



PARTY SERIES

X29

LASER BUTTERFLY 2-IN-1

EFFECT LIGHT

PRODUCT MANUAL

RGBW butterfly beams, dual green lasers and sound-active effects



30W
RATED POWER

10CH
DMX512 CONTROL

2 x 100mW
GREEN LASERS

IR
REMOTE CONTROL

READ THIS MANUAL BEFORE INSTALLATION OR OPERATION

Keep this manual for future reference, service and DMX programming.

PRODUCT OVERVIEW

Thank you for purchasing the X29 Laser Butterfly 2-in-1 Effect Light. This compact party fixture combines two RGBW butterfly-effect LED sources, dual green lasers, motorized movement, strobe effects, DMX512 control and infrared remote operation. Read this manual fully before use to ensure safe installation and reliable operation.

BEFORE POWERING ON

Inspect the housing, screws, lenses, mounting bracket and power cable. Mount the fixture securely and attach an independent safety cable for overhead use.

LASER / LIGHT SAFETY

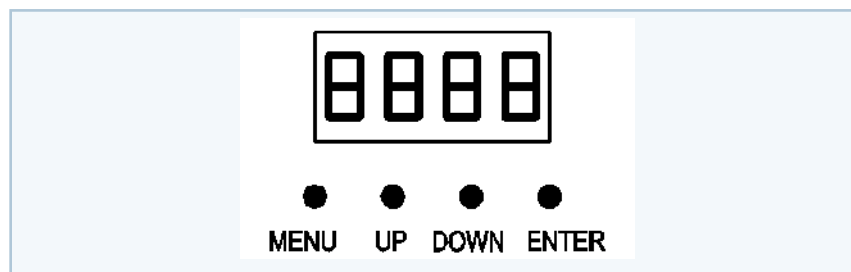
Do not stare into the LED or laser apertures. Never aim the beams at people, animals, vehicles or aircraft. Avoid close-range direct viewing.



TECHNICAL PARAMETERS

Item	Specification
Product Model	X29
Power Supply	AC 95-245 V, 50/60 Hz
Rated Power	30 W
LED Source	2 x 15 W RGBW 4-in-1 LEDs
Laser Source	2 x 100 mW green lasers
Control Protocol	International standard DMX512
DMX Channels	10 channels
Control Modes	DMX512, master/slave, auto and sound-active
Dimming	0-100% smooth linear dimming
Strobe Rate	Up to 20 flashes per second
Product Size	21.5 x 21.2 x 18.5 cm
Net Weight	1.25 kg
Working Environment	Indoor use; keep dry and well ventilated

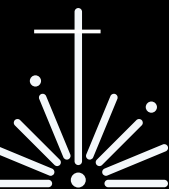
DISPLAY PANEL AND BUTTON OPERATION



Button	Function	Description
MENU	Menu	Move through menu groups and return to the previous level.
UP	Increase	Increase a value or move to the next option.
DOWN	Decrease	Decrease a value or move to the previous option.
ENTER	Confirm	Open a submenu and save the selected value.

IMPORTANT OPERATING NOTES

- Use MENU to select a running mode, then use UP or DOWN to change the value.
- Press ENTER to save the selected setting.
- For master/slave use, disconnect the DMX controller signal from the master fixture.
- To use the infrared remote, set the remote-control menu item to ON.
- After a restart, the fixture resumes the last saved operating mode.



MENU FUNCTIONS

Press MENU to select a mode, use UP / DOWN to adjust the value, and press ENTER to save.

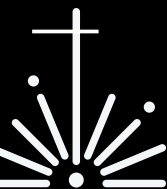
Display	Value	Function / Remark
d001	001-512	DMX starting address. Also used for console or slave operation.
A1-9	1-9	Integrated Auto Mode 1. Higher values increase the motor speed.
A2-9	1-9	Integrated Auto Mode 2. Higher values increase the motor speed.
L1-9	1-9	Laser Mode 1. Higher values increase the movement speed.
L2-9	1-9	Laser Mode 2. Higher values increase the movement speed.
L3-9	1-9	Dual-laser mode. Higher values increase the movement speed.
L4-9	1-9	Laser jump mode 1. Higher values increase the movement speed.
L5-9	1-9	Laser jump mode 2. Higher values increase the movement speed.
L6-9	1-9	Laser movement mode. Use UP / DOWN to adjust the effect speed.
E1-9	1-9	Red LED mode. Higher values increase the motor speed.
E2-9	1-9	Green LED mode. Higher values increase the motor speed.
E3-9	1-9	Blue LED mode. Higher values increase the motor speed.
E4-9	1-9	White LED mode. Higher values increase the motor speed.
E5-9	1-9	Full-color mode. Higher values increase the motor speed.
E6-9	1-9	Color jump mode. Higher values increase the motor speed.
E7-9	1-9	Variable-frequency flash / jump mode. Higher values increase speed.

