



DERBY-V2

Butterfly Laser LED 4 in 1 Light

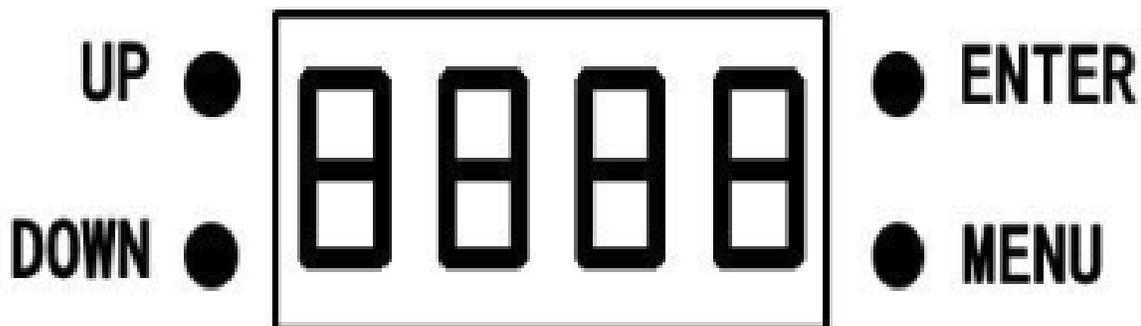
Multi-Effect DMX Stage Lighting

USER MANUAL

1. Technical Specifications

Operating Voltage	AC 95-245V, 50/60Hz
Power Consumption	Max 50W
Butterfly LEDs	2×10W RGBW 4-in-1 Butterfly LEDs
White Strobe	1×10W white LED
Red Laser	100mW
Green Laser	50mW
Red-Green Laser	30mW
Marquee LEDs	16×5050 RGB LEDs
Control Protocol	DMX512 (15 channels)
Operating Modes	DMX, Master/Slave, Auto, Sound-Active, Remote Control
DMX Channels	15 channels
Dimming	0-100% electronic dimming
Strobe Rate	20Hz
Product Dimensions	220 × 220 × 200mm
Weight	1.35kg

2. Control Panel & Display



2.1 Button Functions

Button	Function
MENU	Navigate through main menu options
UP	Increase values or scroll up through options
DOWN	Decrease values or scroll down through options
ENTER	Confirm selection and save settings

3. Display Menu Instructions

No.	Display	Function	Description
1	d__	Set DMX start address (001-512)	Use UP/DOWN to modify address code for DMX or Master/Slave mode
2	A1~3	Integrated auto mode speed	Speed 1-9 (higher = faster / brighter)
3	L1~6	Laser mode speed	
4	E1~7	LED mode speed	
5	F1	Strobe mode speed	
6	P1~2	Purple light mode	
7	SOU_	Sound-active mode	Select between 2 sound modes
8	ir__	Remote control (On/Off)	Enable or disable IR remote function



Quick Tip:

- Press and hold **ENTER** for 5 seconds to access the remote control enable/disable submenu.

4. DMX Channel Configuration

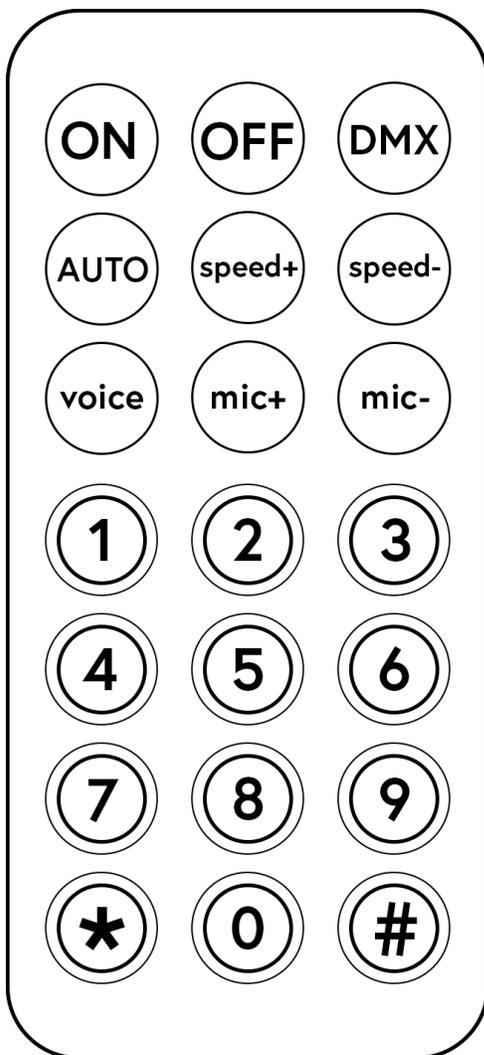
This fixture uses 15 DMX channels for complete control. Set the DMX start address using the d___ menu option.

Ch	Function	Value	Description
1	Master Dimmer	1-255	Overall brightness: 0-100%
2	LED Strobe	1-255	Strobe speed: Slow→Fast
3	Butterfly Red	1-255	Red LED intensity: 0-100%
4	Butterfly Green	1-255	Green LED intensity: 0-100%
5	Butterfly Blue	1-255	Blue LED intensity: 0-100%
6	Butterfly White	1-255	White LED intensity: 0-100%
7	Red Laser	1-255	Red laser intensity: 0-100%
8	Green Laser	1-255	Green laser intensity: 0-100%
9	White Strobe	1-255	White strobe speed: Slow→Fast
10	RGB Accent Pattern	1-12	LEDs off
		13-75	7 color options
		76-255	20 flow effect options
11	RGB Accent Speed	0-255	Flow rate: Slow→Fast (when CH10 is active)
12	LED Motor	0-155	LED motor positioning
		156-255	LED motor forward/reverse: Slow→Fast
13	Laser Motor	0-2	Laser motor stationary
		3-210	Laser motor positioning

Ch	Function	Value	Description
		211-255	Laser motor rotation: Slow→Fast
14	Macro Control	0-10	CH1-CH13 active (manual control)
		11-45	Sound sensitivity: Low→High (in sound modes)
		46-80	Mixed color jump 1
		81-115	Mixed color jump 2
		116-150	Sound-active mode 1
		151-185	Sound-active mode 2
		186-220	Sound-active mode 3
		221-255	Sound-active mode 4
15	Effect Speed/Sensitivity	0-255	Speed: Slow→Fast (when CH14 is active)
Sound sensitivity: Low→High (in sound modes)			

5. Remote Control Operation

The included infrared remote control provides quick access to common functions.



5.1 Mode Control Buttons

Button	Function
ON	Turn lights on
OFF	Turn lights off
DMX	Switch to DMX mode
AUTO	Cycle through auto programs
VOICE	Activate sound-active mode

5.2 Adjustment Buttons

Button	Function
SPEED+	Increase program speed
SPEED-	Decrease program speed
MIC+	Increase sound sensitivity
MIC-	Decrease sound sensitivity

IMPORTANT: Before using the remote control, remove the plastic insulator tab from the battery compartment.

5.3 Direct Function Keys

Button	Function
1	Combination auto program
2	Red laser
3	Green laser
4	Laser auto program
5	Red LEDs
6	Green LEDs
7	Blue LEDs
8	White LEDs
9	LED auto program
0	RGB Accent LEDs auto program
*	Strobe mode
#	Sound-active mode