



PROFESSIONAL STAGE LIGHTING

P9

4-COLOR RGBW LED PAR LIGHT

PRODUCT MANUAL

DUAL 8CH DMX MODES

RGBW COLOR MIXING

AUTO / SOUND / MASTER-SLAVE

P9 CONTROL PLATFORM

Two selectable 8-channel DMX layouts for flexible console programming.

CONTROL FEATURES

- A001 and d001 DMX personalities
- 15 manual RGBW color presets
- Jump, gradient and pulse programs
- 2 sound-active program options



Product appearance may vary by production batch.

READ BEFORE USE

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





Contents

1. Safety, Maintenance & Responsibility	3
2. Product Overview & Display Menu	4
3. DMX Channel Description - A001	5
4. DMX Channel Description - d001	6
5. DMX Setup, Master/Slave & Operating Notes	7
6. Product Warranty Card	8

DOCUMENT SCOPE

This manual covers safety, DMX control, display-menu operation, master/slave behavior, setup guidance, operating notes, and warranty information for the P9 4-color RGBW LED PAR Light.

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1. Safety, Maintenance & Responsibility

1.1 Maintenance

- Disconnect the fixture from mains power before cleaning, moving, or servicing it.
- Clean the housing, ventilation openings, and optical lenses regularly with a soft, dry cloth.
- Do not use alcohol, solvents, or abrasive cleaning products on the housing or lenses.
- Inspect the power cable, mounting bracket, clamp, and safety cable before every installation.
- Allow the fixture to cool before handling or packing it after operation.

1.2 Responsibility Statement

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

NOTICE

Electrical ratings may differ between production versions. Always confirm input voltage, frequency, and rated power on the fixture label before connecting mains power.

1.3 Safety Precautions

- Use only a grounded power source that matches the voltage and frequency shown on the product label.
- Do not touch exposed conductors. Damaged cables must be replaced by qualified personnel.
- Install the fixture on a stable, load-rated surface or truss. Always use an independent safety cable for overhead mounting.
- Keep ventilation openings clear and avoid extremely hot, dusty, or poorly ventilated locations.
- 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 electrical connections dry. Do not expose the fixture to rain or moisture unless the exact 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 & Display Menu

The P9 is a 4-color RGBW LED PAR fixture with DMX512 control, standalone color programs, sound-active operation, and automatic master/slave signal reception. Two selectable 8-channel layouts - A001 and d001 - provide different channel orders so the fixture can match multiple console profiles and programming workflows.

RGBW MIXING

Independent red, green, blue, and white dimming.

DUAL 8CH MODES

A001 and d001 use different channel orders.

STANDALONE FX

Color, jump, gradient, pulse, and sound modes.

2.1 Confirmed Control Configuration

Item	Configuration
Model	P9
Color system	RGBW - Red, Green, Blue, White
DMX protocol	DMX512
DMX personalities	8CH A001 and 8CH d001
Standalone functions	Manual color, jump, gradient, pulse, sound-active
Master/slave	Automatic slave signal reception in A001 or d001 status

2.2 Display Menu

No.	Display	Range	Function
1	A001	001-512	DMX start address - A001 8-channel mode
2	d001	001-512	DMX start address - d001 8-channel mode
3	r255	000-255	Red dimmer, dark to bright
4	G255	000-255	Green dimmer, dark to bright
5	b255	000-255	Blue dimmer, dark to bright
6	u255	000-255	White dimmer, dark to bright
7	FH99	01-99	Strobe speed, slow to fast
8	CL01	01-15	Manual color preset selection
9	CC99	01-99	Color jump speed, slow to fast
10	DE99	01-99	Gradient / fade speed, slow to fast Pulse-
11	CP99	01-99	change speed, slow to fast
12	SU01	01-02	Sound program: 1 = strobe jump; 2 = jump





3. DMX Channel Description - A001

3.1 8-Channel Mode (A001)

A001 places the master dimmer and four color channels first, followed by strobe, function selection, and function speed/selection.