SOUND-ACTIVE AND SECONDARY MENU

Display	Value	Function / Remark
SOU1	-	Sound-active laser mode.
SOU2	-	Sound-active LED mode.
SOU3	-	Sound-active integrated mode 1.
SOU4	-	Sound-active integrated mode 2.
Vol9	1-9	Sound sensitivity. A higher value increases microphone sensitivity.
Ir on	ON / OFF	Infrared remote-control receiver switch.

SECONDARY MENU

Hold ENTER for approximately five seconds to open the secondary menu. Use UP / DOWN to change a value, then press ENTER to save.



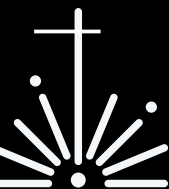
DMX512 CHANNEL FUNCTIONS

The X29 uses a standard 10-channel DMX512 profile. Set the correct starting address before connecting the controller. All values below are decimal values from 0 to 255.

CH	DMX Value	Function / Remark
1	0-255	Master dimmer: linear brightness adjustment from dark to bright.
2	0-5	No strobe.
2	6-255	Strobe speed increases from slow to fast, approximately 1-20 Hz.
3	0-255	Red LED brightness, linear from dark to bright.
4	0-255	Green LED brightness, linear from dark to bright.
5	0-255	Blue LED brightness, linear from dark to bright.
6	0-255	White LED brightness, linear from dark to bright.
7	0-255	Right green-laser brightness, linear from dark to bright.
8	0-255	Left green-laser brightness, linear from dark to bright.
9	0-155	LED motor position / repositioning.
9	156-255	LED motor forward / reverse movement; speed increases from slow to fast.
10	0-5	Channels 1-9 operate normally.
10	6-50	Monochromatic jump program.
10	51-95	Mixed-color jump program 1.
10	96-140	Mixed-color jump program 2.
10	141-185	Mixed-color jump program 3.
10	186-230	Mixed-color jump program 4.
10	231-255	Sound-active mode.

DMX NOTE

Use a proper DMX cable, terminate the final fixture when required, and confirm that fixture address ranges do not overlap unless identical operation is intended. Disconnect mains power before making installation or service changes.



INFRARED REMOTE-CONTROL FUNCTIONS

Before use, pull out the plastic battery-insulation tab from the bottom of the remote control. In linked master/slave operation, enable infrared reception only on the master fixture.

Key	Function
ON	Turn the fixture on.
OFF	Turn the fixture off.
DMX	Switch to DMX mode.
AUTO	Select automatic programs.
speed+ / speed-	Increase or decrease automatic-program speed.
voice	Switch to sound-active mode.
mic+ / mic-	Increase or decrease sound sensitivity.
1	Combined laser and LED effect.
2	Left green laser.
3	Right green laser.
4	Laser auto / movement mode.
5 / 6 / 7 / 8	Red / green / blue / white LED.
9	LED auto / movement mode.
0	Sound-active mode.



REMOTE-CONTROL TROUBLESHOOTING

- Confirm that the remote-control menu item is set to ON.
- Aim the remote toward the infrared receiver and operate it at close range.
- Remove the battery-insulation tab or replace the battery if response is weak.
- Avoid strong direct sunlight or other infrared interference at the receiver.

SAFETY, INSTALLATION AND MAINTENANCE

DISCONNECT POWER

Disconnect the fixture from mains power before installation, inspection, cleaning or maintenance. Allow the housing and optical components to cool before touching them.

- Indoor use: Keep the fixture away from rain, water droplets and prolonged humidity.
- Ventilation: Keep air inlets and outlets clear. Do not cover the fixture during operation.
- Electrical supply: Use a properly grounded AC supply within the rated voltage range.
- Mechanical safety: For overhead use, install a suitable clamp and an independent safety cable.
- Optical safety: Avoid prolonged direct viewing. Never aim the output at people, animals, vehicles or aircraft.
- No unauthorized modification: Service or internal repairs must be performed by qualified personnel.

RECOMMENDED CLEANING AND INSPECTION

Interval	Procedure
Weekly	Wipe the outer housing with a soft, slightly damp, lint-free cloth.
Monthly	Clean lenses carefully with optical cleaner and a soft cloth.
Monthly	Remove dust from ventilation openings and verify free airflow.
Before overhead use	Inspect screws, bracket, clamp, mounting points and safety cable.
As required	Stop use if there is abnormal noise, smell, heat, light output or movement.

STARSHINE LIGHTS SUPPORT

Product Model: X29 Website: www.starshinelights.com

Keep the product serial number and purchase information available when requesting support.

