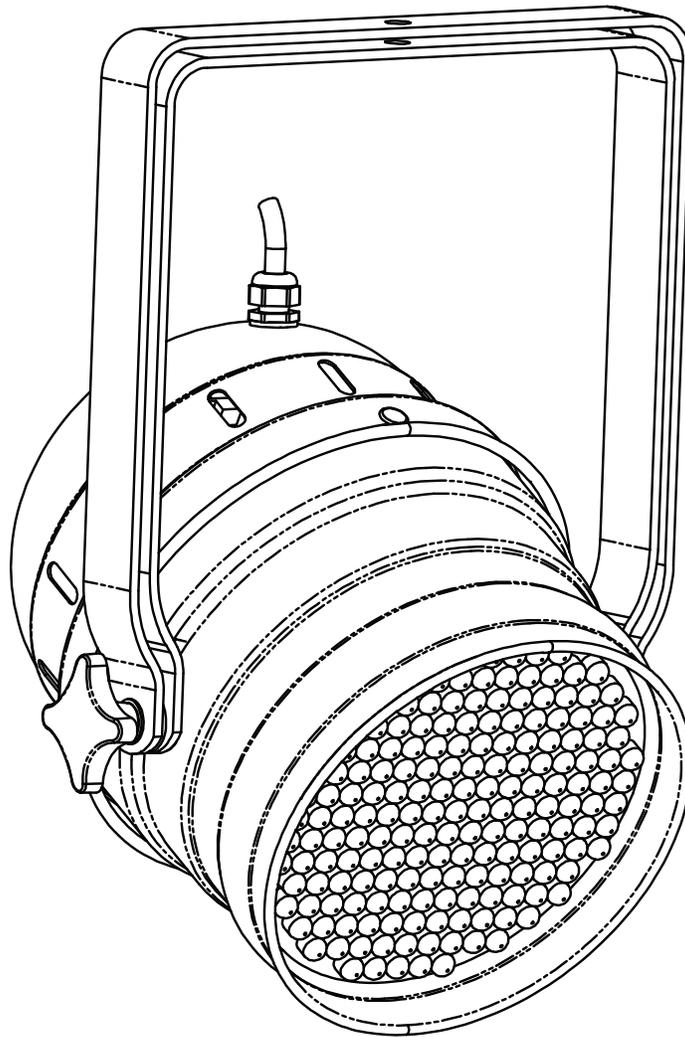


MONOPRICE

PRO AUDIO SERIES

PAR-64 StageLight with 177 LEDs (RGB)



612720

USER'S MANUAL

Introduction

Thank you for purchasing this stage light from Monoprice! This light features an aluminum shell and 177 RGB LEDs. Each color can be independently dimmed, faded, and mixed. The light features built-in programs for dimming and strobe effect. Additionally, it supports standard DMX-512 control signals for use as part of a larger light production.

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 PAR-64 stage light

1x User's manual

Safety Warnings and Guidelines

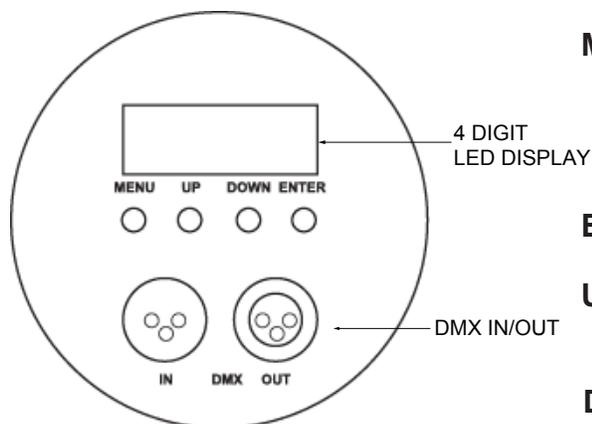
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the device.
- This device uses a grounded power cord and requires 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.
- Do not expose this device to rain, water, or moisture of any kind. Do not use in extremely dusty environments. Do not touch the device with wet hands.
- 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.

