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EVENT LIGHTING SABER2 3-in-1LED Effect with Derby (RGBW), UV and Strobe User Manual

SABER2
3-in-1LED Effect with Derby (RGBW), UV, and Strobe
USER MANUAL

For your safety, please read this user manual carefully before use.

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

Version 1.0 (revised 5 November 2020)
www.event-lighting.com.au

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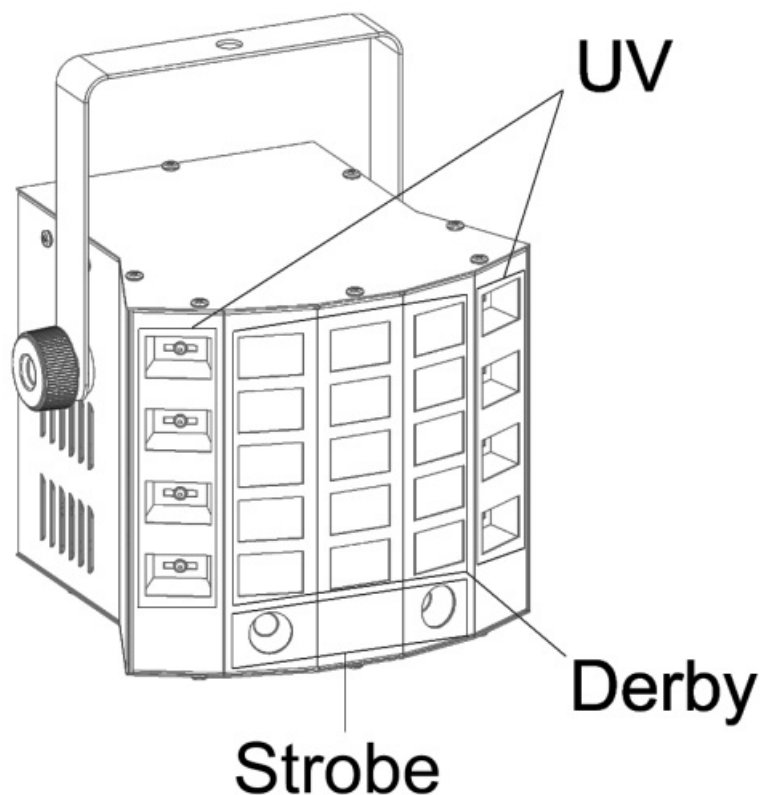## Safety Instructions

Warning

- Do not open this device, there are no user-serviceable parts inside. Risk of electric shock.

- Do not look directly at the light source from close range. · Avoid contact with the unit during operation, as the housing may become hot. Allow the fixture to cool for at least 15 minutes after turning off before touching.
- Install this device in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Do not operate this device, or connect this device to power, within 50cm of any flammable material.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors where excessive dust, heat, water, or humidity may affect it.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- Do not operate this device at temperatures higher than 40°C (104°F).
- **Only** connect this device to a grounded and protected circuit.
- **Only** use the hanging bracket to carry this device.
- Stop using this device immediately if a serious operating problem becomes apparent.
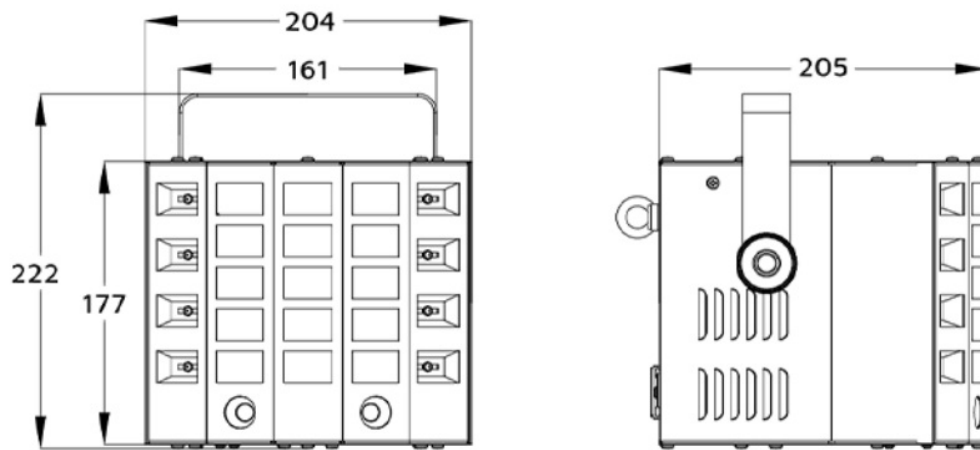
Product Installation

