE00~EE99), and press the confirm key to save.
CC0 0	➡	CC99	Jump, modify the jump speed up or down (CC00~CC99), and press the confirm key to save.
Soud	➡	Soud	Voice control mode.
R255	➡	R000	R Red lamp dimming, adjust the red lamp brightness up or down (R000~R255), and press the confirm button to save.
G255	➡	G000	G Green lamp dimming, adjust the brightness of the green lamp up or down (G000~G255), and press the confirm key to save.
B255	➡	B000	B Blue lamp dimming, adjust the brightness of the blue lamp up or down (B000~B255), and press the confirm button to save.
W25 5	➡	W000	W White lamp dimming, adjust the brightness of the white lamp up or down (W000~W255), and press the confirm button to save.
T000			Displays the temperature, such as T045, which means the current lamp temperature is 45°C; if the 10K thermistor is not installed, it will display T---; if it displays TEMP, it will enter the temperature protection state.

2.Master-slave Control

There are 2 or more identical lamps connected with DMX three-core signal cables. All lamps are set to any address code from A001 to A512. Any lamp is set as the host, and the other lamps are slaves. All slave displays do not flicker. When the host is used to adjust COB lighting, self-propelled effects, and voice-activated effects, all slaves synchronize COB lighting, self-propelled effects, and voice-activated effects. Special attention: 1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flicker randomly and not synchronized. 2. All lamps must be master and slave to work when the DMX512 console is turned off.

4. Factory settings

At any address code from A001 to A512, press the menu key for 3 seconds to enter the factory settings. The factory settings mainly include the output power of each channel of the lamp, fan setting mode, setting temperature protection point, and sending parameters. Press the menu key for 3 seconds to exit in any factory setting mode.

Factory setting table:

R255	➔	R020	R Red lamp current setting, adjust the red lamp current up or down (R020-R255), press the confirm button to save.
G255	➔	G020	G Green lamp current setting, adjust the green lamp current up or down (G020-G255), press the confirm button to save.
B255	➔	B020	B Blue lamp current setting, adjust the blue lamp current (B020-B255) up or down, and press the confirm button to save.
W255	➔	W020	W White lamp current setting, adjust the white lamp current up or down (W020-W255), press the confirm button to save.
FA-0	➔	FA-1	Fan setting: FA-0 starts the fan when the light is on, FA-1 starts the fan when the set temperature protection point is reached, and press the confirmation button to save.
T040	➔	T105	Set the temperature protection point, modify the parameter up or down (40℃~105℃), and press the confirm key to save.
CH40	➔	CH44	Channel setting, modify the channel up or down, and press the confirmation key to save. The default channel is CH40.
Send	➔	Send	Send the factory settings of this machine upward or downward to all other lamps connected in parallel with three-core signal wires; to confirm the sending of parameters, press the menu key for 3 seconds to exit; to deny the parameters, press the confirmation key to cancel the sending.

4.DMX512 Console

After power on, set the address codes of all lamps, and then connect all lamps in parallel to the DMX512 console with three-core signal cables. The address code will stop flashing, indicating that the DMX512 console signal has been sent to the lamps. Use the DMX512 console to control related functions according to the channel table instructions.

5. DMX CHANNEL LIST

C008/C028 Channel Description

Standard mode 8 channels	Extended channel mode 28 channels	DMX	Function Description
Channel 1	Channel 1		Total dimming
		0 - 255	Overall dimming dark->bright
Channel 2	Channel 2,6,10,14,18,22		Red
		0 - 255	Red Dark->Light
Channel 3	Channel 3,7,11,15,19,23		Green
		0 - 255	Green Dark->Light

Channel 4	Channel 4,8,12,16,20,24		Bule
		0 - 255	Blue Dark->Light
Channel 5	Channel 5,9,13,17,21,25		White
		0 - 255	White Dark->Light White
Channel 6	Channel 26		Strobe
		0-4	No function
		4-63	Strobe 0-12Hz
		64-127	Random strobe
		128-191	Pulse strobe
		192- 255	Random pulse strobe
Channel 7	Channel 27		Function selection
		0-4	No effect
		5-148	60 self-propelled effects to choose from, 2 channel values for each effect
		149 -188	Color Macros
		189 - 218	Color temperature control
		219 - 228	Free
		229 - 255	Voice control mode
Channel 8	Channel 28		Function speed (select effect based on 7 channels, 27 channels)
		0 - 255	Function selection 5-149 value range Self-propelled speed setting
		0 - 255	Function selection 150-189 value range Color macro function
		0 - 255	Function selection 190-219 value range Color temperature adjustment



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Subject to change without notification!