10-watt x6 LED Outdoor Rated PAR Light
(RGBW)

612790

SAFETY WARNINGS AND GUIDELINES

- 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

Thank you for purchasing this stage light from Monoprice!

This light features six 10-watt RGBW LEDs enclosed within an IP65-rated water resistant enclosure for use in outdoor environments. It includes 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** during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at **support@monoprice.com**

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.
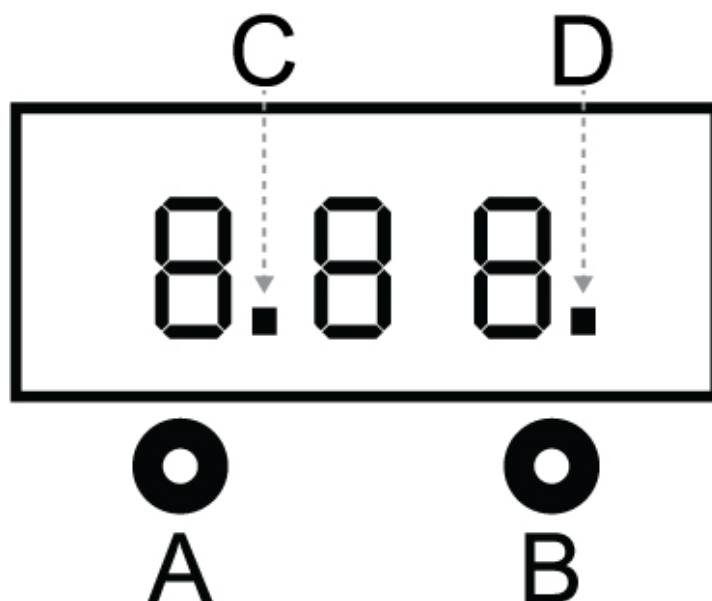
   1x Outdoor rated PAR stage light

   1x User's manual

CONTROLS AND MENU DISPLAY

The LED menu display and the control buttons are located behind a translucent silicone panel, which helps ensure the water resistant integrity of the light. To make changes to the light's settings, temporarily remove the panel by unscrewing the four Philips head screws. Once you have finished making changes, replace the panel to ensure the light's water resistant integrity. Note that the IP65 rating does not apply when the panel has been removed.

The 3-digit LED display indicates the mode and the selected value for that function or mode.

- Press the **A** button on the left to cycle through the various modes and functions.

- Press the **B** button on the right to increase the value of the selected function or mode. Press and hold the right button to rapidly increase the displayed value. The list will cycle back to the beginning after the maximum value is reached.

- Once the desired value is displayed, press the **A** button on the left again to set that value for the displayed function or mode and allow for selection of another function or mode.

- Decimal point **C** (the one on the left) is illuminated whenever the light is in a standalone mode.

- Decimal point **D** (the one on the right) is illuminated whenever the light is set to DMX mode and a DMX signal is present.

- Both decimal points **C** and **D** will remain **OFF** whenever the light is in DMX mode and no DMX signal is present.

MENU MODES

Menu Display	Value Range	Function
001	001 ~ 256	DMX channel selection
Hot or SLu	Hot or SLu	Host (Master) or Slave mode
□. 01	01 ~ 32	The total number of follow mode devices*
⁻. 01	01 ~ 32	Follow mode ID**
E.01	00 ~ 8	Strobe follow mode color selections
	09 ~ 21	Strobe follow mode effect selection
	22	Recycle effect
t.01	00 ~ 99	Strobe follow mode speed (slow to fast)
A.01	01 ~ 99	Four color jumping change (slow to fast)
C.01	01 ~ 99	Full color jumping change (slow to fast)
J.01	01 ~ 99	Four color gradient mode (slow to fast)
H.01	01 ~ 99	Full color gradient mode (slow to fast)
L.01	01 ~ 99	Variable pulse mode (slow to fast)
n.01	01 ~ 99	Jumping change, gradient, and variable pulse modes combined (slow to fast)
P.01	01 ~ 99	Gradient strobe mode (slow to fast)
F.01	01 ~ 99	Color selection strobe mode (slow to fast)
r.01	01 ~ 99	Red dimming (0 ~ 100%)
g.01	01 ~ 99	Green dimming (0 ~ 100%)
b.01	01 ~ 99	Blue dimming (0 ~ 100%)
u.01	01 ~ 99	White dimming (0 ~ 100%)

* 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 □ parameter. Note that this menu selection is only available when the □ parameter is set to a value other than 01.

STROBE FOLLOW MODE EXAMPLE

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

Light #	□ Value	⁻ Value
1	□.04	⁻.01
2	□.04	⁻.02
3	□.04	⁻.03
4	□.04	⁻.04

DMX CONTROL

Channel	DMX Values	Control Function
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
	030 ~ 059	Full color jumping change
	060 ~ 089	Four color gradient mode
	090 ~ 119	Full color gradient mode
	120 ~ 149	Variable pulse mode
	150 ~ 179	Jumping change, gradient, and variable pulse modes combined
	180 ~ 209	Gradient strobe mode (color change speed)
	210 ~ 239	Strobe follow mode color selections (1 ~ 9)
	240 ~ 253	Strobe follow mode effect selection (1 ~ 13)
	254 ~ 255	Recycle effect
8	000 ~ 255	Macro function LED speed from 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 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 DMX**
Ground/Shield	1	1
Data Compliment (- 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 ~ 255).
- 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** during regular business hours, 7 days a week. You can also get assistance through email by sending a message to **tech@monoprice.com**

SPECIFICATIONS

Input Voltage: 90 ~ 240 VAC, 47 ~ 63 Hz

Maximum Power Consumption: 60 watts

Lamp Type: 6x 10-watt RGBW 4-in-1 LEDs

Control Modes: Stand Alone, DMX-512, Master/Slave

DMX Channels: 8

Protection Rating: IP65

Dimensions: 5.5" x 5.5" x 7.9" (140 x 140 x 200 mm)

Net Weight: 4.4 lbs. (2.0 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