




# USER MANUAL

## LED SPARKLER



151.570

**151.570 LED Sparkler – Indoor use only**

	<p><b>Caution! Please read this manual carefully before operating!</b></p> <p><b>Damage caused by misuse is not covered by the warranty!</b></p>
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**1. General Introduction:**

The light is designed to create special lighting effects for Family Party, Disco, Bar, Night Club, Ballroom and any other location.

**2. Features:**

- LED Effect with DMX Control
- Lovely Moon Flower Beam Projection, RGB Mixing color effect or monochrome effect
- Superior & Bright 1W LED, Clockwise & anticlockwise whirling
- Multi controlling – DMX, Master/Slave, Auto and Sound Activated.
- Strobe Effect

**3. Package Contents:**

Please check the contents to ensure that the content has been received in good condition.

Light x 1unit	User’s Guide x 1pcs
Power Cord x 1pcs	

If you find any accessory is missing or the lighting is arrive with any problem, please contact with your local dealer at once. Do not try to fix yourself or you will loss the warranty. Please keep the original package and invoice for any possible replacement or returned demand.

**4. Installation**


Every person involved with the installation, operation and maintenance of this device shall be qualified and follow the instruction of this User’s Guide

When you connect the main power and switch on , then the device will illuminate and change the light effect to music. Please adjust the sensitivity control to match your music.

**5 Caution to prevent Mortal Electrical Risk and Long Life Operation:**

For your safety, please kindly pay attention to all the warnings as listed below:

- Always plug in the power plug last and disconnect from the mains, when the device is not in use or before cleaning.
- Do not install and operate the device in rain or extreme heat, moisture, or dust location
- For indoor use only.
- Do not switch on immediately but wait until it reaches to room temperature, like the device has been exposed to drastic temperature fluctuation.
- Do not shake the device and avoid brute force when installing or operating
- Do not spread the smoke or bubble of effect machine directly to the device

- Do not use the device during thunderstorms and please disconnect the power
- Do not use solvents or aggressive detergent to clean the device. Use a soft and clean cloth.
- Do not modification the device or the connected power cord without authorized.
- Use appropriate safety-rope for safety.
- Do not stare to the light
- The symbol  determines the minimum distance from lighted objects. The minimum distance between light-output and the illuminated surface must be more than 0.1meter.

**6 Connect with power supply - The ground wire must be connected**

Use the plug to connect to the main power supply as following.

Line	Connection	International signal
Brown	Live	L
Blue	Neutral	N
Green/Yellow	Earth	E

**7 Quick Trouble Shooting**

- 7.1 if the unit not functional – Check if mains power is on and the fuse is OK.
- 7.2 if the unit is not react to music – check the sensitivity control at rear of the device.

**8. Replacing Fuse:**

Disconnect from the main power supply first, then unscrew the fuse holder cover to reveal the fuse. Replace the correct fuse rating as stated on lighting or user’s guide. Then replace the fuse holder cover.

**9. General Maintenance**

To maintain optimum performance and minimize wear fixtures should be cleaned frequency. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned at least twice a month. Dust build up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass with fixture is cold with a mild solution to the cloth or tissue, and drag dirt and grime to the outside of the lens. Gently polish optical surface until they free of haze and lint.

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixtures operates: damp, smoky or particularly dirty surrounding can cleaning fluid. Always dry the parts carefully. Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

**10. Mounting instruction**

The fixture may be mounted in any position provide there is adequate room for ventilation. It is important never to obstruct the fan or vents pathway. Mount the fixture using clamp. Adjust angle of the fixture loosening both knobs and tilting the fixture. After finding desired position, retighten both knobs.

When selecting installation location, take into consideration lamp replacement access and routine maintenance. Safety cables must always be used. Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperature changer or restricted ventilation.

**11. Dip Switch Setting & Function**

ON	OFF	FUNCTION
Nil	1,2,3,4,5,6,7,8,9,10,11,12	Sound Activated
10,11	1,2,3,4,5,6,7,8,9,12	Sound Activated with Strobe Effect (1-20Hz/Sec)
10,12	1,2,3,4,5,6,7,8,9,11	Auto Color Changing with Slow strobe
11,12	1,2,3,4,5,6,7,8,9, 10	Auto Color Changing
12	1,2,3,4,5,6,7,8,9,10,11	Auto Color Changing with Strobe (1-20Hz)
11	1,2,3,4,5,6,7,8,9, 10	Sound Activated with Auto Color Changing

**12. Master/Slave Setting**

**Sound-Activated Master/Slave mode:**

Master: Dip switch 10 dip on ; Slave: Dip switch 1 dip on

**Auto Master/Slave model:**

Master: Dip switch as above table 9; Slave: Dip switch 1 dip on

**13. DMX Controlling**

Channel	Function Description
C1	Red 0-100% dimming
C2	Green 0-100% dimming
C3	Blue 0-100% dimming
C4	0-5 all channel full on 6-10 all channel full off 11-255 Strobe Slow > Fast (20Hz/Sec)
C5	0-4 Stop 5-111 clock-wise rotation (fast > slow) 112-143 Stop 144-255 anti-clockwise rotation (slow> fast)

**13. Technical Feature:**

<b>Voltage:</b> AC 90V 60HZ ~ 230V 50HZ	<b>Power Consumption:</b> 15 W
<b>Fuse:</b> 1A (Fast Blow)	<b>LED Type:</b> 1W X 3PCS (1Red, 1Green, 1Blue)
<b>Weight:</b> 2.8Kgs	<b>Meas.:</b> 26 x 30 x 12(cm)
<b>Temperature:</b> -5°C~45°C	<b>Humidity:</b> <45°C /Ambient Temp

**14. Disposal:** 

Please disposal of the unserviceable device according to the current statutory requirements.

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