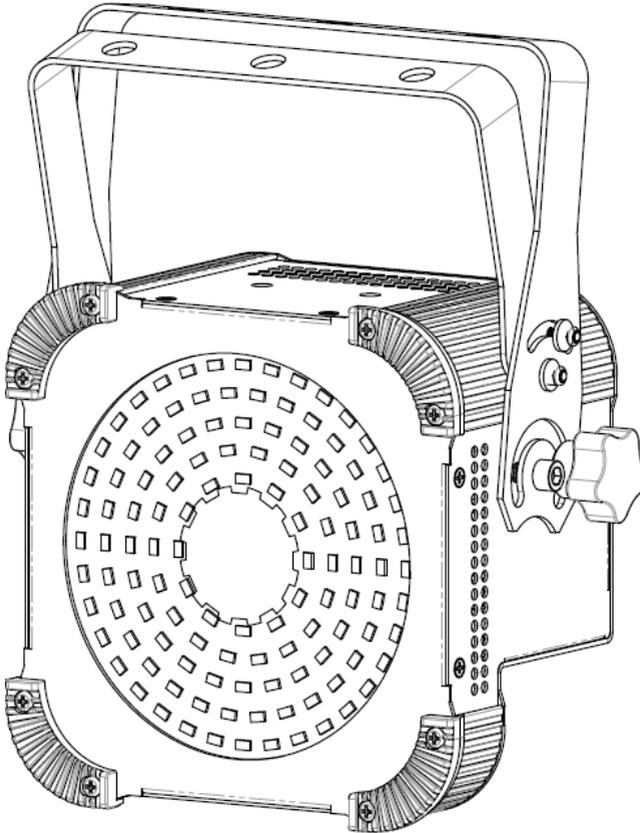# STAGE RIGHT

Stage Right Flash Bang 60-Watt LED DMX Strobe Light

P/N 612565

User's Manual

CONTENTS

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.

- This device is intended for indoor use only.

- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet and allow it to fully dry before reapplying power.

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

- Always secure the device to the mount using a safety wire or chain sufficiently robust to bear the weight of the device.

- Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.

- Do not touch the device, the power cord, or any other connected cables with wet hands.

- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.

- This device ventilates excessive heat through the slots and openings in the case. Do not block or cover these openings. Ensure that the device is in an open area where it can get sufficient airflow to keep from overheating.

- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.

- Do not operate this device when the ambient temperature exceeds +104°F (+40°C).

- Ensure that there is sufficient ventilation to allow the unit to cool. Do not block any ventilation vents or slots and ensure that there are no flammable materials or adjacent surfaces within 20 inches of this device.

- 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.

- Unplug this device from the power source when not in use.

- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.

- 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 connect this device to a dimmer pack.

- 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.

- Avoid direct eye exposure to the light from this device. Do not look directly into the light source.

INTRODUCTION

Thank you for purchasing this Stage Right Flash Bang 60-Watt LED DMX Strobe Light! This strobe light features 120 0.5-watt SMD LEDs, a 0 to 17 Hz strobe rate, and a greater than 400Hz refresh rate, ensuring flicker free operation for television broadcasts and video recordings. It includes a sound activated mode, as well as a built-in programs and 1-, 2-, 4-, 5-, and 10-channel DMX control. It features 32-bit dimming technology for smooth, even fades.

FEATURES

- High-power, LED strobe light creates attractive effects using 5 zones of control

- 1-, 2-, 4-, 5- or 10-channel DMX modes

- 0 to 17 Hz strobe rate

- >400Hz refresh rate for flicker free operation for television broadcasts and video recordings

- Includes exciting sound activation and built-in programs

- 32-bit smooth dimming technology

- Built-in automated programs via master/slave

- Combine ring control and special effect macros for stunning visual impact

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 LED strobe flat PAR light

1x AC power cable

1x User's manual

PRODUCT OVERVIEW

POWER IN

DMX OUT

DMX IN

POWER OUT

4 DIGIT LED DISPLAY

KEEPER SLING

DIMENSIONS DIAGRAM

190mm [7.48'']

104mm [4.08'']

220mm [8.66'']