DMX Control

Channel	DMX Value	Control Function	Notes	Priority
1 CH	0-255	General Dimming 0 ~ 100%	Must use this channel or dimming will not function	1
2 CH	0-255	Red Dimming 0 ~ 100%		
3 CH	0-255	Green Dimming 0 ~ 100%		
4 CH	0-255	Blue Dimming 0 ~ 100%		
5 CH	0-14	Dimming	When Channel 6 is set between 32 ~ 255, this changes to a speed adjustment 0 ~ 255	2
	15-255	Strobe Speed		
6 CH	0-31	Invalid	Must use Channels 1 ~ 4 or no light will be produced. Channel 5 adjusts the speed.	3
	32-63	From Dark to Bright		
	64-95	From Bright to Dark		
	96-127	From Dark to Bright to Dark	Channel 5 adjusts the speed. Channels 1-4, and 7 and above are ignored.	
	128-159	RGB Gradient		
	160-191	3 Color Cycling		
	192-223	7 Color Cycling		
224-255	Sound Activated			

Controls

The buttons on the control panel have the following functions:



MENU: Pressing the MENU button opens the menu, if it is not already open. If the menu is already open, pressing the MENU button backs out to the previous menu level.

ENTER: Selects the currently highlighted menu item.

UP: Moves the menu highlight up or increases the selected value.

DOWN: Moves the menu highlight down or decreases the selected value.

Menu Options

The menu contains the following options:

addr: DMX mode (A001-A512)

SouF: Voice-activated strobe mode

SouA: Voice-activated non-strobe mode

SP: Built-in program speed adjustment (SP00-SP15, SP00 is the fastest)

Pr: Built-in program selection (Pr00-Pr15 ,16 programs in all)

ASC: Seven color cycling (AS00-AS15 speed adjustable)

FAdE: Gradual change mode (FA00-FA15 speed adjustable)

FLAS: White color strobe (FL00-FL15 speed adjustable)

rL: Red color brightness adjustment mode (r000-r255, r255 is the brightest)

gL: Green color brightness adjustment mode (g000- g255, g255 is the brightest)

bL: Blue color brightness adjustment mode (b000- b255, b255 is the brightest)

The sixteen built-in programs are:

Pr00: Red

Pr01: Green

Pr02: Blue

Pr03: Amber

Pr04: Cyan

Pr05: Purple

Pr06: White

Pr07: Red+Strobe

Pr08: Green+Strobe

Pr09: Blue+Strobe

Pr10: Amber+Strobe

Pr11: Cyan+Strobe

Pr12: Purple+Strobe

Pr13: White+Strobe;

Pr14: RGB cycling

Pr15: Seven color cycling

Note: Pr7 ~ Pr15 can change the value of SP.

Menu Operation

To illustrate the methods used to manipulate the menu options, we will take as an example selecting one of the sixteen programs to execute:

1. Press the MENU button.
2. Use the UP and DOWN buttons to scroll through the menu options until "Pr--" is displayed.
3. Press ENTER to select the "Pr--" option.
4. Use the UP and DOWN buttons to increment and decrement the "Pr" number until it displays "Pr13".
5. Press the ENTER button to set the Program value to 13. The light will now operate in White+Strobe mode.

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 can be in any mode except DMX mode, while all the slaves must be set to DMX mode, using the address A001.

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 make a DMX terminator using a standard XLR male plug 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.
- Check to ensure the power switch is in the ON position.
- Check to see if the fuse has blown, replace as necessary.

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 (A001).
- 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.

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: 100 ~ 264 VAC, 47 ~ 63 Hz

Output Voltage: 12 VDC

Maximum Power Consumption: 18 watts

Lamp Type: 10mm High Brightness LED, Red x60, Green x60, Blue x57

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

Channels: 6

Color Effect: RGB mixing

Function Effects: Dimmer, Strobe, Gradual Change, Sound Activated

Beam Angle: 25°

Cooling Mode: Natural Convection

Protection Rating: IP20

Dielectric Strength: 1.5KV

Insulation Resistance: > 2 megaohm

Dimensions: 12.2" x 9.1" x 9.1" (310 x 230 x 230 mm)

Net Weight: 5.5 lbs. (2.5 Kg)