SABER2 can be mounted in many orientations, provided each individual device is secured by the use of the correct mounting bracket. Use a safety chain when mounting SABER2 overhead.
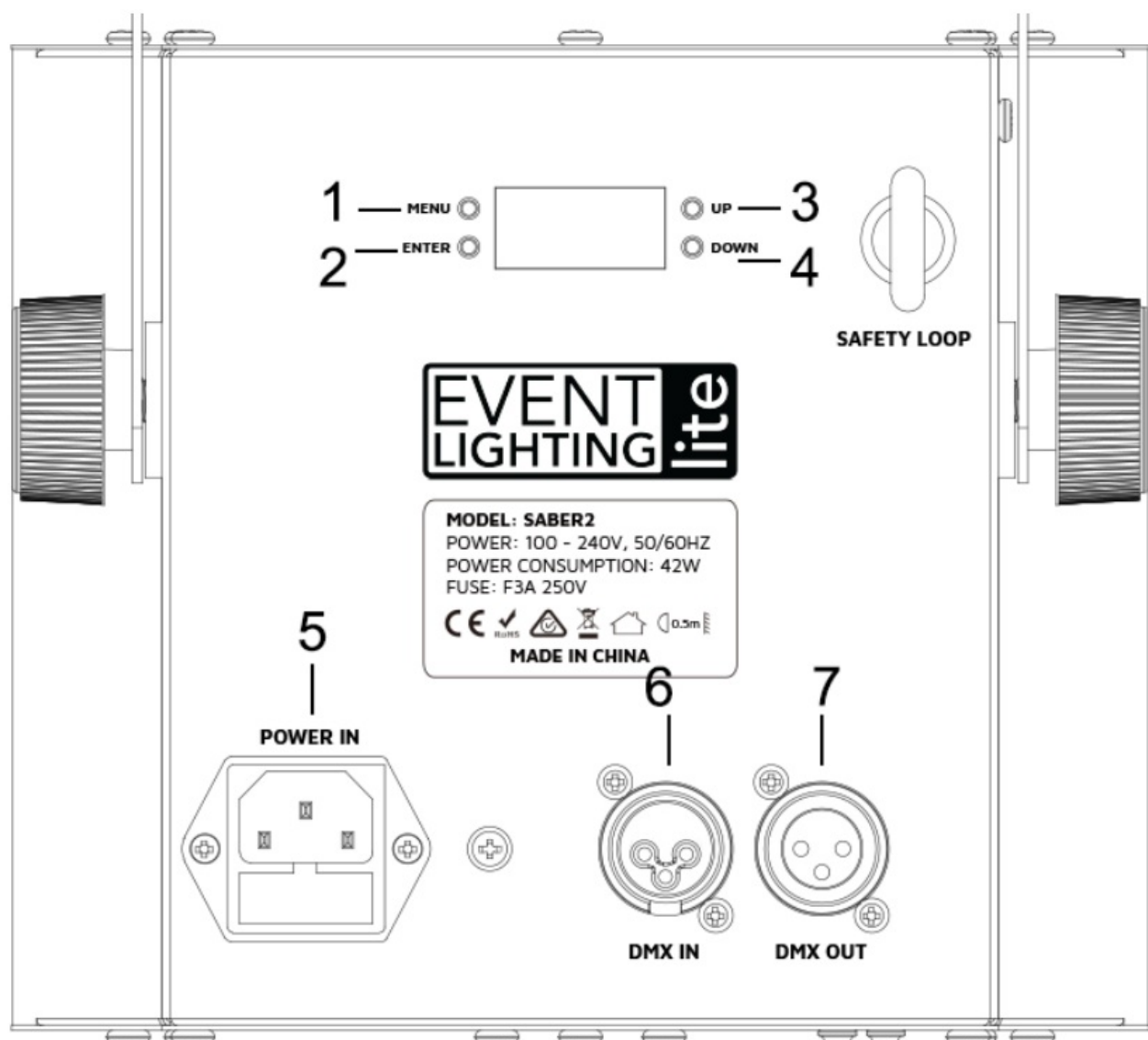
Overview

Dimensions

Control Panel

Buttons

1. **MENU-** Select program functions.
2. **ENTER -** Confirm the selected function.
3. **UP –** Increase parameters.