175mm [6.89'']
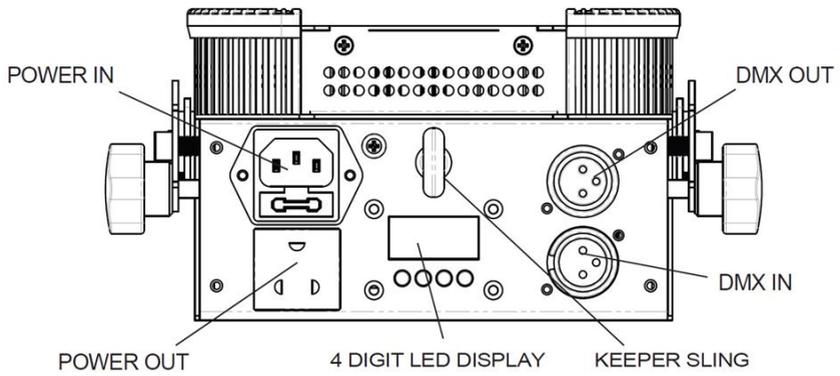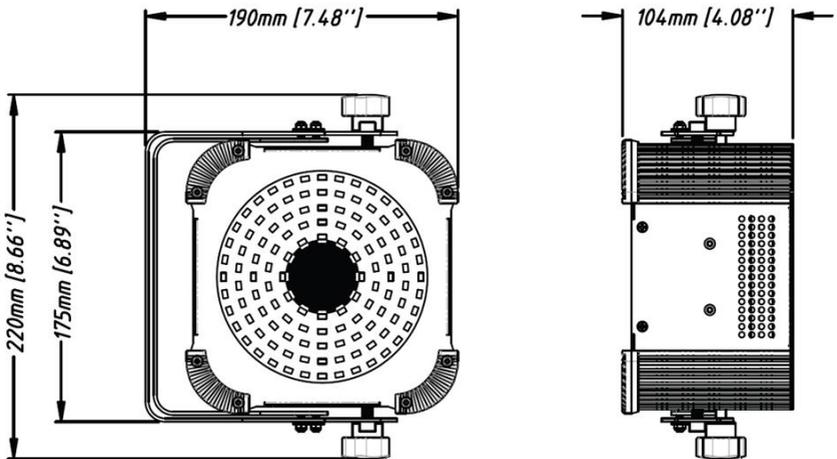
SAMPLE WIRING DIAGRAM

Following is a sample wiring diagram for a multiple fixture installation. Note that the final fixture must have a DMX Terminator plugged into the DMX Out connector.
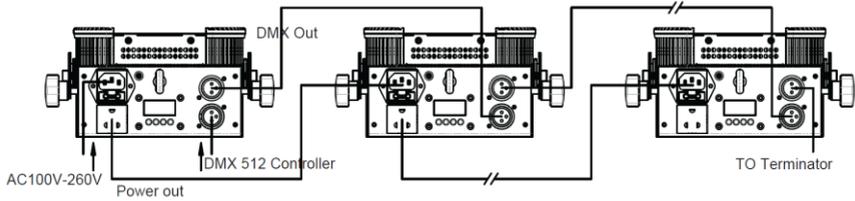
DMX TERMINATION

As with all DMX devices, the last unit in any chain must have a DMX terminator connected to the DMX Out connector. If using just a single light, connect a DMX terminator to the DMX Out connector.

A DMX terminator is a DMX plug with a 120-ohm, 1/4-watt resistor soldered between pins 2 and 3.

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 access the menu system.

- Press the **ENTER** button to edit the currently displayed mode.

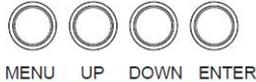- Press the **UP** button to increase the value of the selected function or mode. Press and hold the button to rapidly increase the displayed value. The list will cycle back to the beginning after the maximum value is reached.

- 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, press the **MENU** button to cancel editing.

MENU MAP

MODE	VALUES	DESCRIPTION
Addr	d001-d512	DMX address
UErn	UE2.0	Displays the software version number
nodE	nod0-nod4	Speed limiter (see the *nodE FUNCTION* section for details)
LEd	on/oFF	LED display always on/auto off (after about 2 minutes)
SoUA	So.UA	Sound activation mode on/off
UL--	U000-U255	White dimming
FLAS	FL00-FL15	Strobe mode (fast to slow)
FAdE	FA00-FA15	Pattern face (fast to slow)
ASC	AC00-AC15	Additional patterns, no speed control
Pr--	Pr00-Pr12	Preset selection
SP--	SP00-SP15	Program speed (fast to slow)
SLAU	SL.AU	Slave mode
CHnd	1,2,3,4,10CH	DMX channel selection

nodE FUNCTION

The nodE function serves as a speed limiter for manual dims and fades. When set to **nod0**, any manual dims or fades will occur in real time, meaning that the light will dim or fade as fast as you move the slider. The other **nodE** values (1-4) are progressively slower than real time. It is recommended to use the **nod1** value if using a low-res DMX controller.

