



Party SERIES

X27

KALEIDOSCOPE 2-IN-1

EFFECT LIGHT

PRODUCT MANUAL

Magic ball effect and red / green laser effect in one compact fixture.



MAGIC BALL
15W RGBW rotating effect

RED/GREEN LASER
30mW green + 100mW red

12CH
DMX512 control

READ THIS MANUAL BEFORE INSTALLATION OR OPERATION

Keep this manual for future reference and service procedures.

PRODUCT OVERVIEW

Thank you for purchasing the X27 Kaleidoscope 2-in-1 Effect Light. For safe operation and best performance, read this manual before use and follow all installation, power and laser-safety instructions.

PACKING LIST

1 x X27 effect light
1 x Power cord
1 x User manual

BEFORE POWERING ON

- Inspect the housing, screws and lenses for transport damage.
- Place or mount the fixture securely and attach a safety cable.
- Confirm that the AC supply matches the rated voltage.
- Use a properly grounded outlet installed by a qualified person.

TECHNICAL PARAMETERS

Item	Specification
Product Model	X27
Power Supply	AC95V-245V, 50/60Hz
Rated Power	20W
LED Source	1 x 15W OSRAM 4-in-1 RGBW LED bead
Laser Source	30mW green laser + 100mW red laser
Control Protocol	International standard DMX512
DMX Channels	12 channels
Control Modes	DMX512, master/slave, auto run and sound control
Dimming	0-100% ultra-smooth dimming
Working Environment	Indoor use

LASER SAFETY

Do not look directly into the laser aperture. Do not point the beam at people, animals, vehicles or aircraft. Direct viewing or photographing the beam at close range may damage eyes or camera sensors.



DISPLAY PANEL AND MENU OPERATION

Front control panel

LCD DISPLAY

MENU UP DOWN ENTER

Navigation: Use MENU to select a menu group, UP/DOWN to change the option or speed, and ENTER to save the value where required. The display enters screen saver mode after 30 seconds without button operation. Press any button to activate the screen.

No.	Menu	Value Range	Description
1	A001	001-512	DMX512 address setting
2	A1-9	1-9	Red Auto Mode, motor speed from slow to fast
3	A2-9	1-9	Green Auto Mode, motor speed from slow to fast
4	A3-9	1-9	Blue Auto Mode, motor speed from slow to fast
5	A4-9	1-9	White Auto Mode, motor speed from slow to fast
6	A5-9	1-9	Laser Auto Mode, motor speed from slow to fast
7	A6-9	1-9	Macro Auto Mode, motor speed from slow to fast
8	S1-9	1-9	Voice 1 Mode, sensitivity from small to large
9	S2-9	1-9	Voice 2 Mode, sensitivity from small to large



DMX512 CHANNEL FUNCTIONS

The X27 uses a standard 12-channel DMX512 profile. Set the correct starting address in the fixture menu before connecting the controller. Values are shown in decimal format from 0 to 255.

Channel	Function	DMX Value	Description / Remark
1CH	Magic motor	0-127	Rotation position: 0-180 degrees
1CH	Magic motor	128-255	Motor self-rotation from fast to slow
2CH	Rotation amplitude	0-255	Controls motor self-moving range 0-255 (0-150 degrees); effective when channel 1 is above 128
3CH	Laser motor	0-9	Stop
3CH	Laser motor	10-255	Laser motor speed from slow to fast
4CH	Dimmer	0-255	Linear dimming from dark to light
5CH	Strobe	0-9	No strobe
5CH	Strobe	10-255	Strobe from slow to fast
6CH	R dimmer	0-255	Red LED from dark to bright
7CH	G dimmer	0-255	Green LED from dark to bright

DMX NOTE

For stable control, use proper DMX cable, terminate the final fixture when required, and confirm that no two fixtures use overlapping addresses unless identical operation is intended.



DMX512 CHANNEL FUNCTIONS - CONTINUED

Channel	Function	DMX Value	Description / Remark
8CH	B dimmer	0-255	Blue LED from dark to bright
9CH	W dimmer	0-255	White LED from dark to bright
10CH	R laser dimmer	0-255	Red laser from dark to bright
11CH	G laser dimmer	0-255	Green laser from dark to bright
12CH	Macro function control	0-50	Channel 1 to channel 11 is valid
12CH	Macro function control	51-150	Auto run
12CH	Macro function control	150-255	Voice control

QUICK START

Step	Action	Procedure
1	Inspect	Check the fixture, lens, mounting bracket and power cable for damage.
2	Install	Place the light securely or mount it with an independent safety cable.
3	Power	Connect to a grounded AC95V-245V, 50/60Hz supply.
4	Select Mode	Choose auto, sound, master/slave or DMX control.
5	Test	Confirm the magic ball effect, laser motor, dimmer and strobe before the show.

BUTTONS DESCRIPTION

Press the MENU button to change menu mode. Press the UP or DOWN button to change the value. Press the ENTER button to save. The screen saver starts automatically after 30 seconds without operation. Press any button to activate the screen.



MAINTENANCE AND CLEANING

DISCONNECT POWER

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

INSPECTION CHECKLIST

- Keep dust, dirt, smoke fluid and oil away from the fixture and ventilation openings.
- Confirm that all screws, brackets, mounting points and safety cables are secure and free from corrosion.
- Check that lenses and the housing are not cracked, loose or deformed.
- Check power and signal cables for cuts, heat damage, fatigue or loose connectors.
- Ensure motors rotate normally without unusual noise, imbalance or obstruction.

RECOMMENDED CLEANING SCHEDULE

Interval	Procedure
Weekly	Wipe the outside of the housing with a soft, slightly damp, lint-free cloth.
Monthly	Clean the optical lenses with professional glass cleaner and soft flannel.
Monthly	Remove dust from the cooling fan and ventilation openings.
Every 3 months	Have a qualified technician inspect internal electrical connections if the fixture is used heavily.
As required	Stop using the product immediately if there is abnormal noise, smell, heat, output or movement.

INSTALLATION AND LASER ATTENTION

Any fixture suspended, hung or fixed at height must have a secondary safety attachment in addition to the normal mounting bracket or clamp. Installation without an independent safety cable presents a falling hazard and is not acceptable. Never stare into the laser aperture or photograph the direct beam at close range. The high optical density of laser light may damage eyes and camera sensors.

STARSHINE LIGHTS SUPPORT

Product Model: X27

Website: www.starshinelights.com

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

