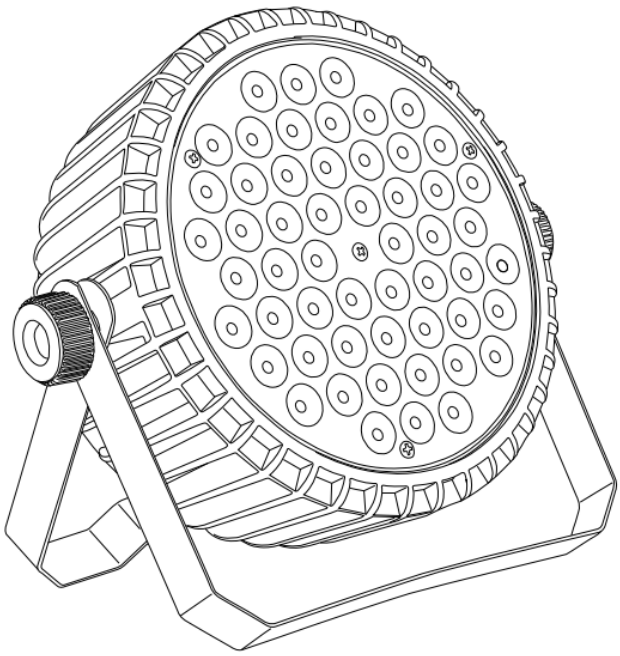
XL 54UV

54X3W LED UV PAR

CYCLOPS LIGHTING



USER MANUAL

PRODUCT DOCUMENTATION

DMX CHART

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STATEMENT

This product has been engineered and manufactured to the highest standards. All users must strictly adhere to the warnings and instructions provided in this manual. Any damage or malfunction resulting from misuse, improper installation, or neglect of this operating manual will void the warranty and release the manufacturer from liability.

This manual is subject to change without notice due to ongoing product improvements. Please check the manufacturer's website for the latest version.

1. Safety Information

Please read and understand all safety instructions before using the product. Retain this document for future reference. Failure to comply with these precautions may result in serious personal injury, property damage, or product malfunction.

1.1 Electrical Safety

1. **Power Source:** Use only the manufacturer-specified power adapter or source. Ensure the input voltage complies with the product's requirements AC 110-240V / 50-60 Hz
2. **Avoid Moisture:** This product has an IP20 rating and is for indoor use only. Do not use the fixture near water, or expose it to rain, spills, or high humidity. Never touch the product or power cord with wet hands to prevent electric shock.
3. **Power Cord Care:** Inspect the power cord regularly for damage (e.g., cracks, fraying). Do not use damaged cords. When unplugging, grasp the plug directly, not the cord.
4. **Grounding:** The fixture must be connected to a grounded power outlet.

1.2 Environmental Requirements

1. **Temperature Limits:** Do not operate or store the fixture in temperatures outside the range of -20˚C to +40˚C. Avoid exposure to direct sunlight or extreme heat sources.
2. **Ventilation:** Ensure the fixture has adequate ventilation. Do not block air vents with fabrics, cushions, or other objects, as overheating may occur.
3. **Hazardous Environments:** Keep the fixture away from flammable materials and maintain a minimum distance of 0.5 meters from illuminated objects.
4. **Mounting:** Always secure the fixture using an appropriate clamp/bracket and an independent safety cable attached to the anchor point on the housing.

1.3 Handling and Maintenance

1. **Magnetic Interference:** Some product components may be magnetic. Keep credit cards, magnetic storage media, and magnetically sensitive devices away from the fixture to avoid data loss or interference.
2. **UV Exposure:** Avoid looking directly at the exposed UV LED light source when the fixture is operational, as prolonged exposure can be harmful.
3. **Servicing:** Disconnect the power before cleaning or servicing the fixture. Only qualified service personnel should attempt repairs.

2. Technical Specifications

Feature	*Specification*
Light Source	54x3W UV LEDs
Power Consumption	180W
Voltage	AC 110-240V / 50/60 Hz
Control Modes	DMX512, Sound-Active, Auto-Run, Master/Slave
DMX Channels	1, 2 CHs
Signal Connection	3-pin XLR In/Out
Housing Material	Aluminium
Housing Color	Black finish
IP Rating	IP20
Operating Temperature	-20˚C to +40˚C
Net Weight	3 kg
Gross Weight	3.5 kg

3. Control Panel and Menu

The fixture uses a digital tube display and four buttons (MENU, UP, DOWN, ENTER) to set the DMX address, operational mode, and internal settings.

3.1 Digital Display Operation

1. **Access Main Menu:** Press the MENU button repeatedly to cycle through the main menu options (Axxx, dxxx, uxxx, etc.).
2. **Access Function Value (Hold/Unlock):**
   - Press and **hold** the MENU button.
   - Do not release until the display shows "0000" and the **first number begins to flash**.
   - Release the MENU button.
3. **Select Function:** Press MENU to cycle to the desired function code.
4. **Adjust Value:** Use the UP or DOWN buttons to adjust the parameter value (e.g., DMX address, intensity).
5. **Save and Exit:** Press the ENTER button to save the current setting and exit back to the main menu view.

3.2 Menu Functions

No.	Display Code	Value Range	Function and Description
1	A001	001-512	DMX512 Address Setting (for **2 Channel Mode**).
2	d001	001-512	DMX512 Address Setting (for **1 Channel Mode**).
3	u255	000-255	**Monotone Light Intensity** (Static UV level, 000 = Off, 255 = Full). Use for non-DMX Master/Slave setup.
4	FH99	01 - 99	Strobe speed from slow to fast.

4. DMX Chart

The XL 54UV offers two selectable DMX control modes: 1 Channel (Simple Dimming) and 2 Channel (Dimming and Strobe).

4.1 1 Channel Mode (d001)

Channel	Function	Value Range	Description
1	**Master UV Dimmer**	0-255	UV intensity control (Dark to Full)

4.2 2 Channel Mode (A001)

Channel	Function	Value Range	Description
1	**Master UV Dimmer**	0-255	UV intensity control (Dark to Full)
2	**Shutter / Strobe**	0-10	Shutter Open (No Strobe)
		11-130	Strobe speed, slow to fast
		131-140	Shutter Open (No Strobe)
		141-255	Pulse / Random Strobe effects



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Cyclops Lighting creates professional lighting fixtures for **lighting professionals**. Our extensive product catalog covers every lighting application, from small to big, from simple to complex. We focus on maximizing value for our users, ensuring superior **performance**, complete **documentation** and expert **worldwide support**.

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