Note that this functionality is expanded in channel 10 of the 10-channel DMX control mode.

MASTER/SLAVE MODE

Whenever the light is set to a mode other than a DMX address or Slave mode (**SL.AU**), the fixture is in Master mode. For example, when set to Sound Activation mode (**So.UA**), it is in Master mode. You can daisy-chain additional fixtures to the Master fixture using 3-pin DMX cables. All other connected fixtures must be set to Slave mode (**SL.UA**) and will perform the same functions as the Master fixture. Note that the final fixture in the daisy-chain must have a DMX terminator connected to the **DMX Out** connector. Note that you cannot use a DMX controller when connecting multiple lights in Master/Slave mode.

DMX CONTROL

When the light is set to a DMX address it will respond to signals from a DMX controller. The number and complexity of the signals it can respond to correspond directly to the number of channels selected. The following tables show the functions and values for each channel in the five different channel modes (1, 2, 4, 5, and 10).

1CH Mode

CHANNEL	VALUE	FUNCTION	REMARKS
1	000-255	General dimming 0-100%	

2CH Mode

CHANNEL	VALUE	FUNCTION	REMARKS
1	000-255	General dimming 0-100%	
2	000-014	No effect	
	015-255	Strobe 0-17 Hz	

4CH Mode

CHANNEL	VALUE	FUNCTION	REMARKS
1	000-255	General dimming 0-100%	
2	000-014	No effect	
	015-255	Strobe 0-17 Hz	
3	000-010	Not used	
	011-035	Preset program Pr01	
	036-060	Preset program Pr02	
	061-085	Preset program Pr03	
	086-110	Preset program Pr04	
	111-135	Preset program Pr05	
	136-160	Preset program Pr06	
	161-185	Preset program Pr07	
	186-210	Preset program Pr08	
	211-235	Preset program Pr01-Pr08	
	236-255	Sound activated	
4	000-255	Speed (slow to fast)	

5CH Mode

CHANNEL	VALUE	FUNCTION	REMARKS
1	000-255	Zone 1 dimming 0-100%	
2	000-255	Zone 2 dimming 0-100%	
3	000-255	Zone 3 dimming 0-100%	
4	000-255	Zone 4 dimming 0-100%	
5	000-255	Zone 5 dimming 0-100%	

10CH Mode

CHANNEL	VALUE	FUNCTION	REMARKS
1	000-255	General dimming 0-100%	
2	000-255	Zone 1 dimming 0-100%	
3	000-255	Zone 2 dimming 0-100%	
4	000-255	Zone 3 dimming 0-100%	
5	000-255	Zone 4 dimming 0-100%	
6	000-255	Zone 5 dimming 0-100%	
7	000-014	No effect	
	015-255	Strobe 0-17 Hz	
8	000-010	Not used	
	011-035	Preset program Pr01	
	036-060	Preset program Pr02	
	061-085	Preset program Pr03	
	086-110	Preset program Pr04	
	111-135	Preset program Pr05	
	136-160	Preset program Pr06	
	161-185	Preset program Pr07	
	186-210	Preset program Pr08	

8	211-235	Preset program Pr01-Pr08	
	236-255	Sound activated	
9	000-255	Speed (slow to fast)	
	000-005	Uses the "nodE" setting	Similar to the "nodE" setting, but with variable speed control. Dimmer 0 has the fasted range, Dimmer 4 the slowest. Dependent on use of channels 1-7.
	006-055	Dimming 0	
	056-105	Dimming 1	
	106-155	Dimming 2	
	156-205	Dimming 3	
	206-255	Dimming 4	

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

Model	612565
Light Source	120x 0.5-watt white SMD LEDs
LED Lifespan	50,000 ~ 100,000 hours
DMX Channels	1, 2, 4, 5, and 10
Control Modes	Standalone, Master/Slave, Auto, Sound Activated
Strobe Rate	0-17 Hz
Signal Input/Output	3-pin XLR
Function Effect	DMX, Strobe, Sound Activated, Gradual Change
Refresh Rate	> 400 Hz, flicker free for television broadcasts and video recordings
Beam Angle	120°
Protection Grade	IP20
Input Power	100 ~ 260 VAC, 50/60 Hz
Maximum Power Consumption	70 watts
Dimensions	8.7" x 7.4" x 3.9" (220 x 188 x 98 mm)
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 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 Industry 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.