



PROFESSIONAL STAGE LIGHTING

P8 80W RGBWA+UV LED PAR LIGHT

PRODUCT MANUAL

6 / 10CH DMX512

4 x 18W 6-IN-1 LED

25° / 35° / 40° BEAM



READ BEFORE USE

Please read this manual carefully before installing, operating, or servicing the fixture. Keep it available for future reference.

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DOCUMENT SCOPE

This manual covers safety, installation, DMX connection, control modes, display functions, packing data, and warranty information for the P8 80W RGBWA+UV LED PAR Light.



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1. Safety, Maintenance & Responsibility

1.1 Maintenance

- Disconnect the fixture from mains power before cleaning or servicing.
- Clean the housing, cooling openings, and optical lenses regularly to maintain reliable light output.
- Use a soft, dry cloth. Do not use alcohol, solvents, or abrasive cleaning products on the housing or lenses.
- Inspect the power cable, mounting bracket, and safety cable before every installation.
- Avoid frequent power cycling. Allow the fixture to cool before moving or servicing it.

1.2 Responsibility Statement

This product is designed for professional stage and event lighting. All users must follow the warnings and operating instructions in this manual. Damage caused by misuse, incorrect installation, unauthorized modification, unsuitable power supply, or failure to follow these instructions is not covered by the manufacturer or dealer warranty.

NOTICE

Specifications, firmware menu codes, and packing information may be updated without prior notice.

1.3 Safety Precautions

- Use only within AC 110-220 V, 50/60 Hz. Confirm the local supply voltage before connecting power.
- Do not touch exposed conductors. Damaged power cables must be replaced by qualified personnel.
- Install the fixture on a stable, load-rated surface or truss. Use a secondary safety cable for overhead mounting.
- Do not operate in extremely hot, dusty, or poorly ventilated locations. Keep air vents unobstructed.
- Maintain at least 0.5 m clearance from illuminated objects, combustible materials, and heat-sensitive surfaces.
- Do not look directly into the LEDs at close range and do not aim the fixture into people's eyes.
- Keep all electrical connections dry. Although the fixture may be intended for event use, avoid water ingress unless the exact production version is specifically rated for outdoor use.

HIGH INTENSITY LIGHT / ELECTRICAL SAFETY

Allow the fixture to cool before servicing. Never bypass grounding, protection devices, or the fixture fuse.



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2. Product Overview & Specifications



P8 is a compact 80W LED PAR fixture equipped with four 18W RGBWA+UV 6-in-1 LEDs. It is suitable for stages, clubs, weddings, live events, architectural accents, and mobile entertainment. The fixture supports DMX512, sound-active, automatic, and master/slave operation.

Specification	Value
Model	P8
Input voltage	AC 110-220 V
Frequency	50/60 Hz
Rated power	80 W
Light source	4 x 18W RGBWA+UV 6-in-1 LEDs
Color system	Red, Green, Blue, White, Amber, UV
Beam angle	25° / 35° / 40° (version dependent)
DMX channels	6CH / 10CH
Control modes	DMX512, Auto, Sound, Master/Slave
DMX connector	3-pin XLR input/output
Mounting	Adjustable floor/rigging bracket included
Inner box	22 x 22 x 30 cm
Packing weight	3.15 kg per unit
4-unit carton	53 x 27 x 38 cm
8-unit carton	53 x 53 x 38 cm



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3. Installation, Rigging & DMX Connection

3.1 Installation & Rigging

- Place the fixture on a stable surface using the supplied bracket, or mount it to a truss using a properly rated clamp.
- For overhead use, attach an independent safety cable to the fixture bracket or designated safety point.
- Tighten both bracket knobs after setting the required angle.
- Keep a minimum distance of 0.5 m from illuminated surfaces and combustible materials.
- Leave sufficient clearance around the housing for heat dissipation and cable access.

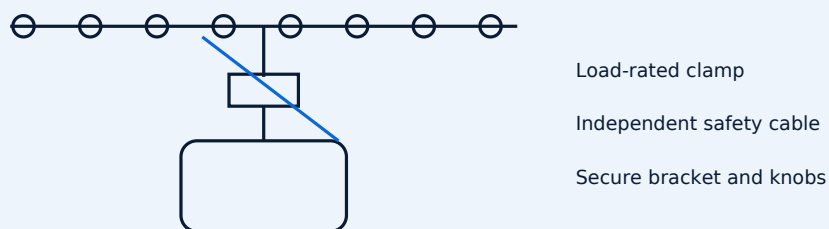


Figure 1. Typical overhead installation.

3.2 DMX Cable Connection

Use shielded twisted-pair cable suitable for EIA RS-485. Connect fixtures in a daisy chain from the controller DMX OUT to the first fixture DMX IN, then from DMX OUT to the next fixture. Do not use a Y-split cable.

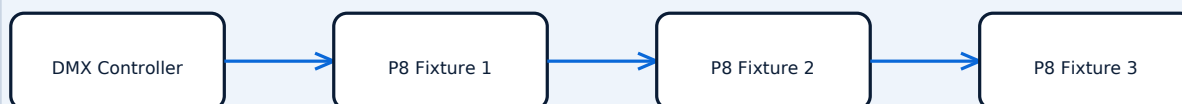


Figure 2. DMX daisy-chain connection.