4. **DOWN -** Decrease parameters.

   Input and Output

5. IEC power in.

6. 3-pin DMX in.

7. 3-pin DMX out.

Menu

Display	Function	Value/Description
Addr	DMX Address	A001-A512
SLAV	Master/Slave	No/Yes
A1-1 — A1-9	Derby effects	Red, 1-9 to adjust the motor speed.
A2-1 — A2-9	Derby effects	Green, 1-9 to adjust the motor speed.
A3-1 — A3-9	Derby effects	Blue, 1-9 to adjust the motor speed.
A4-1 — A4-9	Derby effects	White, 1-9 to adjust the motor speed.
A5-1 — A5-9	Derby auto mode	1-9 to adjust run speed.
A6-1 — A6-9	UV effects	No function. Manual UV control only allows one level.
A7-1 — A7-9	Strobe effects	1-9 to adjust strobe speed.
A8-1 — A8-9	Combined Auto mode	1-9 to adjust autorun speed.
S1-1 — S1-9	Sound mode 1	Derby effect, 1-9 to adjust the sound sensitivity.
S2-1 — S2-9	Sound mode 2	The 3-in-1 effect, Blackout when without sound, 1-9 to adjust the sound sensitivity.
S3-1 — S3-9	Sound mode 3	The 3-in-1 effect, Light up when without sound, 1-9 to adjust the sound sensitivity.

DMX Chart

CH	Function	Value	Description
1	Derby Motor rotation	000-127	Directional rotation
		128-255	Rotate automatically, fast to slow
2	Derby Motor rotation range	000-255	0 to 340 degrees
3	Derby Master dimmer	000-255	Dimmer 0-100%
4	Derby Strobe	000-010	No Strobe
		011-255	Strobe, slow to fast
5	Derby effect	000-255	Red dimmer, 0-100%
6	Derby effect	000-255	Green dimmer, 0-100%
7	Derby effect	000-255	Blue dimmer, 0-100%
8	Derby effect	000-255	White dimmer, 0-100%
9	Derby Auto mode	000-255	Derby Effect autorun
10	Derby Speed Adjust	000-255	Autorun speed, slow to fast
11	UV effect	000-255	UV dimmer, 0-100%
12	UV strobe	000-255	UV strobe, slow to fast
13	Strobe effect	000-255	White dimmer, 0-100%
14	Strobe Speed	000-010	No strobe
		011-255	Strobe, slow to fast
15	Macros	000-050	Control with channels 1 to 14
		051-100	Sound mode 1, derby effect
		101-200	Sound mode 2, 3-in-1, blackout when no sound
		201-255	Sound mode 3, 3-in-1 auto-run when no sound

Technical Specifications

Photometrics

- Light Source:
  - Derby: 2pcs 4-in-1 8W RGBW LEDs.
  - Strobe: 2pcs 10W White LEDs.
  - UV: 8pcs 3W UV LEDs
- LED Lifespan: 50,000 hours.

Effects

- Dimming: 0-100%, 8-bit. · Strobe: 1-20 Hz.

Power

- Input Voltage: 100~240V AC, 50/60 Hz. · Power Consumption: 42W. · Connection: IEC in.

Control

- Protocol: DMX512.
- Operation modes: DMX, auto, manual, sound active, master/slave
- DMX Channels: 15
- Interface: 3-pin DMX in/out.
- Display: LED Display with 4-button control.

Housing

- Finishing: Matte Black.
- Net Weight: 2.15kg
- Dimensions: 260x260x250 mm (packaging).

Warranty

Please refer to your local dealer or contact Event Lighting.

Documents / Resources

	EVENT LIGHTING SABER2 3-in-1LED Effect with Derby (RGBW), UV and Strobe [pdf] User Manual SABER2, 3-in-1LED Effect with Derby RGBW, UV and Strobe

References

- 🌐 **Australia Entertainment Lighting Wholesaler | Event Lighting**