CH	Function	DMX Value	Description
1	Master Dimmer	0-255 0-	Overall output from blackout to full brightness.
2	Red Dimmer	255 0-	Red output from dark to bright.
3	Green Dimmer	255 0-	Green output from dark to bright.
4	Blue Dimmer	255 0-	Blue output from dark to bright.
5	White Dimmer	255 0-	White output from dark to bright.
6	Global Strobe	255	Global strobe speed from slow to fast.
7	Function Select	0	Direct dimming mode.
7	Function Select	1-62 63-	Preset color selection; Channel 8 selects the color.
7	Function Select	124	Color jump program.
7	Function Select	125-186	Gradient / fade program.
7	Function Select	187-249	Pulse-change program.
7	Function Select	250-255	Sound-active mode; Channel 8 selects sound program 1 or 2.
8	Function Speed / Selection	0-255	Adjusts function speed from slow to fast. In preset-color mode, selects the color. In sound-active mode, selects sound program 1 or 2.

PROGRAMMING TIP

For directRGBWmixing, set Channel 7 to 0. Raise Channel 1, then adjust Channels 2-5. Use Channel 6 only when strobe is required.



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4. DMX Channel Description - d001

4.1 8-Channel Mode (d001)

d001 places master dimmer, strobe, function selection, and function speed first, followed by the four RGBW color channels.

CH	Function	DMX Value	Description
1	Master Dimmer	0-255 0-	Overall output from blackout to full brightness.
2	Global Strobe	255	Global strobe speed from slow to fast.
3	Function Select	0	Direct dimming mode.
3	Function Select	1-62 63-	Preset color selection; Channel 4 selects the color.
3	Function Select	124	Color jump program.
3	Function Select	125-186	Gradient / fade program.
3	Function Select	187-249	Pulse-change program.
3	Function Select	250-255	Sound-active mode; Channel 4 selects sound program 1 or 2.
4	Function Speed / Selection	0-255	Adjusts function speed from slow to fast. In preset-color mode, selects the color. In sound-active mode, selects sound program 1 or 2.
5	Red Dimmer	0-255	Red output from dark to bright.
6	Green Dimmer	0-255	Green output from dark to bright.
7	Blue Dimmer	0-255	Blue output from dark to bright.
8	White Dimmer	0-255	White output from dark to bright.

PROFILE SELECTION

A001 and d001 both use eight DMX channels, but the channel order is different. Select the fixture personality that matches your console profile before programming.



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5. DMX Setup, Master/Slave & Operating Notes

5.1 DMX Cable Connection

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



Figure 1. DMX daisy-chain connection.

5.2 Master/Slave Operation

When fixtures are linked by DMX cable, a connected P9 automatically receives the master/slave signal while it is in A001 or d001 status. No additional slave setting is required.

MASTER/SLAVE SETUP

Set the first fixture to the required manual, jump, gradient, pulse, or sound-active program. Connect the remaining fixtures in a DMX daisy chain and leave them in A001 or d001 status so they can receive the synchronized signal.

5.3 Operating Notes

- Set the DMX start address from 001 to 512 and confirm that the controller uses the same 8-channel personality.
- In A001, Channel 8 controls speed or selection. In d001, the same contextual function is on Channel 4.
- Preset-color, jump, gradient, pulse, and sound-active functions are selected through the Function Select channel.
- Sound-active operation requires an audible beat. Reduce background noise near the microphone for more stable triggering.
- For long cable run or unstable data, fit a 120-ohm DMX terminator at the output of the final fixture.

5.4 Quick Troubleshooting

Problem	Check
No DMX response	Address, selected A001/d001 profile, cable polarity, connectors, and controller output.
Unstable or random behavior	Use DMX cable, avoid Y-splits, inspect connectors, and terminate the final fixture.
Sound mode does not trigger	Increase music level, reduce ambient noise, and confirm SU01 or SU02 selection.





6. Product Warranty Card

Customer Name	_____	Manufacturer	Starshine Lights
Model	P9	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: P9 4-Color RGBW LED PAR Light

Document: English Product Manual

Thank you for choosing Starshine Lights.

