10-watt x9 LED Flat PAR Stage Light
(RGBW)

612749

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- Prior to operation, check the unit and power cord for physical damage. Do not use 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.

- Keep the original packaging material for use when transporting the device.

- If the device will not be used for any lengthy period of time, it should be unplugged from the wall.

- When installing this device, ensure that the mount is sufficiently robust to support the weight of the unit and to prevent unwanted movement.

INTRODUCTION

This light features nine 10-watt RGBW LEDs and has 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.

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website www.monoprice.com or via email at support@monoprice.com. Check the website for support times and links.

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.
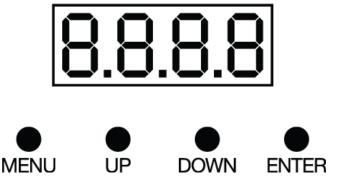
> 1x Flat PAR stage light
>
> 1x AC power cord (NEMA 5-15P to IEC 60320 C13)
>
> 1x User's manual

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 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
d.001	001 ~ 512	DMX channel selection
hoSt or SLAu	hoSt or SLAu	Host (Master) or Slave mode
Eo.01	01 ~ 32	The total number of follow mode devices*
E-.01	01 ~ 32	Follow mode ID**
EE.00	00 ~ 08	Strobe follow mode color selection
	09 ~ 21	Strobe follow mode effect selection
	22	Recycle effect
t.000	000 ~ 255	Strobe follow mode speed (slow to fast)
A.000	000 ~ 255	Four color jumping change (slow to fast)
C.000	000 ~ 255	Full color jumping change (slow to fast)
J.000	000 ~ 255	Full color gradient mode (slow to fast)
L.000	000 ~ 255	Variable pulse mode (slow to fast)
n.000	000 ~ 255	Jumping change, gradient, and variable pulse modes combined (slow to fast)
P.000	000 ~ 255	Gradient fast strobe mode (color change speed)

1S.00	00 ~ 20	Sound activated strobe mode (sensitivity)
2S.00	00 ~ 20	Sound activated jumping change mode (sensitivity)
r.000	000 ~ 255	Red dimming (0 ~ 100%)
G.000	000 ~ 255	Green dimming (0 ~ 100%)
b.000	000 ~ 255	Blue dimming (0 ~ 100%)
u.000	000 ~ 255	White dimming (0 ~ 100%)
F.000	000 ~ 255	Strobe mode (slow to fast)

*Set this value to the total number of devices in Strobe Follow mode. Each device must be set to the same value.

**This value represents the position of the current device within the Strobe Follow mode sequence. Each device must be set to a unique value. The values set must be equal to or less than the total number of Strobe Follow mode devices set using the Eo parameter. Note that this menu selection is only available when the Eo parameter is set to a value other than 1.

STROBE FOLLOW MODE EXAMPLE

As an example of setting the Eo and E- values, let's assume that you have four lights that you want to strobe in sequence. Set the lights to use the following Eo and E- values:

Light #	Eo Value	E- Value
1	Eo.04	E-.01
2	Eo.04	E-.02
3	Eo.04	E-.03
4	Eo.04	E-.04

DMX CONTROL

Channel	DMX Values	Control Functions
1	000 ~ 255	General dimming (0 ~ 100%)
2	000 ~ 255	Red dimming (0 ~ 100%)
3	000 ~ 255	Green dimming (0 ~ 100%)
4	000 ~ 255	Blue dimming (0 ~ 100%)
5	000 ~ 255	White dimming (0 ~ 100%)
6	000	No strobe
	001 ~ 255	Strobe speed (slow to fast)
7	000	Macro function off
	001 ~ 029	Four color jumping change mode
	030 ~ 059	Full color jumping change mode
	060 ~ 089	Full color gradient mode
	090 ~ 119	Variable pulse mode
	120 ~ 149	Jumping change, gradient, and variable pulse modes combined
	150 ~ 179	Gradient fast strobe mode (color change speed)
	180 ~ 199	Save disabled
	200 ~ 229	Strobe follow mode color selection (1 ~ 9)
	230 ~ 243	Strobe follow mode effect selection (1 ~ 13)
	244 ~ 245	Recycle effect
	246 ~ 250	Sound activated strobe mode (sensitivity)
	251 ~ 255	Sound activated jumping change mode (sensitivity)
8	000 ~ 255	Macro function LED speed (slow to fast)

MASTER/SLAVE OPERATION

Multiple lights can be daisy chained together, with one serving as the master and the others configured as slaves to perform whatever actions are performed by the master unit. The master light must be set to Host mode and then can be in any mode except DMX mode, while all the slaves must be set to Slave mode and then set to DMX mode, using the address d.001.

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.

Note: The last device in any DMX chain must be terminated using a DMX Terminator. You can purchase a DMX terminator (PID 601600) from Monoprice or you can make a DMX terminator using a standard XLR male plug (PID 601651) by soldering a 120 ohm (1/4 watt) resistor between pins 2 and 3.

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

Following are some common problems and common solutions.

Problem:

The light will not turn on.

Solutions:

- Check to ensure the power cord is connected to a power outlet.
- Check to ensure that the connected outlet has available power.

Problem:

The light will not execute DMX instructions.

Solutions:

- Check to ensure that the light is connected to the controller via a DMX cable.
- Check to ensure that the DMX chain is properly terminated.
- Check to ensure that the DMX cable is good; swap out a known good cable to test.
- Check to ensure the light is in DMX mode (001 ~ 512).
- Check to ensure the DMX controller is operating properly.

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

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.

SPECIFICATIONS

Model	612749
Lamp Type	9x 10-watt RGBW 4-in-1 LEDs
Control Modes	Stand alone, sound activated, DMX512
DMX Channels	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)

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 A 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 A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial 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. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Notice for Industry Canada

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

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

EU Conformity with applicable directives

This equipment complies with the essential requirements listed below:

- EMC Directive 2004/108/EC
- Low Voltage Directive 2006/95/EC
- RoHS Directive 2011/65/EU
- WEEE Directive 2011/65/EU