



DERBY-V3

Laser Butterfly Strobe Multi-Effect Light

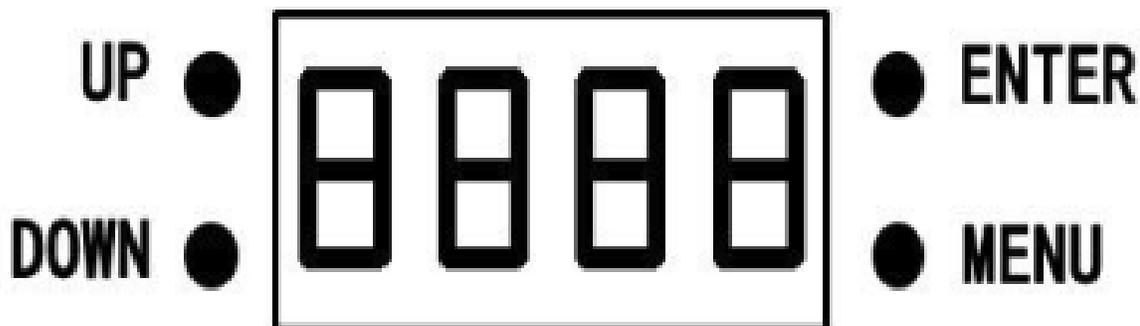
Multi-Effect DMX Stage Lighting

USER MANUAL

1. Technical Specifications

Operating Voltage	AC 95-245V, 50/60Hz
Power Consumption	Max 40W
LED Array	2×10W RGBW 4-in-1 LEDs
Red Laser	100mW
Green Laser	50mW
Yellow Strobe	1×10W yellow/golden strobe LED
Control Protocol	DMX512 (12 channels)
Operating Modes	DMX, Master/Slave, Auto, Sound-Active, Remote Control
DMX Channels	12 channels
Dimming	0-100% electronic dimming
Strobe Rate	20Hz
Product Dimensions	215 × 212 × 185mm
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	d001	Set DMX start address (001-512)	Use UP/DOWN to modify address code for DMX or Master/Slave mode
2	A1~9	Auto Program 1 speed (1-9)	Speed 1-9 (higher = faster / brighter)
3	A2~9	Auto Program 2 speed (1-9)	
4	L1~9	Red laser mode (1-9)	
5	L2~9	Green laser mode (1-9)	

No.	Display	Function	Description
6	L3~9	Red + Green laser mode (1-9)	
7	L4~9	Laser jump mode 1 (1-9)	
8	L5~9	Laser jump mode 2 (1-9)	
9	L6~9	Laser static mode (1-9)	Motor positioning mode
10	E1~9	Red LED mode (1-9)	Speed 1-9 (higher = faster / brighter)
11	E2~9	Green LED mode (1-9)	
12	E3~9	Blue LED mode (1-9)	
13	E4~9	White LED mode (1-9)	
14	E5~9	Full color LED mode (1-9)	
15	E6~9	LED color jump mode (1-9)	
16	E7~9	LED color jump + strobe mode (1-9)	
17	F1~9	Strobe mode (1-9)	Higher values = faster strobe speed
18	SOU1	Sound-active laser mode	Laser reacts to music
19	SOU2	Sound-active LED mode	LEDs react to music
20	SOU3	Sound-active mode 1	All effects react to music
21	SOU4	Sound-active mode 2	All effects react to music



Quick Tip:

→ Press and hold **ENTER** for 5 seconds to access the Submenu.

Display	Function	Description
VoL9	Sound sensitivity (1-9)	Higher values = more sensitive to sound
Ir on	Remote control (ON/OFF)	Enable or disable remote control function

4. DMX Channel Configuration

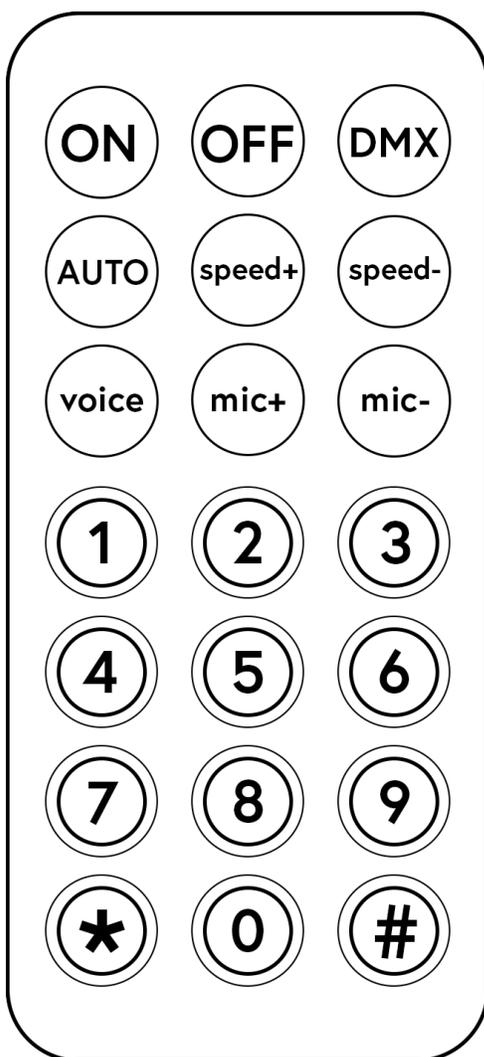
This fixture uses 15 DMX channels for complete control. Set the DMX start address using the d___ menu option.

Ch	Function	Value	Description
1	Master Dimmer	0-255	Overall brightness: 0-100%
2	LED Strobe	0-5	No strobe
		6-255	Strobe speed: Slow→Fast
3	Red	0-255	Red LED intensity: 0-100%
4	Green	0-255	Green LED intensity: 0-100%
5	Blue	0-255	Blue LED intensity: 0-100%
6	White	0-255	White LED intensity: 0-100%
7	Red Laser	0-255	Red laser intensity: 0-100%
8	Green Laser	0-255	Green laser intensity: 0-100%
9	Yellow Strobe	0-5	No strobe
		1-255	Yellow strobe speed: Slow→Fast
10	LED Motor	0-155	LED motor positioning
		156-255	LED motor forward/reverse: Slow→Fast
11	Laser Motor	0-127	Laser motor positioning
		128-191	Laser motor reverse rotation: Fast→Slow
		192-255	Laser motor forward rotation: Slow→Fast

Ch	Function	Value	Description
12	Macro Control	0-5	CH1-CH11 valid (manual control)
		6-50	Monochrome color jump
		51-95	Mixed color jump 1
		96-140	Mixed color jump 2
		141-185	Mixed color jump 3
		186-230	Mixed color jump 4
		231-255	Sound-active mode

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	Red laser
2	Green laser
3	Red + Green laser
4	Red LED only
5	Green LED only
6	Blue LED only
7	White LED only
8	Auto Program 1
9	Yellow strobe
*	Sound Mode 1
0	Auto Program 2
#	Sound Mode 2