DMX TERMINATION

For long cable runs or unstable data, install a 120-ohm terminator between Data- and Data+ at the DMX output of the final fixture.



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4. Control Modes & Display Menu

4.1 Operating Modes

Mode	Description
DMX512	The fixture follows control values received from a DMX controller.
Auto	Runs internal color and effect programs automatically.
Sound	Triggers internal programs from the built-in microphone.
Master/Slave	One fixture runs Auto or Sound mode and sends synchronized data to connected slave fixtures.

4.2 Display Menu

Display	Function	Operation
d001	6-channel DMX address	Set the start address from 001 to 512.
A001	10-channel DMX address	Set the start address from 001 to 512.
r255	Red dimmer	UP/DOWN changes brightness from 000 to 255.
G255	Green dimmer	UP/DOWN changes brightness from 000 to 255.
b255	Blue dimmer	UP/DOWN changes brightness from 000 to 255.
U255	White dimmer	UP/DOWN changes brightness from 000 to 255.
Y255	Amber dimmer	UP/DOWN changes brightness from 000 to 255.
P255	UV dimmer	UP/DOWN changes brightness from 000 to 255.
FH99	Strobe	Adjust strobe speed from 01 to 99.
CL01	Static color output	Select one of the preset colors.
CC99	Color jump	Adjust program speed from 01 to 99.
DE99	Color fade	Adjust program speed from 01 to 99.
CP99	Color pulse	Adjust program speed from 01 to 99.
SU01	Sound-active	Select sound effect program from 01 to 09.

FIRMWARE NOTE

Display abbreviations may vary slightly between production batches. The function names and channel behavior in this manual remain the operating reference.



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5. DMX Channel Description

5.1 10-Channel Mode (A001)

CH	Function	DMX Value	Description
1	Master Dimmer	0-255	Overall RGBWA+UV dimming from blackout to full output.
2	Red	0-255	Red dimmer from dark to bright.
3	Green	0-255	Green dimmer from dark to bright.
4	Blue	0-255	Blue dimmer from dark to bright.
5	White	0-255	White dimmer from dark to bright.
6	Amber	0-255	Amber dimmer from dark to bright.
7	UV	0-255	UV dimmer from dark to bright.
8	Strobe	0-255	Strobe speed from slow to fast.
9	Function Select	0-50	Direct 6-color DMX control.
9	Function Select	51-100	Preset color output.
9	Function Select	101-150	Color jump program.
9	Function Select	151-200	Color fade / gradient program.
9	Function Select	201-250	Color pulse program.
9	Function Select	251-255	Sound-active program.
10	Program Speed	0-255	Internal program speed from slow to fast.



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DMX Channel Description - Continued

5.2 6-Channel Mode (d001)

CH	Function	DMX Value	Description
1	Red	0-255	Red dimmer from dark to bright.
2	Green	0-255	Green dimmer from dark to bright.
3	Blue	0-255	Blue dimmer from dark to bright.
4	White	0-255	White dimmer from dark to bright.
5	Amber	0-255	Amber dimmer from dark to bright.
6	UV	0-255	UV dimmer from dark to bright.

5.3 DMX Addressing Examples

Mode	Fixture 1	Fixture 2	Fixture 3	Fixture 4
6CH	001	007	013	019
10CH	001	011	021	031

5.4 Operating Notes

- In 10CH mode, channels 2-7 provide direct color control. Channel 1 acts as the master dimmer.
- When Channel 9 is set above 50, the fixture runs internal effects and Channel 10 adjusts the effect speed.
- Sound-active mode requires an audible low-frequency beat. Reduce background noise near the microphone for more stable triggering.
- For master/slave use, set only the first fixture to Auto or Sound mode and set the remaining fixtures to slave operation.
- If DMX response is unstable, verify addressing, cable polarity, connector integrity, and termination at the last fixture.

PROGRAMMING TIP

Begin with all DMX values at zero, raise Channel 1 in 10CH mode, then mix Red, Green, Blue, White, Amber, and UV using Channels 2-7.



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6. Product Warranty Card

Customer Name	_____	Manufacturer	Starshine Lights
Model	P8	Purchase Date	_____
Company	_____	Contact Person	_____
Address	_____	Telephone	_____

VALIDATION

The information above must be completed accurately and confirmed by the end user and point of sale. Incomplete documentation may affect warranty eligibility.

6.1 Warranty Period

This product is warranted for one year from the date of purchase, subject to the terms below.

6.2 Warranty Service

During the warranty period, a product used under normal conditions may be repaired without charge when the valid warranty card and proof of purchase are presented to the designated service center or manufacturer.

6.3 Exclusions

- Invalid, missing, altered, or incomplete warranty documentation.
- Damage caused by incorrect voltage, improper grounding, moisture, overheating, or unsuitable operating conditions.
- Damage during transportation, handling, loading, or unloading.
- Failure or damage caused by not following the operating instructions.
- Unauthorized disassembly, repair, or modification by non-qualified personnel.
- Use of control systems, cables, or accessories not approved or supplied for the product.
- Consumable or wear items, including LEDs after normal rated service life.

CUSTOMER SUPPORT

Website: www.starshinelights.com

Product: P8 80W RGBWA+UV LED PAR Light

Document: English Product Manual

Thank you for choosing Starshine Lights.



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