



9x 10W Quad LED Flat PAR RGBW
Stage Wash Light

P/N **612749**
User Manual

Thank you for purchasing this product

To ensure optimum performance and safety, read the following instructions before connecting, operating, or adjusting the product. Keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may have been damaged by electrical spikes, surges, electric shocks, lightning strikes, etc. The use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Table of Contents

Safety Warnings and Guidelines.....	3
Introduction	4
Package Contents	4
Controls and Menu Display.....	5
Menu Modes	6
DMX Controls.....	7
Master/Slave Operation	8
3-PIN XLR to 5-PIN DMX Conversion.....	8
Troubleshooting.....	9
Specification.....	9

Safety Warnings and Guidelines

- Please read this entire manual before using this device. Pay extra attention to the following safety warnings and guidelines. Keep this manual in a safe place for future reference.
- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind such as placing drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately remove it from its power source and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not install the device on an unstable surface where it could fall and cause either personal injury or damage to the device and/or other equipment.
- When installing the device, ensure that the mount is sufficiently robust to support the weight of the unit and to prevent unwanted movement.
- Do not expose the device to excessive vibration or extreme force, shock, or fluctuations in temperature or humidity.
- Before the operation, check the unit and power cord for physical damage. Do not use it if physical damage has occurred.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the device.
- This device uses a grounded power cord and requires a ground connection for safe operation. Ensure that the power source has a proper ground connection. Do not modify the plug or use a "cheater" plug to bypass the ground connection.
- This device has no user-serviceable parts. Do not attempt to open, service, or modify this device.
- Do not look directly into the light source.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Do not place or install this device in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.
- Do not obstruct the fan or vent openings. Ensure that the unit is properly ventilated.
- If the device will not be used for any lengthy period, it should be unplugged from the wall.

- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user-serviceable parts. Do not attempt to open, service, or modify this device.
- When installing this device, ensure that there are no flammable or combustible materials within about 2 feet on all sides. Ensure that there is at least 2 feet of clearance between the unit and the surface or object(s) being illuminated.
- This device should only be operated by qualified adults.
- In the event of a serious operating problem, stop using the unit immediately.
- Keep away from corrosive materials.

Introduction

The light features nine 10-watt RGBW LEDs and several built-in programs for dimming and strobe effects, including a Strobe Follow mode, which allows multiple lights to strobe in sequence, rather than all at the same time. It also supports standard DMX-512 control signals for use as part of a larger light production.

Package Contents

- 1x Flat PAR stage light
- 1x AC power cord (NEMA 5-15P to IEC 60320 C13)
- 1x User's manual

Controls and Menu Display

The 4-digit LED display indicates the mode and the value for the selected function or mode.



- Press the **MENU** button to cycle through the various modes and functions.
- Press the **UP** button to increase the value of the selected function or mode. Press and hold the button to rapidly increase the displayed value. The list will cycle back to the beginning after the maximum value is reached.
- Press the **DOWN** button to decrease the value of the selected function or mode. Press and hold the button to rapidly decrease the displayed value. The list will cycle back to the end after the minimum value is reached.
- Once the desired value is displayed, press the **ENTER** button to set that value for the displayed function or mode and allow for the selection of another function or mode.
- If you want to discard any changes made to the value of the selected function or mode, simply press the **MENU** button to cycle to the next function or mode in the list.

Menu Modes

Menu Display	Value Range	Function
A.001	001~512	DMX512 channel selection
AdyE or AdnO		DMX512 priority
AU01	01~08	Color selection
FF00	FF00~FF99	Auto color change speed
EE00	EE00~EE99	Color gradual change, from slow to fast
CC00	CC00~CC99	Color pulse change, from slow to fast
F.000	000~255	Strobe, from slow to fast
SoUd		Sound activated with strobe
SUnd		Sound activated for color change
r.000	000~255	Red color, from dark to bright
G.000	000~255	Green color, from dark to bright
b.000	000~255	Blue color, from dark to bright
U.000	000~255	White color, from dark to bright

DMX Control

Channel	DMX Values	Function
1	000~255	General dimmer (0~100%)
2	000~255	Red dimmer (0~100%)
3	000~255	Green dimmer (0~100%)
4	000~255	Blue dimmer (0~100%)
5	000~255	White dimmer (0~100%)
6	000	No strobe
	001~255	Strobe, from slow to fast
7	000	No macro function
	001~100	Color on
	101~150	Color jump change
	151~250	Color gradient change
	250~255	Sound activated strobe mode sensitivity
8	000~255	Macro function LED speed, from slow to fast

Master/Slave Operation

Multiple fixtures can be daisy-chained together, using DMX cables (available separately) to connect the **DMX OUT** connector on one fixture to the **DMX IN** connector on the next in line. The last light in the chain must have a DMX Terminator (P/N 601600, available separately) connected to the **DMX OUT** connector.

The first fixture in the chain is considered the Master and all the others are considered Slaves, that will perform the same actions as the Master. The Slaves must all be set to menu mode **A.001**. The Master can then be set to use any built-in program or to a DMX address for direct control using a DMX Controller (P/N 612120, available separately) to create the desired light effect.

Note: If the daisy chain is longer than 60 meters or if it contains 20 or more light fixtures, a DMX signal amplifier should be used to ensure that all devices get valid instruction signals.

3-PIN XLR to 5-PIN DMX Conversion

While most DMX-compatible equipment uses 3-pin XLR connectors, some devices use the official 5-pin DMX connector. To make a 3-pin to 5-pin converter simply make a cable with a 3-pin XLR connector on one end and a 5-pin DMX connector on the other. Connect the pins as follows:

3-pin XLR to 5-pin DMX Adapter		
Signal	3-pin XLR	5-pin XLR
Ground/Shield	1	1
Data Complement (- signal)	2	2
Data True (+ signal)	3	3
Do Not Use		4
Do Not Use		5

Troubleshooting

The following listed are common problems and solutions.

PROBLEM	SOLUTIONS
The light will not turn on.	Check to ensure the power cord is connected to a power outlet. Check to ensure that the connected outlet has available power.
The light will not execute DMX instructions.	Check to ensure that the light is connected to the controller using a DMX cable. Check to ensure that the DMX chain is properly terminated. Check to ensure that the DMX cable is not faulty by swapping it out with a known good cable. Check to ensure the light is in DMX mode (001 ~ 512). Check to ensure the DMX controller is operating properly.

Note: If you experience other problems with this light and cannot solve them on your own, please contact Monoprice Technical Support for assistance.

Specifications

P/N	612749
Lamp Type	9x 10-watt RGBW 4-in-1 LEDs
Control Modes	Stand-alone, sound-activated, DMX512
DMX Channel	8
Input Voltage	90 ~ 240 VAC, 50/60 Hz
Maximum Power Consumption	90 watts
Dimensions	9.8" x 3.9" x 9.8" (250 x 100 x 250 mm)
Weight	2.6 lbs. (1.2 kg)

CUSTOMER SERVICE

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TECHNICAL SUPPORT

Monoprice™ is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **www.monoprice.com** or through email by sending a message to **tech@monoprice.com**. Check the website for support times and links.

To download the latest drivers, firmware, manuals, etc., go to **www.monoprice.com** and type the **P/N** into the search bar. If available, support files are linked at the bottom of the product page.

REGULATORY COMPLIANCE

Notice for FCC



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice for ISED Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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www.monoprice.com

Monoprice, Inc.

1 Pointe Drive, Suite 400
Brea, CA 92821 – USA
www.monoprice.com

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